

ANALYTICAL REPORT

Job Number: 460-31330-1

Job Description: Former GM

For:
Conestoga-Rovers & Associates, Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304
Attention: Ms. Sue Scrocchi



Approved for release.
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10/27/2011 12:13 PM

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10/27/2011

cc: Mr. Greg Carli

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: Former GM

Report Number: 460-31330-1

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 09/19/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1 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 460-31330-1 and 460-31330-4 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 09/23/2011.

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

Samples 460-31330-1(4X) and 460-31330-4(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The matrix spike (MS) recoveries for antimony in batch 87058 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-31330-1 and 460-31330-4 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 09/21/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample 460-31330-3 was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared and analyzed on 09/22/2011.

The closing calibration verification (CCV) for heptachlor associated with batch 87016 recovered above the upper control limit on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The closing calibration verification (CCV) for analytical batch 86980 exceeded control criteria for 4,4-DDD on the primary column.

4,4-DDD is within control criteria on the secondary column. All detected hits for 4,4-DDD have been qualified and reported from the secondary column.

The closing calibration verification (CCV) for heptachlor associated with batch 86980 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 pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 460-31330-3 was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 09/22/2011.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31330-1 and 460-31330-4 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/24/2011 and analyzed on 09/27/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87364 were outside control limits for Chloroethane. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 460-31330-4 was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/26/2011 and analyzed on 09/28/2011.

Several analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 87606. Sample matrix is suspected as the cause of this failure. The capping CCV requirement is specific to the Delaware HSCA SOP. All other method-specific calibration verification requirements were met.

The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 87314 was outside control limits for 2,4-Dinitrophenol. The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87314 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-31330-1 through 460-31330-4 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 09/21/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-31330-1	SO-17338-091411-MM-07	Solid	09/14/2011 1020	09/19/2011 1500
460-31330-2	SO-17338-091411-MM-08	Solid	09/14/2011 1050	09/19/2011 1500
460-31330-3	SO-17338-091411-MM-09	Solid	09/14/2011 1400	09/19/2011 1500
460-31330-4	SO-17338-091411-MM-10	Solid	09/14/2011 1430	09/19/2011 1500

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31330-1	SO-17338-091411-MM-07					
Aluminum		15400		43.1	mg/Kg	6010B
Arsenic		2.3		1.1	mg/Kg	6010B
Barium		30.3	J	43.1	mg/Kg	6010B
Beryllium		0.35	J	0.43	mg/Kg	6010B
Calcium		1170		1080	mg/Kg	6010B
Chromium		12.9		2.2	mg/Kg	6010B
Cobalt		5.9	J	10.8	mg/Kg	6010B
Copper		4.7	J	5.4	mg/Kg	6010B
Iron		13800		32.4	mg/Kg	6010B
Lead		7.1		1.1	mg/Kg	6010B
Magnesium		499	J	1080	mg/Kg	6010B
Manganese		202		3.2	mg/Kg	6010B
Nickel		6.5	J	8.6	mg/Kg	6010B
Potassium		305	J	1080	mg/Kg	6010B
Vanadium		19.4		10.8	mg/Kg	6010B
Zinc		13.7		6.5	mg/Kg	6010B
Percent Moisture		7.3		1.0	%	Moisture
Percent Solids		92.7		1.0	%	Moisture
460-31330-2	SO-17338-091411-MM-08					
Percent Moisture		9.3		1.0	%	Moisture
Percent Solids		90.7		1.0	%	Moisture
460-31330-3	SO-17338-091411-MM-09					
4,4'-DDT		6.1	J	7.9	ug/Kg	8081A
Percent Moisture		14.9		1.0	%	Moisture
Percent Solids		85.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31330-4	SO-17338-091411-MM-10					
Bis(2-ethylhexyl) phthalate		350	J	390	ug/Kg	8270C
Aluminum		8810		46.7	mg/Kg	6010B
Arsenic		2.6		1.2	mg/Kg	6010B
Barium		16.9	J	46.7	mg/Kg	6010B
Calcium		567	J	1170	mg/Kg	6010B
Chromium		11.6		2.3	mg/Kg	6010B
Cobalt		2.6	J	11.7	mg/Kg	6010B
Copper		5.2	J	5.8	mg/Kg	6010B
Iron		25300		35.0	mg/Kg	6010B
Lead		6.1		1.2	mg/Kg	6010B
Magnesium		212	J	1170	mg/Kg	6010B
Manganese		19.2		3.5	mg/Kg	6010B
Nickel		3.1	J	9.3	mg/Kg	6010B
Potassium		224	J	1170	mg/Kg	6010B
Vanadium		29.8		11.7	mg/Kg	6010B
Zinc		6.8	J	7.0	mg/Kg	6010B
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
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: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8270C	Crocco, Michael	MC
SW846 8081A	Dalangin, Catalina	CDC
SW846 8082	Damarapu, Shanthi	SD
SW846 6010B	Chang, Churn Der	CDC
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Armbruster, Chris	CHA

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Date Sampled: 09/14/2011 1020

Client Matrix: Solid

% Moisture: 7.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87208	Lab File ID:	j03983.d
Dilution:	50			Initial Weight/Volume:	14.88 g
Analysis Date:	09/27/2011 0402			Final Weight/Volume:	25 mL
Prep Date:	09/24/2011 1441				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		91	U	22	91
Benzene		91	U	11	91
cis-1,3-Dichloropropene		91	U	9.3	91
Carbon disulfide		91	U	13	91
Bromoform		91	U	9.0	91
Tetrachloroethene		91	U	18	91
1,1-Dichloroethane		91	U	9.1	91
1,2-Dichloroethane		91	U	22	91
1,2-Dichloropropane		91	U	7.9	91
1,1,2-Trichloroethane		91	U	8.8	91
Acetone		910	U	220	910
Methyl acetate		180	U	30	180
Dichlorodifluoromethane		91	U	26	91
4-Methyl-2-pentanone (MIBK)		910	U	62	910
1,1,2-Trichloro-1,2,2-trifluoroethane		91	U	26	91
Methylene Chloride		91	U	17	91
Chloromethane		91	U	19	91
Bromomethane		91	U	28	91
Chlorodibromomethane		91	U	9.1	91
Toluene		91	U	8.6	91
1,2,4-Trichlorobenzene		91	U	40	91
Chlorobenzene		91	U	15	91
1,2-Dibromo-3-Chloropropane		91	U	14	91
1,3-Dichlorobenzene		91	U	20	91
Methyl tert-butyl ether		91	U	17	91
Styrene		91	U	13	91
trans-1,2-Dichloroethene		91	U	12	91
1,1,2,2-Tetrachloroethane		91	U	7.8	91
Chloroethane		91	U	40	91
1,1-Dichloroethene		91	U	13	91
1,2-Dichlorobenzene		91	U	15	91
Trichloroethene		91	U	16	91
2-Hexanone		910	U	49	910
2-Butanone (MEK)		910	U	74	910
Ethylbenzene		91	U	22	91
Isopropylbenzene		91	U	19	91
Methylcyclohexane		91	U	7.3	91
Trichlorofluoromethane		91	U	14	91
Xylenes, Total		270	U	39	270
Cyclohexane		91	U	11	91
trans-1,3-Dichloropropene		91	U	11	91
cis-1,2-Dichloroethene		91	U	18	91
Chloroform		91	U	14	91
Vinyl chloride		91	U	11	91
1,2-Dibromoethane		91	U	8.3	91
Carbon tetrachloride		91	U	16	91

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Date Sampled: 09/14/2011 1020

Client Matrix: Solid

% Moisture: 7.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87208	Lab File ID:	j03983.d
Dilution:	50			Initial Weight/Volume:	14.88 g
Analysis Date:	09/27/2011 0402			Final Weight/Volume:	25 mL
Prep Date:	09/24/2011 1441				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dichlorobenzene		91	U	14	91
Dichlorobromomethane		91	U	8.1	91

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	107		50 - 124
1,2-Dichloroethane-d4 (Surr)	103		57 - 135
Toluene-d8 (Surr)	99		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Date Sampled: 09/14/2011 1020

Client Matrix: Solid

% Moisture: 7.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87364

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87208

Lab File ID: j03983.d

Dilution: 50

Initial Weight/Volume: 14.88 g

Analysis Date: 09/27/2011 0402

Final Weight/Volume: 25 mL

Prep Date: 09/24/2011 1441

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87364

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87208

Lab File ID: j03984.d

Dilution: 50

Initial Weight/Volume: 14.53 g

Analysis Date: 09/27/2011 0427

Final Weight/Volume: 25 mL

Prep Date: 09/24/2011 1443

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1,1-Trichloroethane		100	U	25	100
Benzene		100	U	12	100
cis-1,3-Dichloropropene		100	U	10	100
Carbon disulfide		100	U	15	100
Bromoform		100	U	9.9	100
Tetrachloroethene		100	U	20	100
1,1-Dichloroethane		100	U	10	100
1,2-Dichloroethane		100	U	25	100
1,2-Dichloropropane		100	U	8.8	100
1,1,2-Trichloroethane		100	U	9.8	100
Acetone		1000	U	250	1000
Methyl acetate		200	U	33	200
Dichlorodifluoromethane		100	U	29	100
4-Methyl-2-pentanone (MIBK)		1000	U	68	1000
1,1,2-Trichloro-1,2,2-trifluoroethane		100	U	29	100
Methylene Chloride		100	U	19	100
Chloromethane		100	U	21	100
Bromomethane		100	U	32	100
Chlorodibromomethane		100	U	10	100
Toluene		100	U	9.5	100
1,2,4-Trichlorobenzene		100	U	44	100
Chlorobenzene		100	U	17	100
1,2-Dibromo-3-Chloropropane		100	U	15	100
1,3-Dichlorobenzene		100	U	23	100
Methyl tert-butyl ether		100	U	19	100
Styrene		100	U	14	100
trans-1,2-Dichloroethene		100	U	14	100
1,1,2,2-Tetrachloroethane		100	U	8.7	100
Chloroethane		100	U	45	100
1,1-Dichloroethene		100	U	14	100
1,2-Dichlorobenzene		100	U	16	100
Trichloroethene		100	U	18	100
2-Hexanone		1000	U	55	1000
2-Butanone (MEK)		1000	U	82	1000
Ethylbenzene		100	U	25	100
Isopropylbenzene		100	U	21	100
Methylcyclohexane		100	U	8.0	100
Trichlorofluoromethane		100	U	16	100
Xylenes, Total		300	U	44	300
Cyclohexane		100	U	12	100
trans-1,3-Dichloropropene		100	U	12	100
cis-1,2-Dichloroethene		100	U	19	100
Chloroform		100	U	16	100
Vinyl chloride		100	U	12	100
1,2-Dibromoethane		100	U	9.2	100
Carbon tetrachloride		100	U	18	100

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87208	Lab File ID:	j03984.d
Dilution:	50			Initial Weight/Volume:	14.53 g
Analysis Date:	09/27/2011 0427			Final Weight/Volume:	25 mL
Prep Date:	09/24/2011 1443				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,4-Dichlorobenzene		100	U	15	100
Dichlorobromomethane		100	U	9.0	100

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	109		50 - 124
1,2-Dichloroethane-d4 (Surr)	101		57 - 135
Toluene-d8 (Surr)	99		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87364

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87208

Lab File ID: j03984.d

Dilution: 50

Initial Weight/Volume: 14.53 g

Analysis Date: 09/27/2011 0427

Final Weight/Volume: 25 mL

Prep Date: 09/24/2011 1443

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87606

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-87314

Lab File ID: z10297.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 09/28/2011 0446

Final Weight/Volume: 1 mL

Prep Date: 09/26/2011 1200

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		390	U	24	390
Phenol		390	U	47	390
Bis(2-chloroethyl)ether		39	U	8.0	39
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
2,2'-oxybis[1-chloropropane]		390	U	51	390
Acetophenone		390	U	57	390
4-Methylphenol		390	U	63	390
N-Nitrosodi-n-propylamine		39	U	5.1	39
Hexachloroethane		39	U	6.5	39
Nitrobenzene		39	U	8.6	39
Isophorone		390	U	44	390
2-Nitrophenol		390	U	63	390
2,4-Dimethylphenol		390	U	62	390
Bis(2-chloroethoxy)methane		390	U	55	390
2,4-Dichlorophenol		390	U	62	390
Naphthalene		390	U	56	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		78	U	16	78
Caprolactam		390	U	53	390
4-Chloro-3-methylphenol		390	U	65	390
2-Methylnaphthalene		390	U	56	390
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	69	390
2,4,5-Trichlorophenol		390	U	74	390
1,1'-Biphenyl		390	U	64	390
2-Chloronaphthalene		390	U	54	390
2-Nitroaniline		780	U	110	780
Dimethyl phthalate		390	U	52	390
2,6-Dinitrotoluene		78	U	9.8	78
Acenaphthylene		390	U	55	390
3-Nitroaniline		780	U	87	780
Acenaphthene		390	U	55	390
2,4-Dinitrophenol		1200	U	82	1200
4-Nitrophenol		1200	U	99	1200
Dibenzofuran		390	U	58	390
2,4-Dinitrotoluene		78	U	11	78
Diethyl phthalate		390	U	52	390
Fluorene		390	U	65	390
4-Chlorophenyl phenyl ether		390	U	66	390
4-Nitroaniline		780	U	80	780
4,6-Dinitro-2-methylphenol		1200	U	180	1200
N-Nitrosodiphenylamine		390	U	63	390
4-Bromophenyl phenyl ether		390	U	69	390
Hexachlorobenzene		39	U	5.4	39
Atrazine		390	U	72	390

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87606	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-87314	Lab File ID:	z10297.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	09/28/2011 0446			Final Weight/Volume:	1 mL
Prep Date:	09/26/2011 1200			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	190	1200
Phenanthrene		390	U	67	390
Anthracene		390	U	68	390
Carbazole		390	U	61	390
Di-n-butyl phthalate		390	U	59	390
Fluoranthene		390	U	64	390
Pyrene		390	U	67	390
Butyl benzyl phthalate		390	U	45	390
3,3'-Dichlorobenzidine		780	U	85	780
Benzo[a]anthracene		39	U	7.1	39
Chrysene		390	U	56	390
Bis(2-ethylhexyl) phthalate		350	J	51	390
Di-n-octyl phthalate		390	U	46	390
Benzo[b]fluoranthene		39	U	5.7	39
Benzo[k]fluoranthene		39	U	5.4	39
Benzo[a]pyrene		39	U	4.7	39
Indeno[1,2,3-cd]pyrene		39	U	6.2	39
Dibenz(a,h)anthracene		39	U	4.6	39
Benzo[g,h,i]perylene		390	U	41	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	62		10 - 120
2-Fluorobiphenyl	75		40 - 109
2-Fluorophenol (Surr)	73		37 - 125
Nitrobenzene-d5 (Surr)	71		38 - 105
Phenol-d5 (Surr)	79		41 - 118
Terphenyl-d14 (Surr)	93		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87606

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-87314

Lab File ID: z10297.d

Dilution: 1.0

Initial Weight/Volume: 15.00 g

Analysis Date: 09/28/2011 0446

Final Weight/Volume: 1 mL

Prep Date: 09/26/2011 1200

Injection Volume:

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-09

Lab Sample ID: 460-31330-3

Date Sampled: 09/14/2011 1400

Client Matrix: Solid

% Moisture: 14.9

Date Received: 09/19/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-87016	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-86888	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/22/2011 1411			Injection Volume:	1 uL
Prep Date:	09/22/2011 0530			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		7.9	U	1.5	7.9
beta-BHC		7.9	U	1.1	7.9
delta-BHC		7.9	U	1.2	7.9
gamma-BHC (Lindane)		7.9	U	0.92	7.9
Heptachlor		7.9	U	1.1	7.9
Aldrin		7.9	U	1.7	7.9
Heptachlor epoxide		7.9	U	1.6	7.9
Endosulfan I		7.9	U	1.7	7.9
Dieldrin		7.9	U	1.5	7.9
4,4'-DDE		7.9	U	1.5	7.9
Endrin		7.9	U	1.1	7.9
Endosulfan II		7.9	U	1.2	7.9
4,4'-DDD		7.9	U	0.94	7.9
Endosulfan sulfate		7.9	U	1.0	7.9
4,4'-DDT		6.1	J	0.99	7.9
Methoxychlor		7.9	U	0.88	7.9
Endrin ketone		7.9	U	1.2	7.9
Endrin aldehyde		7.9	U	2.0	7.9
alpha-Chlordane		7.9	U	1.7	7.9
gamma-Chlordane		7.9	U	1.6	7.9
Toxaphene		79	U	16	79
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		129		53 - 150	
Tetrachloro-m-xylene		111		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-09

Lab Sample ID: 460-31330-3

Date Sampled: 09/14/2011 1400

Client Matrix: Solid

% Moisture: 14.9

Date Received: 09/19/2011 1500

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-87016

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-86888

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 09/22/2011 1411

Injection Volume: 1 uL

Prep Date: 09/22/2011 0530

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		53 - 150
Tetrachloro-m-xylene	105		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-09

Lab Sample ID: 460-31330-3

Date Sampled: 09/14/2011 1400

Client Matrix: Solid

% Moisture: 14.9

Date Received: 09/19/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-86887	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/22/2011 1013			Injection Volume:	
Prep Date:	09/22/2011 0521			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		79	U	15	79
PCB-1221		79	U	24	79
PCB-1232		79	U	45	79
PCB-1242		79	U	15	79
PCB-1248		79	U	21	79
PCB-1254		79	U	27	79
PCB-1260		79	U	8.8	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	137		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-09

Lab Sample ID: 460-31330-3

Date Sampled: 09/14/2011 1400

Client Matrix: Solid

% Moisture: 14.9

Date Received: 09/19/2011 1500

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-86978

Instrument ID: PESTGC9

Prep Method: 3541

Prep Batch: 460-86887

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 09/22/2011 1013

Injection Volume:

Prep Date: 09/22/2011 0521

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	120		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Date Sampled: 09/14/2011 1020

Client Matrix: Solid

% Moisture: 7.3

Date Received: 09/19/2011 1500

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87216	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-87058	Lab File ID:	09232011A.asc
Dilution:	4.0			Initial Weight/Volume:	1.00 g
Analysis Date:	09/23/2011 2008			Final Weight/Volume:	50 mL
Prep Date:	09/23/2011 0713				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		15400		15.8	43.1
Antimony		2.2	U	0.95	2.2
Arsenic		2.3		0.75	1.1
Barium		30.3	J	1.3	43.1
Beryllium		0.35	J	0.19	0.43
Cadmium		1.1	U	0.17	1.1
Calcium		1170		28.4	1080
Chromium		12.9		1.3	2.2
Cobalt		5.9	J	1.3	10.8
Copper		4.7	J	0.88	5.4
Iron		13800		11.5	32.4
Lead		7.1		0.54	1.1
Magnesium		499	J	11.4	1080
Manganese		202		1.2	3.2
Nickel		6.5	J	0.58	8.6
Potassium		305	J	48.7	1080
Selenium		2.2	U	1.0	2.2
Silver		2.2	U	0.16	2.2
Sodium		1080	U	66.2	1080
Thallium		2.2	U	1.0	2.2
Vanadium		19.4		0.56	10.8
Zinc		13.7		1.1	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-86868	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-86855	Lab File ID:	092111.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2011 2120			Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.036	U	0.024	0.036

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

% Moisture: 14.3

Date Received: 09/19/2011 1500

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-87216

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-87058

Lab File ID: 09232011A.asc

Dilution: 4.0

Initial Weight/Volume: 1.00 g

Analysis Date: 09/23/2011 2012

Final Weight/Volume: 50 mL

Prep Date: 09/23/2011 0713

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8810		17.1	46.7
Antimony		2.3	U	1.0	2.3
Arsenic		2.6		0.81	1.2
Barium		16.9	J	1.4	46.7
Beryllium		0.47	U	0.21	0.47
Cadmium		1.2	U	0.18	1.2
Calcium		567	J	30.7	1170
Chromium		11.6		1.4	2.3
Cobalt		2.6	J	1.4	11.7
Copper		5.2	J	0.95	5.8
Iron		25300		12.4	35.0
Lead		6.1		0.58	1.2
Magnesium		212	J	12.3	1170
Manganese		19.2		1.3	3.5
Nickel		3.1	J	0.63	9.3
Potassium		224	J	52.7	1170
Selenium		2.3	U	1.1	2.3
Silver		2.3	U	0.18	2.3
Sodium		1170	U	71.6	1170
Thallium		2.3	U	1.1	2.3
Vanadium		29.8		0.61	11.7
Zinc		6.8	J	1.1	7.0

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-86868

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-86855

Lab File ID: 092111.PRN

Dilution: 1.0

Initial Weight/Volume: 0.63 g

Analysis Date: 09/21/2011 2122

Final Weight/Volume: 100 mL

Prep Date: 09/21/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.037	U	0.024	0.037

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

General Chemistry**Client Sample ID:** SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Date Sampled: 09/14/2011 1020

Client Matrix: Solid

Date Received: 09/19/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N
Percent Solids	92.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

General Chemistry**Client Sample ID:** SO-17338-091411-MM-08

Lab Sample ID: 460-31330-2

Date Sampled: 09/14/2011 1050

Client Matrix: Solid

Date Received: 09/19/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N
Percent Solids	90.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

General Chemistry**Client Sample ID:** SO-17338-091411-MM-09

Lab Sample ID: 460-31330-3

Date Sampled: 09/14/2011 1400

Client Matrix: Solid

Date Received: 09/19/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N
Percent Solids	85.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

General Chemistry**Client Sample ID:** SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Date Sampled: 09/14/2011 1430

Client Matrix: Solid

Date Received: 09/19/2011 1500

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-86809	Analysis Date: 09/21/2011 1351					DryWt Corrected: N

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Surrogate Recovery Report**8260B Volatile Organics (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-31330-1	SO-17338-091411-M M-07	103	99	107
460-31330-4	SO-17338-091411-M M-10	101	99	109
MB 460-87364/4		92	91	105
LCS 460-87364/3		104	99	103
460-31328-C-7-A MS		104	98	104
460-31328-C-7-A MSD		103	97	108

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-31330-4	SO-17338-091411-M M-10	73	79	71	75	62	93
MB 460-87314/1-A		77	78	80	83	65	85
LCS 460-87314/2-A		68	70	71	75	73	77
460-30924-A-5-L MS		83	84	87	97	77	93
460-30924-A-5-M MSD		82	84	85	93	76	93

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-31330-3	SO-17338-091411-M M-09	105	111	129	128
MB 460-86888/1-A		115	120	143	141
LCS 460-86888/2-A		111	113	135	131
460-31330-3 MS	SO-17338-091411-M M-09 MS	111	113	132	129
460-31330-3 MSD	SO-17338-091411-M M-09 MSD	107	109	126	125

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Surrogate Recovery Report**8082 Polychlorinated Biphenyls (PCBs) (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-31330-3	SO-17338-091411-M M-09	137	120
MB 460-86887/1-A		141	123
LCS 460-86887/2-A		141	122
460-31330-3 MS	SO-17338-091411-M M-09 MS	132	117
460-31330-3 MSD	SO-17338-091411-M M-09 MSD	131	115

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87208**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-31328-C-7-A MS
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0222
Prep Date: 09/24/2011 1446
Leach Date: N/A

Analysis Batch: 460-87364
Prep Batch: 460-87208
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j03979.d
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 460-31328-C-7-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0248
Prep Date: 09/24/2011 1446
Leach Date: N/A

Analysis Batch: 460-87364
Prep Batch: 460-87208
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j03980.d
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	94	96	78 - 118	2	30		
Benzene	91	89	71 - 118	2	30		
cis-1,3-Dichloropropene	93	92	75 - 120	1	30		
Carbon disulfide	76	79	70 - 120	4	30		
Bromoform	96	92	76 - 133	5	30		
Tetrachloroethene	94	97	78 - 136	3	30		
1,1-Dichloroethane	90	93	79 - 119	3	30		
1,2-Dichloroethane	105	103	81 - 121	3	30		
1,2-Dichloropropane	100	98	78 - 118	2	30		
1,1,2-Trichloroethane	90	86	77 - 120	4	30		
Acetone	99	83	48 - 177	18	30		
Methyl acetate	73	75	72 - 165	2	30		
Dichlorodifluoromethane	78	82	41 - 149	4	30		
4-Methyl-2-pentanone (MIBK)	85	84	69 - 124	1	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	94	90	50 - 128	4	30		
Methylene Chloride	92	89	78 - 118	3	30		
Chloromethane	89	93	52 - 144	4	30		
Bromomethane	61	62	58 - 164	1	30		
Chlorodibromomethane	94	95	78 - 118	1	30		
Toluene	95	95	79 - 136	0	30		
1,2,4-Trichlorobenzene	108	111	62 - 144	3	30		
Chlorobenzene	93	94	69 - 124	1	30		
1,2-Dibromo-3-Chloropropane	96	93	62 - 127	3	30		
1,3-Dichlorobenzene	95	95	83 - 123	1	30		
Methyl tert-butyl ether	89	90	65 - 143	0	30		
Styrene	98	97	73 - 126	0	30		
trans-1,2-Dichloroethene	89	93	73 - 119	5	30		
1,1,2,2-Tetrachloroethane	90	89	86 - 145	1	30		
Chloroethane	47	49	66 - 144	3	30	F	F
1,1-Dichloroethene	89	91	68 - 138	2	30		
1,2-Dichlorobenzene	96	100	83 - 123	5	30		
Trichloroethene	97	98	82 - 122	1	30		
2-Hexanone	90	81	62 - 123	11	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87208

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-31328-C-7-A MS	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87208	Lab File ID:	j03979.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	09/27/2011 0222			Final Weight/Volume:	25 mL
Prep Date:	09/24/2011 1446				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31328-C-7-A MSD	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87208	Lab File ID:	j03980.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	09/27/2011 0248			Final Weight/Volume:	25 mL
Prep Date:	09/24/2011 1446				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Butanone (MEK)	85	83	70 - 139	3	30		
Ethylbenzene	97	96	78 - 124	1	30		
Isopropylbenzene	100	100	80 - 143	1	30		
Methylcyclohexane	99	93	80 - 134	6	30		
Trichlorofluoromethane	81	80	60 - 148	2	30		
Cyclohexane	94	97	69 - 128	3	30		
trans-1,3-Dichloropropene	92	93	73 - 118	1	30		
cis-1,2-Dichloroethene	94	94	78 - 118	0	30		
Chloroform	94	93	81 - 122	1	30		
Vinyl chloride	100	107	55 - 154	6	30		
1,2-Dibromoethane	96	92	76 - 120	3	30		
Carbon tetrachloride	100	98	64 - 130	3	30		
1,4-Dichlorobenzene	108	106	84 - 124	2	30		
Dichlorobromomethane	100	102	78 - 118	2	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	104		108	50 - 124			
1,2-Dichloroethane-d4 (Surr)	104		103	57 - 135			
Toluene-d8 (Surr)	98		97	46 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87208

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-31328-C-7-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0222
Prep Date: 09/24/2011 1446
Leach Date: N/A

MSD Lab Sample ID: 460-31328-C-7-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0248
Prep Date: 09/24/2011 1446
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,1-Trichloroethane	96	U	1920	1920	1800	1840
Benzene	96	U	1920	1920	1740	1700
cis-1,3-Dichloropropene	96	U	1920	1920	1770	1760
Carbon disulfide	96	U	1920	1920	1450	1520
Bromoform	96	U	1920	1920	1840	1760
Tetrachloroethene	96	U	1920	1920	1810	1860
1,1-Dichloroethane	96	U	1920	1920	1720	1780
1,2-Dichloroethane	96	U	1920	1920	2020	1970
1,2-Dichloropropane	96	U	1920	1920	1910	1880
1,1,2-Trichloroethane	96	U	1920	1920	1710	1650
Acetone	960	U	1920	1920	1900	1580
Methyl acetate	190	U	1920	1920	1400	1430
Dichlorodifluoromethane	96	U	1920	1920	1500	1560
4-Methyl-2-pentanone (MIBK)	960	U	1920	1920	1620	1600
1,1,2-Trichloro-1,2,2-trifluoroethane	96	U	1920	1920	1790	1730
Methylene Chloride	96	U	1920	1920	1760	1700
Chloromethane	96	U	1920	1920	1710	1780
Bromomethane	96	U	1920	1920	1170	1180
Chlorodibromomethane	96	U	1920	1920	1800	1820
Toluene	96	U	1920	1920	1820	1820
1,2,4-Trichlorobenzene	96	U	1920	1920	2060	2130
Chlorobenzene	96	U	1920	1920	1780	1800
1,2-Dibromo-3-Chloropropane	96	U	1920	1920	1840	1780
1,3-Dichlorobenzene	96	U	1920	1920	1810	1830
Methyl tert-butyl ether	96	U	1920	1920	1710	1720
Styrene	96	U	1920	1920	1870	1860
trans-1,2-Dichloroethene	96	U	1920	1920	1710	1790
1,1,2,2-Tetrachloroethane	96	U	1920	1920	1720	1700
Chloroethane	96	U	1920	1920	907	F 934 F
1,1-Dichloroethene	96	U	1920	1920	1710	1740
1,2-Dichlorobenzene	96	U	1920	1920	1840	1930
Trichloroethene	96	U	1920	1920	1870	1880
2-Hexanone	960	U	1920	1920	1730	1540
2-Butanone (MEK)	960	U	1920	1920	1640	1600
Ethylbenzene	96	U	1920	1920	1860	1850
Isopropylbenzene	96	U	1920	1920	1920	1910
Methylcyclohexane	96	U	1920	1920	1890	1790
Trichlorofluoromethane	96	U	1920	1920	1560	1520
Cyclohexane	96	U	1920	1920	1800	1870
trans-1,3-Dichloropropene	96	U	1920	1920	1770	1780
cis-1,2-Dichloroethene	96	U	1920	1920	1800	1810
Chloroform	96	U	1920	1920	1810	1780
Vinyl chloride	96	U	1920	1920	1920	2050

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87208**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-31328-C-7-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0222
Prep Date: 09/24/2011 1446
Leach Date: N/A

MSD Lab Sample ID: 460-31328-C-7-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 0248
Prep Date: 09/24/2011 1446
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,2-Dibromoethane	96	U	1920	1920	1830	1770
Carbon tetrachloride	96	U	1920	1920	1920	1870
1,4-Dichlorobenzene	96	U	1920	1920	2070	2040
Dichlorobromomethane	96	U	1920	1920	1920	1960

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-87364

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-87364/4
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/26/2011 2100
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-87364
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j03967.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	100	U	25	100
Benzene	100	U	12	100
cis-1,3-Dichloropropene	100	U	10	100
Carbon disulfide	100	U	15	100
Bromoform	100	U	9.9	100
Tetrachloroethene	100	U	20	100
1,1-Dichloroethane	100	U	10	100
1,2-Dichloroethane	100	U	25	100
1,2-Dichloropropane	100	U	8.7	100
1,1,2-Trichloroethane	100	U	9.7	100
Acetone	1000	U	250	1000
Methyl acetate	200	U	33	200
Dichlorodifluoromethane	100	U	28	100
4-Methyl-2-pentanone (MIBK)	1000	U	68	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	29	100
Methylene Chloride	100	U	19	100
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Chlorodibromomethane	100	U	10	100
Toluene	100	U	9.5	100
1,2,4-Trichlorobenzene	100	U	44	100
Chlorobenzene	100	U	17	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,3-Dichlorobenzene	100	U	23	100
Methyl tert-butyl ether	100	U	19	100
Styrene	100	U	14	100
trans-1,2-Dichloroethene	100	U	14	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
Chloroethane	100	U	45	100
1,1-Dichloroethene	100	U	14	100
1,2-Dichlorobenzene	100	U	16	100
Trichloroethene	100	U	18	100
2-Hexanone	1000	U	55	1000
2-Butanone (MEK)	1000	U	82	1000
Ethylbenzene	100	U	25	100
Isopropylbenzene	100	U	21	100
Methylcyclohexane	100	U	8.0	100
Trichlorofluoromethane	100	U	16	100
Xylenes, Total	300	U	43	300
Cyclohexane	100	U	12	100
trans-1,3-Dichloropropene	100	U	12	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
Vinyl chloride	100	U	12	100
1,2-Dibromoethane	100	U	9.1	100

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-87364

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-87364/4	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03967.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/26/2011 2100	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Carbon tetrachloride	100	U	18	100
1,4-Dichlorobenzene	100	U	15	100
Dichlorobromomethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	50 - 124
1,2-Dichloroethane-d4 (Surr)	92	57 - 135
Toluene-d8 (Surr)	91	46 - 130

Method Blank TICs- Batch: 460-87364

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-87364

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-87364/3	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03965.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/26/2011 2010	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	2000	1980	99	78 - 118	
Benzene	2000	2010	101	71 - 118	
cis-1,3-Dichloropropene	2000	1980	99	75 - 120	
Carbon disulfide	2000	1860	93	70 - 120	
Bromoform	2000	1960	98	76 - 133	
Tetrachloroethene	2000	1880	94	78 - 136	
1,1-Dichloroethane	2000	2130	107	79 - 119	
1,2-Dichloroethane	2000	2110	106	81 - 121	
1,2-Dichloropropane	2000	1950	98	78 - 118	
1,1,2-Trichloroethane	2000	1910	95	77 - 120	
Acetone	2000	2750	137	48 - 177	
Methyl acetate	2000	1490	74	72 - 165	
Dichlorodifluoromethane	2000	1620	81	41 - 149	
4-Methyl-2-pentanone (MIBK)	2000	1950	97	69 - 124	
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	2210	111	50 - 128	
Methylene Chloride	2000	2050	102	78 - 118	
Chloromethane	2000	1730	87	52 - 144	
Bromomethane	2000	1650	83	58 - 154	
Chlorodibromomethane	2000	1970	98	78 - 118	
Toluene	2000	1940	97	79 - 136	
1,2,4-Trichlorobenzene	2000	2210	110	62 - 144	
Chlorobenzene	2000	1850	92	69 - 124	
1,2-Dibromo-3-Chloropropane	2000	2150	107	62 - 127	
1,3-Dichlorobenzene	2000	2030	101	83 - 123	
Methyl tert-butyl ether	2000	2070	103	65 - 143	
Styrene	2000	1910	95	73 - 126	
trans-1,2-Dichloroethene	2000	2040	102	73 - 119	
1,1,2,2-Tetrachloroethane	2000	2070	103	86 - 145	
Chloroethane	2000	1830	92	66 - 144	
1,1-Dichloroethene	2000	2010	100	68 - 138	
1,2-Dichlorobenzene	2000	2040	102	83 - 123	
Trichloroethene	2000	2020	101	82 - 122	
2-Hexanone	2000	1830	91	62 - 123	
2-Butanone (MEK)	2000	1950	98	70 - 139	
Ethylbenzene	2000	1930	96	78 - 124	
Isopropylbenzene	2000	1940	97	80 - 143	
Methylcyclohexane	2000	2040	102	80 - 134	
Trichlorofluoromethane	2000	2100	105	60 - 148	
Cyclohexane	2000	2170	109	69 - 128	
trans-1,3-Dichloropropene	2000	1940	97	73 - 118	
cis-1,2-Dichloroethene	2000	2000	100	78 - 118	
Chloroform	2000	2050	103	81 - 122	
Vinyl chloride	2000	1890	95	55 - 154	
1,2-Dibromoethane	2000	1930	97	76 - 120	
Carbon tetrachloride	2000	2020	101	64 - 130	
1,4-Dichlorobenzene	2000	2200	110	84 - 124	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-87364

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-87364/3	Analysis Batch:	460-87364	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j03965.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/26/2011 2010	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorobromomethane	2000	1990	100	78 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		103		50 - 124	
1,2-Dichloroethane-d4 (Surr)		104		57 - 135	
Toluene-d8 (Surr)		99		46 - 130	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-87314

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-87314/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0059
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10289.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzaldehyde	330	U	21	330
Phenol	330	U	41	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
2,2'-oxybis[1-chloropropane]	330	U	43	330
Acetophenone	330	U	49	330
4-Methylphenol	330	U	54	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Hexachloroethane	33	U	5.6	33
Nitrobenzene	33	U	7.4	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
2,4-Dichlorophenol	330	U	53	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
1,1'-Biphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
Dimethyl phthalate	330	U	45	330
2,6-Dinitrotoluene	67	U	8.4	67
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
2,4-Dinitrophenol	1000	U	70	1000
4-Nitrophenol	1000	U	85	1000
Dibenzofuran	330	U	50	330
2,4-Dinitrotoluene	67	U	9.7	67
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000
N-Nitrosodiphenylamine	330	U	54	330
4-Bromophenyl phenyl ether	330	U	59	330
Hexachlorobenzene	33	U	4.6	33

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-87314

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-87314/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0059
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10289.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Atrazine	330	U	62	330
Pentachlorophenol	1000	U	160	1000
Phenanthrene	330	U	58	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Di-n-butyl phthalate	330	U	51	330
Fluoranthene	330	U	55	330
Pyrene	330	U	57	330
Butyl benzyl phthalate	330	U	39	330
3,3'-Dichlorobenzidine	670	U	73	670
Benzo[a]anthracene	33	U	6.1	33
Chrysene	330	U	48	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[a]pyrene	33	U	4.1	33
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
Benzo[g,h,i]perylene	330	U	35	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	65	10 - 120
2-Fluorobiphenyl	83	40 - 109
2-Fluorophenol (Surr)	77	37 - 125
Nitrobenzene-d5 (Surr)	80	38 - 105
Phenol-d5 (Surr)	78	41 - 118
Terphenyl-d14 (Surr)	85	16 - 151

Method Blank TICs- Batch: 460-87314

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.28	7410	A J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-87314

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-87314/2-A	Analysis Batch:	460-87606	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-87314	Lab File ID:	z10288.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/28/2011 0034	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2011 1200			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	2180	66	10 - 160	
Phenol	6370	5030	79	54 - 115	
Bis(2-chloroethyl)ether	3330	2500	75	44 - 101	
2-Chlorophenol	6410	5230	82	56 - 110	
2-Methylphenol	6420	5310	83	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2440	73	45 - 102	
Acetophenone	3340	2550	76	40 - 95	
4-Methylphenol	6420	4690	73	47 - 103	
N-Nitrosodi-n-propylamine	3330	2330	70	42 - 107	
Hexachloroethane	3330	2400	72	45 - 90	
Nitrobenzene	3330	2480	74	42 - 106	
Isophorone	3330	2650	79	48 - 97	
2-Nitrophenol	6440	5220	81	55 - 101	
2,4-Dimethylphenol	6410	5070	79	56 - 112	
Bis(2-chloroethoxy)methane	3330	2620	79	51 - 100	
2,4-Dichlorophenol	6450	5380	83	58 - 115	
Naphthalene	3330	2560	77	53 - 94	
4-Chloroaniline	3330	1880	57	10 - 96	
Hexachlorobutadiene	3330	2570	77	45 - 98	
Caprolactam	3340	1840	55	10 - 127	
4-Chloro-3-methylphenol	6440	5370	83	55 - 117	
2-Methylnaphthalene	3330	2640	79	51 - 98	
Hexachlorocyclopentadiene	3330	1680	50	24 - 98	
2,4,6-Trichlorophenol	6490	5510	85	53 - 118	
2,4,5-Trichlorophenol	6490	5200	80	50 - 115	
1,1'-Biphenyl	3340	2760	83	50 - 105	
2-Chloronaphthalene	3330	2680	80	51 - 102	
2-Nitroaniline	3330	3200	96	51 - 109	
Dimethyl phthalate	3330	2680	81	52 - 112	
2,6-Dinitrotoluene	3330	2690	81	51 - 115	
Acenaphthylene	3330	2600	78	51 - 103	
3-Nitroaniline	3330	1880	57	32 - 104	
Acenaphthene	3330	2630	79	46 - 100	
2,4-Dinitrophenol	6670	890	13	10 - 129	J
4-Nitrophenol	6670	5020	75	45 - 114	
Dibenzofuran	3330	2710	81	52 - 106	
2,4-Dinitrotoluene	3330	2630	79	53 - 110	
Diethyl phthalate	3330	2650	79	52 - 114	
Fluorene	3330	2680	81	51 - 108	
4-Chlorophenyl phenyl ether	3330	2780	84	50 - 106	
4-Nitroaniline	3330	2340	70	45 - 106	
4,6-Dinitro-2-methylphenol	6670	1860	28	10 - 110	
N-Nitrosodiphenylamine	3330	2890	87	49 - 106	
4-Bromophenyl phenyl ether	3330	2870	86	44 - 102	
Hexachlorobenzene	3330	2880	86	43 - 104	
Atrazine	3330	2650	79	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-87314

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-87314/2-A	Analysis Batch:	460-87606	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-87314	Lab File ID:	z10288.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/28/2011 0034	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/26/2011 1200			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	4310	65	19 - 113	
Phenanthrene	3330	2740	82	48 - 108	
Anthracene	3330	2730	82	50 - 107	
Carbazole	3330	2700	81	49 - 104	
Di-n-butyl phthalate	3330	2690	81	50 - 108	
Fluoranthene	3330	2690	81	49 - 108	
Pyrene	3330	2790	84	49 - 116	
Butyl benzyl phthalate	3330	2710	81	49 - 117	
3,3'-Dichlorobenzidine	3330	2100	63	24 - 105	
Benzo[a]anthracene	3330	2830	85	46 - 112	
Chrysene	3330	2830	85	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2720	82	49 - 119	
Di-n-octyl phthalate	3330	2620	79	40 - 106	
Benzo[b]fluoranthene	3330	2740	82	33 - 96	
Benzo[k]fluoranthene	3330	2820	85	35 - 115	
Benzo[a]pyrene	3330	2690	81	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2980	89	43 - 109	
Dibenz(a,h)anthracene	3330	2870	86	43 - 107	
Benzo[g,h,i]perylene	3330	2850	86	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	73	10 - 120
2-Fluorobiphenyl	75	40 - 109
2-Fluorophenol (Surr)	68	37 - 125
Nitrobenzene-d5 (Surr)	71	38 - 105
Phenol-d5 (Surr)	70	41 - 118
Terphenyl-d14 (Surr)	77	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87314

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-30924-A-5-L MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0216
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10291.d
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-30924-A-5-M MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10292.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	61	60	10 - 160	0	30		
Phenol	89	90	54 - 115	1	30		
Bis(2-chloroethyl)ether	82	81	44 - 101	1	30		
2-Chlorophenol	93	92	56 - 110	0	30		
2-Methylphenol	92	93	54 - 117	1	30		
2,2'-oxybis[1-chloropropane]	78	76	45 - 102	2	30		
Acetophenone	84	84	40 - 95	0	30		
4-Methylphenol	81	81	47 - 103	1	30		
N-Nitrosodi-n-propylamine	73	72	42 - 107	2	30		
Hexachloroethane	73	72	45 - 90	1	30		
Nitrobenzene	80	77	42 - 106	3	30		
Isophorone	88	86	48 - 97	2	30		
2-Nitrophenol	91	88	55 - 101	3	30		
2,4-Dimethylphenol	88	87	56 - 112	1	30		
Bis(2-chloroethoxy)methane	90	89	51 - 100	2	30		
2,4-Dichlorophenol	93	92	58 - 115	1	30		
Naphthalene	85	83	53 - 94	2	30		
4-Chloroaniline	65	66	10 - 96	1	30		
Hexachlorobutadiene	85	82	45 - 98	3	30		
Caprolactam	46	46	10 - 127	1	30		
4-Chloro-3-methylphenol	88	89	55 - 117	0	30		
2-Methylnaphthalene	89	87	51 - 98	2	30		
Hexachlorocyclopentadiene	86	83	24 - 98	3	30		
2,4,6-Trichlorophenol	96	94	53 - 118	2	30		
2,4,5-Trichlorophenol	91	87	50 - 115	5	30		
1,1'-Biphenyl	100	95	50 - 105	5	30		
2-Chloronaphthalene	96	92	51 - 102	4	30		
2-Nitroaniline	81	80	51 - 109	1	30		
Dimethyl phthalate	87	86	52 - 112	1	30		
2,6-Dinitrotoluene	87	86	51 - 115	1	30		
Acenaphthylene	90	88	51 - 103	2	30		
3-Nitroaniline	64	64	32 - 104	1	30		
Acenaphthene	92	89	46 - 100	4	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87314**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-30924-A-5-L MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0216
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10291.d
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-30924-A-5-M MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analysis Batch: 460-87606
Prep Batch: 460-87314
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10292.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-Dinitrophenol	3	2	10 - 129	33	30	J F	J F
4-Nitrophenol	64	62	45 - 114	3	30		
Dibenzofuran	91	90	52 - 106	2	30		
2,4-Dinitrotoluene	81	81	53 - 110	1	30		
Diethyl phthalate	82	82	52 - 114	0	30		
Fluorene	88	87	51 - 108	2	30		
4-Chlorophenyl phenyl ether	92	90	50 - 106	3	30		
4-Nitroaniline	51	54	45 - 106	6	30		
4,6-Dinitro-2-methylphenol	12	10	10 - 110	23	30	J	J
N-Nitrosodiphenylamine	105	101	49 - 106	3	30		
4-Bromophenyl phenyl ether	105	102	44 - 102	3	30	F	
Hexachlorobenzene	104	102	43 - 104	2	30		
Atrazine	85	85	30 - 100	0	30		
Pentachlorophenol	49	43	19 - 113	13	30		
Phenanthrene	96	94	48 - 108	3	30		
Anthracene	93	93	50 - 107	0	30		
Carbazole	87	87	49 - 104	1	30		
Di-n-butyl phthalate	86	88	50 - 108	2	30		
Fluoranthene	85	86	49 - 108	1	30		
Pyrene	93	93	49 - 116	1	30		
Butyl benzyl phthalate	88	88	49 - 117	0	30		
3,3'-Dichlorobenzidine	74	72	24 - 105	3	30		
Benzo[a]anthracene	98	97	46 - 112	2	30		
Chrysene	96	94	45 - 114	3	30		
Bis(2-ethylhexyl) phthalate	88	88	49 - 119	1	30		
Di-n-octyl phthalate	74	75	40 - 106	1	30		
Benzo[b]fluoranthene	94	93	33 - 96	1	30		
Benzo[k]fluoranthene	89	87	35 - 115	3	30		
Benzo[a]pyrene	92	90	36 - 89	2	30	F	F
Indeno[1,2,3-cd]pyrene	110	107	43 - 109	2	30	F	
Dibenz(a,h)anthracene	111	105	43 - 107	5	30	F	
Benzo[g,h,i]perylene	113	109	43 - 106	4	30	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77	76	10 - 120
2-Fluorobiphenyl	97	93	40 - 109
2-Fluorophenol (Surr)	83	82	37 - 125
Nitrobenzene-d5 (Surr)	87	85	38 - 105
Phenol-d5 (Surr)	84	84	41 - 118
Terphenyl-d14 (Surr)	93	93	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87314

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-30924-A-5-L MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0216
Prep Date: 09/26/2011 1200
Leach Date: N/A

MSD Lab Sample ID: 460-30924-A-5-M MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	360	U	3680	3670	2230	2220
Phenol	360	U	7030	7020	6260	6300
Bis(2-chloroethyl)ether	36	U	3680	3670	3020	2980
2-Chlorophenol	360	U	7060	7060	6540	6510
2-Methylphenol	360	U	7080	7080	6500	6550
2,2'-oxybis[1-chloropropane]	360	U	3680	3670	2850	2800
Acetophenone	360	U	3680	3670	3080	3080
4-Methylphenol	360	U	7080	7080	5720	5770
N-Nitrosodi-n-propylamine	36	U	3680	3670	2690	2630
Hexachloroethane	36	U	3680	3670	2680	2650
Nitrobenzene	36	U	3680	3670	2930	2840
Isophorone	360	U	3680	3670	3240	3170
2-Nitrophenol	360	U	7100	7100	6500	6280
2,4-Dimethylphenol	360	U	7070	7060	6240	6160
Bis(2-chloroethoxy)methane	360	U	3680	3670	3330	3250
2,4-Dichlorophenol	360	U	7120	7110	6610	6550
Naphthalene	360	U	3680	3670	3110	3040
4-Chloroaniline	360	U	3680	3670	2380	2420
Hexachlorobutadiene	74	U	3680	3670	3120	3030
Caprolactam	360	U	3680	3680	1700	1690
4-Chloro-3-methylphenol	360	U	7100	7100	6260	6290
2-Methylnaphthalene	360	U	3680	3670	3260	3210
Hexachlorocyclopentadiene	360	U	3680	3670	3140	3040
2,4,6-Trichlorophenol	360	U	7160	7150	6850	6730
2,4,5-Trichlorophenol	360	U	7160	7150	6520	6210
1,1'-Biphenyl	360	U	3680	3670	3660	3500
2-Chloronaphthalene	360	U	3680	3670	3520	3370
2-Nitroaniline	740	U	3680	3670	2980	2930
Dimethyl phthalate	360	U	3680	3670	3210	3170
2,6-Dinitrotoluene	74	U	3680	3670	3190	3150
Acenaphthylene	360	U	3680	3670	3300	3240
3-Nitroaniline	740	U	3680	3670	2350	2370
Acenaphthene	360	U	3680	3670	3380	3250
2,4-Dinitrophenol	1100	U	7350	7350	236	169
4-Nitrophenol	1100	U	7350	7350	4710	4550
Dibenzofuran	360	U	3680	3670	3360	3290
2,4-Dinitrotoluene	74	U	3680	3670	2990	2980
Diethyl phthalate	360	U	3680	3670	3030	3030
Fluorene	360	U	3680	3670	3230	3180
4-Chlorophenyl phenyl ether	360	U	3680	3670	3380	3290
4-Nitroaniline	740	U	3680	3670	1880	2000
4,6-Dinitro-2-methylphenol	1100	U	7350	7350	899	718
N-Nitrosodiphenylamine	360	U	3680	3670	3850	3720

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87314**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-30924-A-5-L MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0216
Prep Date: 09/26/2011 1200
Leach Date: N/A

MSD Lab Sample ID: 460-30924-A-5-M MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1200
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4-Bromophenyl phenyl ether	360	U	3680	3670	3850	F	3760	
Hexachlorobenzene	36	U	3680	3670	3820		3740	
Atrazine	360	U	3680	3670	3140		3140	
Pentachlorophenol	1100	U	7350	7350	3600		3160	
Phenanthrene	360	U	3680	3670	3530		3440	
Anthracene	360	U	3680	3670	3430		3430	
Carbazole	360	U	3680	3670	3180		3200	
Di-n-butyl phthalate	360	U	3680	3670	3150		3220	
Fluoranthene	360	U	3680	3670	3130		3150	
Pyrene	360	U	3680	3670	3420		3400	
Butyl benzyl phthalate	360	U	3680	3670	3240		3230	
3,3'-Dichlorobenzidine	740	U	3680	3670	2730		2640	
Benzo[a]anthracene	36	U	3680	3670	3620		3560	
Chrysene	360	U	3680	3670	3540		3440	
Bis(2-ethylhexyl) phthalate	360	U	3680	3670	3240		3230	
Di-n-octyl phthalate	360	U	3680	3670	2730		2760	
Benzo[b]fluoranthene	36	U	3680	3670	3450		3400	
Benzo[k]fluoranthene	36	U	3680	3670	3280		3200	
Benzo[a]pyrene	36	U	3680	3670	3370	F	3300	F
Indeno[1,2,3-cd]pyrene	36	U	3680	3670	4040	F	3940	
Dibenz(a,h)anthracene	36	U	3680	3670	4080	F	3870	
Benzo[g,h,i]perylene	360	U	3680	3670	4150	F	3990	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-86888

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-86888/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1218
Prep Date: 09/22/2011 0530
Leach Date: N/A

Analysis Batch: 460-86980
Prep Batch: 460-86888
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WR693489.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.2	6.7
beta-BHC	6.7	U	0.91	6.7
delta-BHC	6.7	U	1.0	6.7
gamma-BHC (Lindane)	6.7	U	0.78	6.7
Heptachlor	6.7	U	0.96	6.7
Aldrin	6.7	U	1.5	6.7
Heptachlor epoxide	6.7	U	1.4	6.7
Endosulfan I	6.7	U	1.4	6.7
Dieldrin	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
Endrin	6.7	U	0.94	6.7
Endosulfan II	6.7	U	1.0	6.7
4,4'-DDD	6.7	U	0.80	6.7
Endosulfan sulfate	6.7	U	0.86	6.7
4,4'-DDT	6.7	U	0.84	6.7
Methoxychlor	6.7	U	0.75	6.7
Endrin ketone	6.7	U	0.99	6.7
Endrin aldehyde	6.7	U	1.7	6.7
alpha-Chlordane	6.7	U	1.4	6.7
gamma-Chlordane	6.7	U	1.4	6.7
Toxaphene	67	U	14	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	143	53 - 150
Tetrachloro-m-xylene	120	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	141	53 - 150
Tetrachloro-m-xylene	115	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-86888

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-86888/2-A	Analysis Batch:	460-86980	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-86888	Lab File ID:	WF693488.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1204	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0530			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	145	109	58 - 138	
beta-BHC	133	141	105	60 - 139	
delta-BHC	133	148	111	60 - 141	
gamma-BHC (Lindane)	133	144	108	58 - 136	
Heptachlor	133	171	129	58 - 137	
Aldrin	133	146	110	58 - 143	
Heptachlor epoxide	133	148	111	59 - 136	
Endosulfan I	133	147	110	60 - 138	
Dieldrin	133	152	114	55 - 128	
4,4'-DDE	133	151	113	58 - 150	
Endrin	133	158	119	61 - 150	
Endosulfan II	133	149	112	59 - 133	
4,4'-DDD	133	156	117	63 - 150	
Endosulfan sulfate	133	147	110	56 - 133	
4,4'-DDT	133	163	122	57 - 150	
Methoxychlor	133	166	125	42 - 150	
Endrin ketone	133	151	113	62 - 139	
Endrin aldehyde	133	132	99	55 - 122	
alpha-Chlordane	133	145	109	49 - 143	
gamma-Chlordane	133	145	109	45 - 147	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	135		53 - 150		
Tetrachloro-m-xylene	113		40 - 150		

Lab Control Sample - Batch: 460-86888

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-86888/2-A	Analysis Batch:	460-86980	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-86888	Lab File ID:	WR693488.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1204	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0530			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	139	104	58 - 138	
beta-BHC	133	138	104	60 - 139	
delta-BHC	133	146	110	60 - 141	
gamma-BHC (Lindane)	133	144	108	58 - 136	
Heptachlor	133	150	113	58 - 137	
Aldrin	133	145	109	58 - 143	
Heptachlor epoxide	133	144	108	59 - 136	
Endosulfan I	133	145	108	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-86888

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-86888/2-A	Analysis Batch:	460-86980	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-86888	Lab File ID:	WF693488.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1204	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0530			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	149	112	55 - 128	
4,4'-DDE	133	150	113	58 - 150	
Endrin	133	155	116	61 - 150	
Endosulfan II	133	147	110	59 - 133	
4,4'-DDD	133	156	117	63 - 150	
Endosulfan sulfate	133	142	106	56 - 133	
4,4'-DDT	133	152	114	57 - 150	
Methoxychlor	133	149	111	42 - 150	
Endrin ketone	133	150	113	62 - 139	
Endrin aldehyde	133	128	96	55 - 122	
alpha-Chlordane	133	144	108	49 - 143	
gamma-Chlordane	133	145	109	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		131		53 - 150	
Tetrachloro-m-xylene		111		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-86888

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-31330-3	Analysis Batch:	460-87016	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-86888	Lab File ID:	WF693495.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1342			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0530			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31330-3	Analysis Batch:	460-87016	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-86888	Lab File ID:	WF693496.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	09/22/2011 1356			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0530			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	108	105	58 - 138	3	30		
beta-BHC	104	101	60 - 139	3	30		
delta-BHC	109	105	60 - 141	4	30		
gamma-BHC (Lindane)	108	105	58 - 136	3	30		
Heptachlor	129	126	58 - 137	3	30		
Aldrin	108	105	58 - 143	3	30		
Heptachlor epoxide	110	107	59 - 136	3	30		
Endosulfan I	108	106	60 - 138	2	30		
Dieldrin	111	108	55 - 128	3	30		
4,4'-DDE	111	108	58 - 150	3	30		
Endrin	117	111	61 - 150	6	30		
Endosulfan II	110	107	59 - 133	3	30		
4,4'-DDD	116	114	63 - 150	2	30		
Endosulfan sulfate	110	104	56 - 133	6	30		
4,4'-DDT	115	114	57 - 150	1	30		
Methoxychlor	121	123	42 - 150	1	30		
Endrin ketone	112	109	62 - 139	3	30		
Endrin aldehyde	101	97	55 - 122	5	30		
alpha-Chlordane	107	105	49 - 143	2	30		
gamma-Chlordane	108	105	45 - 147	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	132		126	53 - 150			
Tetrachloro-m-xylene	113		109	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-86888

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-31330-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1342
Prep Date: 09/22/2011 0530
Leach Date: N/A

Analysis Batch: 460-87016
Prep Batch: 460-86888
Leach Batch: N/A

Instrument ID: PESTGC4
Lab File ID: WR693495.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

MSD Lab Sample ID: 460-31330-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1356
Prep Date: 09/22/2011 0530
Leach Date: N/A

Analysis Batch: 460-87016
Prep Batch: 460-86888
Leach Batch: N/A

Instrument ID: PESTGC4
Lab File ID: WR693496.D
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	104	101	58 - 138	4	30		
beta-BHC	104	101	60 - 139	3	30		
delta-BHC	106	103	60 - 141	3	30		
gamma-BHC (Lindane)	108	104	58 - 136	4	30		
Heptachlor	114	111	58 - 137	3	30		
Aldrin	108	104	58 - 143	3	30		
Heptachlor epoxide	107	104	59 - 136	3	30		
Endosulfan I	108	104	60 - 138	3	30		
Dieldrin	111	107	55 - 128	4	30		
4,4'-DDE	111	106	58 - 150	5	30		
Endrin	114	109	61 - 150	5	30		
Endosulfan II	108	104	59 - 133	4	30		
4,4'-DDD	113	112	63 - 150	1	30		
Endosulfan sulfate	107	100	56 - 133	7	30		
4,4'-DDT	109	105	57 - 150	4	30		
Methoxychlor	110	107	42 - 150	4	30		
Endrin ketone	110	106	62 - 139	4	30		
Endrin aldehyde	98	94	55 - 122	4	30		
alpha-Chlordane	107	103	49 - 143	5	30		
gamma-Chlordane	107	104	45 - 147	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	129		125	53 - 150			
Tetrachloro-m-xylene	111		107	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86888**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-31330-3 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1342
Prep Date: 09/22/2011 0530
Leach Date: N/A

MSD Lab Sample ID: 460-31330-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1356
Prep Date: 09/22/2011 0530
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.9	U	157	156	170	165
beta-BHC	7.9	U	157	156	163	158
delta-BHC	7.9	U	157	156	171	164
gamma-BHC (Lindane)	7.9	U	157	156	169	164
Heptachlor	7.9	U	157	156	203	197
Aldrin	7.9	U	157	156	169	164
Heptachlor epoxide	7.9	U	157	156	172	166
Endosulfan I	7.9	U	157	156	169	166
Dieldrin	7.9	U	157	156	174	169
4,4'-DDE	7.9	U	157	156	174	169
Endrin	7.9	U	157	156	183	173
Endosulfan II	7.9	U	157	156	172	168
4,4'-DDD	7.9	U	157	156	181	178
Endosulfan sulfate	7.9	U	157	156	173	162
4,4'-DDT	6.1	J	157	156	187	185
Methoxychlor	7.9	U	157	156	190	192
Endrin ketone	7.9	U	157	156	176	170
Endrin aldehyde	7.9	U	157	156	159	151
alpha-Chlordane	7.9	U	157	156	168	164
gamma-Chlordane	7.9	U	157	156	169	163

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86888**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-31330-3 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1342
Prep Date: 09/22/2011 0530
Leach Date: N/A

MSD Lab Sample ID: 460-31330-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 1356
Prep Date: 09/22/2011 0530
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.9	U	157	156	163	157
beta-BHC	7.9	U	157	156	162	157
delta-BHC	7.9	U	157	156	166	161
gamma-BHC (Lindane)	7.9	U	157	156	169	162
Heptachlor	7.9	U	157	156	178	173
Aldrin	7.9	U	157	156	169	163
Heptachlor epoxide	7.9	U	157	156	167	162
Endosulfan I	7.9	U	157	156	168	163
Dieldrin	7.9	U	157	156	174	168
4,4'-DDE	7.9	U	157	156	174	166
Endrin	7.9	U	157	156	179	170
Endosulfan II	7.9	U	157	156	169	163
4,4'-DDD	7.9	U	157	156	177	176
Endosulfan sulfate	7.9	U	157	156	168	157
4,4'-DDT	6.0	J	157	156	177	171
Methoxychlor	7.9	U	157	156	173	166
Endrin ketone	7.9	U	157	156	172	165
Endrin aldehyde	7.9	U	157	156	153	147
alpha-Chlordane	7.9	U	157	156	168	160
gamma-Chlordane	7.9	U	157	156	168	163

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-86887

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-86887/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/22/2011 0942
Prep Date: 09/22/2011 0521
Leach Date: N/A

Analysis Batch: 460-86978
Prep Batch: 460-86887
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC9
Lab File ID: vr464740.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	67	U	13	67
PCB-1221	67	U	20	67
PCB-1232	67	U	38	67
PCB-1242	67	U	13	67
PCB-1248	67	U	18	67
PCB-1254	67	U	23	67
PCB-1260	67	U	7.5	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	141	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	123	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Control Sample - Batch: 460-86887

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-86887/2-A	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vf464741.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 0957	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	429	129	60 - 144	
PCB-1260	333	405	121	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	141		30 - 150		

Lab Control Sample - Batch: 460-86887

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-86887/2-A	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vr464741.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 0957	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	419	126	60 - 144	
PCB-1260	333	401	120	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	122		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86887**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-31330-3	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vr464745.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1101			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31330-3	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vr464746.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1117			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	135	132	60 - 144	2	30		
PCB-1260	129	126	63 - 143	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	132		131	30 - 150			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-86887**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-31330-3	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vr464745.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1101			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-31330-3	Analysis Batch:	460-86978	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-86887	Lab File ID:	vr464746.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/22/2011 1117			Final Weight/Volume:	10 mL
Prep Date:	09/22/2011 0521			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	133	129	60 - 144	3	30		
PCB-1260	128	125	63 - 143	2	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	117		115	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-86887

Method: 8082

Preparation: 3541

MS Lab Sample ID: 460-31330-3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/22/2011 1101
 Prep Date: 09/22/2011 0521
 Leach Date: N/A

MSD Lab Sample ID: 460-31330-3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/22/2011 1117
 Prep Date: 09/22/2011 0521
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	79	U	392	392	528	516
PCB-1260	79	U	392	392	505	492

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-86887

Method: 8082

Preparation: 3541

MS Lab Sample ID: 460-31330-3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/22/2011 1101
 Prep Date: 09/22/2011 0521
 Leach Date: N/A

MSD Lab Sample ID: 460-31330-3
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 09/22/2011 1117
 Prep Date: 09/22/2011 0521
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	79	U	392	392	520	503
PCB-1260	79	U	392	392	501	490

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-87058/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 09/23/2011 1905
Prep Date: 09/23/2011 0713
Leach Date: N/A

Analysis Batch: 460-87216
Prep Batch: 460-87058
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09232011A.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	7.3	20.0
Antimony	1.0	U	0.44	1.0
Arsenic	0.50	U	0.35	0.50
Barium	20.0	U	0.60	20.0
Beryllium	0.20	U	0.088	0.20
Cadmium	0.50	U	0.078	0.50
Calcium	500	U	13.1	500
Chromium	1.0	U	0.59	1.0
Cobalt	5.0	U	0.61	5.0
Copper	2.5	U	0.41	2.5
Iron	15.0	U	5.3	15.0
Lead	0.50	U	0.25	0.50
Magnesium	500	U	5.3	500
Manganese	1.5	U	0.56	1.5
Nickel	4.0	U	0.27	4.0
Potassium	500	U	22.6	500
Selenium	1.0	U	0.47	1.0
Silver	1.0	U	0.076	1.0
Sodium	500	U	30.7	500
Thallium	1.0	U	0.48	1.0
Vanadium	5.0	U	0.26	5.0
Zinc	3.0	U	0.49	3.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

LCS-Certified Reference Material - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 460-87058/2-A
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 09/23/2011 1909
 Prep Date: 09/23/2011 0713
 Leach Date: N/A

Analysis Batch: 460-87216
 Prep Batch: 460-87058
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 09232011A.asc
 Initial Weight/Volume: 1.00 g
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10500	7842	75	46.1 - 154	
Antimony	67.4	162.3	241	32.0 - 353	
Arsenic	104	93.66	90	69.7 - 131	
Barium	198	179.3	91	73.2 - 126	
Beryllium	77.6	72.66	94	74.0 - 126	
Cadmium	60.7	56.70	93	73.3 - 127	
Calcium	9870	9358	95	75.4 - 125	
Chromium	236	220.4	93	70.8 - 129	
Cobalt	91.2	89.38	98	74.4 - 126	
Copper	174	162.1	93	75.3 - 124	
Iron	18000	16910	94	42.1 - 158	
Lead	86.0	79.62	93	69.8 - 130	
Magnesium	4000	3396	85	69.5 - 131	
Manganese	558	528.4	95	77.4 - 123	
Nickel	134	132.1	99	73.2 - 127	
Potassium	4300	3740	87	65.3 - 135	
Selenium	286	250.4	88	69.6 - 130	
Silver	30.1	26.92	89	65.1 - 135	
Sodium	1020	886.0	87	60.2 - 139	J
Thallium	121	124.1	103	67.8 - 133	
Vanadium	115	105.1	91	67.6 - 132	
Zinc	594	545.8	92	73.6 - 127	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Matrix Spike - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31372-B-9-S MS ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/23/2011 1843
Prep Date: 09/23/2011 0713
Leach Date: N/A

Analysis Batch: 460-87216
Prep Batch: 460-87058
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09232011A.asc
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	12900		312	15900	972	75 - 125	4
Antimony	3.0	U	77.9	31.58	41	75 - 125	F
Arsenic	12.2		312	282.2	87	75 - 125	
Barium	29.5	J	312	322.0	94	75 - 125	
Beryllium	0.87		7.79	7.97	91	75 - 125	
Cadmium	1.5	U	7.79	6.87	88	75 - 125	
Calcium	2400		3120	5449	98	75 - 125	
Chromium	33.3		31.2	66.87	108	75 - 125	
Cobalt	9.1	J	77.9	80.74	92	75 - 125	
Copper	9.3		39.0	45.33	92	75 - 125	
Iron	41900		156	43800	1191	75 - 125	4
Lead	10.9		77.9	82.80	92	75 - 125	
Magnesium	6800		3120	10010	103	75 - 125	
Manganese	367		77.9	436.8	90	75 - 125	4
Nickel	22.8		77.9	96.17	94	75 - 125	
Potassium	2910		3120	6503	115	75 - 125	
Selenium	3.0	U	312	262.5	84	75 - 125	
Silver	3.0	U	7.79	6.28	81	75 - 125	
Sodium	1040	J	3120	3819	89	75 - 125	
Thallium	3.0	U	312	291.5	93	75 - 125	
Vanadium	39.1		77.9	115.0	97	75 - 125	
Zinc	72.6		77.9	145.0	93	75 - 125	

Post Digestion Spike - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31372-B-9-Q PDS
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/23/2011 1847
Prep Date: 09/23/2011 0713
Leach Date: N/A

Analysis Batch: 460-87216
Prep Batch: 460-87058
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09232011A.asc
Initial Weight/Volume: 1.05 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	12900		606	13380	NC	75 - 125	
Antimony	3.0	U	151	135.9	90	75 - 125	
Arsenic	12.2		606	563.0	91	75 - 125	
Barium	29.5	J	606	608.4	96	75 - 125	
Beryllium	0.87		15.1	14.94	93	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Post Digestion Spike - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31372-B-9-Q PDS
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 09/23/2011 1847
 Prep Date: 09/23/2011 0713
 Leach Date: N/A

Analysis Batch: 460-87216
 Prep Batch: 460-87058
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 09232011A.asc
 Initial Weight/Volume: 1.05 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	1.5 U	15.1	14.18	94	75 - 125	
Calcium	2400	6060	8392	99	75 - 125	
Chromium	33.3	60.6	90.67	95	75 - 125	
Cobalt	9.1 J	151	153.2	95	75 - 125	
Copper	9.3	75.7	81.71	96	75 - 125	
Iron	41900	303	42060	NC	75 - 125	
Lead	10.9	151	156.7	96	75 - 125	
Magnesium	6800	6060	12400	93	75 - 125	
Manganese	367	151	515.4	98	75 - 125	
Nickel	22.8	151	168.8	96	75 - 125	
Potassium	2910	6060	8440	91	75 - 125	
Selenium	3.0 U	606	536.6	89	75 - 125	
Silver	3.0 U	15.1	12.95	85	75 - 125	
Sodium	1040 J	6060	6626	92	75 - 125	
Thallium	3.0 U	606	585.4	97	75 - 125	
Vanadium	39.1	151	179.1	92	75 - 125	
Zinc	72.6	151	213.9	93	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Duplicate - Batch: 460-87058

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-31372-B-9-R DU ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/23/2011 1832
Prep Date: 09/23/2011 0713
Leach Date: N/A

Analysis Batch: 460-87216
Prep Batch: 460-87058
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09232011A.asc
Initial Weight/Volume: 1.05 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	12900		13680	6	20	
Antimony	3.0	U	3.0	NC	20	U
Arsenic	12.2		13.92	13	20	
Barium	29.5	J	31.22	6	20	J
Beryllium	0.87		0.936	8	20	
Cadmium	1.5	U	1.5	NC	20	U
Calcium	2400		2419	0.7	20	
Chromium	33.3		34.98	5	20	
Cobalt	9.1	J	9.39	3	20	J
Copper	9.3		9.46	2	20	
Iron	41900		43060	3	20	
Lead	10.9		10.41	5	20	
Magnesium	6800		7068	4	20	
Manganese	367		371.6	1	20	
Nickel	22.8		23.76	4	20	
Potassium	2910		3143	8	20	
Selenium	3.0	U	3.0	NC	20	U
Silver	3.0	U	3.0	NC	20	U
Sodium	1040	J	1039	0.4	20	J
Thallium	3.0	U	3.0	NC	20	U
Vanadium	39.1		41.49	6	20	
Zinc	72.6		74.29	2	20	

Serial Dilution - Batch: 460-87058

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-31372-B-9-Q SD ^20
Client Matrix: Solid
Dilution: 20
Analysis Date: 09/23/2011 1840
Prep Date: 09/23/2011 0713
Leach Date: N/A

Analysis Batch: 460-87216
Prep Batch: 460-87058
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09232011A.asc
Initial Weight/Volume: 1.05 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	12900		13000	1.0	10	
Antimony	3.0	U	15.1	NC	10	U
Arsenic	12.2		10.78	NC	10	
Barium	29.5	J	29.35	NC	10	J
Beryllium	0.87		3.0	NC	10	U
Cadmium	1.5	U	7.6	NC	10	U
Calcium	2400		2415	0.55	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Serial Dilution - Batch: 460-87058

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31372-B-9-Q SD ^20
 Client Matrix: Solid
 Dilution: 20
 Analysis Date: 09/23/2011 1840
 Prep Date: 09/23/2011 0713
 Leach Date: N/A

Analysis Batch: 460-87216
 Prep Batch: 460-87058
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 09232011A.asc
 Initial Weight/Volume: 1.05 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	33.3		31.72	NC	10	
Cobalt	9.1	J	9.76	NC	10	J
Copper	9.3		37.9	NC	10	U
Iron	41900		41840	0.25	10	
Lead	10.9		11.60	NC	10	
Magnesium	6800		6897	1.5	10	J
Manganese	367		368.4	0.45	10	
Nickel	22.8		23.74	NC	10	J
Potassium	2910		3109	NC	10	J
Selenium	3.0	U	15.1	NC	10	U
Silver	3.0	U	15.1	NC	10	U
Sodium	1040	J	1005	NC	10	J
Thallium	3.0	U	15.1	NC	10	U
Vanadium	39.1		40.05	2.4	10	J
Zinc	72.6		72.65	NC	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Method Blank - Batch: 460-86855

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 460-86855/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/21/2011 2048
Prep Date: 09/21/2011 1800
Leach Date: N/A

Analysis Batch: 460-86868
Prep Batch: 460-86855
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092111.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.033	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-86855

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 09/21/2011 2050
Prep Date: 09/21/2011 1800
Leach Date: N/A

Analysis Batch: 460-86868
Prep Batch: 460-86855
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092111.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.65	102	51.3 - 149	

Matrix Spike - Batch: 460-86855

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-31372-B-9-A MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/21/2011 2056
Prep Date: 09/21/2011 1800
Leach Date: N/A

Analysis Batch: 460-86868
Prep Batch: 460-86855
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092111.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.052 U	0.265	0.297	112	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Duplicate - Batch: 460-86855

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-31372-A-9-B DU	Analysis Batch:	460-86868	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-86855	Lab File ID:	092111.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2011 2054	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1800				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.052 U	0.0419	NC	20	J

Serial Dilution - Batch: 460-86855

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-31372-A-9-A SD ^5	Analysis Batch:	460-86868	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-86855	Lab File ID:	092111.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/21/2011 2148	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/21/2011 1800				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.052 U	0.26	NC		U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Duplicate - Batch: 460-86809

Method: Moisture Preparation: N/A

Lab Sample ID:	460-31340-D-10 DU	Analysis Batch:	460-86809	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:	09/21/2011 1351	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	18.1	18.2	1	20	
Percent Solids	81.9	81.8	0.2	20	

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
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
	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.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
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.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-87208					
460-31328-C-7-A MS	Matrix Spike	T	Solid	5035	
460-31328-C-7-A MSD	Matrix Spike Duplicate	T	Solid	5035	
460-31330-1	SO-17338-091411-MM-07	T	Solid	5035	
460-31330-4	SO-17338-091411-MM-10	T	Solid	5035	
Analysis Batch:460-87364					
LCS 460-87364/3	Lab Control Sample	T	Solid	8260B	
MB 460-87364/4	Method Blank	T	Solid	8260B	
460-31328-C-7-A MS	Matrix Spike	T	Solid	8260B	460-87208
460-31328-C-7-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-87208
460-31330-1	SO-17338-091411-MM-07	T	Solid	8260B	460-87208
460-31330-4	SO-17338-091411-MM-10	T	Solid	8260B	460-87208

Report Basis

T = Total

GC/MS Semi VOA

Prep Batch: 460-87314					
LCS 460-87314/2-A	Lab Control Sample	T	Solid	3541	
MB 460-87314/1-A	Method Blank	T	Solid	3541	
460-30924-A-5-L MS	Matrix Spike	T	Solid	3541	
460-30924-A-5-M MSD	Matrix Spike Duplicate	T	Solid	3541	
460-31330-4	SO-17338-091411-MM-10	T	Solid	3541	
Analysis Batch:460-87606					
LCS 460-87314/2-A	Lab Control Sample	T	Solid	8270C	460-87314
MB 460-87314/1-A	Method Blank	T	Solid	8270C	460-87314
460-30924-A-5-L MS	Matrix Spike	T	Solid	8270C	460-87314
460-30924-A-5-M MSD	Matrix Spike Duplicate	T	Solid	8270C	460-87314
460-31330-4	SO-17338-091411-MM-10	T	Solid	8270C	460-87314

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-86887					
LCS 460-86887/2-A	Lab Control Sample	T	Solid	3541	
MB 460-86887/1-A	Method Blank	T	Solid	3541	
460-31330-3	SO-17338-091411-MM-09	T	Solid	3541	
460-31330-3MS	Matrix Spike	T	Solid	3541	
460-31330-3MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-86888					
LCS 460-86888/2-A	Lab Control Sample	T	Solid	3541	
MB 460-86888/1-A	Method Blank	T	Solid	3541	
460-31330-3	SO-17338-091411-MM-09	T	Solid	3541	
460-31330-3MS	Matrix Spike	T	Solid	3541	
460-31330-3MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-86978					
LCS 460-86887/2-A	Lab Control Sample	T	Solid	8082	460-86887
MB 460-86887/1-A	Method Blank	T	Solid	8082	460-86887
460-31330-3	SO-17338-091411-MM-09	T	Solid	8082	460-86887
460-31330-3MS	Matrix Spike	T	Solid	8082	460-86887
460-31330-3MSD	Matrix Spike Duplicate	T	Solid	8082	460-86887
Analysis Batch:460-86980					
LCS 460-86888/2-A	Lab Control Sample	T	Solid	8081A	460-86888
MB 460-86888/1-A	Method Blank	T	Solid	8081A	460-86888
Analysis Batch:460-87016					
460-31330-3	SO-17338-091411-MM-09	T	Solid	8081A	460-86888
460-31330-3MS	Matrix Spike	T	Solid	8081A	460-86888
460-31330-3MSD	Matrix Spike Duplicate	T	Solid	8081A	460-86888

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-86855					
LCSSRM 460-86855/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-86855/10-A	Method Blank	T	Solid	7471A	
460-31330-1	SO-17338-091411-MM-07	T	Solid	7471A	
460-31330-4	SO-17338-091411-MM-10	T	Solid	7471A	
460-31372-A-9-B DU	Duplicate	T	Solid	7471A	
460-31372-B-9-A MS	Matrix Spike	T	Solid	7471A	
Analysis Batch:460-86868					
LCSSRM 460-86855/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-86855
MB 460-86855/10-A	Method Blank	T	Solid	7471A	460-86855
460-31330-1	SO-17338-091411-MM-07	T	Solid	7471A	460-86855
460-31330-4	SO-17338-091411-MM-10	T	Solid	7471A	460-86855
460-31372-A-9-B DU	Duplicate	T	Solid	7471A	460-86855
460-31372-B-9-A MS	Matrix Spike	T	Solid	7471A	460-86855
Prep Batch: 460-87058					
LCSSRM 460-87058/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-87058/1-A ^2	Method Blank	T	Solid	3050B	
460-31330-1	SO-17338-091411-MM-07	T	Solid	3050B	
460-31330-4	SO-17338-091411-MM-10	T	Solid	3050B	
460-31372-B-9-R DU ^4	Duplicate	T	Solid	3050B	
460-31372-B-9-S MS ^4	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-87216					
LCSSRM 460-87058/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-87058
MB 460-87058/1-A ^2	Method Blank	T	Solid	6010B	460-87058
460-31330-1	SO-17338-091411-MM-07	T	Solid	6010B	460-87058
460-31330-4	SO-17338-091411-MM-10	T	Solid	6010B	460-87058
460-31372-B-9-R DU ^4	Duplicate	T	Solid	6010B	460-87058
460-31372-B-9-S MS ^4	Matrix Spike	T	Solid	6010B	460-87058

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-86809					
460-31330-1	SO-17338-091411-MM-07	T	Solid	Moisture	
460-31330-2	SO-17338-091411-MM-08	T	Solid	Moisture	
460-31330-3	SO-17338-091411-MM-09	T	Solid	Moisture	
460-31330-4	SO-17338-091411-MM-10	T	Solid	Moisture	
460-31340-D-10 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Laboratory Chronicle

Lab ID: 460-31330-1

Client ID: SO-17338-091411-MM-07

Sample Date/Time: 09/14/2011 10:20

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31330-D-1-A		460-87364	460-87208	09/24/2011 14:41	50	TAL EDI	FJ
A:8260B	460-31330-D-1-A		460-87364	460-87208	09/27/2011 04:02	50	TAL EDI	KB
P:3050B	460-31330-A-1-A ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	460-31330-A-1-A ^4		460-87216	460-87058	09/23/2011 20:08	4	TAL EDI	CDC
P:7471A	460-31330-E-1-A		460-86868	460-86855	09/21/2011 18:00	1	TAL EDI	TS
A:7471A	460-31330-E-1-A		460-86868	460-86855	09/21/2011 21:20	1	TAL EDI	TS
A:Moisture	460-31330-B-1		460-86809		09/21/2011 13:51	1	TAL EDI	CHA

Lab ID: 460-31330-2

Client ID: SO-17338-091411-MM-08

Sample Date/Time: 09/14/2011 10:50

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31330-B-2		460-86809		09/21/2011 13:51	1	TAL EDI	CHA

Lab ID: 460-31330-3

Client ID: SO-17338-091411-MM-09

Sample Date/Time: 09/14/2011 14:00

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-31330-E-3-F		460-87016	460-86888	09/22/2011 05:30	1	TAL EDI	ARA
A:8081A	460-31330-E-3-F		460-87016	460-86888	09/22/2011 14:11	1	TAL EDI	CDC
P:3541	460-31330-E-3-C		460-86978	460-86887	09/22/2011 05:21	1	TAL EDI	ARA
A:8082	460-31330-E-3-C		460-86978	460-86887	09/22/2011 10:13	1	TAL EDI	SD
A:Moisture	460-31330-B-3		460-86809		09/21/2011 13:51	1	TAL EDI	CHA

Lab ID: 460-31330-3 MS

Client ID: SO-17338-091411-MM-09

Sample Date/Time: 09/14/2011 14:00

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-31330-E-3-D MS		460-87016	460-86888	09/22/2011 05:30	1	TAL EDI	ARA
A:8081A	460-31330-E-3-D MS		460-87016	460-86888	09/22/2011 13:42	1	TAL EDI	CDC
P:3541	460-31330-E-3-A MS		460-86978	460-86887	09/22/2011 05:21	1	TAL EDI	ARA
A:8082	460-31330-E-3-A MS		460-86978	460-86887	09/22/2011 11:01	1	TAL EDI	SD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Laboratory Chronicle

Lab ID: 460-31330-3 MSD

Client ID: SO-17338-091411-MM-09

Sample Date/Time: 09/14/2011 14:00

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-31330-E-3-E MSD		460-87016	460-86888	09/22/2011 05:30	1	TAL EDI	ARA
A:8081A	460-31330-E-3-E MSD		460-87016	460-86888	09/22/2011 13:56	1	TAL EDI	CDC
P:3541	460-31330-E-3-B MSD		460-86978	460-86887	09/22/2011 05:21	1	TAL EDI	ARA
A:8082	460-31330-E-3-B MSD		460-86978	460-86887	09/22/2011 11:17	1	TAL EDI	SD

Lab ID: 460-31330-4

Client ID: SO-17338-091411-MM-10

Sample Date/Time: 09/14/2011 14:30

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31330-D-4-A		460-87364	460-87208	09/24/2011 14:43	50	TAL EDI	FJ
A:8260B	460-31330-D-4-A		460-87364	460-87208	09/27/2011 04:27	50	TAL EDI	KB
P:3541	460-31330-A-4-B		460-87606	460-87314	09/26/2011 12:00	1	TAL EDI	cm
A:8270C	460-31330-A-4-B		460-87606	460-87314	09/28/2011 04:46	1	TAL EDI	MC
P:3050B	460-31330-A-4-A ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	460-31330-A-4-A ^4		460-87216	460-87058	09/23/2011 20:12	4	TAL EDI	CDC
P:7471A	460-31330-E-4-B		460-86868	460-86855	09/21/2011 18:00	1	TAL EDI	TS
A:7471A	460-31330-E-4-B		460-86868	460-86855	09/21/2011 21:22	1	TAL EDI	TS
A:Moisture	460-31330-B-4		460-86809		09/21/2011 13:51	1	TAL EDI	CHA

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 460-87364/4		460-87364		09/26/2011 21:00	50	TAL EDI	KB
P:3541	MB 460-87314/1-A		460-87606	460-87314	09/26/2011 12:00	1	TAL EDI	cm
A:8270C	MB 460-87314/1-A		460-87606	460-87314	09/28/2011 00:59	1	TAL EDI	MC
P:3541	MB 460-86888/1-A		460-86980	460-86888	09/22/2011 05:30	1	TAL EDI	ARA
A:8081A	MB 460-86888/1-A		460-86980	460-86888	09/22/2011 12:18	1	TAL EDI	FM
P:3541	MB 460-86887/1-A		460-86978	460-86887	09/22/2011 05:21	1	TAL EDI	ARA
A:8082	MB 460-86887/1-A		460-86978	460-86887	09/22/2011 09:42	1	TAL EDI	SD
P:3050B	MB 460-87058/1-A ^2		460-87216	460-87058	09/23/2011 07:13	2	TAL EDI	MC
A:6010B	MB 460-87058/1-A ^2		460-87216	460-87058	09/23/2011 19:05	2	TAL EDI	CDC
P:7471A	MB 460-86855/10-A		460-86868	460-86855	09/21/2011 18:00	1	TAL EDI	TS
A:7471A	MB 460-86855/10-A		460-86868	460-86855	09/21/2011 20:48	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-87364/3		460-87364		09/26/2011 20:10	50	TAL EDI	KB
P:3541	LCS 460-87314/2-A		460-87606	460-87314	09/26/2011 12:00	1	TAL EDI	cm
A:8270C	LCS 460-87314/2-A		460-87606	460-87314	09/28/2011 00:34	1	TAL EDI	MC
P:3541	LCS 460-86888/2-A		460-86980	460-86888	09/22/2011 05:30	1	TAL EDI	ARA
A:8081A	LCS 460-86888/2-A		460-86980	460-86888	09/22/2011 12:04	1	TAL EDI	FM
P:3541	LCS 460-86887/2-A		460-86978	460-86887	09/22/2011 05:21	1	TAL EDI	ARA
A:8082	LCS 460-86887/2-A		460-86978	460-86887	09/22/2011 09:57	1	TAL EDI	SD

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 460-87058/2-A ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	LCSSRM 460-87058/2-A ^4		460-87216	460-87058	09/23/2011 19:09	4	TAL EDI	CDC
P:7471A	LCSSRM 460-86855/11-A ^10		460-86868	460-86855	09/21/2011 18:00	10	TAL EDI	TS
A:7471A	LCSSRM 460-86855/11-A ^10		460-86868	460-86855	09/21/2011 20:50	10	TAL EDI	TS

Lab ID: MS

Client ID: N/A

Sample Date/Time: 09/15/2011 13:15

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31328-C-7-A MS		460-87364	460-87208	09/24/2011 14:46	50	TAL EDI	FJ
A:8260B	460-31328-C-7-A MS		460-87364	460-87208	09/27/2011 02:22	50	TAL EDI	KB
P:3541	460-30924-A-5-L MS		460-87606	460-87314	09/26/2011 12:00	1	TAL EDI	cm
A:8270C	460-30924-A-5-L MS		460-87606	460-87314	09/28/2011 02:16	1	TAL EDI	MC
P:3050B	460-31372-B-9-S MS ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	460-31372-B-9-S MS ^4		460-87216	460-87058	09/23/2011 18:43	4	TAL EDI	CDC
P:7471A	460-31372-B-9-A MS		460-86868	460-86855	09/21/2011 18:00	1	TAL EDI	TS
A:7471A	460-31372-B-9-A MS		460-86868	460-86855	09/21/2011 20:56	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Laboratory Chronicle

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 09/15/2011 13:15

Received Date/Time: 09/19/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31328-C-7-A MSD		460-87364	460-87208	09/24/2011 14:46	50	TAL EDI	FJ
A:8260B	460-31328-C-7-A MSD		460-87364	460-87208	09/27/2011 02:48	50	TAL EDI	KB
P:3541	460-30924-A-5-M MSD		460-87606	460-87314	09/26/2011 12:00	1	TAL EDI	cm
A:8270C	460-30924-A-5-M MSD		460-87606	460-87314	09/28/2011 02:40	1	TAL EDI	MC

Lab ID: DU

Client ID: N/A

Sample Date/Time: 09/20/2011 11:38

Received Date/Time: 09/20/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-31372-B-9-R DU ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	460-31372-B-9-R DU ^4		460-87216	460-87058	09/23/2011 18:32	4	TAL EDI	CDC
P:7471A	460-31372-A-9-B DU		460-86868	460-86855	09/21/2011 18:00	1	TAL EDI	TS
A:7471A	460-31372-A-9-B DU		460-86868	460-86855	09/21/2011 20:54	1	TAL EDI	TS
A:Moisture	460-31340-D-10 DU		460-86809		09/21/2011 13:51	1	TAL EDI	CHA

Lab ID: SD

Client ID: N/A

Sample Date/Time: 09/20/2011 11:38

Received Date/Time: 09/20/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-31372-B-9-Q SD ^20		460-87216	460-87058	09/23/2011 07:13	20	TAL EDI	MC
A:6010B	460-31372-B-9-Q SD ^20		460-87216	460-87058	09/23/2011 18:40	20	TAL EDI	CDC
P:3050B	460-31372-B-9-Q PDS ^4		460-87216	460-87058	09/23/2011 07:13	4	TAL EDI	MC
A:6010B	460-31372-B-9-Q PDS ^4		460-87216	460-87058	09/23/2011 18:47	4	TAL EDI	CDC
P:7471A	460-31372-A-9-A SD ^5		460-86868	460-86855	09/21/2011 18:00	5	TAL EDI	TS
A:7471A	460-31372-A-9-A SD ^5		460-86868	460-86855	09/21/2011 21:48	5	TAL EDI	TS

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

Volatile Organics (GC/MS) by Method
8260 (Delaware)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Medium
GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SO-17338-091411-MM-07	460-31330-1	103	99	107
SO-17338-091411-MM-10	460-31330-4	101	99	109
	MB 460-87364/4	92	91	105
	LCS 460-87364/3	104	99	103
	460-31328-C-7-A MS	104	98	104
	460-31328-C-7-A MSD	103	97	108

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j03965.d
 Lab ID: LCS 460-87364/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	2000	1980	99	78-118	
Benzene	2000	2010	101	71-118	
cis-1,3-Dichloropropene	2000	1980	99	75-120	
Carbon disulfide	2000	1860	93	70-120	
Bromoform	2000	1960	98	76-133	
Tetrachloroethene	2000	1880	94	78-136	
1,1-Dichloroethane	2000	2130	107	79-119	
1,2-Dichloroethane	2000	2110	106	81-121	
1,2-Dichloropropane	2000	1950	98	78-118	
1,1,2-Trichloroethane	2000	1910	95	77-120	
Acetone	2000	2750	137	48-177	
Methyl acetate	2000	1490	74	72-165	
Dichlorodifluoromethane	2000	1620	81	41-149	
4-Methyl-2-pentanone (MIBK)	2000	1950	97	69-124	
1,1,2-Trichloro-1,2,2-trifluor oethane	2000	2210	111	50-128	
Methylene Chloride	2000	2050	102	78-118	
Chloromethane	2000	1730	87	52-144	
Bromomethane	2000	1650	83	58-154	
Chlorodibromomethane	2000	1970	98	78-118	
Toluene	2000	1940	97	79-136	
1,2,4-Trichlorobenzene	2000	2210	110	62-144	
Chlorobenzene	2000	1850	92	69-124	
1,2-Dibromo-3-Chloropropane	2000	2150	107	62-127	
1,3-Dichlorobenzene	2000	2030	101	83-123	
Methyl tert-butyl ether	2000	2070	103	65-143	
Styrene	2000	1910	95	73-126	
trans-1,2-Dichloroethene	2000	2040	102	73-119	
1,1,2,2-Tetrachloroethane	2000	2070	103	86-145	
Chloroethane	2000	1830	92	66-144	
1,1-Dichloroethene	2000	2010	100	68-138	
1,2-Dichlorobenzene	2000	2040	102	83-123	
Trichloroethene	2000	2020	101	82-122	
2-Hexanone	2000	1830	91	62-123	
2-Butanone (MEK)	2000	1950	98	70-139	
Ethylbenzene	2000	1930	96	78-124	
Isopropylbenzene	2000	1940	97	80-143	
Methylcyclohexane	2000	2040	102	80-134	
Trichlorofluoromethane	2000	2100	105	60-148	
Cyclohexane	2000	2170	109	69-128	
trans-1,3-Dichloropropene	2000	1940	97	73-118	
cis-1,2-Dichloroethene	2000	2000	100	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j03965.d
Lab ID: LCS 460-87364/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloroform	2000	2050	103	81-122	
Vinyl chloride	2000	1890	95	55-154	
1,2-Dibromoethane	2000	1930	97	76-120	
Carbon tetrachloride	2000	2020	101	64-130	
1,4-Dichlorobenzene	2000	2200	110	84-124	
Dichlorobromomethane	2000	1990	100	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j03979.d
Lab ID: 460-31328-C-7-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	1920	96 U	1800	94	78-118	
Benzene	1920	96 U	1740	91	71-118	
cis-1,3-Dichloropropene	1920	96 U	1770	93	75-120	
Carbon disulfide	1920	96 U	1450	76	70-120	
Bromoform	1920	96 U	1840	96	76-133	
Tetrachloroethene	1920	96 U	1810	94	78-136	
1,1-Dichloroethane	1920	96 U	1720	90	79-119	
1,2-Dichloroethane	1920	96 U	2020	105	81-121	
1,2-Dichloropropane	1920	96 U	1910	100	78-118	
1,1,2-Trichloroethane	1920	96 U	1710	90	77-120	
Acetone	1920	960 U	1900	99	48-177	
Methyl acetate	1920	190 U	1400	73	72-165	
Dichlorodifluoromethane	1920	96 U	1500	78	41-149	
4-Methyl-2-pentanone (MIBK)	1920	960 U	1620	85	69-124	
1,1,2-Trichloro-1,2,2-trifluoroethane	1920	96 U	1790	94	50-128	
Methylene Chloride	1920	96 U	1760	92	78-118	
Chloromethane	1920	96 U	1710	89	52-144	
Bromomethane	1920	96 U	1170	61	58-164	
Chlorodibromomethane	1920	96 U	1800	94	78-118	
Toluene	1920	96 U	1820	95	79-136	
1,2,4-Trichlorobenzene	1920	96 U	2060	108	62-144	
Chlorobenzene	1920	96 U	1780	93	69-124	
1,2-Dibromo-3-Chloropropane	1920	96 U	1840	96	62-127	
1,3-Dichlorobenzene	1920	96 U	1810	95	83-123	
Methyl tert-butyl ether	1920	96 U	1710	89	65-143	
Styrene	1920	96 U	1870	98	73-126	
trans-1,2-Dichloroethene	1920	96 U	1710	89	73-119	
1,1,2,2-Tetrachloroethane	1920	96 U	1720	90	86-145	
Chloroethane	1920	96 U	907	47	66-144	F
1,1-Dichloroethene	1920	96 U	1710	89	68-138	
1,2-Dichlorobenzene	1920	96 U	1840	96	83-123	
Trichloroethene	1920	96 U	1870	97	82-122	
2-Hexanone	1920	960 U	1730	90	62-123	
2-Butanone (MEK)	1920	960 U	1640	85	70-139	
Ethylbenzene	1920	96 U	1860	97	78-124	
Isopropylbenzene	1920	96 U	1920	100	80-143	
Methylcyclohexane	1920	96 U	1890	99	80-134	
Trichlorofluoromethane	1920	96 U	1560	81	60-148	
Cyclohexane	1920	96 U	1800	94	69-128	
trans-1,3-Dichloropropene	1920	96 U	1770	92	73-118	
cis-1,2-Dichloroethene	1920	96 U	1800	94	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j03979.d
Lab ID: 460-31328-C-7-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloroform	1920	96 U	1810	94	81-122	
Vinyl chloride	1920	96 U	1920	100	55-154	
1,2-Dibromoethane	1920	96 U	1830	96	76-120	
Carbon tetrachloride	1920	96 U	1920	100	64-130	
1,4-Dichlorobenzene	1920	96 U	2070	108	84-124	
Dichlorobromomethane	1920	96 U	1920	100	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j03980.d
 Lab ID: 460-31328-C-7-A MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	1920	1840	96	2	30	78-118	
Benzene	1920	1700	89	2	30	71-118	
cis-1,3-Dichloropropene	1920	1760	92	1	30	75-120	
Carbon disulfide	1920	1520	79	4	30	70-120	
Bromoform	1920	1760	92	5	30	76-133	
Tetrachloroethene	1920	1860	97	3	30	78-136	
1,1-Dichloroethane	1920	1780	93	3	30	79-119	
1,2-Dichloroethane	1920	1970	103	3	30	81-121	
1,2-Dichloropropane	1920	1880	98	2	30	78-118	
1,1,2-Trichloroethane	1920	1650	86	4	30	77-120	
Acetone	1920	1580	83	18	30	48-177	
Methyl acetate	1920	1430	75	2	30	72-165	
Dichlorodifluoromethane	1920	1560	82	4	30	41-149	
4-Methyl-2-pentanone (MIBK)	1920	1600	84	1	30	69-124	
1,1,2-Trichloro-1,2,2-trifluoroethane	1920	1730	90	4	30	50-128	
Methylene Chloride	1920	1700	89	3	30	78-118	
Chloromethane	1920	1780	93	4	30	52-144	
Bromomethane	1920	1180	62	1	30	58-164	
Chlorodibromomethane	1920	1820	95	1	30	78-118	
Toluene	1920	1820	95	0	30	79-136	
1,2,4-Trichlorobenzene	1920	2130	111	3	30	62-144	
Chlorobenzene	1920	1800	94	1	30	69-124	
1,2-Dibromo-3-Chloropropane	1920	1780	93	3	30	62-127	
1,3-Dichlorobenzene	1920	1830	95	1	30	83-123	
Methyl tert-butyl ether	1920	1720	90	0	30	65-143	
Styrene	1920	1860	97	0	30	73-126	
trans-1,2-Dichloroethene	1920	1790	93	5	30	73-119	
1,1,2,2-Tetrachloroethane	1920	1700	89	1	30	86-145	
Chloroethane	1920	934	49	3	30	66-144	F
1,1-Dichloroethene	1920	1740	91	2	30	68-138	
1,2-Dichlorobenzene	1920	1930	100	5	30	83-123	
Trichloroethene	1920	1880	98	1	30	82-122	
2-Hexanone	1920	1540	81	11	30	62-123	
2-Butanone (MEK)	1920	1600	83	3	30	70-139	
Ethylbenzene	1920	1850	96	1	30	78-124	
Isopropylbenzene	1920	1910	100	1	30	80-143	
Methylcyclohexane	1920	1790	93	6	30	80-134	
Trichlorofluoromethane	1920	1520	80	2	30	60-148	
Cyclohexane	1920	1870	97	3	30	69-128	
trans-1,3-Dichloropropene	1920	1780	93	1	30	73-118	
cis-1,2-Dichloroethene	1920	1810	94	0	30	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j03980.d
 Lab ID: 460-31328-C-7-A MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloroform	1920	1780	93	1	30	81-122	
Vinyl chloride	1920	2050	107	6	30	55-154	
1,2-Dibromoethane	1920	1770	92	3	30	76-120	
Carbon tetrachloride	1920	1870	98	3	30	64-130	
1,4-Dichlorobenzene	1920	2040	106	2	30	84-124	
Dichlorobromomethane	1920	1960	102	2	30	78-118	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab File ID: j03967.d Lab Sample ID: MB 460-87364/4
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 09/26/2011 21:00
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-87364/3	j03965.d	09/26/2011 20:10
	460-31328-C-7-A MS	j03979.d	09/27/2011 02:22
	460-31328-C-7-A MSD	j03980.d	09/27/2011 02:48
SO-17338-091411-MM-07	460-31330-1	j03983.d	09/27/2011 04:02
SO-17338-091411-MM-10	460-31330-4	j03984.d	09/27/2011 04:27

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab File ID: j03832.d BFB Injection Date: 09/22/2011
 Instrument ID: VOAMS8 BFB Injection Time: 01:35
 Analysis Batch No.: 87107

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.0
75	30.0 - 60.0 % of mass 95	48.3
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	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	58.3
175	5.0 - 9.0 % of mass 174	4.3 (7.3) 1
176	95.0 - 101.0 % of mass 174	57.1 (98.0) 1
177	5.0 - 9.0 % of mass 176	3.7 (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 460-87107/2	j03834.d	09/22/2011	02:30
	IC 460-87107/3	j03836.d	09/22/2011	03:20
	ICIS 460-87107/4	j03837.d	09/22/2011	03:45
	IC 460-87107/5	j03838.d	09/22/2011	04:10
	IC 460-87107/6	j03839.d	09/22/2011	04:35
	IC 460-87107/7	j03840.d	09/22/2011	05:00

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab File ID: j03962.d BFB Injection Date: 09/26/2011
 Instrument ID: VOAMS8 BFB Injection Time: 18:31
 Analysis Batch No.: 87364

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	24.4
75	30.0 - 60.0 % of mass 95	51.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	55.6
175	5.0 - 9.0 % of mass 174	3.8 (6.9) 1
176	95.0 - 101.0 % of mass 174	53.6 (96.6) 1
177	5.0 - 9.0 % of mass 176	3.7 (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 460-87364/2	j03964.d	09/26/2011	19:24
	LCS 460-87364/3	j03965.d	09/26/2011	20:10
	MB 460-87364/4	j03967.d	09/26/2011	21:00
	460-31328-C-7-A MS	j03979.d	09/27/2011	02:22
	460-31328-C-7-A MSD	j03980.d	09/27/2011	02:48
SO-17338-091411-MM-07	460-31330-1	j03983.d	09/27/2011	04:02
SO-17338-091411-MM-10	460-31330-4	j03984.d	09/27/2011	04:27
	CCV 460-87364/23	j03988.d	09/27/2011	06:08

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVIS 460-87364/2 Date Analyzed: 09/26/2011 19:24
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j03964.d Heated Purge: (Y/N) N
 Calibration ID: 12341

		FB		CBZ		DCB		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		1054737	7.87	723930	11.32	303495	13.75	
UPPER LIMIT		2109474	8.37	1447860	11.82	606990	14.25	
LOWER LIMIT		527369	7.37	361965	10.82	151748	13.25	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-87364/3		1009585	7.84	694534	11.31	271766	13.74	
MB 460-87364/4		854126	7.86	643230	11.32	246541	13.74	
460-31328-C-7-A MS		752016	7.86	570058	11.31	255706	13.73	
460-31328-C-7-A MSD		784453	7.85	597452	11.30	263373	13.74	
460-31330-1		SO-17338-091411-MM-07	765604	7.85	585286	11.31	253941	13.74
460-31330-4		SO-17338-091411-MM-10	799515	7.86	611334	11.31	263383	13.74
CCV 460-87364/23		781789	7.85	591374	11.32	248077	13.74	

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-07 Lab Sample ID: 460-31330-1
 Matrix: Solid Lab File ID: j03983.d
 Analysis Method: 8260B Date Collected: 09/14/2011 10:20
 Sample wt/vol: 14.88(g) Date Analyzed: 09/27/2011 04:02
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 7.3 Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	91	U	91	22
71-43-2	Benzene	91	U	91	11
10061-01-5	cis-1,3-Dichloropropene	91	U	91	9.3
75-15-0	Carbon disulfide	91	U	91	13
75-25-2	Bromoform	91	U	91	9.0
127-18-4	Tetrachloroethene	91	U	91	18
75-34-3	1,1-Dichloroethane	91	U	91	9.1
107-06-2	1,2-Dichloroethane	91	U	91	22
78-87-5	1,2-Dichloropropane	91	U	91	7.9
79-00-5	1,1,2-Trichloroethane	91	U	91	8.8
67-64-1	Acetone	910	U	910	220
79-20-9	Methyl acetate	180	U	180	30
75-71-8	Dichlorodifluoromethane	91	U	91	26
108-10-1	4-Methyl-2-pentanone (MIBK)	910	U	910	62
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	91	U	91	26
75-09-2	Methylene Chloride	91	U	91	17
74-87-3	Chloromethane	91	U	91	19
74-83-9	Bromomethane	91	U	91	28
124-48-1	Chlorodibromomethane	91	U	91	9.1
108-88-3	Toluene	91	U	91	8.6
120-82-1	1,2,4-Trichlorobenzene	91	U	91	40
108-90-7	Chlorobenzene	91	U	91	15
96-12-8	1,2-Dibromo-3-Chloropropane	91	U	91	14
541-73-1	1,3-Dichlorobenzene	91	U	91	20
1634-04-4	Methyl tert-butyl ether	91	U	91	17
100-42-5	Styrene	91	U	91	13
156-60-5	trans-1,2-Dichloroethene	91	U	91	12
79-34-5	1,1,2,2-Tetrachloroethane	91	U	91	7.8
75-00-3	Chloroethane	91	U	91	40
75-35-4	1,1-Dichloroethene	91	U	91	13
95-50-1	1,2-Dichlorobenzene	91	U	91	15
79-01-6	Trichloroethene	91	U	91	16
591-78-6	2-Hexanone	910	U	910	49
78-93-3	2-Butanone (MEK)	910	U	910	74
100-41-4	Ethylbenzene	91	U	91	22
98-82-8	Isopropylbenzene	91	U	91	19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-07 Lab Sample ID: 460-31330-1
 Matrix: Solid Lab File ID: j03983.d
 Analysis Method: 8260B Date Collected: 09/14/2011 10:20
 Sample wt/vol: 14.88(g) Date Analyzed: 09/27/2011 04:02
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 7.3 Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	91	U	91	7.3
75-69-4	Trichlorofluoromethane	91	U	91	14
1330-20-7	Xylenes, Total	270	U	270	39
110-82-7	Cyclohexane	91	U	91	11
10061-02-6	trans-1,3-Dichloropropene	91	U	91	11
156-59-2	cis-1,2-Dichloroethene	91	U	91	18
67-66-3	Chloroform	91	U	91	14
75-01-4	Vinyl chloride	91	U	91	11
106-93-4	1,2-Dibromoethane	91	U	91	8.3
56-23-5	Carbon tetrachloride	91	U	91	16
106-46-7	1,4-Dichlorobenzene	91	U	91	14
75-27-4	Dichlorobromomethane	91	U	91	8.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
2037-26-5	Toluene-d8 (Surr)	99		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-07 Lab Sample ID: 460-31330-1
Matrix: Solid Lab File ID: j03983.d
Analysis Method: 8260B Date Collected: 09/14/2011 10:20
Sample wt/vol: 14.88(g) Date Analyzed: 09/27/2011 04:02
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 7.3 Level: (low/med) Medium
Analysis Batch No.: 87364 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/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03983.d
 Report Date: 27-Sep-2011 10:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03983.d
 Lab Smp Id: 460-31330-D-1-A Client Smp ID: S0-17338-091411-MM-
 Inj Date : 27-SEP-2011 04:02
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31330-D-1-A;50;;14.88;25
 Misc Info : 460-31330-D-1-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 16
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.88000	Weight of sample extracted (g)
M	7.29537	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.457	(0.948)	297228	51.4877	4700	
* 52 Fluorobenzene	96	7.851	7.866	(1.000)	765604	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.720	9.723	(0.859)	647778	49.4531	4500	
* 78 Chlorobenzene-d5	117	11.312	11.317	(1.000)	585286	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.506	12.511	(0.910)	273841	53.5133	4800	
* 108 1,4-Dichlorobenzene-d4	152	13.736	13.745	(1.000)	253941	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03983.d
Report Date: 27-Sep-2011 10:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03983.d
Lab Smp Id: 460-31330-D-1-A Client Smp ID: S0-17338-091411-MM-
Inj Date : 27-SEP-2011 04:02
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31330-D-1-A;50;;14.88;25
Misc Info : 460-31330-D-1-A
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
Als bottle: 16
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03983.d

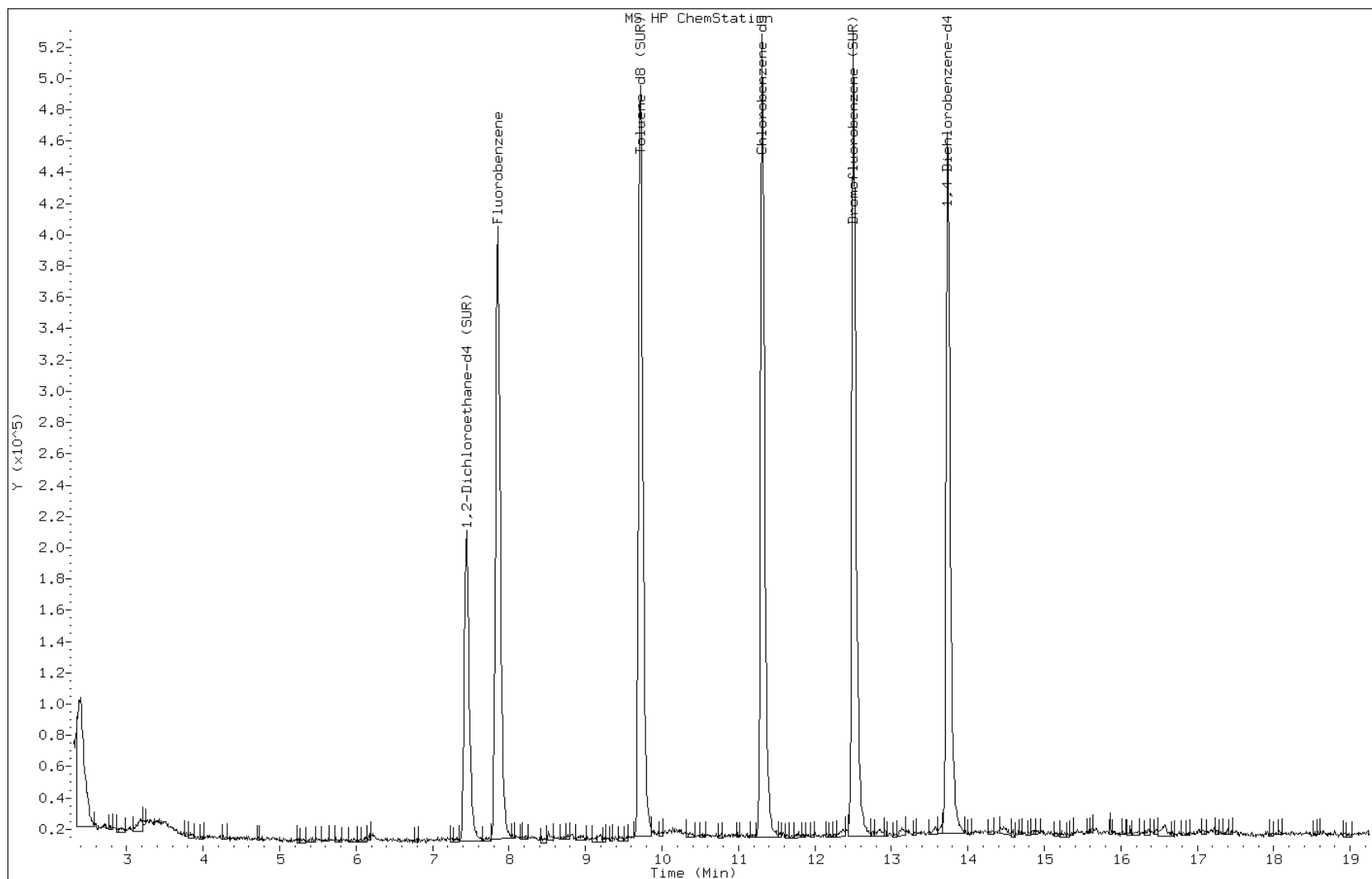
Date: 27-SEP-2011 04:02

Client ID: S0-17338-091411-MM-

Instrument: VOAMS8.i

Sample Info: 460-31330-D-1-A;50;;14.88;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: SO-17338-091411-MM-10 Lab Sample ID: 460-31330-4

Matrix: Solid Lab File ID: j03984.d

Analysis Method: 8260B Date Collected: 09/14/2011 14:30

Sample wt/vol: 14.53(g) Date Analyzed: 09/27/2011 04:27

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 14.3 Level: (low/med) Medium

Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	25
71-43-2	Benzene	100	U	100	12
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
75-15-0	Carbon disulfide	100	U	100	15
75-25-2	Bromoform	100	U	100	9.9
127-18-4	Tetrachloroethene	100	U	100	20
75-34-3	1,1-Dichloroethane	100	U	100	10
107-06-2	1,2-Dichloroethane	100	U	100	25
78-87-5	1,2-Dichloropropane	100	U	100	8.8
79-00-5	1,1,2-Trichloroethane	100	U	100	9.8
67-64-1	Acetone	1000	U	1000	250
79-20-9	Methyl acetate	200	U	200	33
75-71-8	Dichlorodifluoromethane	100	U	100	29
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
75-09-2	Methylene Chloride	100	U	100	19
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	32
124-48-1	Chlorodibromomethane	100	U	100	10
108-88-3	Toluene	100	U	100	9.5
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
108-90-7	Chlorobenzene	100	U	100	17
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
541-73-1	1,3-Dichlorobenzene	100	U	100	23
1634-04-4	Methyl tert-butyl ether	100	U	100	19
100-42-5	Styrene	100	U	100	14
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.7
75-00-3	Chloroethane	100	U	100	45
75-35-4	1,1-Dichloroethene	100	U	100	14
95-50-1	1,2-Dichlorobenzene	100	U	100	16
79-01-6	Trichloroethene	100	U	100	18
591-78-6	2-Hexanone	1000	U	1000	55
78-93-3	2-Butanone (MEK)	1000	U	1000	82
100-41-4	Ethylbenzene	100	U	100	25
98-82-8	Isopropylbenzene	100	U	100	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-10 Lab Sample ID: 460-31330-4
 Matrix: Solid Lab File ID: j03984.d
 Analysis Method: 8260B Date Collected: 09/14/2011 14:30
 Sample wt/vol: 14.53(g) Date Analyzed: 09/27/2011 04:27
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 14.3 Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	100	U	100	8.0
75-69-4	Trichlorofluoromethane	100	U	100	16
1330-20-7	Xylenes, Total	300	U	300	44
110-82-7	Cyclohexane	100	U	100	12
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
75-01-4	Vinyl chloride	100	U	100	12
106-93-4	1,2-Dibromoethane	100	U	100	9.2
56-23-5	Carbon tetrachloride	100	U	100	18
106-46-7	1,4-Dichlorobenzene	100	U	100	15
75-27-4	Dichlorobromomethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	109		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
2037-26-5	Toluene-d8 (Surr)	99		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-10 Lab Sample ID: 460-31330-4
Matrix: Solid Lab File ID: j03984.d
Analysis Method: 8260B Date Collected: 09/14/2011 14:30
Sample wt/vol: 14.53(g) Date Analyzed: 09/27/2011 04:27
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 14.3 Level: (low/med) Medium
Analysis Batch No.: 87364 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/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03984.d
 Report Date: 27-Sep-2011 10:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03984.d
 Lab Smp Id: 460-31330-D-4-A Client Smp ID: S0-17338-091411-MM-
 Inj Date : 27-SEP-2011 04:27
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31330-D-4-A;50;;14.53;25
 Misc Info : 460-31330-D-4-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 17
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.53000	Weight of sample extracted (g)
M	14.28571	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.448	7.457	(0.948)	305134	50.6153	5100	
* 52 Fluorobenzene	96	7.858	7.866	(1.000)	799515	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.717	9.723	(0.859)	674952	49.3322	5000	
* 78 Chlorobenzene-d5	117	11.310	11.317	(1.000)	611334	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.512	12.511	(0.911)	289202	54.4891	5500	
* 108 1,4-Dichlorobenzene-d4	152	13.738	13.745	(1.000)	263383	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03984.d
Report Date: 27-Sep-2011 10:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03984.d
Lab Smp Id: 460-31330-D-4-A Client Smp ID: S0-17338-091411-MM-
Inj Date : 27-SEP-2011 04:27
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31330-D-4-A;50;;14.53;25
Misc Info : 460-31330-D-4-A
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03984.d

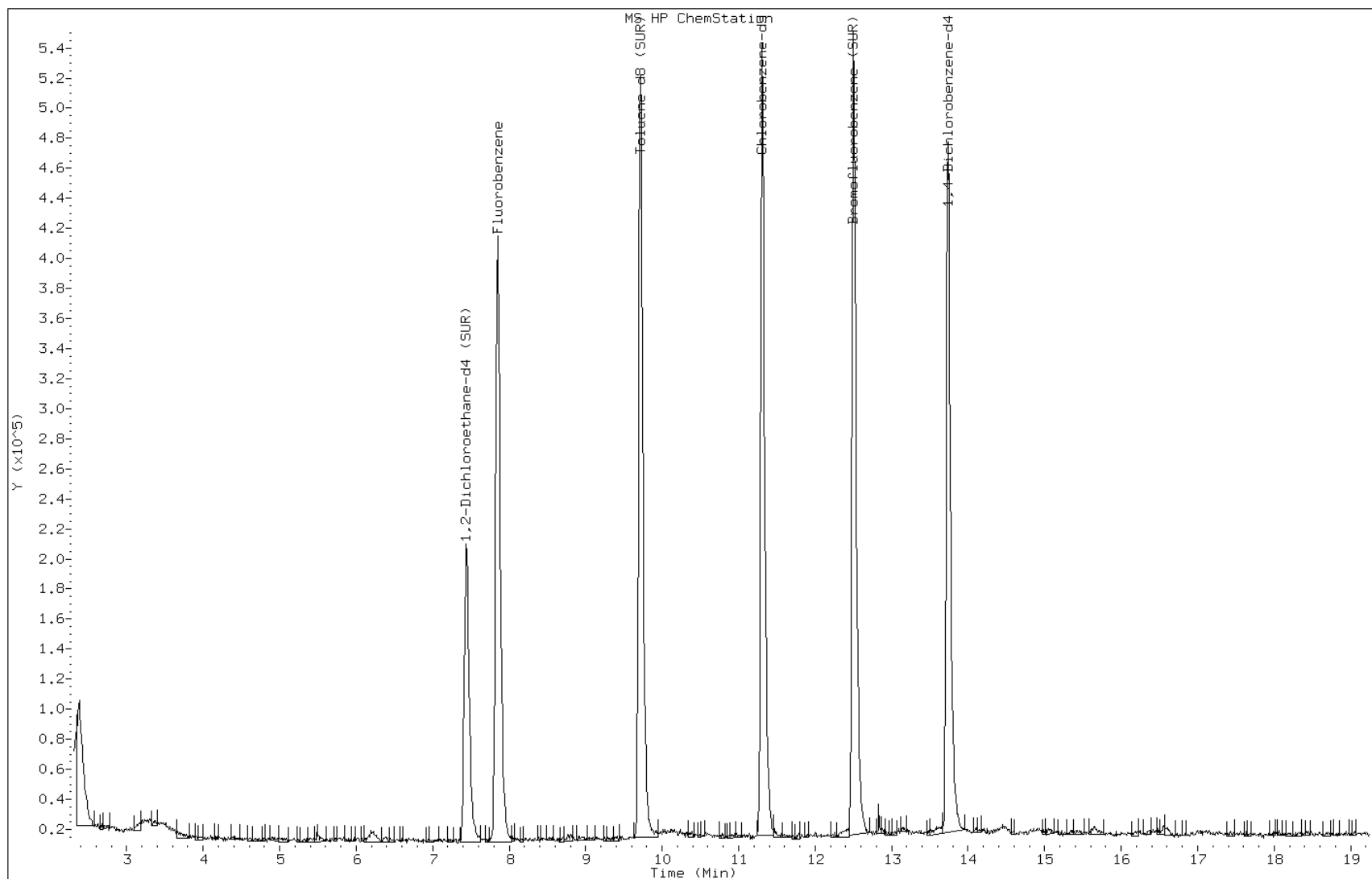
Date: 27-SEP-2011 04:27

Client ID: S0-17338-091411-MM-

Instrument: VOAMS8.i

Sample Info: 460-31330-D-4-A;50;;14.53;25

Operator:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	0.4193 0.6975	0.6015	0.5825	0.5270	0.6063	QuaF		1.7782	-0.049						0.9999		0.9900
Chloromethane	0.3402 0.5131	0.3857	0.3925	0.3760	0.4519	QuaF		2.3891	-0.086						0.9998		0.9900
Vinyl chloride	0.3494 0.5171	0.3621	0.3893	0.3811	0.4686	QuaF		2.2876	-0.069						0.9998		0.9900
Bromomethane	0.3968 0.4253	0.3789	0.3825	0.3491	0.4082	Ave		0.3901			0.1000	6.8		30.0			
Chloroethane	0.2212 0.2583	0.2374	0.2419	0.2270	0.2523	Ave		0.2397			0.1000	6.0		30.0			
Trichlorofluoromethane	0.6043 0.8948	0.7594	0.8085	0.7380	0.8077	Ave		0.7688			0.1000	12.6		30.0			
Ethyl ether	0.2586 0.2871	0.2663	0.2855	0.2697	0.2890	Ave		0.2760			0.1000	4.6		30.0			
1,1-Dichloroethene	0.3183 0.3826	0.3659	0.3668	0.3494	0.3775	Ave		0.3601			0.1000	6.5		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4895 0.6877	0.6525	0.6630	0.5382	0.6508	Ave		0.6136			0.1000	13.0		30.0			
Acetone	0.0250 0.0230	0.0213	0.0254	0.0241	0.0226	Ave		0.0236		*	0.1000	6.7		30.0			
Iodomethane	0.9182 1.0003	1.0215	0.9795	0.8920	1.0469	Ave		0.9764			0.1000	6.2		30.0			
Carbon disulfide	0.9654 1.1636	1.1000	1.1330	1.0474	1.2000	Ave		1.1016			0.1000	7.7		30.0			
Methyl acetate	0.1292 0.0787	0.0878	0.0775	0.0736	0.0804	LinF		0.0789							0.9998		0.9900
Methylene Chloride	0.4346 0.4511	0.4765	0.4320	0.4303	0.4607	Ave		0.4475			0.1000	4.2		30.0			
2-Methyl-2-propanol	0.0323 ++++	0.0292	0.0298	0.0279	0.0305	Ave		0.0299		*	0.1000	5.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Methyl tert-butyl ether	1.1157 0.9937	1.0761	1.0213	0.9450	1.0040	Ave		1.0260			0.1000	6.0		30.0			
Acrylonitrile	0.1040 0.1070	0.0826	0.0875	0.0863	0.0964	Ave		0.0940		*	0.1000	10.7		30.0			
trans-1,2-Dichloroethene	0.3442 0.4310	0.4353	0.4209	0.4064	0.4303	Ave		0.4114			0.1000	8.4		30.0			
Hexane	0.1131 0.1444	0.1548	0.1442	0.1014	0.1329	LinF		0.1427							0.9977		0.9900
1,1-Dichloroethane	0.8442 0.8003	0.8775	0.8640	0.8187	0.8541	Ave		0.8431			0.1000	3.4		30.0			
Isopropyl ether	2.1841 1.6112	2.1004	2.0173	1.7843	1.8714	Ave		1.9281			0.1000	11.1		30.0			
Vinyl acetate	1.8624 1.1536	1.5275	1.3371	1.1878	1.2314	LinF		1.1654							0.9991		0.9900
Tert-butyl ethyl ether	1.5318 1.3533	1.5120	1.5089	1.3414	1.4721	Ave		1.4532			0.1000	5.8		30.0			
cis-1,2-Dichloroethene	0.4279 0.4569	0.4449	0.4618	0.4248	0.4600	Ave		0.4460			0.1000	3.7		30.0			
2-Butanone (MEK)	0.0308 0.0338	0.0278	0.0315	0.0320	0.0336	Ave		0.0316		*	0.1000	7.0		30.0			
2,2-Dichloropropane	0.6583 0.6188	0.7085	0.6677	0.5970	0.6290	Ave		0.6466			0.1000	6.2		30.0			
Ethyl acetate	0.0404 0.0428	0.0378	0.0472	0.0399	0.0421	Ave		0.0417		*	0.1000	7.8		30.0			
Chlorobromomethane	0.2864 0.2848	0.2969	0.2726	0.2754	0.2841	Ave		0.2833			0.1000	3.1		30.0			
Tetrahydrofuran	0.1282 0.0944	0.1217	0.1056	0.0920	0.0973	Ave		0.1065			0.1000	14.2		30.0			
Chloroform	0.8621 0.8651	0.9850	0.9145	0.8791	0.9233	Ave		0.9049			0.1000	5.2		30.0			
1,1,1-Trichloroethane	0.5609 0.6747	0.7195	0.6825	0.6689	0.6897	Ave		0.6660			0.1000	8.2		30.0			
Cyclohexane	0.4137 0.4099	0.4626	0.4165	0.3327	0.3965	Ave		0.4053			0.1000	10.4		30.0			
1,1-Dichloropropene	0.5340 0.5753	0.6546	0.6327	0.5970	0.6249	Ave		0.6031			0.1000	7.3		30.0			
Carbon tetrachloride	0.5307 0.6229	0.6199	0.6260	0.5821	0.6393	Ave		0.6035			0.1000	6.7		30.0			
Benzene	1.6309 1.4112	1.5647	1.6073	1.6103	1.6250	Ave		1.5749			0.1000	5.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Isopropyl acetate	1.4933 0.9227	1.2881	1.2273	1.1227	1.1291	LinF		0.9587							0.9911		0.9900
1,2-Dichloroethane	0.4796 0.4750	0.5660	0.5342	0.4985	0.5104	Ave		0.5106			0.1000	6.8		30.0			
Tert-amyl methyl ether	1.2100 1.0279	1.2214	1.1795	1.0643	1.1272	Ave		1.1384			0.1000	7.0		30.0			
Trichloroethene	0.4203 0.4510	0.4823	0.4729	0.4556	0.4687	Ave		0.4585			0.1000	4.8		30.0			
Ethyl acrylate	0.7086 0.5162	0.5674	0.5372	0.4951	0.5392	Ave		0.5606			0.1000	13.6		30.0			
Methylcyclohexane	0.2096 0.2636	0.2797	0.2737	0.2036	0.2586	Ave		0.2481			0.1000	13.3		30.0			
1,2-Dichloropropane	0.4955 0.4823	0.5561	0.5272	0.4905	0.5069	Ave		0.5098			0.1000	5.4		30.0			
Methyl methacrylate	0.1312 0.0934	0.1004	0.1038	0.0936	0.0986	Ave		0.1035			0.1000	13.7		30.0			
Dibromomethane	0.4750 0.3982	0.4452	0.4431	0.4118	0.4205	Ave		0.4323			0.1000	6.4		30.0			
Dichlorobromomethane	0.8918 0.8121	0.9437	0.9140	0.8569	0.8956	Ave		0.8857			0.1000	5.2		30.0			
2-Chloroethyl vinyl ether	0.2594 0.2555	0.2501	0.2294	0.2308	0.2786	Ave		0.2506			0.1000	7.4		30.0			
Epichlorohydrin	0.0542 0.0508	0.0509	0.0548	0.0527	0.0545	Ave		0.0530		*	0.1000	3.4		30.0			
cis-1,3-Dichloropropene	1.1168 0.9785	1.0186	1.0646	1.0433	1.0844	Ave		1.0510			0.1000	4.7		30.0			
4-Methyl-2-pentanone (MIBK)	0.6040 0.5960	0.5609	0.5908	0.5808	0.6379	Ave		0.5951			0.1000	4.3		30.0			
Toluene	1.6598 1.3947	1.6128	1.5689	1.5794	1.5650	Ave		1.5634			0.1000	5.8		30.0			
trans-1,3-Dichloropropene	0.9812 0.8304	0.8492	0.8608	0.8582	0.9033	Ave		0.8805			0.1000	6.2		30.0			
1,1,2-Trichloroethane	0.4969 0.4767	0.5071	0.5160	0.5149	0.5204	Ave		0.5053			0.1000	3.2		30.0			
Tetrachloroethene	0.4287 0.5500	0.4926	0.5500	0.5107	0.5433	Ave		0.5125			0.1000	9.2		30.0			
1,3-Dichloropropane	0.8970 0.8713	0.8925	0.9666	0.9293	0.9450	Ave		0.9170			0.1000	3.9		30.0			
2-Hexanone	0.3620 0.3407	0.3344	0.3474	0.3471	0.3629	Ave		0.3491			0.1000	3.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butyl acetate	0.1359 0.1683	0.1688	0.1675	0.1735	0.1742	Ave		0.1647			0.1000	8.7		30.0			
Chlorodibromomethane	0.8660 0.8945	0.8569	0.9341	0.9133	0.9847	Ave		0.9082			0.1000	5.2		30.0			
1,2-Dibromoethane	0.7321 0.7798	0.7809	0.7833	0.8137	0.8425	Ave		0.7887			0.1000	4.7		30.0			
Chlorobenzene	0.9333 1.0097	1.0281	1.0958	1.0577	1.1410	Ave		1.0443			0.1000	6.9		30.0			
1,1,1,2-Tetrachloroethane	0.5157 0.6271	0.5972	0.6106	0.5956	0.6309	Ave		0.5962			0.1000	7.1		30.0			
Ethylbenzene	0.3678 0.3956	0.4183	0.4197	0.4066	0.4306	Ave		0.4064			0.1000	5.5		30.0			
m-Xylene & p-Xylene	0.4801 0.4978	0.5301	0.5512	0.5477	0.5611	Ave		0.5280			0.1000	6.1		30.0			
n-Butyl acrylate	0.3893 0.5092	0.4450	0.4563	0.4667	0.5087	Ave		0.4626			0.1000	9.7		30.0			
o-Xylene	0.4651 0.5029	0.5129	0.5382	0.5250	0.5691	Ave		0.5189			0.1000	6.7		30.0			
Styrene	0.9565 0.9202	0.9498	1.0045	0.9782	1.0694	Ave		0.9798			0.1000	5.3		30.0			
Bromoform	0.4704 0.6389	0.5476	0.5897	0.6069	0.6440	Ave		0.5829			0.1000	11.2		30.0			
Isopropylbenzene	1.0553 1.1505	1.1842	1.3510	1.2149	1.2770	Ave		1.2055			0.1000	8.5		30.0			
Camphene	0.3931 0.3663	0.3611	0.3556	0.2560	0.3459	Ave		0.3463			0.1000	13.6		30.0			
1,1,2,2-Tetrachloroethane	2.1087 1.7127	2.2920	1.9808	1.9270	1.8693	Ave		1.9818			0.1000	10.1		30.0			
Bromobenzene	1.1855 1.0890	1.3120	1.2530	1.1591	1.1853	Ave		1.1973			0.1000	6.4		30.0			
trans-1,4-Dichloro-2-butene	0.4165 0.3095	0.3472	0.3645	0.3423	0.3708	Ave		0.3585			0.1000	9.9		30.0			
1,2,3-Trichloropropane	0.5301 0.3825	0.4888	0.4667	0.4343	0.4200	Ave		0.4537			0.1000	11.6		30.0			
N-Propylbenzene	2.8221 2.4571	3.6972	3.2263	3.2686	2.9438	Ave		3.0692			0.1000	13.9		30.0			
2-Chlorotoluene	2.6572 2.4065	2.2652	3.0818	2.6460	2.7039	Ave		2.6268			0.1000	10.7		30.0			
1,3,5-Trimethylbenzene	2.1029 1.8549	2.5005	2.2542	2.0801	2.0535	Ave		2.1410			0.1000	10.2		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	1.6930 1.7414	1.9476	1.8772	1.7942	1.8328	Ave		1.8144			0.1000	5.1		30.0			
4-Chlorotoluene	2.8624 2.5216	3.2382	2.9569	2.9352	2.7318	Ave		2.8743			0.1000	8.3		30.0			
tert-Butylbenzene	1.8605 1.9382	2.2571	2.1232	1.9831	2.0009	Ave		2.0272			0.1000	7.0		30.0			
1,2,4-Trimethylbenzene	2.1845 2.0836	2.4843	2.3564	2.1706	2.1386	Ave		2.2363			0.1000	6.8		30.0			
sec-Butylbenzene	2.1783 2.3407	3.0443	2.8494	2.6047	2.5926	Ave		2.6017			0.1000	12.2		30.0			
4-Isopropyltoluene	1.7866 2.0328	2.3431	2.1403	2.0791	1.9970	Ave		2.0631			0.1000	8.8		30.0			
1,3-Dichlorobenzene	1.2742 1.3828	1.5229	1.3955	1.3236	1.4489	Ave		1.3913			0.1000	6.3		30.0			
1,4-Dichlorobenzene	1.4071 1.7366	1.9333	1.8659	1.8497	1.8565	Ave		1.7749			0.1000	10.8		30.0			
Benzyl chloride	1.7829 1.8704	1.9937	1.9047	1.8646	1.9347	Ave		1.8918			0.1000	3.8		30.0			
n-Butylbenzene	1.5323 2.0281	2.0510	2.1264	1.9635	2.0374	Ave		1.9564			0.1000	10.9		30.0			
1,2-Dichlorobenzene	1.3771 1.5175	1.6183	1.5760	1.5443	1.5193	Ave		1.5254			0.1000	5.4		30.0			
1,2-Dibromo-3-Chloropropane	0.4836 0.3815	0.3527	0.3210	0.3358	0.3659	LinF		0.3791							0.9995		0.9900
1,2,4-Trichlorobenzene	0.3949 0.8314	0.4604	0.5735	0.6618	0.7903	QuaF		1.3302	-0.015						0.9998		0.9900
Hexachlorobutadiene	0.4447 0.5791	0.6047	0.5917	0.5843	0.5952	Ave		0.5666			0.1000	10.7		30.0			
Naphthalene	0.7461 1.3678	0.7103	0.9056	1.0479	1.3386	QuaF		0.7791	-0.004						0.9996		0.9900
1,2,3-Trichlorobenzene	0.2851 0.5553	0.3454	0.4321	0.4956	0.5406	LinF		0.5528							0.9996		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3890 0.3715	0.3770	0.4111	0.3887	0.3793	Ave		0.3861			0.1000	3.6		30.0			
Toluene-d8 (Surr)	1.1105 1.1972	1.0373	1.1964	1.1371	1.2585	Ave		1.1562			0.1000	6.7		30.0			
4-Bromofluorobenzene	1.0648 1.0026	1.0905	1.1257	1.0379	1.0809	Ave		1.0671			0.1000	4.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	QuaF	15960 9200447	105359	383883	905181	3574362	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	QuaF	12950 6768233	67561	258686	645790	2664164	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	QuaF	13301 6820628	63434	256584	654454	2762800	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	15103 5610185	66376	252078	599498	2406446	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	8419 3407159	41580	159429	389920	1487575	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	23003 11803101	133025	532804	1267440	4761746	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	9845 3786430	46647	188166	463199	1703719	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	12115 5046112	64093	241692	600023	2225522	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	18633 9070246	114300	436936	924305	3836695	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9523 304009	11181	16756	41389	133158	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	34952 13194573	178931	645481	1531999	6171936	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	36748 15347618	192687	746684	1798869	7074348	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	4918 1037928	15379	51050	126406	474162	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	16542 5949851	83468	284711	739116	2716065	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	24607 +++++	102398	393298	957020	3592527	20.0 +++++	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	42467 13107600	188495	673078	1623066	5918824	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.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	7916 564293	28943	57663	148296	284310	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13102 5684564	76246	277402	698012	2536937	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4304 1905060	27114	95008	174085	783462	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	32132 10556609	153713	569389	1406042	5035119	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	83137 21252556	367903	1329393	3064577	11032589	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	70889 15215566	267558	881187	2039953	7259921	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	58305 17849919	264852	994361	2303809	8678701	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	16289 6026371	77935	304300	729538	2711919	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	11727 446353	14600	20763	54992	198000	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	25056 8162742	124109	440048	1025343	3708347	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3073 1129396	13236	62226	136897	495850	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	10900 3756393	52000	179621	472983	1675086	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	4880 1245591	21312	69559	157981	573908	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	32817 11411462	172531	602670	1509803	5443415	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	21350 8900016	126028	449796	1148794	4066021	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	15747 5406193	81024	274450	571371	2337855	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	20328 7587663	114665	416949	1025378	3684295	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	20200 8215596	108582	412544	999675	3768967	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	45012 12830150	210449	770758	1909594	6566844	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	LinF	113685 24342074	451238	1617634	3856521	13312788	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	18255 6265194	99141	352051	856125	3008768	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.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Tert-amyl methyl ether	FB	Ave	46057 13558490	213936	777298	1827935	6645606	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	16000 5948625	84474	311675	782471	2762993	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	26974 6809154	99383	354008	850319	3178720	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7978 3477370	48996	180353	349622	1524321	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18861 6362283	97413	347407	842512	2988452	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	4994 1232115	17590	68433	160672	581517	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	18082 5252834	77989	291995	707279	2479096	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	33944 10711443	165308	602321	1471755	5280142	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	9873 3369658	43816	151201	396440	1642294	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	29910 9231198	137008	525974	1250516	4401100	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	30822 8895744	137001	510524	1237217	4382317	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	166703 5418320	226304	283331	688796	2577675	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45809 12679698	216911	752340	1872886	6324406	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	27081 7549360	114210	412815	1017694	3650197	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	13713 4333790	68198	247423	610633	2102812	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	11831 4999906	66254	263737	605647	2195342	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	24757 7921759	120041	463515	1102045	3818950	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	99907 3097120	134942	166616	411630	1466511	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7501 3060622	45408	160656	411588	1408142	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	23900 8131983	115254	447930	1083011	3979248	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	20204 7089894	105029	375637	964876	3404694	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.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Chlorobenzene	CBZ	Ave	25757 9179998	138268	525460	1254289	4610877	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	14234 5701164	80323	292805	706255	2549569	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10151 3596637	56263	201274	482153	1739933	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	26501 9052206	142589	528661	1299085	4535105	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	Ave	10744 4629670	59849	218821	553474	2055880	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	12835 4572267	68985	258099	622559	2299697	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	26398 8366380	127739	481679	1160054	4321534	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12983 5808832	73653	282794	719726	2602510	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29125 10460177	159273	647841	1440728	5160607	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	10848 3330239	48565	170502	303538	1397760	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	22563 7579842	116284	408797	1014181	3528097	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	12685 4819774	66561	258591	610052	2237063	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	4457 1369967	17615	75223	180150	699916	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	5672 1692998	24798	96317	228570	792652	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	30196 10874525	187575	665836	1720273	5556037	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	28432 10650215	114923	636012	1392583	5103126	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	22501 8209117	126863	465200	1094746	3875726	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	18115 7706811	98811	387402	944312	3459087	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	30628 11159737	164287	610223	1544800	5155864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	19907 8577687	114511	438175	1043728	3776396	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	23374 9221328	126040	486307	1142399	4036249	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.: 460-31330-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
sec-Butylbenzene	DCB	Ave	23308 10359351	154452	588047	1370849	4893128	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	19116 8996334	118873	441714	1094219	3769068	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13634 6119630	77265	287992	696643	2734606	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	15056 7685834	98086	385073	973526	3503954	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	19077 8277819	101148	393086	981335	3651508	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	16396 8975541	104055	438840	1033384	3845233	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14735 6715796	82102	325248	812794	2867468	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	5174 1688558	17895	66244	176721	690534	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	QuaF	4225 3679457	23357	118366	348293	1491639	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4758 2563054	30679	122109	307517	1123392	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	7983 6053480	36035	186888	551516	2526477	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	3051 2457800	17523	89175	260841	1020341	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	740440 490026	660301	677344	667612	559071	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1532389 1088434	1395160	1434275	1348473	1271412	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	569668 443737	553256	580766	546236	510029	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/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 22-SEP-2011 02:30
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 22-SEP-2011 02:30 Cal File: j03834.d
 Als bottle: 2 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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.602	2.562 (0.332)		15960	1.00000	1.0
3 Chloromethane	50	2.737	2.737 (0.349)		12950	1.00000	1.0
4 Vinyl Chloride	62	2.909	2.929 (0.371)		13301	1.00000	1.0
6 Bromomethane	94	3.305	3.297 (0.421)		15103	1.00000	1.0
5 Chloroethane	64	3.405	3.407 (0.434)		8419	1.00000	1.0
7 Trichlorofluoromethane	101	3.750	3.718 (0.478)		23003	1.00000	1.0
11 Ethyl Ether	59	3.994	4.011 (0.509)		9845	1.00000	1.0
15 1,1-Dichloroethene	96	4.305	4.312 (0.549)		12115	1.00000	1.0
14 Freon TF	101	4.333	4.322 (0.552)		18633	1.00000	1.0
16 Acetone	58	4.351	4.358 (0.554)		9523	10.0000	10
17 Iodomethane	142	4.516	4.515 (0.576)		34952	1.00000	1.0
18 Carbon Disulfide	76	4.598	4.598 (0.586)		36748	1.00000	1.0
27 Methyl Acetate	74	4.698	4.708 (0.599)		4918	1.00000	1.0
22 Methylene Chloride	84	4.862	4.868 (0.620)		16542	1.00000	1.0
24 TBA	59	4.954	4.951 (0.631)		24607	20.0000	20
25 trans-1,2-Dichloroethene	96	5.181	5.181 (0.660)		13102	1.00000	1.0

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.172	5.153	(0.659)	7916	2.00000	2.0
28 MTBE	73	5.135	5.153	(0.654)	42467	1.00000	1.0
29 Hexane	56	5.461	5.446	(0.696)	4304	1.00000	1.0
30 1,1-Dichloroethane	63	5.671	5.676	(0.723)	32132	1.00000	1.0
31 Vinyl Acetate	43	5.708	5.694	(0.727)	70889	1.00000	1.0(M)
32 DIPE	45	5.708	5.694	(0.727)	83137	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.140	6.149	(0.782)	58305	1.00000	1.0
37 2,2-Dichloropropane	77	6.396	6.390	(0.815)	25056	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.396	6.382	(0.815)	16289	1.00000	1.0
38 2-Butanone	72	6.396	6.373	(0.815)	11727	10.0000	10
39 Ethyl Acetate	70	6.414	6.425	(0.817)	3073	2.00000	2.0
40 Bromochloromethane	128	6.691	6.693	(0.853)	10900	1.00000	1.0
41 Tetrahydrofuran	42	6.773	6.749	(0.863)	4880	1.00000	1.0(M)
42 Chloroform	83	6.755	6.767	(0.861)	32817	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.019	7.031	(0.894)	21350	1.00000	1.0
44 Cyclohexane	56	7.092	7.096	(0.904)	15747	1.00000	1.0
45 Carbon Tetrachloride	117	7.249	7.243	(0.924)	20200	1.00000	1.0
46 1,1-Dichloropropene	75	7.239	7.234	(0.923)	20328	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.434	(0.947)	740440	50.0000	50
48 Benzene	78	7.518	7.517	(0.665)	45012	1.00000	1.0
49 1,2-Dichloroethane	62	7.554	7.535	(0.963)	18255	1.00000	1.0
50 t-Amyl-methyl-ether	73	7.610	7.600	(0.970)	46057	1.00000	1.0
61 Isopropyl Acetate	43	7.527	7.526	(0.959)	113685	2.00000	2.0
* 52 Fluorobenzene	96	7.847	7.848	(1.000)	1903211	50.0000	
54 Trichloroethene	95	8.300	8.292	(1.058)	16000	1.00000	1.0
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	7978	1.00000	1.0
55 Ethyl Acrylate	55	8.383	8.375	(1.068)	26974	1.00000	1.0
57 1,2-Dichloropropane	63	8.593	8.577	(1.095)	18861	1.00000	1.0
58 Dibromomethane	93	8.739	8.732	(1.114)	18082	1.00000	1.0
59 Methyl Methacrylate	100	8.665	8.649	(1.104)	4994	1.00000	1.0
68 Bromodichloromethane	83	8.893	8.888	(1.133)	33944	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.209	9.207	(1.174)	9873	1.00000	1.0
63 Epichlorohydrin	57	9.323	9.305	(0.825)	29910	20.0000	20
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	30822	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.562	9.553	(0.846)	166703	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.709	9.708	(0.859)	1532389	50.0000	50
66 Toluene	91	9.801	9.787	(0.867)	45809	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.038	10.017	(0.888)	27081	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.248	10.236	(0.907)	13713	1.00000	1.0
71 Tetrachloroethene	166	10.396	10.400	(0.920)	11831	1.00000	1.0
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	24757	1.00000	1.0
73 2-Hexanone	43	10.488	10.482	(0.928)	99907	10.0000	10
74 Dibromochloromethane	129	10.681	10.684	(0.945)	23900	1.00000	1.0
76 Butyl Acetate	73	10.589	10.591	(0.937)	7501	2.00000	2.0
77 1,2-Dibromoethane	107	10.838	10.829	(0.959)	20204	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1379935	50.0000	
79 Chlorobenzene	112	11.338	11.332	(1.003)	25757	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.420	11.410	(1.010)	14234	1.00000	1.0
81 Ethylbenzene	106	11.429	11.418	(1.011)	10151	1.00000	1.0
82 m+p-Xylene	106	11.548	11.537	(1.022)	26501	2.00000	2.0
84 o-Xylene	106	11.950	11.958	(1.057)	12835	1.00000	1.0
85 Styrene	104	11.968	11.967	(1.059)	26398	1.00000	1.0
83 Butyl Acrylate	73	11.858	11.847	(1.049)	10744	1.00000	1.0
86 Bromoform	173	12.204	12.196	(1.080)	12983	1.00000	1.0
88 Isopropylbenzene	105	12.312	12.315	(1.089)	29125	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.500	12.496	(0.911)	569668	50.0000	50
90 Camphene (total)	93	12.618	12.606	(1.117)	10848	1.00000	1.0
91 Bromobenzene	156	12.671	12.678	(0.923)	12685	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.618	12.624	(0.919)	22563	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.689	12.686	(0.924)	5672	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.699	12.678	(0.925)	4457	1.00000	1.0
95 n-Propylbenzene	91	12.726	12.731	(0.927)	30196	1.00000	1.0
96 2-Chlorotoluene	91	12.861	12.850	(0.937)	28432	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.888	12.894	(0.939)	22501	1.00000	1.0
98 4-Chlorotoluene	91	12.962	12.959	(0.944)	30628	1.00000	1.0
99 Butyl Methacrylate	87	12.934	12.931	(0.942)	18115	1.00000	1.0
100 tert-Butylbenzene	119	13.256	13.259	(0.966)	19907	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.301	13.305	(0.969)	23374	1.00000	1.0
103 sec-Butylbenzene	105	13.498	13.484	(0.983)	23308	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	13634	1.00000	1.0
107 p-Isopropyltoluene	119	13.618	13.621	(0.992)	19116	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.729	13.730	(1.000)	534997	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	15056	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.902	(1.012)	19077	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.083	(1.026)	16396	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.210	14.201	(1.035)	14735	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.175	15.164	(1.105)	5174	1.00000	1.0
114 1,2,4-Trichlorobenzene	180	16.333	16.346	(1.190)	4225	1.00000	1.0
115 Hexachlorobutadiene	225	16.573	16.563	(1.207)	4758	1.00000	1.0
116 Naphthalene	128	16.784	16.782	(1.223)	7983	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.197	17.206	(1.253)	3051	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				29391	2.00000	2.0
M 121 Xylene (Total)	100				39336	3.00000	3.0

QC Flag Legend

M - Compound response manually integrated.

Data File: j03834.d

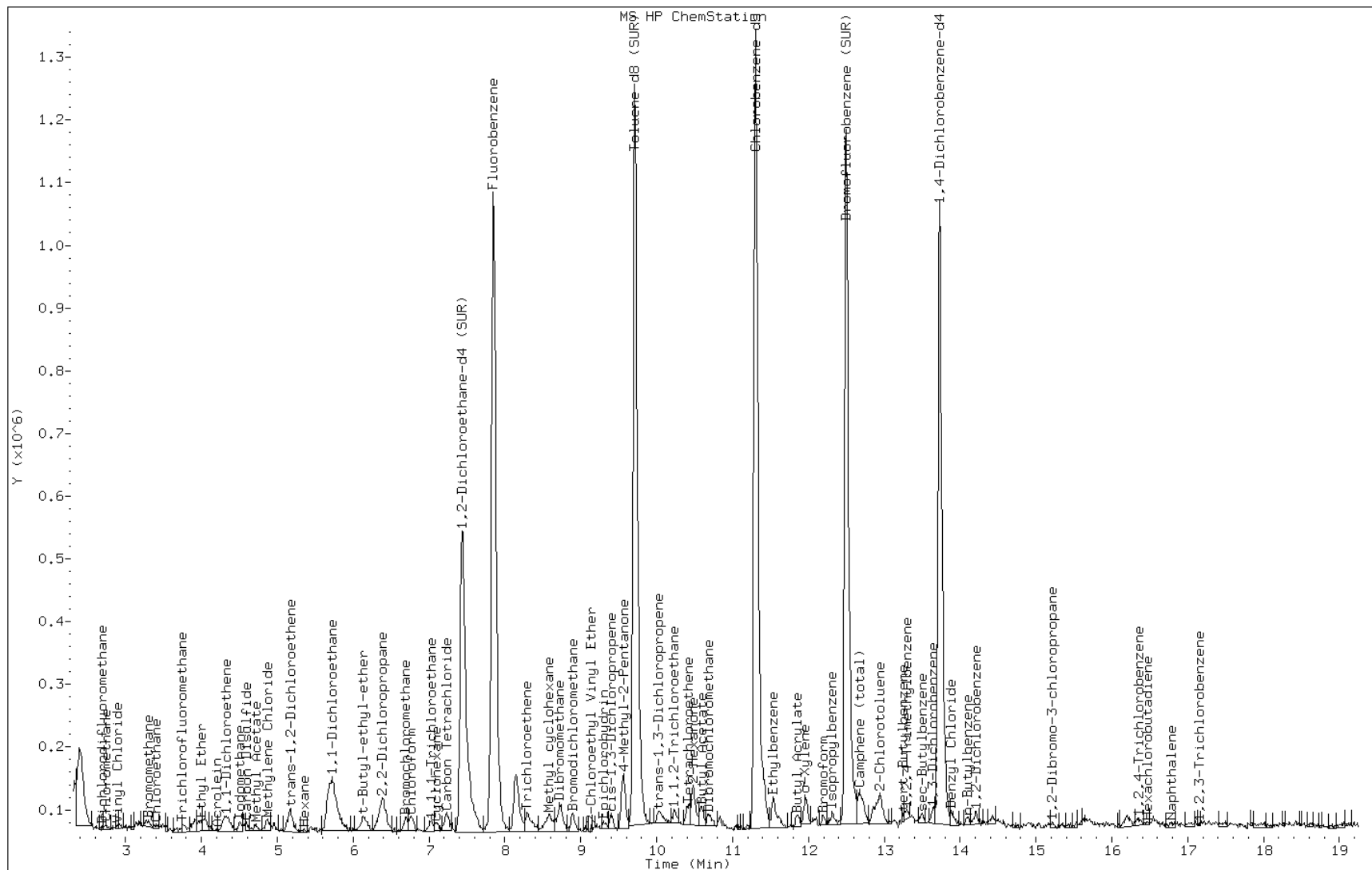
Date: 22-SEP-2011 02:30

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL1

Operator:

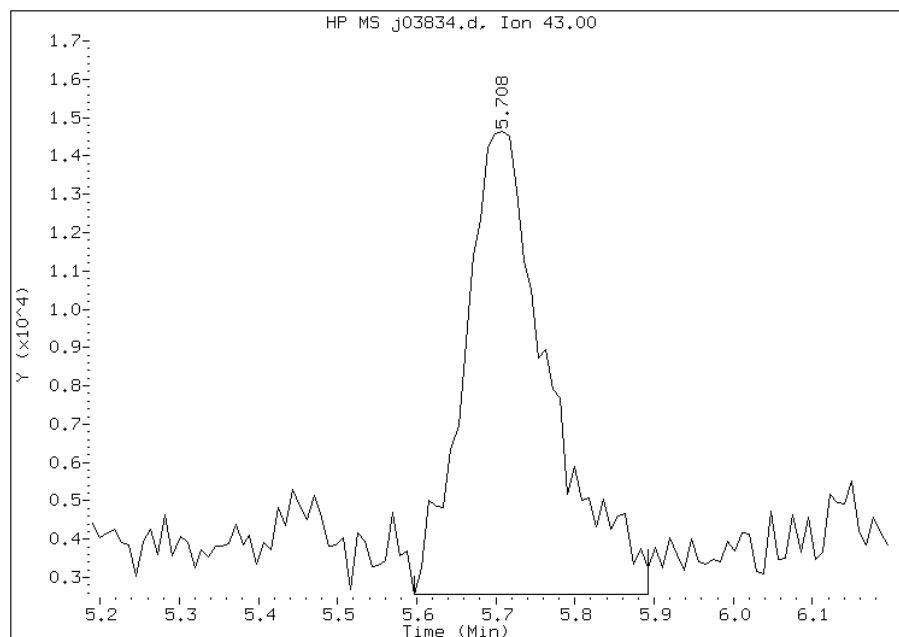


Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 09/26/2011

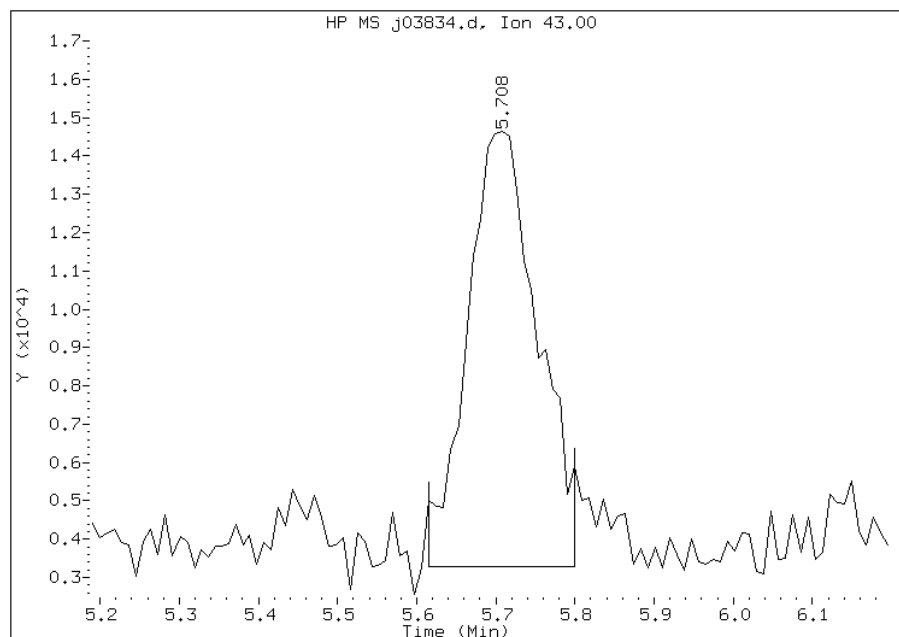
Processing Integration Results

RT: 5.71
Response: 89790
Amount: 2
Conc: 2



Manual Integration Results

RT: 5.71
Response: 70889
Amount: 1
Conc: 1



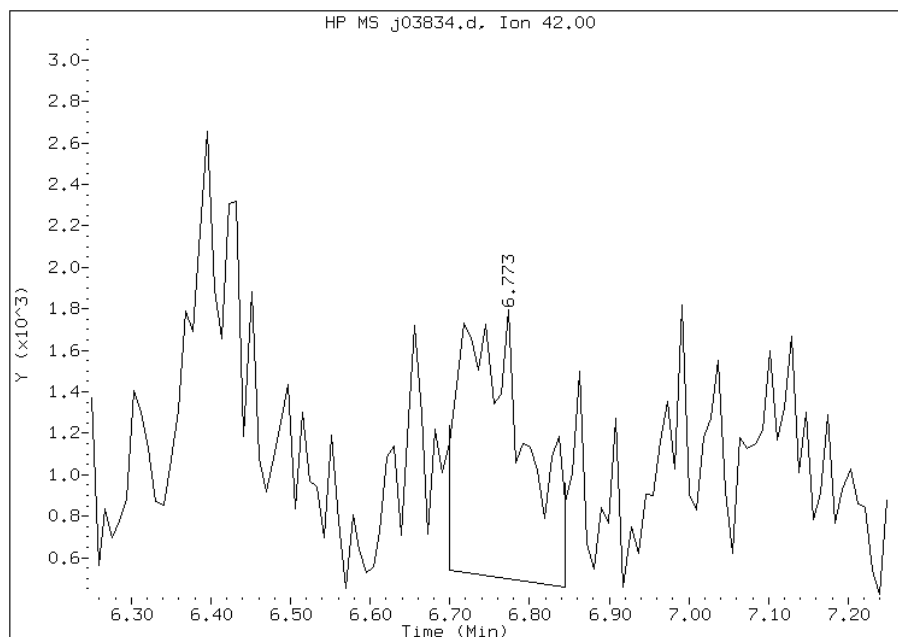
Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 41 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 09/26/2011

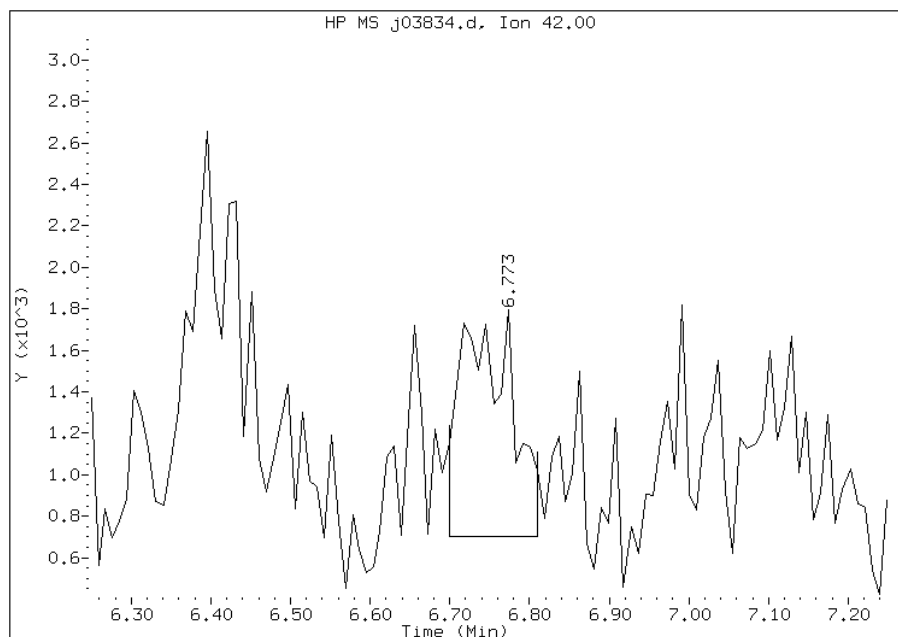
Processing Integration Results

RT: 6.77
Response: 7381
Amount: 2
Conc: 2



Manual Integration Results

RT: 6.77
Response: 4880
Amount: 1
Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 22-SEP-2011 03:20
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:41 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:20 Cal File: j03836.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.582	2.562	(0.329)	105359	5.00000	5.0
3 Chloromethane	50	2.724	2.737	(0.347)	67561	5.00000	5.0
4 Vinyl Chloride	62	2.906	2.929	(0.370)	63434	5.00000	5.0
6 Bromomethane	94	3.290	3.297	(0.419)	66376	5.00000	4.9
5 Chloroethane	64	3.407	3.407	(0.434)	41580	5.00000	5.2
7 Trichlorofluoromethane	101	3.717	3.718	(0.474)	133025	5.00000	5.6
11 Ethyl Ether	59	3.999	4.011	(0.510)	46647	5.00000	5.1
15 1,1-Dichloroethene	96	4.308	4.312	(0.549)	64093	5.00000	5.3
14 Freon TF	101	4.317	4.322	(0.550)	114300	5.00000	5.7
16 Acetone	58	4.363	4.358	(0.556)	11181	15.0000	14
17 Iodomethane	142	4.509	4.515	(0.575)	178931	5.00000	5.3
18 Carbon Disulfide	76	4.597	4.598	(0.586)	192687	5.00000	5.3
27 Methyl Acetate	74	4.705	4.708	(0.600)	15379	5.00000	4.9
22 Methylene Chloride	84	4.869	4.868	(0.621)	83468	5.00000	5.2
24 TBA	59	4.952	4.951	(0.631)	102398	100.000	95
25 trans-1,2-Dichloroethene	96	5.161	5.181	(0.658)	76246	5.00000	5.6

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.143	5.153	(0.655)	28943	10.0000	8.8
28 MTBE	73	5.152	5.153	(0.657)	188495	5.00000	4.9
29 Hexane	56	5.442	5.446	(0.694)	27114	5.00000	5.0
30 1,1-Dichloroethane	63	5.678	5.676	(0.724)	153713	5.00000	5.1
31 Vinyl Acetate	43	5.696	5.694	(0.726)	267558	5.00000	4.9
32 DIPE	45	5.696	5.694	(0.726)	367903	5.00000	4.9
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	264852	5.00000	5.0
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	124109	5.00000	5.2
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	77935	5.00000	5.1
38 2-Butanone	72	6.372	6.373	(0.812)	14600	15.0000	14
39 Ethyl Acetate	70	6.418	6.425	(0.818)	13236	10.0000	9.7
40 Bromochloromethane	128	6.707	6.693	(0.855)	52000	5.00000	5.1
41 Tetrahydrofuran	42	6.744	6.749	(0.860)	21312	5.00000	4.9
42 Chloroform	83	6.762	6.767	(0.862)	172531	5.00000	5.3
43 1,1,1-Trichloroethane	97	7.038	7.031	(0.897)	126028	5.00000	5.6
44 Cyclohexane	56	7.091	7.096	(0.904)	81024	5.00000	5.3
45 Carbon Tetrachloride	117	7.238	7.243	(0.922)	108582	5.00000	5.4
46 1,1-Dichloropropene	75	7.238	7.234	(0.922)	114665	5.00000	5.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.430	7.434	(0.947)	660301	50.0000	49
48 Benzene	78	7.513	7.517	(0.665)	210449	5.00000	4.9
49 1,2-Dichloroethane	62	7.541	7.535	(0.961)	99141	5.00000	5.4
50 t-Amyl-methyl-ether	73	7.611	7.600	(0.970)	213936	5.00000	5.0
61 Isopropyl Acetate	43	7.522	7.526	(0.959)	451238	10.0000	9.9
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1751624	50.0000	
54 Trichloroethene	95	8.294	8.292	(1.057)	84474	5.00000	5.3
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	48996	5.00000	5.7
55 Ethyl Acrylate	55	8.377	8.375	(1.068)	99383	5.00000	4.4
57 1,2-Dichloropropane	63	8.584	8.577	(1.094)	97413	5.00000	5.3
58 Dibromomethane	93	8.740	8.732	(1.114)	77989	5.00000	4.8
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	17590	5.00000	4.3
68 Bromodichloromethane	83	8.895	8.888	(1.134)	165308	5.00000	5.1
62 2-Chloroethyl Vinyl Ether	63	9.208	9.207	(1.174)	43816	5.00000	4.9
63 Epichlorohydrin	57	9.309	9.305	(0.824)	137008	100.000	97
67 cis-1,3-Dichloropropene	75	9.400	9.396	(0.832)	137001	5.00000	4.8
70 4-Methyl-2-Pentanone	43	9.556	9.553	(0.846)	226304	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.710	9.708	(0.859)	1395160	50.0000	48
66 Toluene	91	9.793	9.787	(0.867)	216911	5.00000	4.9
64 trans-1,3-Dichloropropene	75	10.019	10.017	(0.887)	114210	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.240	10.236	(0.906)	68198	5.00000	5.0
71 Tetrachloroethene	166	10.387	10.400	(0.919)	66254	5.00000	5.3
72 1,3-Dichloropropane	76	10.433	10.426	(0.923)	120041	5.00000	5.0
73 2-Hexanone	43	10.479	10.482	(0.927)	134942	15.0000	14
74 Dibromochloromethane	129	10.697	10.684	(0.947)	115254	5.00000	5.0
76 Butyl Acetate	73	10.596	10.591	(0.938)	45408	10.0000	11
77 1,2-Dibromoethane	107	10.835	10.829	(0.959)	105029	5.00000	5.2
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1344939	50.0000	
79 Chlorobenzene	112	11.328	11.332	(1.002)	138268	5.00000	5.2

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.411	11.410	(1.010)	80323	5.00000	5.4
81 Ethylbenzene	106	11.420	11.418	(1.011)	56263	5.00000	5.3
82 m+p-Xylene	106	11.540	11.537	(1.021)	142589	10.0000	10
84 o-Xylene	106	11.953	11.958	(1.058)	68985	5.00000	5.2
85 Styrene	104	11.971	11.967	(1.059)	127739	5.00000	5.0
83 Butyl Acrylate	73	11.853	11.847	(1.049)	59849	5.00000	5.3
86 Bromoform	173	12.197	12.196	(1.079)	73653	5.00000	5.4
88 Isopropylbenzene	105	12.313	12.315	(1.090)	159273	5.00000	5.3
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	553256	50.0000	50
90 Camphene (total)	93	12.597	12.606	(1.115)	48565	5.00000	4.8
91 Bromobenzene	156	12.690	12.678	(0.925)	66561	5.00000	5.2
92 1,1,2,2-Tetrachloroethane	83	12.625	12.624	(0.920)	116284	5.00000	5.2
93 1,2,3-Trichloropropane	110	12.690	12.686	(0.925)	24798	5.00000	4.8
94 trans-1,4-Dichloro-2-butene	53	12.671	12.678	(0.923)	17615	5.00000	4.5
95 n-Propylbenzene	91	12.735	12.731	(0.928)	187575	5.00000	5.7
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	114923	5.00000	4.6
97 1,3,5-Trimethylbenzene	105	12.898	12.894	(0.940)	126863	5.00000	5.4
98 4-Chlorotoluene	91	12.961	12.959	(0.945)	164287	5.00000	5.3
99 Butyl Methacrylate	87	12.924	12.931	(0.942)	98811	5.00000	5.3
100 tert-Butylbenzene	119	13.262	13.259	(0.967)	114511	5.00000	5.5
101 1,2,4-Trimethylbenzene	105	13.299	13.305	(0.969)	126040	5.00000	5.3
103 sec-Butylbenzene	105	13.490	13.484	(0.983)	154452	5.00000	5.8
105 1,3-Dichlorobenzene	146	13.656	13.667	(0.995)	77265	5.00000	5.4
107 p-Isopropyltoluene	119	13.629	13.621	(0.993)	118873	5.00000	5.7
* 108 1,4-Dichlorobenzene-d4	152	13.721	13.730	(1.000)	507341	50.0000	
109 1,4-Dichlorobenzene	146	13.748	13.756	(1.002)	98086	5.00000	5.8
110 Benzyl Chloride	91	13.896	13.902	(1.013)	101148	5.00000	5.3
106 n-Butylbenzene	91	14.088	14.083	(1.027)	104055	5.00000	5.7
111 1,2-Dichlorobenzene	146	14.198	14.201	(1.035)	82102	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	15.151	15.164	(1.104)	17895	5.00000	4.9
114 1,2,4-Trichlorobenzene	180	16.352	16.346	(1.192)	23357	5.00000	5.0
115 Hexachlorobutadiene	225	16.545	16.563	(1.206)	30679	5.00000	5.8
116 Naphthalene	128	16.782	16.782	(1.223)	36035	5.00000	5.0
117 1,2,3-Trichlorobenzene	180	17.195	17.206	(1.253)	17523	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				154181	10.0000	11
M 121 Xylene (Total)	100				211574	15.0000	16

Data File: j03836.d

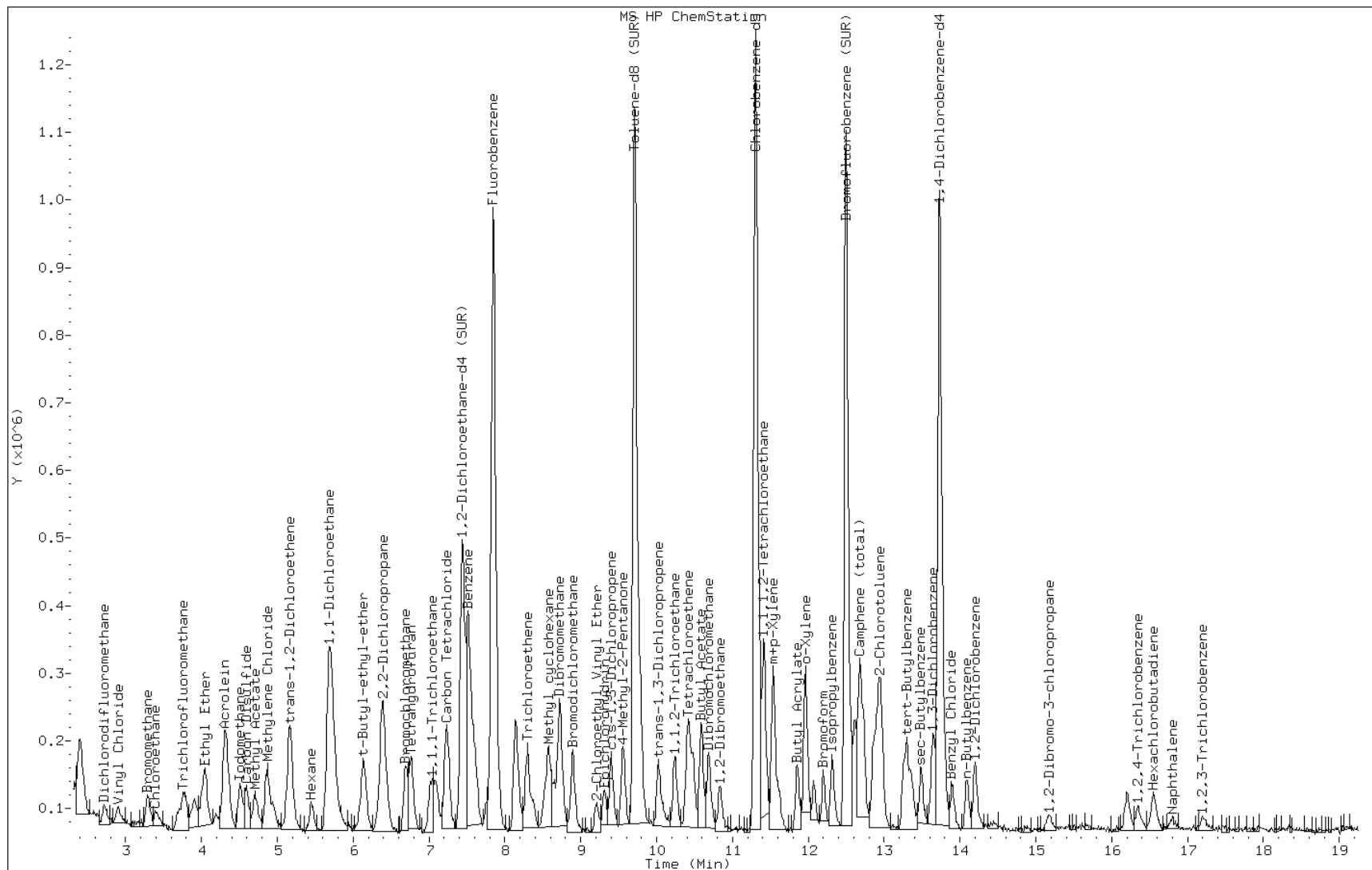
Date: 22-SEP-2011 03:20

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL2

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 22-SEP-2011 03:45
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.562	2.562	(0.326)	383883	20.0000	20
3 Chloromethane	50	2.737	2.737	(0.349)	258686	20.0000	20
4 Vinyl Chloride	62	2.929	2.929	(0.373)	256584	20.0000	20
6 Bromomethane	94	3.297	3.297	(0.420)	252078	20.0000	20
5 Chloroethane	64	3.407	3.407	(0.434)	159429	20.0000	21
7 Trichlorofluoromethane	101	3.718	3.718	(0.474)	532804	20.0000	22
11 Ethyl Ether	59	4.011	4.011	(0.511)	188166	20.0000	21
15 1,1-Dichloroethene	96	4.312	4.312	(0.549)	241692	20.0000	21
14 Freon TF	101	4.322	4.322	(0.551)	436936	20.0000	22
16 Acetone	58	4.358	4.358	(0.555)	16756	20.0000	21
17 Iodomethane	142	4.515	4.515	(0.575)	645481	20.0000	20
18 Carbon Disulfide	76	4.598	4.598	(0.586)	746684	20.0000	21
27 Methyl Acetate	74	4.708	4.708	(0.600)	51050	20.0000	20
22 Methylene Chloride	84	4.868	4.868	(0.620)	284711	20.0000	19
24 TBA	59	4.951	4.951	(0.631)	393298	400.000	390
25 trans-1,2-Dichloroethene	96	5.181	5.181	(0.660)	277402	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.153	5.153	(0.657)	57663	20.0000	19
28 MTBE	73	5.153	5.153	(0.657)	673078	20.0000	19
29 Hexane	56	5.446	5.446	(0.694)	95008	20.0000	20
30 1,1-Dichloroethane	63	5.676	5.676	(0.723)	569389	20.0000	20
31 Vinyl Acetate	43	5.694	5.694	(0.726)	881187	20.0000	20
32 DIPE	45	5.694	5.694	(0.726)	1329393	20.0000	19
35 t-Butyl-ethyl-ether	59	6.149	6.149	(0.783)	994361	20.0000	20
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	440048	20.0000	20
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	304300	20.0000	21
38 2-Butanone	72	6.373	6.373	(0.812)	20763	20.0000	21
39 Ethyl Acetate	70	6.425	6.425	(0.819)	62226	40.0000	45
40 Bromochloromethane	128	6.693	6.693	(0.853)	179621	20.0000	19
41 Tetrahydrofuran	42	6.749	6.749	(0.860)	69559	20.0000	18
42 Chloroform	83	6.767	6.767	(0.862)	602670	20.0000	20
43 1,1,1-Trichloroethane	97	7.031	7.031	(0.896)	449796	20.0000	21
44 Cyclohexane	56	7.096	7.096	(0.904)	274450	20.0000	19
45 Carbon Tetrachloride	117	7.243	7.243	(0.923)	412544	20.0000	21
46 1,1-Dichloropropene	75	7.234	7.234	(0.922)	416949	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.947)	677344	50.0000	52
48 Benzene	78	7.517	7.517	(0.665)	770758	20.0000	20
49 1,2-Dichloroethane	62	7.535	7.535	(0.960)	352051	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.968)	777298	20.0000	20
61 Isopropyl Acetate	43	7.526	7.526	(0.959)	1617634	40.0000	40
* 52 Fluorobenzene	96	7.848	7.848	(1.000)	1647525	50.0000	
54 Trichloroethene	95	8.292	8.292	(1.057)	311675	20.0000	21
56 Methyl cyclohexane	83	8.531	8.531	(1.087)	180353	20.0000	22
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	354008	20.0000	18
57 1,2-Dichloropropane	63	8.577	8.577	(1.093)	347407	20.0000	20
58 Dibromomethane	93	8.732	8.732	(1.113)	291995	20.0000	19
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	68433	20.0000	18
68 Bromodichloromethane	83	8.888	8.888	(1.132)	602321	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.207	9.207	(1.173)	151201	20.0000	19
63 Epichlorohydrin	57	9.305	9.305	(0.823)	525974	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	510524	20.0000	20
70 4-Methyl-2-Pentanone	43	9.553	9.553	(0.845)	283331	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1434275	50.0000	54
66 Toluene	91	9.787	9.787	(0.866)	752340	20.0000	19
64 trans-1,3-Dichloropropene	75	10.017	10.017	(0.886)	412815	20.0000	19
69 1,1,2-Trichloroethane	83	10.236	10.236	(0.905)	247423	20.0000	20
71 Tetrachloroethene	166	10.400	10.400	(0.920)	263737	20.0000	22
72 1,3-Dichloropropane	76	10.426	10.426	(0.922)	463515	20.0000	21
73 2-Hexanone	43	10.482	10.482	(0.927)	166616	20.0000	20
74 Dibromochloromethane	129	10.684	10.684	(0.945)	447930	20.0000	21
76 Butyl Acetate	73	10.591	10.591	(0.937)	160656	40.0000	42
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	375637	20.0000	20
* 78 Chlorobenzene-d5	117	11.306	11.306	(1.000)	1198859	50.0000	
79 Chlorobenzene	112	11.332	11.332	(1.002)	525460	20.0000	22

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.009)	292805	20.0000	21
81 Ethylbenzene	106	11.418	11.418	(1.010)	201274	20.0000	21
82 m+p-Xylene	106	11.537	11.537	(1.020)	528661	40.0000	42
84 o-Xylene	106	11.958	11.958	(1.058)	258099	20.0000	21
85 Styrene	104	11.967	11.967	(1.058)	481679	20.0000	21
83 Butyl Acrylate	73	11.847	11.847	(1.048)	218821	20.0000	21
86 Bromoform	173	12.196	12.196	(1.079)	282794	20.0000	22
88 Isopropylbenzene	105	12.315	12.315	(1.089)	647841	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.496	(0.910)	580766	50.0000	51
90 Camphene (total)	93	12.606	12.606	(1.115)	170502	20.0000	19
91 Bromobenzene	156	12.678	12.678	(0.923)	258591	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.624	12.624	(0.919)	408797	20.0000	19
93 1,2,3-Trichloropropane	110	12.686	12.686	(0.924)	96317	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.678	12.678	(0.923)	75223	20.0000	19
95 n-Propylbenzene	91	12.731	12.731	(0.927)	665836	20.0000	20
96 2-Chlorotoluene	91	12.850	12.850	(0.936)	636012	20.0000	23
97 1,3,5-Trimethylbenzene	105	12.894	12.894	(0.939)	465200	20.0000	20
98 4-Chlorotoluene	91	12.959	12.959	(0.944)	610223	20.0000	20
99 Butyl Methacrylate	87	12.931	12.931	(0.942)	387402	20.0000	20
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	438175	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.969)	486307	20.0000	20
103 sec-Butylbenzene	105	13.484	13.484	(0.982)	588047	20.0000	21
105 1,3-Dichlorobenzene	146	13.667	13.667	(0.995)	287992	20.0000	20
107 p-Isopropyltoluene	119	13.621	13.621	(0.992)	441714	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.730	13.730	(1.000)	515937	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	385073	20.0000	22
110 Benzyl Chloride	91	13.902	13.902	(1.013)	393086	20.0000	20
106 n-Butylbenzene	91	14.083	14.083	(1.026)	438840	20.0000	22
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	325248	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.164	15.164	(1.104)	66244	20.0000	20
114 1,2,4-Trichlorobenzene	180	16.346	16.346	(1.190)	118366	20.0000	20
115 Hexachlorobutadiene	225	16.563	16.563	(1.206)	122109	20.0000	22
116 Naphthalene	128	16.782	16.782	(1.222)	186888	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.206	17.206	(1.253)	89175	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				581702	40.0000	42
M 121 Xylene (Total)	100				786760	60.0000	64

Data File: j03837.d

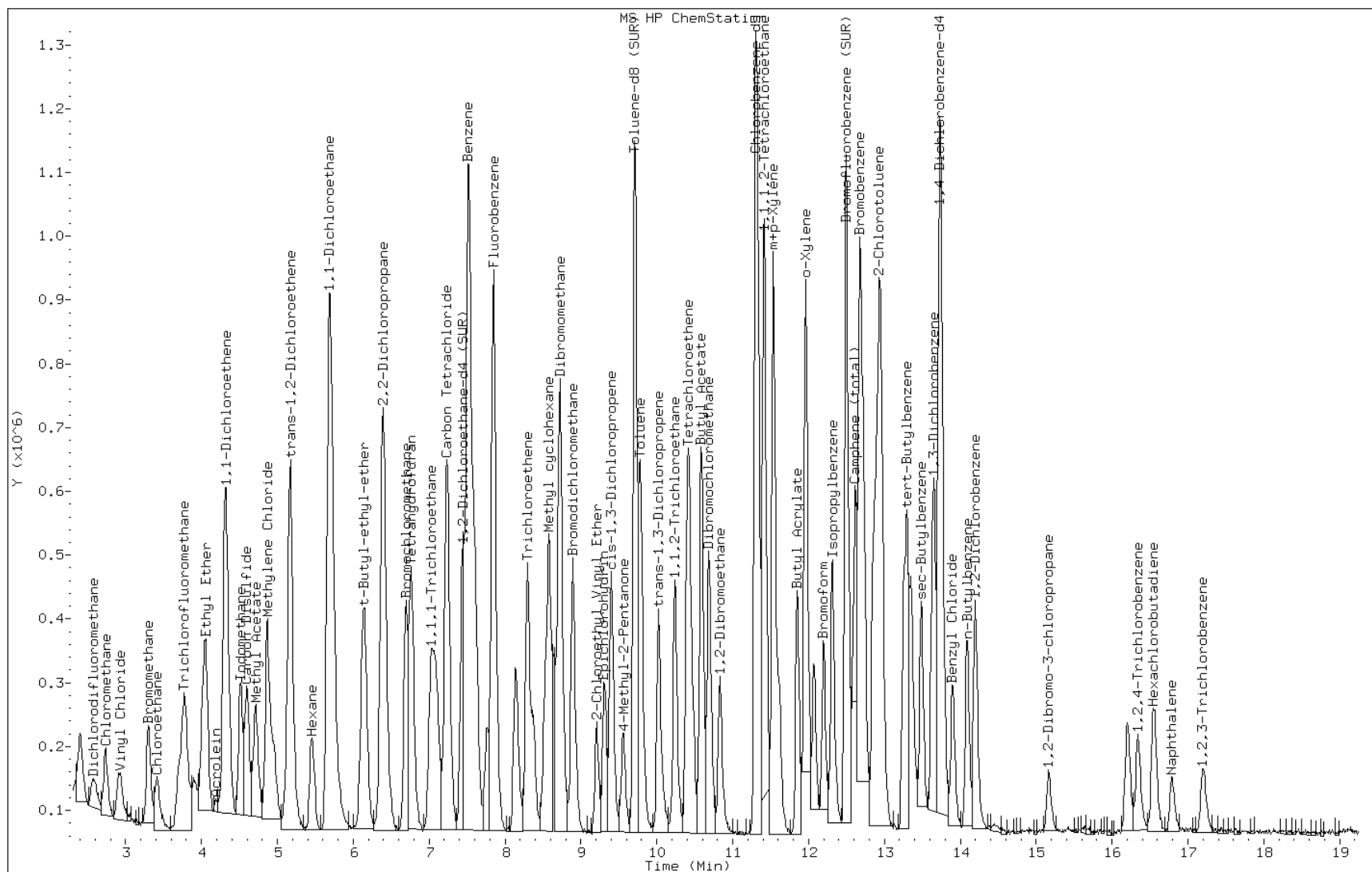
Date: 22-SEP-2011 03:45

Client ID:

Instrument: VOAMS8.i

Sample Info: ICIS-VMCAL3

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 22-SEP-2011 04:10
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.573	2.562 (0.328)		905181	50.0000	49
3 Chloromethane	50	2.739	2.737 (0.349)		645790	50.0000	50
4 Vinyl Chloride	62	2.922	2.929 (0.372)		654454	50.0000	50
6 Bromomethane	94	3.295	3.297 (0.420)		599498	50.0000	46
5 Chloroethane	64	3.414	3.407 (0.435)		389920	50.0000	49
7 Trichlorofluoromethane	101	3.716	3.718 (0.473)		1267440	50.0000	51
11 Ethyl Ether	59	4.017	4.011 (0.512)		463199	50.0000	50
15 1,1-Dichloroethene	96	4.311	4.312 (0.549)		600023	50.0000	50
14 Freon TF	101	4.311	4.322 (0.549)		924305	50.0000	46
16 Acetone	58	4.366	4.358 (0.556)		41389	50.0000	50
17 Iodomethane	142	4.514	4.515 (0.575)		1531999	50.0000	47
18 Carbon Disulfide	76	4.596	4.598 (0.586)		1798869	50.0000	49
27 Methyl Acetate	74	4.716	4.708 (0.601)		126406	50.0000	50
22 Methylene Chloride	84	4.861	4.868 (0.619)		739116	50.0000	48
24 TBA	59	4.953	4.951 (0.631)		957020	1000.00	930
25 trans-1,2-Dichloroethene	96	5.173	5.181 (0.659)		698012	50.0000	50

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.155	5.153	(0.657)	148296	50.0000	48
28 MTBE	73	5.155	5.153	(0.657)	1623066	50.0000	45
29 Hexane	56	5.458	5.446	(0.695)	174085	50.0000	46
30 1,1-Dichloroethane	63	5.677	5.676	(0.723)	1406042	50.0000	48
31 Vinyl Acetate	43	5.695	5.694	(0.725)	2039953	50.0000	49
32 DIPE	45	5.695	5.694	(0.725)	3064577	50.0000	44
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	2303809	50.0000	46
37 2,2-Dichloropropane	77	6.391	6.390	(0.814)	1025343	50.0000	45
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	729538	50.0000	48
38 2-Butanone	72	6.391	6.373	(0.814)	54992	50.0000	52
39 Ethyl Acetate	70	6.409	6.425	(0.816)	136897	100.000	96
40 Bromochloromethane	128	6.692	6.693	(0.853)	472983	50.0000	49
41 Tetrahydrofuran	42	6.729	6.749	(0.857)	157981	50.0000	41
42 Chloroform	83	6.766	6.767	(0.862)	1509803	50.0000	48
43 1,1,1-Trichloroethane	97	7.028	7.031	(0.895)	1148794	50.0000	51
44 Cyclohexane	56	7.098	7.096	(0.904)	571371	50.0000	41
45 Carbon Tetrachloride	117	7.245	7.243	(0.923)	999675	50.0000	49
46 1,1-Dichloropropene	75	7.227	7.234	(0.921)	1025378	50.0000	49
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.439	7.434	(0.948)	667612	50.0000	50
48 Benzene	78	7.512	7.517	(0.665)	1909594	50.0000	50
49 1,2-Dichloroethane	62	7.539	7.535	(0.960)	856125	50.0000	48
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.967)	1827935	50.0000	46
61 Isopropyl Acetate	43	7.521	7.526	(0.958)	3856521	100.000	98
* 52 Fluorobenzene	96	7.850	7.848	(1.000)	1717485	50.0000	
54 Trichloroethene	95	8.297	8.292	(1.057)	782471	50.0000	50
56 Methyl cyclohexane	83	8.533	8.531	(1.087)	349622	50.0000	42
55 Ethyl Acrylate	55	8.377	8.375	(1.067)	850319	50.0000	43
57 1,2-Dichloropropane	63	8.588	8.577	(1.094)	842512	50.0000	47
58 Dibromomethane	93	8.734	8.732	(1.113)	707279	50.0000	46
59 Methyl Methacrylate	100	8.652	8.649	(1.102)	160672	50.0000	44
68 Bromodichloromethane	83	8.889	8.888	(1.132)	1471755	50.0000	48
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	396440	50.0000	48
63 Epichlorohydrin	57	9.306	9.305	(0.824)	1250516	1000.00	990
67 cis-1,3-Dichloropropene	75	9.397	9.396	(0.832)	1237217	50.0000	49
70 4-Methyl-2-Pentanone	43	9.552	9.553	(0.845)	688796	50.0000	50
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1348473	50.0000	51
66 Toluene	91	9.790	9.787	(0.866)	1872886	50.0000	49
64 trans-1,3-Dichloropropene	75	10.018	10.017	(0.887)	1017694	50.0000	48
69 1,1,2-Trichloroethane	83	10.237	10.236	(0.906)	610633	50.0000	51
71 Tetrachloroethene	166	10.403	10.400	(0.921)	605647	50.0000	52
72 1,3-Dichloropropane	76	10.430	10.426	(0.923)	1102045	50.0000	50
73 2-Hexanone	43	10.476	10.482	(0.927)	411630	50.0000	50
74 Dibromochloromethane	129	10.691	10.684	(0.946)	1083011	50.0000	51
76 Butyl Acetate	73	10.584	10.591	(0.937)	411588	100.000	110
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	964876	50.0000	52
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1185854	50.0000	
79 Chlorobenzene	112	11.336	11.332	(1.003)	1254289	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.010)	706255	50.0000	51
81 Ethylbenzene	106	11.419	11.418	(1.011)	482153	50.0000	50
82 m+p-Xylene	106	11.538	11.537	(1.021)	1299085	100.000	100
84 o-Xylene	106	11.957	11.958	(1.058)	622559	50.0000	51
85 Styrene	104	11.966	11.967	(1.059)	1160054	50.0000	50
83 Butyl Acrylate	73	11.848	11.847	(1.049)	553474	50.0000	53
86 Bromoform	173	12.195	12.196	(1.079)	719726	50.0000	55
88 Isopropylbenzene	105	12.315	12.315	(1.090)	1440728	50.0000	50
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	546236	50.0000	48
90 Camphene (total)	93	12.608	12.606	(1.116)	303538	50.0000	37
91 Bromobenzene	156	12.672	12.678	(0.923)	610052	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	12.626	12.624	(0.920)	1014181	50.0000	46
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.925)	228570	50.0000	45
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	180150	50.0000	46
95 n-Propylbenzene	91	12.728	12.731	(0.928)	1720273	50.0000	50
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	1392583	50.0000	50
97 1,3,5-Trimethylbenzene	105	12.891	12.894	(0.939)	1094746	50.0000	46
98 4-Chlorotoluene	91	12.965	12.959	(0.945)	1544800	50.0000	49
99 Butyl Methacrylate	87	12.937	12.931	(0.943)	944312	50.0000	49
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	1043728	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.970)	1142399	50.0000	47
103 sec-Butylbenzene	105	13.486	13.484	(0.983)	1370849	50.0000	49
105 1,3-Dichlorobenzene	146	13.658	13.667	(0.995)	696643	50.0000	48
107 p-Isopropyltoluene	119	13.630	13.621	(0.993)	1094219	50.0000	50
* 108 1,4-Dichlorobenzene-d4	152	13.722	13.730	(1.000)	526305	50.0000	
109 1,4-Dichlorobenzene	146	13.759	13.756	(1.003)	973526	50.0000	52
110 Benzyl Chloride	91	13.897	13.902	(1.013)	981335	50.0000	49
106 n-Butylbenzene	91	14.089	14.083	(1.027)	1033384	50.0000	51
111 1,2-Dichlorobenzene	146	14.199	14.201	(1.035)	812794	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	15.166	15.164	(1.105)	176721	50.0000	50
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.191)	348293	50.0000	51
115 Hexachlorobutadiene	225	16.551	16.563	(1.206)	307517	50.0000	52
116 Naphthalene	128	16.787	16.782	(1.223)	551516	50.0000	51
117 1,2,3-Trichlorobenzene	180	17.200	17.206	(1.253)	260841	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				1427550	100.000	99
M 121 Xylene (Total)	100				1921644	150.000	160

Data File: j03838.d

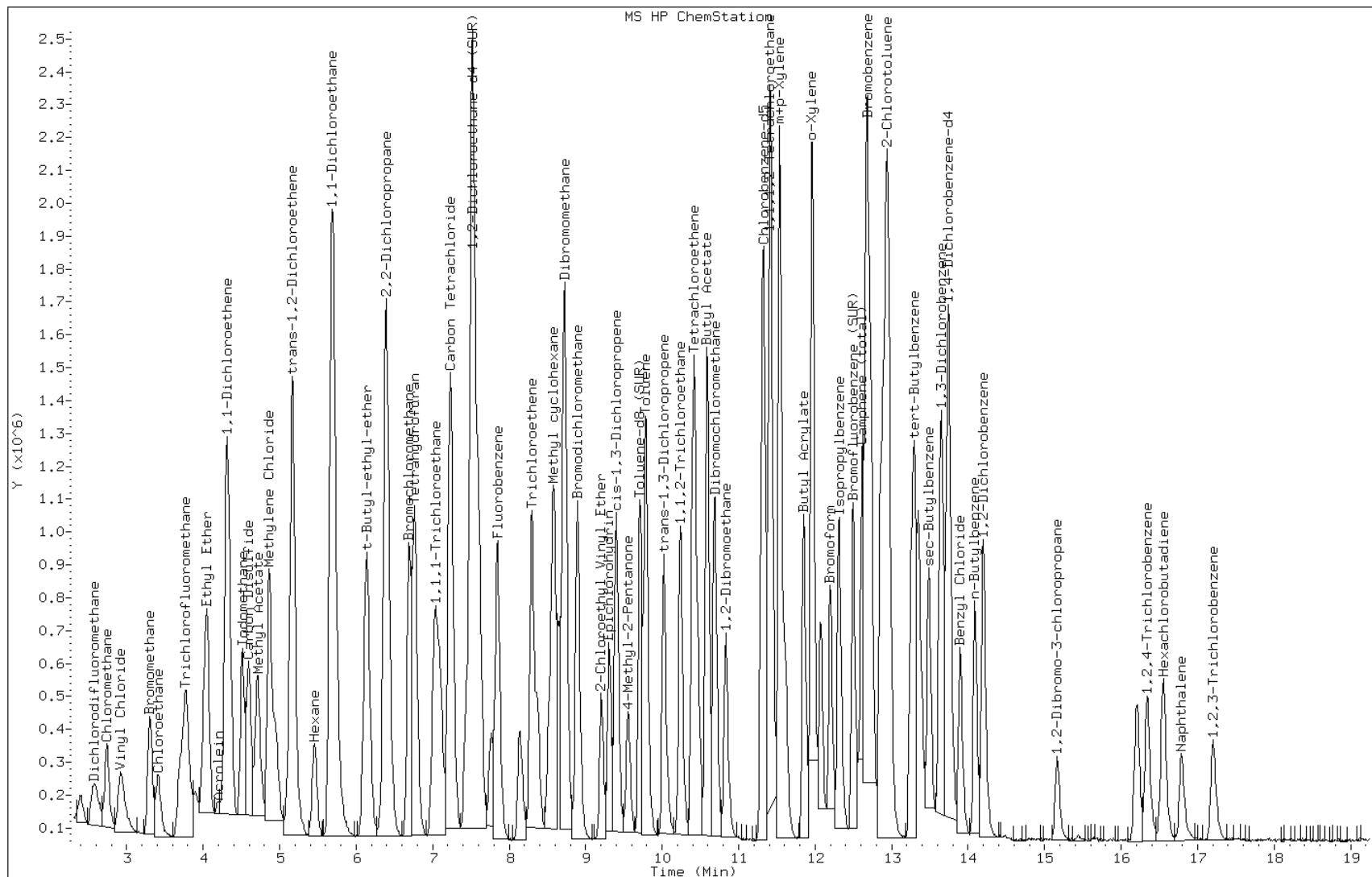
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Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Report Date: 23-Sep-2011 11:42

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 22-SEP-2011 04:35
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
	(ug/L)	(ug/L)					
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.577	2.562	(0.328)	3574362	200.000	200
3 Chloromethane	50	2.760	2.737	(0.352)	2664164	200.000	200
4 Vinyl Chloride	62	2.942	2.929	(0.375)	2762800	200.000	200
6 Bromomethane	94	3.308	3.297	(0.422)	2406446	200.000	210
5 Chloroethane	64	3.419	3.407	(0.436)	1487575	200.000	210
7 Trichlorofluoromethane	101	3.731	3.718	(0.476)	4761746	200.000	220
11 Ethyl Ether	59	4.014	4.011	(0.512)	1703719	200.000	210
15 1,1-Dichloroethene	96	4.305	4.312	(0.549)	2225522	200.000	210
14 Freon TF	101	4.324	4.322	(0.551)	3836695	200.000	220
16 Acetone	58	4.360	4.358	(0.556)	133158	200.000	190
17 Iodomethane	142	4.508	4.515	(0.574)	6171936	200.000	220
18 Carbon Disulfide	76	4.590	4.598	(0.585)	7074348	200.000	220
27 Methyl Acetate	74	4.717	4.708	(0.601)	474162	200.000	200
22 Methylene Chloride	84	4.865	4.868	(0.620)	2716065	200.000	210
24 TBA	59	4.957	4.951	(0.632)	3592527	4000.00	4100(A)
25 trans-1,2-Dichloroethene	96	5.168	5.181	(0.659)	2536937	200.000	210

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153	(0.656)	284310	100.000	100
28 MTBE	73	5.150	5.153	(0.656)	5918824	200.000	190
29 Hexane	56	5.451	5.446	(0.695)	783462	200.000	200
30 1,1-Dichloroethane	63	5.677	5.676	(0.724)	5035119	200.000	200
31 Vinyl Acetate	43	5.695	5.694	(0.726)	7259921	200.000	200
32 DIPE	45	5.695	5.694	(0.726)	11032589	200.000	190
35 t-Butyl-ethyl-ether	59	6.131	6.149	(0.781)	8678701	200.000	200
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	3708347	200.000	190
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	2711919	200.000	210
38 2-Butanone	72	6.390	6.373	(0.814)	198000	200.000	220
39 Ethyl Acetate	70	6.418	6.425	(0.818)	495850	400.000	400
40 Bromochloromethane	128	6.694	6.693	(0.853)	1675086	200.000	200
41 Tetrahydrofuran	42	6.740	6.749	(0.859)	573908	200.000	180
42 Chloroform	83	6.768	6.767	(0.863)	5443415	200.000	200
43 1,1,1-Trichloroethane	97	7.024	7.031	(0.895)	4066021	200.000	210
44 Cyclohexane	56	7.107	7.096	(0.906)	2337855	200.000	200
45 Carbon Tetrachloride	117	7.244	7.243	(0.923)	3768967	200.000	210
46 1,1-Dichloropropene	75	7.226	7.234	(0.921)	3684295	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.948)	559071	50.0000	49
48 Benzene	78	7.517	7.517	(0.665)	6566844	200.000	200
49 1,2-Dichloroethane	62	7.536	7.535	(0.960)	3008768	200.000	200
50 t-Amyl-methyl-ether	73	7.598	7.600	(0.968)	6645606	200.000	190
61 Isopropyl Acetate	43	7.517	7.526	(0.958)	13312788	400.000	400
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1473873	50.0000	
54 Trichloroethene	95	8.293	8.292	(1.057)	2762993	200.000	200
56 Methyl cyclohexane	83	8.530	8.531	(1.087)	1524321	200.000	210
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	3178720	200.000	190
57 1,2-Dichloropropane	63	8.583	8.577	(1.094)	2988452	200.000	200
58 Dibromomethane	93	8.731	8.732	(1.113)	2479096	200.000	190
59 Methyl Methacrylate	100	8.657	8.649	(1.103)	581517	200.000	190
68 Bromodichloromethane	83	8.894	8.888	(1.134)	5280142	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	1642294	200.000	220
63 Epichlorohydrin	57	9.306	9.305	(0.824)	4401100	4000.00	4100
67 cis-1,3-Dichloropropene	75	9.402	9.396	(0.832)	4382317	200.000	200
70 4-Methyl-2-Pentanone	43	9.549	9.553	(0.845)	2577675	200.000	210
\$ 65 Toluene-d8 (SUR)	98	9.711	9.708	(0.859)	1271412	50.0000	55
66 Toluene	91	9.782	9.787	(0.866)	6324406	200.000	200
64 trans-1,3-Dichloropropene	75	10.021	10.017	(0.887)	3650197	200.000	200
69 1,1,2-Trichloroethane	83	10.239	10.236	(0.906)	2102812	200.000	200
71 Tetrachloroethene	166	10.395	10.400	(0.920)	2195342	200.000	220
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	3818950	200.000	200
73 2-Hexanone	43	10.478	10.482	(0.927)	1466511	200.000	210
74 Dibromochloromethane	129	10.687	10.684	(0.946)	3979248	200.000	220
76 Butyl Acetate	73	10.589	10.591	(0.937)	1408142	400.000	420
77 1,2-Dibromoethane	107	10.834	10.829	(0.959)	3404694	200.000	210
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1010281	50.0000	
79 Chlorobenzene	112	11.334	11.332	(1.003)	4610877	200.000	220

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.406	11.410	(1.009)	2549569	200.000	210
81 Ethylbenzene	106	11.424	11.418	(1.011)	1739933	200.000	210
82 m+p-Xylene	106	11.535	11.537	(1.021)	4535105	400.000	420
84 o-Xylene	106	11.956	11.958	(1.058)	2299697	200.000	220
85 Styrene	104	11.964	11.967	(1.059)	4321534	200.000	220
83 Butyl Acrylate	73	11.847	11.847	(1.048)	2055880	200.000	220
86 Bromoform	173	12.199	12.196	(1.080)	2602510	200.000	220
88 Isopropylbenzene	105	12.309	12.315	(1.089)	5160607	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.499	12.496	(0.910)	510029	50.0000	50
90 Camphene (total)	93	12.601	12.606	(1.115)	1397760	200.000	200
91 Bromobenzene	156	12.672	12.678	(0.923)	2237063	200.000	190
92 1,1,2,2-Tetrachloroethane	83	12.628	12.624	(0.920)	3528097	200.000	180
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.924)	792652	200.000	180
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	699916	200.000	200(A)
95 n-Propylbenzene	91	12.728	12.731	(0.927)	5556037	200.000	180
96 2-Chlorotoluene	91	12.856	12.850	(0.936)	5103126	200.000	200(A)
97 1,3,5-Trimethylbenzene	105	12.893	12.894	(0.939)	3875726	200.000	190
98 4-Chlorotoluene	91	12.957	12.959	(0.944)	5155864	200.000	180
99 Butyl Methacrylate	87	12.929	12.931	(0.942)	3459087	200.000	200
100 tert-Butylbenzene	119	13.258	13.259	(0.965)	3776396	200.000	200
101 1,2,4-Trimethylbenzene	105	13.304	13.305	(0.969)	4036249	200.000	190
103 sec-Butylbenzene	105	13.491	13.484	(0.982)	4893128	200.000	200
105 1,3-Dichlorobenzene	146	13.662	13.667	(0.995)	2734606	200.000	210
107 p-Isopropyltoluene	119	13.625	13.621	(0.992)	3769068	200.000	190
* 108 1,4-Dichlorobenzene-d4	152	13.732	13.730	(1.000)	471837	50.0000	
109 1,4-Dichlorobenzene	146	13.750	13.756	(1.001)	3503954	200.000	210
110 Benzyl Chloride	91	13.896	13.902	(1.012)	3651508	200.000	200
106 n-Butylbenzene	91	14.086	14.083	(1.026)	3845233	200.000	210
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	2867468	200.000	200
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	690534	200.000	200
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.190)	1491639	200.000	200
115 Hexachlorobutadiene	225	16.549	16.563	(1.205)	1123392	200.000	210
116 Naphthalene	128	16.786	16.782	(1.222)	2526477	200.000	200
117 1,2,3-Trichlorobenzene	180	17.205	17.206	(1.253)	1020341	200.000	200
M 120 1,2-Dichloroethene (Total)	100				5248856	400.000	420
M 121 Xylene (Total)	100				6834802	600.000	640

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: j03839.d

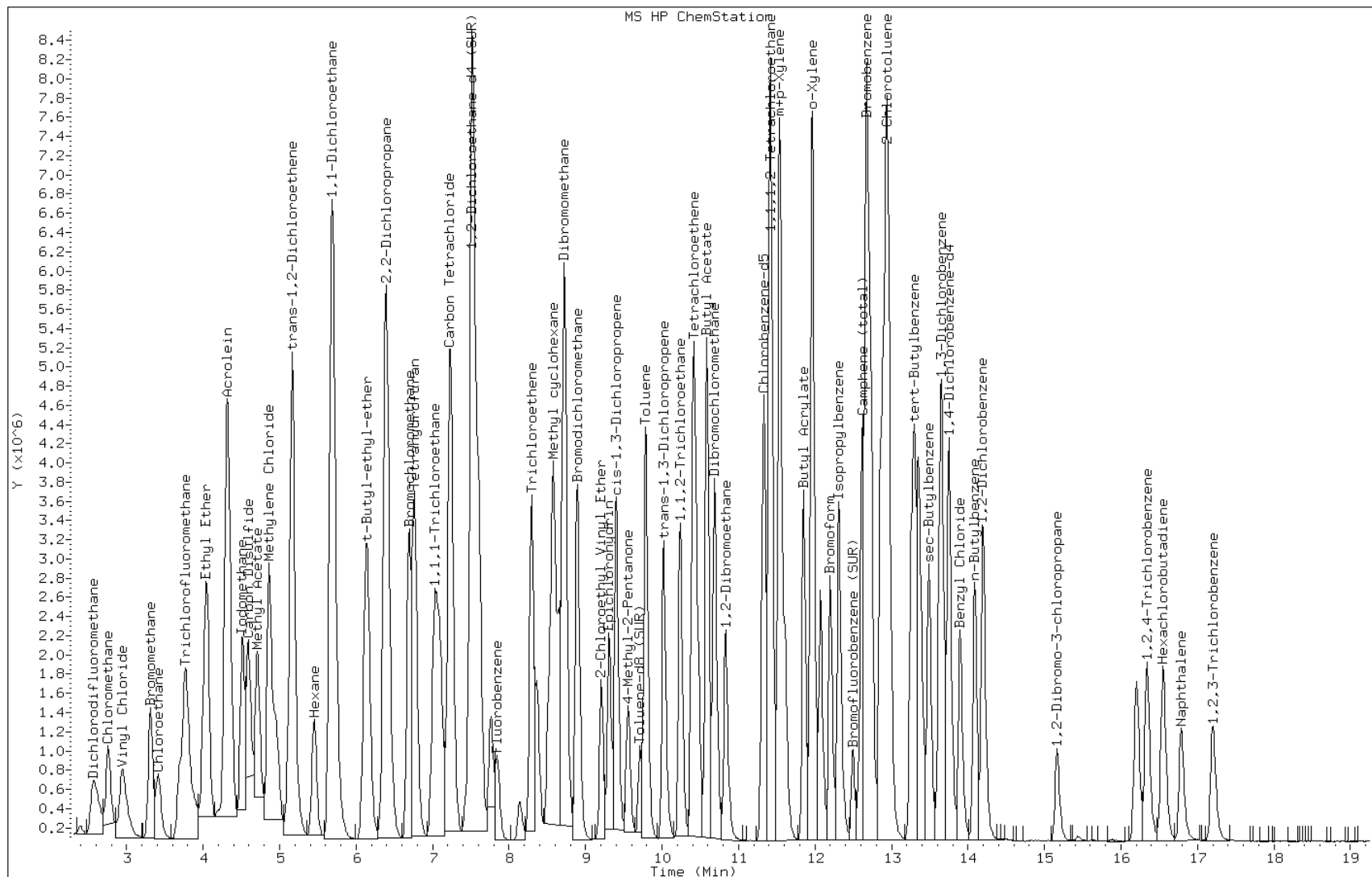
Date: 22-SEP-2011 04:35

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 22-SEP-2011 05:00
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE		CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	2.578	2.562 (0.328)		9200447		500.000	510(A)
3 Chloromethane	50	2.786	2.737 (0.355)		6768233		500.000	510(A)
4 Vinyl Chloride	62	2.960	2.929 (0.377)		6820628		500.000	510(A)
6 Bromomethane	94	3.319	3.297 (0.422)		5610185		500.000	540(A)
5 Chloroethane	64	3.420	3.407 (0.435)		3407159		500.000	540(A)
7 Trichlorofluoromethane	101	3.744	3.718 (0.476)		11803101		500.000	580(A)
11 Ethyl Ether	59	4.008	4.011 (0.510)		3786430		500.000	520(A)
15 1,1-Dichloroethene	96	4.317	4.312 (0.549)		5046112		500.000	530(A)
14 Freon TF	101	4.326	4.322 (0.550)		9070246		500.000	560(A)
16 Acetone	58	4.363	4.358 (0.555)		304009		500.000	490
17 Iodomethane	142	4.523	4.515 (0.576)		13194573		500.000	510(A)
18 Carbon Disulfide	76	4.597	4.598 (0.585)		15347618		500.000	530(A)
27 Methyl Acetate	74	4.726	4.708 (0.601)		1037928		500.000	500
22 Methylene Chloride	84	4.869	4.868 (0.620)		5949851		500.000	500(A)
24 TBA	59	4.961	4.951 (0.631)		7946086		10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.178	5.181 (0.659)		5684564		500.000	520(A)

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153 (0.655)		564293	200.000	230(A)
28 MTBE	73	5.160	5.153 (0.657)		13107600	500.000	480
29 Hexane	56	5.461	5.446 (0.695)		1905060	500.000	510(A)
30 1,1-Dichloroethane	63	5.683	5.676 (0.723)		10556609	500.000	470
31 Vinyl Acetate	43	5.701	5.694 (0.725)		15215566	500.000	490
32 DIPE	45	5.701	5.694 (0.725)		21252556	500.000	420
35 t-Butyl-ethyl-ether	59	6.142	6.149 (0.782)		17849919	500.000	460
37 2,2-Dichloropropane	77	6.392	6.390 (0.813)		8162742	500.000	480
36 cis-1,2-Dichloroethene	96	6.383	6.382 (0.812)		6026371	500.000	510(A)
38 2-Butanone	72	6.392	6.373 (0.813)		446353	500.000	540(A)
39 Ethyl Acetate	70	6.426	6.425 (0.818)		1129396	1000.00	1000(A)
40 Bromochloromethane	128	6.692	6.693 (0.852)		3756393	500.000	500(A)
41 Tetrahydrofuran	42	6.746	6.749 (0.858)		1245591	500.000	440(A)
42 Chloroform	83	6.773	6.767 (0.862)		11411462	500.000	480
43 1,1,1-Trichloroethane	97	7.030	7.031 (0.894)		8900016	500.000	510(A)
44 Cyclohexane	56	7.103	7.096 (0.904)		5406193	500.000	500(A)
45 Carbon Tetrachloride	117	7.250	7.243 (0.922)		8215596	500.000	520(A)
46 1,1-Dichloropropene	75	7.232	7.234 (0.920)		7587663	500.000	480
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.449	7.434 (0.948)		490026	50.0000	48
48 Benzene	78	7.522	7.517 (0.665)		12830150	500.000	450
49 1,2-Dichloroethane	62	7.540	7.535 (0.959)		6265194	500.000	460
50 t-Amyl-methyl-ether	73	7.614	7.600 (0.969)		13558490	500.000	450
61 Isopropyl Acetate	43	7.522	7.526 (0.957)		24342074	1000.00	960(A)
* 52 Fluorobenzene	96	7.859	7.848 (1.000)		1319018	50.0000	
54 Trichloroethene	95	8.295	8.292 (1.056)		5948625	500.000	490
56 Methyl cyclohexane	83	8.542	8.531 (1.087)		3477370	500.000	530(A)
55 Ethyl Acrylate	55	8.376	8.375 (1.066)		6809154	500.000	460
57 1,2-Dichloropropane	63	8.588	8.577 (1.093)		6362283	500.000	470
58 Dibromomethane	93	8.735	8.732 (1.111)		5252834	500.000	460
59 Methyl Methacrylate	100	8.662	8.649 (1.102)		1232115	500.000	450
68 Bromodichloromethane	83	8.901	8.888 (1.133)		10711443	500.000	460
62 2-Chloroethyl Vinyl Ether	63	9.214	9.207 (1.172)		3369658	500.000	510(A)
63 Epichlorohydrin	57	9.315	9.305 (0.824)		9231198	10000.0	9600
67 cis-1,3-Dichloropropene	75	9.406	9.396 (0.832)		8895744	500.000	460
70 4-Methyl-2-Pentanone	43	9.562	9.553 (0.846)		5418320	500.000	500(A)
\$ 65 Toluene-d8 (SUR)	98	9.718	9.708 (0.860)		1088434	50.0000	52
66 Toluene	91	9.791	9.787 (0.866)		12679698	500.000	450
64 trans-1,3-Dichloropropene	75	10.028	10.017 (0.887)		7549360	500.000	470
69 1,1,2-Trichloroethane	83	10.244	10.236 (0.906)		4333790	500.000	470
71 Tetrachloroethene	166	10.403	10.400 (0.920)		4999906	500.000	540(A)
72 1,3-Dichloropropane	76	10.430	10.426 (0.923)		7921759	500.000	480
73 2-Hexanone	43	10.483	10.482 (0.927)		3097120	500.000	490
74 Dibromochloromethane	129	10.692	10.684 (0.946)		8131983	500.000	490
76 Butyl Acetate	73	10.593	10.591 (0.937)		3060622	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.829 (0.959)		7089894	500.000	490
* 78 Chlorobenzene-d5	117	11.303	11.306 (1.000)		909147	50.0000	
79 Chlorobenzene	112	11.340	11.332 (1.003)		9179998	500.000	480

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.414	11.410	(1.010)	5701164	500.000	520(A)
81 Ethylbenzene	106	11.422	11.418	(1.011)	3596637	500.000	490
82 m+p-Xylene	106	11.541	11.537	(1.021)	9052206	1000.00	940
84 o-Xylene	106	11.961	11.958	(1.058)	4572267	500.000	480
85 Styrene	104	11.970	11.967	(1.059)	8366380	500.000	470
83 Butyl Acrylate	73	11.852	11.847	(1.049)	4629670	500.000	550(A)
86 Bromoform	173	12.203	12.196	(1.080)	5808832	500.000	550(A)
88 Isopropylbenzene	105	12.314	12.315	(1.089)	10460177	500.000	480
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.496	(0.910)	443737	50.0000	47
90 Camphene (total)	93	12.612	12.606	(1.116)	3330239	500.000	530(A)
91 Bromobenzene	156	12.683	12.678	(0.923)	4819774	500.000	450
92 1,1,2,2-Tetrachloroethane	83	12.630	12.624	(0.919)	7579842	500.000	430(A)
93 1,2,3-Trichloropropane	110	12.692	12.686	(0.924)	1692998	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.683	12.678	(0.923)	1369967	500.000	430(A)
95 n-Propylbenzene	91	12.738	12.731	(0.927)	10874525	500.000	400
96 2-Chlorotoluene	91	12.864	12.850	(0.936)	10650215	500.000	460(A)
97 1,3,5-Trimethylbenzene	105	12.901	12.894	(0.939)	8209117	500.000	430
98 4-Chlorotoluene	91	12.965	12.959	(0.944)	11159737	500.000	440
99 Butyl Methacrylate	87	12.938	12.931	(0.942)	7706811	500.000	480
100 tert-Butylbenzene	119	13.265	13.259	(0.966)	8577687	500.000	480
101 1,2,4-Trimethylbenzene	105	13.311	13.305	(0.969)	9221328	500.000	460
103 sec-Butylbenzene	105	13.492	13.484	(0.982)	10359351	500.000	450
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	6119630	500.000	500
107 p-Isopropyltoluene	119	13.630	13.621	(0.992)	8996334	500.000	490
* 108 1,4-Dichlorobenzene-d4	152	13.736	13.730	(1.000)	442568	50.0000	
109 1,4-Dichlorobenzene	146	13.764	13.756	(1.002)	7685834	500.000	490
110 Benzyl Chloride	91	13.902	13.902	(1.012)	8277819	500.000	490
106 n-Butylbenzene	91	14.095	14.083	(1.026)	8975541	500.000	520(A)
111 1,2-Dichlorobenzene	146	14.203	14.201	(1.034)	6715796	500.000	500
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	1688558	500.000	500(A)
114 1,2,4-Trichlorobenzene	180	16.347	16.346	(1.190)	3679457	500.000	500(A)
115 Hexachlorobutadiene	225	16.560	16.563	(1.206)	2563054	500.000	510(A)
116 Naphthalene	128	16.791	16.782	(1.222)	6053480	500.000	500(A)
117 1,2,3-Trichlorobenzene	180	17.202	17.206	(1.252)	2457800	500.000	500(A)
M 120 1,2-Dichloroethene (Total)	100				11710935	1000.00	1000(A)
M 121 Xylene (Total)	100				13624473	1500.00	1400

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: j03840.d

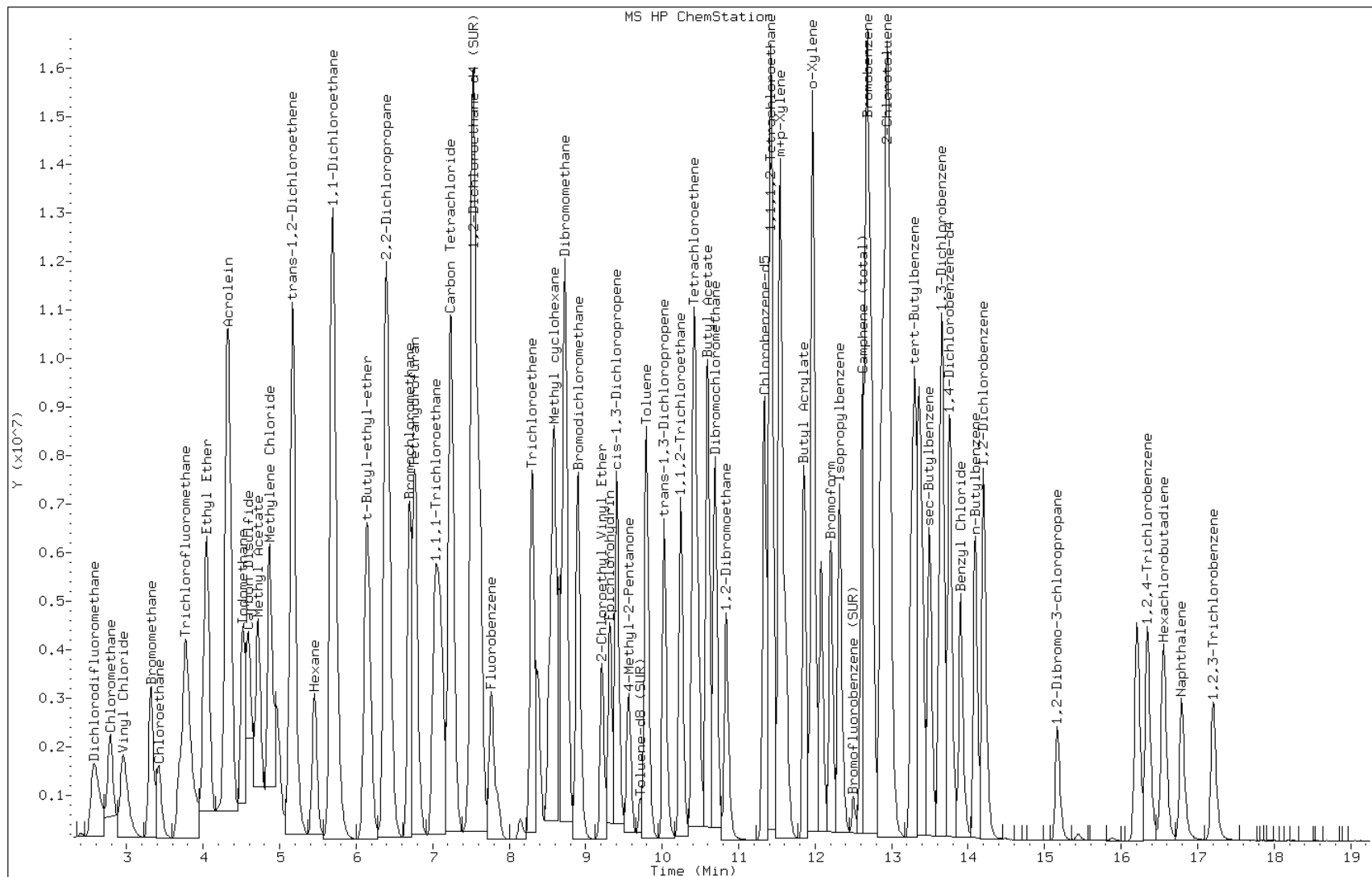
Date: 22-SEP-2011 05:00

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87364/2 Calibration Date: 09/26/2011 19:24

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03964.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF	0.5724	0.7402	0.1000	21.6	20.0	8.0	25.0
Chloromethane	QuaF	0.4099	0.4679	0.1000	18.5	20.0	-7.3	25.0
Vinyl chloride	QuaF	0.4113	0.4495	0.1000	17.6	20.0	-11.9	25.0
Bromomethane	Ave	0.3901	0.4089	0.1000	21.0	20.0	4.8	25.0
Chloroethane	Ave	0.2397	0.2525	0.1000	21.1	20.0	5.4	25.0
Trichlorofluoromethane	Ave	0.7688	0.8183	0.1000	21.3	20.0	6.4	25.0
Ethyl ether	Ave	0.2760	0.2698	0.1000	19.6	20.0	-2.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.6058	0.1000	19.7	20.0	-1.3	25.0
1,1-Dichloroethene	Ave	0.3601	0.3339	0.1000	18.5	20.0	-7.3	25.0
Acetone	Ave	0.0236	0.0209*	0.1000	17.8	20.0	-11.2	25.0
Iodomethane	Ave	0.9764	0.9038	0.1000	18.5	20.0	-7.4	25.0
Carbon disulfide	Ave	1.102	1.079	0.1000	19.6	20.0	-2.0	25.0
Methyl acetate	LinF	0.0879	0.0759*	0.1000	19.2	20.0	-3.8	25.0
Methylene Chloride	Ave	0.4475	0.4152	0.1000	18.6	20.0	-7.2	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0309*	0.1000	413	400	3.3	25.0
Acrylonitrile	Ave	0.0940	0.0822*	0.1000	17.5	20.0	-12.5	25.0
Methyl tert-butyl ether	Ave	1.026	0.9522	0.1000	18.6	20.0	-7.2	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.3949	0.1000	19.2	20.0	-4.0	25.0
Hexane	LinF	0.1318	0.1234	0.1000	17.3	20.0	-13.5	25.0
1,1-Dichloroethane	Ave	0.8431	0.8048	0.1000	19.1	20.0	-4.5	25.0
Isopropyl ether	Ave	1.928	1.839	0.1000	19.1	20.0	-4.6	25.0
Vinyl acetate	LinF	1.383	1.239	0.1000	21.3	20.0	6.4	25.0
Tert-butyl ethyl ether	Ave	1.453	1.409	0.1000	19.4	20.0	-3.1	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4236	0.1000	19.0	20.0	-5.0	25.0
2-Butanone (MEK)	Ave	0.0316	0.0333*	0.1000	21.1	20.0	5.5	25.0
2,2-Dichloropropane	Ave	0.6466	0.6140	0.1000	19.0	20.0	-5.0	25.0
Ethyl acetate	Ave	0.0417	0.0407*	0.1000	39.1	40.0	-2.3	25.0
Chlorobromomethane	Ave	0.2833	0.2583	0.1000	18.2	20.0	-8.9	25.0
Tetrahydrofuran	Ave	0.1065	0.1076	0.1000	20.2	20.0	1.0	25.0
Chloroform	Ave	0.9049	0.8538	0.1000	18.9	20.0	-5.6	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6328	0.1000	19.0	20.0	-5.0	25.0
Cyclohexane	Ave	0.4053	0.3773	0.1000	18.6	20.0	-6.9	25.0
1,1-Dichloropropene	Ave	0.6031	0.5680	0.1000	18.8	20.0	-5.8	25.0
Carbon tetrachloride	Ave	0.6035	0.5669	0.1000	18.8	20.0	-6.1	25.0
Benzene	Ave	1.575	1.539	0.1000	19.5	20.0	-2.3	25.0
Isopropyl acetate	LinF	1.197	1.085	0.1000	45.2	40.0	13.1	25.0
1,2-Dichloroethane	Ave	0.5106	0.4781	0.1000	18.7	20.0	-6.4	25.0
Tert-amyl methyl ether	Ave	1.138	1.048	0.1000	18.4	20.0	-8.0	25.0
Trichloroethene	Ave	0.4585	0.4395	0.1000	19.2	20.0	-4.1	25.0
Ethyl acrylate	Ave	0.5606	0.4929	0.1000	17.6	20.0	-12.1	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87364/2 Calibration Date: 09/26/2011 19:24

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03964.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.2481	0.2584	0.1000	20.8	20.0	4.1	25.0
1,2-Dichloropropane	Ave	0.5098	0.4724	0.1000	18.5	20.0	-7.3	25.0
Methyl methacrylate	Ave	0.1035	0.0939*	0.1000	18.1	20.0	-9.3	25.0
Dibromomethane	Ave	0.4323	0.4082	0.1000	18.9	20.0	-5.6	25.0
Dichlorobromomethane	Ave	0.8857	0.8097	0.1000	18.3	20.0	-8.6	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2608	0.1000	20.8	20.0	4.1	25.0
Epichlorohydrin	Ave	0.0530	0.0526*	0.1000	397	400	-0.8	25.0
cis-1,3-Dichloropropene	Ave	1.051	0.9637	0.1000	18.3	20.0	-8.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5644	0.1000	19.0	20.0	-5.2	25.0
Toluene	Ave	1.563	1.432	0.1000	18.3	20.0	-8.4	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.7982	0.1000	18.1	20.0	-9.3	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4831	0.1000	19.1	20.0	-4.4	25.0
Tetrachloroethene	Ave	0.5125	0.5053	0.1000	19.7	20.0	-1.4	25.0
1,3-Dichloropropane	Ave	0.9170	0.8821	0.1000	19.2	20.0	-3.8	25.0
2-Hexanone	Ave	0.3491	0.3158	0.1000	18.1	20.0	-9.5	25.0
n-Butyl acetate	Ave	0.1647	0.1582	0.1000	38.4	40.0	-3.9	25.0
Chlorodibromomethane	Ave	0.9082	0.8358	0.1000	18.4	20.0	-8.0	25.0
1,2-Dibromoethane	Ave	0.7887	0.7390	0.1000	18.7	20.0	-6.3	25.0
Chlorobenzene	Ave	1.044	1.042	0.1000	19.9	20.0	-0.3	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5784	0.1000	19.4	20.0	-3.0	25.0
Ethylbenzene	Ave	0.4064	0.3821	0.1000	18.8	20.0	-6.0	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5293	0.1000	40.1	40.0	0.2	25.0
n-Butyl acrylate	Ave	0.4626	0.4457	0.1000	19.3	20.0	-3.7	25.0
o-Xylene	Ave	0.5189	0.5042	0.1000	19.4	20.0	-2.8	25.0
Styrene	Ave	0.9798	0.9360	0.1000	19.1	20.0	-4.5	25.0
Bromoform	Ave	0.5829	0.5172	0.1000	17.7	20.0	-11.3	25.0
Isopropylbenzene	Ave	1.205	1.191	0.1000	19.8	20.0	-1.2	25.0
Camphene	Ave	0.3463	0.3238	0.1000	18.7	20.0	-6.5	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	1.828	0.1000	18.4	20.0	-7.8	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3274	0.1000	18.3	20.0	-8.7	25.0
Bromobenzene	Ave	1.197	1.122	0.1000	18.7	20.0	-6.3	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4435	0.1000	19.5	20.0	-2.3	25.0
N-Propylbenzene	Ave	3.069	3.149	0.1000	20.5	20.0	2.6	25.0
2-Chlorotoluene	Ave	2.627	1.812	0.1000	13.8	20.0	-31.0*	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.188	0.1000	20.4	20.0	2.2	25.0
Butyl Methacrylate	Ave	1.814	1.776	0.1000	19.6	20.0	-2.1	25.0
4-Chlorotoluene	Ave	2.874	2.735	0.1000	19.0	20.0	-4.9	25.0
tert-Butylbenzene	Ave	2.027	1.996	0.1000	19.7	20.0	-1.5	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.223	0.1000	19.9	20.0	-0.6	25.0
sec-Butylbenzene	Ave	2.602	2.713	0.1000	20.9	20.0	4.3	25.0
4-Isopropyltoluene	Ave	2.063	2.056	0.1000	19.9	20.0	-0.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87364/2 Calibration Date: 09/26/2011 19:24
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j03964.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.391	1.432	0.1000	20.6	20.0	2.9	25.0
1,4-Dichlorobenzene	Ave	1.775	1.674	0.1000	18.9	20.0	-5.7	25.0
Benzyl chloride	Ave	1.892	1.889	0.1000	20.0	20.0	-0.2	25.0
n-Butylbenzene	Ave	1.956	2.004	0.1000	20.5	20.0	2.5	25.0
1,2-Dichlorobenzene	Ave	1.525	1.554	0.1000	20.4	20.0	1.9	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3152	0.1000	16.6	20.0	-16.9	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.7123	0.1000	18.9	20.0	-5.6	25.0
Hexachlorobutadiene	Ave	0.5666	0.6397	0.1000	22.6	20.0	12.9	25.0
Naphthalene	QuaF	1.019	1.168	0.1000	18.2	20.0	-9.2	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.5989	0.1000	21.7	20.0	8.3	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3770	0.1000	48.8	50.0	-2.4	25.0
Toluene-d8 (Surr)	Ave	1.156	1.119	0.1000	48.4	50.0	-3.2	25.0
4-Bromofluorobenzene	Ave	1.067	1.007	0.1000	47.2	50.0	-5.6	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03964.d
 Report Date: 26-Sep-2011 19:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03964.d
 Lab Smp Id: CCVIS
 Inj Date : 26-SEP-2011 19:24
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 3 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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.582	2.582	(0.328)	312302	20.0000	22
3 Chloromethane	50	2.746	2.746	(0.349)	197416	20.0000	18
4 Vinyl Chloride	62	2.920	2.920	(0.371)	189642	20.0000	18
6 Bromomethane	94	3.305	3.305	(0.420)	172510	20.0000	21
5 Chloroethane	64	3.416	3.416	(0.434)	106545	20.0000	21
7 Trichlorofluoromethane	101	3.734	3.734	(0.475)	345222	20.0000	21
11 Ethyl Ether	59	4.016	4.016	(0.511)	113839	20.0000	20
15 1,1-Dichloroethene	96	4.327	4.327	(0.550)	140875	20.0000	18
14 Freon TF	101	4.327	4.327	(0.550)	255576	20.0000	20
16 Acetone	58	4.373	4.373	(0.556)	8833	20.0000	18
17 Iodomethane	142	4.528	4.528	(0.576)	381322	20.0000	18
18 Carbon Disulfide	76	4.611	4.611	(0.586)	455285	20.0000	20
27 Methyl Acetate	74	4.729	4.729	(0.601)	32030	20.0000	19
22 Methylene Chloride	84	4.875	4.875	(0.620)	175176	20.0000	18
24 TBA	59	4.957	4.957	(0.630)	261089	400.000	410
25 trans-1,2-Dichloroethene	96	5.183	5.183	(0.659)	166590	20.0000	19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.174	5.174	(0.658)	34683	20.0000	17
28 MTBE	73	5.174	5.174	(0.658)	401741	20.0000	18
29 Hexane	56	5.465	5.465	(0.695)	52059	20.0000	17
30 1,1-Dichloroethane	63	5.684	5.684	(0.723)	339533	20.0000	19
31 Vinyl Acetate	43	5.712	5.712	(0.726)	522911	20.0000	21
32 DIPE	45	5.712	5.712	(0.726)	775935	20.0000	19
35 t-Butyl-ethyl-ether	59	6.148	6.148	(0.782)	594289	20.0000	19
37 2,2-Dichloropropane	77	6.413	6.413	(0.815)	259061	20.0000	19
36 cis-1,2-Dichloroethene	96	6.394	6.394	(0.813)	178716	20.0000	19
38 2-Butanone	72	6.403	6.403	(0.814)	14057	20.0000	21
39 Ethyl Acetate	70	6.422	6.422	(0.816)	34371	40.0000	39
40 Bromochloromethane	128	6.705	6.705	(0.852)	108955	20.0000	18
41 Tetrahydrofuran	42	6.750	6.750	(0.858)	45383	20.0000	20
42 Chloroform	83	6.778	6.778	(0.862)	360228	20.0000	19
43 1,1,1-Trichloroethane	97	7.048	7.048	(0.896)	266989	20.0000	19
44 Cyclohexane	56	7.112	7.112	(0.904)	159193	20.0000	19
45 Carbon Tetrachloride	117	7.264	7.264	(0.924)	239158	20.0000	19
46 1,1-Dichloropropene	75	7.246	7.246	(0.921)	239618	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.457	7.457	(0.948)	397646	50.0000	49
48 Benzene	78	7.529	7.529	(0.665)	445507	20.0000	20
49 1,2-Dichloroethane	62	7.548	7.548	(0.960)	201694	20.0000	19
50 t-Amyl-methyl-ether	73	7.612	7.612	(0.968)	441950	20.0000	18
61 Isopropyl Acetate	43	7.529	7.529	(0.957)	915089	40.0000	45
* 52 Fluorobenzene	96	7.866	7.866	(1.000)	1054737	50.0000	
54 Trichloroethene	95	8.309	8.309	(1.056)	185400	20.0000	19
56 Methyl cyclohexane	83	8.547	8.547	(1.087)	109019	20.0000	21
55 Ethyl Acrylate	55	8.382	8.382	(1.066)	207929	20.0000	18
57 1,2-Dichloropropane	63	8.601	8.601	(1.094)	199285	20.0000	18
58 Dibromomethane	93	8.748	8.748	(1.112)	172197	20.0000	19
59 Methyl Methacrylate	100	8.675	8.675	(1.103)	39608	20.0000	18
68 Bromodichloromethane	83	8.904	8.904	(1.132)	341610	20.0000	18
62 2-Chloroethyl Vinyl Ether	63	9.221	9.221	(1.172)	110036	20.0000	21
63 Epichlorohydrin	57	9.322	9.322	(0.824)	304546	400.000	400
67 cis-1,3-Dichloropropene	75	9.414	9.414	(0.832)	279052	20.0000	18
70 4-Methyl-2-Pentanone	43	9.568	9.568	(0.845)	163434	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	9.723	9.723	(0.859)	810085	50.0000	48
66 Toluene	91	9.806	9.806	(0.866)	414804	20.0000	18
64 trans-1,3-Dichloropropene	75	10.040	10.040	(0.887)	231145	20.0000	18
69 1,1,2-Trichloroethane	83	10.250	10.250	(0.906)	139881	20.0000	19
71 Tetrachloroethene	166	10.422	10.422	(0.921)	146320	20.0000	20
72 1,3-Dichloropropane	76	10.441	10.441	(0.923)	255443	20.0000	19
73 2-Hexanone	43	10.496	10.496	(0.927)	91438	20.0000	18
74 Dibromochloromethane	129	10.707	10.707	(0.946)	242011	20.0000	18
76 Butyl Acetate	73	10.606	10.606	(0.937)	91639	40.0000	38
77 1,2-Dibromoethane	107	10.844	10.844	(0.958)	213990	20.0000	19
* 78 Chlorobenzene-d5	117	11.317	11.317	(1.000)	723930	50.0000	
79 Chlorobenzene	112	11.354	11.354	(1.003)	301601	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03964.d
Report Date: 26-Sep-2011 19:38

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.432	11.432	(1.010)	167495	20.0000	19
81 Ethylbenzene	106	11.441	11.441	(1.011)	110644	20.0000	19
82 m+p-Xylene	106	11.551	11.551	(1.021)	306556	40.0000	40
84 o-Xylene	106	11.973	11.973	(1.058)	146000	20.0000	19
85 Styrene	104	11.982	11.982	(1.059)	271032	20.0000	19
83 Butyl Acrylate	73	11.863	11.863	(1.048)	129048	20.0000	19
86 Bromoform	173	12.218	12.218	(1.080)	149778	20.0000	18
88 Isopropylbenzene	105	12.328	12.328	(1.089)	344893	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	12.511	12.511	(0.910)	305792	50.0000	47
90 Camphene (total)	93	12.622	12.622	(1.115)	93749	20.0000	19
91 Bromobenzene	156	12.695	12.695	(0.924)	136243	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	12.640	12.640	(0.920)	221936	20.0000	18
93 1,2,3-Trichloropropane	110	12.705	12.705	(0.924)	53835	20.0000	20
94 trans-1,4-Dichloro-2-butene	53	12.686	12.686	(0.923)	39745	20.0000	18
95 n-Propylbenzene	91	12.741	12.741	(0.927)	382310	20.0000	20
96 2-Chlorotoluene	91	12.868	12.868	(0.936)	219967	20.0000	14
97 1,3,5-Trimethylbenzene	105	12.905	12.905	(0.939)	265645	20.0000	20
98 4-Chlorotoluene	91	12.978	12.978	(0.944)	331974	20.0000	19
99 Butyl Methacrylate	87	12.951	12.951	(0.942)	215617	20.0000	20
100 tert-Butylbenzene	119	13.271	13.271	(0.966)	242366	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.317	13.317	(0.969)	269879	20.0000	20
103 sec-Butylbenzene	105	13.508	13.508	(0.983)	329376	20.0000	21
105 1,3-Dichlorobenzene	146	13.682	13.682	(0.995)	173788	20.0000	20
107 p-Isopropyltoluene	119	13.646	13.646	(0.993)	249620	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.745	13.745	(1.000)	303495	50.0000	
109 1,4-Dichlorobenzene	146	13.773	13.773	(1.002)	203253	20.0000	19
110 Benzyl Chloride	91	13.918	13.918	(1.013)	229263	20.0000	20
106 n-Butylbenzene	91	14.102	14.102	(1.026)	243334	20.0000	20
111 1,2-Dichlorobenzene	146	14.212	14.212	(1.034)	188712	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	15.186	15.186	(1.105)	38260	20.0000	17
114 1,2,4-Trichlorobenzene	180	16.366	16.366	(1.191)	86472	20.0000	19
115 Hexachlorobutadiene	225	16.587	16.587	(1.207)	77653	20.0000	22
116 Naphthalene	128	16.815	16.815	(1.223)	141735	20.0000	18
117 1,2,3-Trichlorobenzene	180	17.226	17.226	(1.253)	72703	20.0000	22
M 120 1,2-Dichloroethene (Total)	100				345307	40.0000	38
M 121 Xylene (Total)	100				452557	60.0000	60

Data File: j03964.d

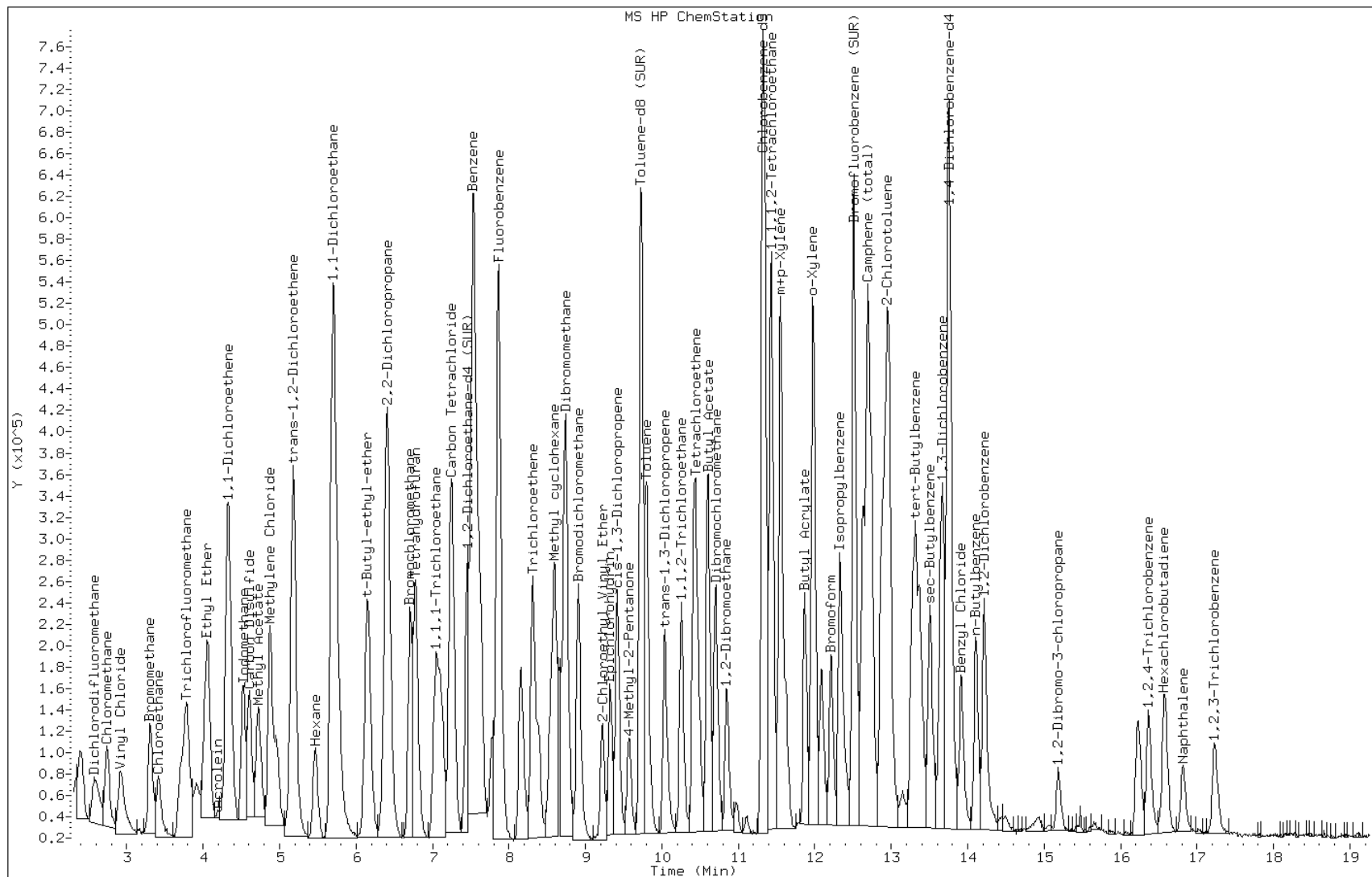
Date: 26-SEP-2011 19:24

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCV 460-87364/23 Calibration Date: 09/27/2011 06:08

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03988.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF	0.5724	0.8226	0.1000	24.0	20.0	20.0	25.0
Chloromethane	QuaF	0.4099	0.5453	0.1000	21.6	20.0	8.1	25.0
Vinyl chloride	QuaF	0.4113	0.5504	0.1000	21.6	20.0	7.9	25.0
Bromomethane	Ave	0.3901	0.4674	0.1000	24.0	20.0	19.8	25.0
Chloroethane	Ave	0.2397	0.2740	0.1000	22.9	20.0	14.3	25.0
Trichlorofluoromethane	Ave	0.7688	0.9149	0.1000	23.8	20.0	19.0	25.0
Ethyl ether	Ave	0.2760	0.2465	0.1000	17.9	20.0	-10.7	25.0
1,1-Dichloroethene	Ave	0.3601	0.3622	0.1000	20.1	20.0	0.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.5972	0.1000	19.5	20.0	-2.7	25.0
Acetone	Ave	0.0236	0.0245*	0.1000	20.7	20.0	3.7	25.0
Iodomethane	Ave	0.9764	0.9342	0.1000	19.1	20.0	-4.3	25.0
Carbon disulfide	Ave	1.102	1.020	0.1000	18.5	20.0	-7.4	25.0
Methyl acetate	LinF	0.0879	0.0825*	0.1000	20.9	20.0	4.5	25.0
Methylene Chloride	Ave	0.4475	0.4459	0.1000	19.9	20.0	-0.4	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0271*	0.1000	362	400	-9.5	25.0
Acrylonitrile	Ave	0.0940	0.0749*	0.1000	15.9	20.0	-20.3	25.0
Methyl tert-butyl ether	Ave	1.026	0.9184	0.1000	17.9	20.0	-10.5	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.4130	0.1000	20.1	20.0	0.4	25.0
Hexane	LinF	0.1318	0.1208	0.1000	16.9	20.0	-15.3	25.0
1,1-Dichloroethane	Ave	0.8431	0.8074	0.1000	19.2	20.0	-4.2	25.0
Vinyl acetate	LinF	1.383	1.102	0.1000	18.9	20.0	-5.4	25.0
Isopropyl ether	Ave	1.928	1.668	0.1000	17.3	20.0	-13.5	25.0
Tert-butyl ethyl ether	Ave	1.453	1.328	0.1000	18.3	20.0	-8.6	25.0
2-Butanone (MEK)	Ave	0.0316	0.0291*	0.1000	18.4	20.0	-7.8	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4356	0.1000	19.5	20.0	-2.3	25.0
2,2-Dichloropropane	Ave	0.6466	0.6293	0.1000	19.5	20.0	-2.7	25.0
Ethyl acetate	Ave	0.0417	0.0401*	0.1000	38.5	40.0	-3.8	25.0
Chlorobromomethane	Ave	0.2833	0.2914	0.1000	20.6	20.0	2.8	25.0
Tetrahydrofuran	Ave	0.1065	0.0917*	0.1000	17.2	20.0	-14.0	25.0
Chloroform	Ave	0.9049	0.8953	0.1000	19.8	20.0	-1.1	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.7002	0.1000	21.0	20.0	5.1	25.0
Cyclohexane	Ave	0.4053	0.3647	0.1000	18.0	20.0	-10.0	25.0
1,1-Dichloropropene	Ave	0.6031	0.6060	0.1000	20.1	20.0	0.5	25.0
Carbon tetrachloride	Ave	0.6035	0.6296	0.1000	20.9	20.0	4.3	25.0
Benzene	Ave	1.575	1.519	0.1000	19.3	20.0	-3.5	25.0
Isopropyl acetate	LinF	1.197	1.060	0.1000	44.2	40.0	10.6	25.0
1,2-Dichloroethane	Ave	0.5106	0.5083	0.1000	19.9	20.0	-0.5	25.0
Tert-amyl methyl ether	Ave	1.138	1.087	0.1000	19.1	20.0	-4.5	25.0
Trichloroethene	Ave	0.4585	0.4814	0.1000	21.0	20.0	5.0	25.0
Ethyl acrylate	Ave	0.5606	0.4793	0.1000	17.1	20.0	-14.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCV 460-87364/23 Calibration Date: 09/27/2011 06:08

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j03988.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.2481	0.2510	0.1000	20.2	20.0	1.2	25.0
1,2-Dichloropropane	Ave	0.5098	0.5111	0.1000	20.1	20.0	0.3	25.0
Methyl methacrylate	Ave	0.1035	0.1030	0.1000	19.9	20.0	-0.5	25.0
Dibromomethane	Ave	0.4323	0.4462	0.1000	20.6	20.0	3.2	25.0
Dichlorobromomethane	Ave	0.8857	0.8652	0.1000	19.5	20.0	-2.3	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2497	0.1000	19.9	20.0	-0.4	25.0
Epichlorohydrin	Ave	0.0530	0.0463*	0.1000	349	400	-12.7	25.0
cis-1,3-Dichloropropene	Ave	1.051	0.9429	0.1000	17.9	20.0	-10.3	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5010	0.1000	16.8	20.0	-15.8	25.0
Toluene	Ave	1.563	1.461	0.1000	18.7	20.0	-6.5	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.7793	0.1000	17.7	20.0	-11.5	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4890	0.1000	19.4	20.0	-3.2	25.0
Tetrachloroethene	Ave	0.5125	0.5083	0.1000	19.8	20.0	-0.8	25.0
1,3-Dichloropropane	Ave	0.9170	0.8818	0.1000	19.2	20.0	-3.8	25.0
2-Hexanone	Ave	0.3491	0.2848	0.1000	16.3	20.0	-18.4	25.0
n-Butyl acetate	Ave	0.1647	0.1554	0.1000	37.7	40.0	-5.7	25.0
Chlorodibromomethane	Ave	0.9082	0.8771	0.1000	19.3	20.0	-3.4	25.0
1,2-Dibromoethane	Ave	0.7887	0.7717	0.1000	19.6	20.0	-2.2	25.0
Chlorobenzene	Ave	1.044	1.083	0.1000	20.7	20.0	3.7	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5817	0.1000	19.5	20.0	-2.4	25.0
Ethylbenzene	Ave	0.4064	0.4338	0.1000	21.3	20.0	6.7	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5673	0.1000	43.0	40.0	7.4	25.0
n-Butyl acrylate	Ave	0.4626	0.4166	0.1000	18.0	20.0	-9.9	25.0
o-Xylene	Ave	0.5189	0.5345	0.1000	20.6	20.0	3.0	25.0
Styrene	Ave	0.9798	0.9754	0.1000	19.9	20.0	-0.4	25.0
Bromoform	Ave	0.5829	0.5529	0.1000	19.0	20.0	-5.2	25.0
Isopropylbenzene	Ave	1.205	1.229	0.1000	20.4	20.0	2.0	25.0
Camphene	Ave	0.3463	0.3389	0.1000	19.6	20.0	-2.2	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	1.873	0.1000	18.9	20.0	-5.5	25.0
Bromobenzene	Ave	1.197	1.218	0.1000	20.3	20.0	1.7	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3296	0.1000	18.4	20.0	-8.1	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4474	0.1000	19.7	20.0	-1.4	25.0
N-Propylbenzene	Ave	3.069	3.173	0.1000	20.7	20.0	3.4	25.0
2-Chlorotoluene	Ave	2.627	2.830	0.1000	21.6	20.0	7.8	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.223	0.1000	20.8	20.0	3.8	25.0
Butyl Methacrylate	Ave	1.814	1.754	0.1000	19.3	20.0	-3.3	25.0
4-Chlorotoluene	Ave	2.874	3.087	0.1000	21.5	20.0	7.4	25.0
tert-Butylbenzene	Ave	2.027	2.175	0.1000	21.5	20.0	7.3	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.380	0.1000	21.3	20.0	6.4	25.0
sec-Butylbenzene	Ave	2.602	2.867	0.1000	22.0	20.0	10.2	25.0
4-Isopropyltoluene	Ave	2.063	2.204	0.1000	21.4	20.0	6.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87364/23 Calibration Date: 09/27/2011 06:08
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j03988.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichlorobenzene	Ave	1.391	1.488	0.1000	21.4	20.0	7.0	25.0
1,4-Dichlorobenzene	Ave	1.775	1.965	0.1000	22.1	20.0	10.7	25.0
Benzyl chloride	Ave	1.892	1.756	0.1000	18.6	20.0	-7.2	25.0
n-Butylbenzene	Ave	1.956	2.039	0.1000	20.8	20.0	4.2	25.0
1,2-Dichlorobenzene	Ave	1.525	1.583	0.1000	20.7	20.0	3.7	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3225	0.1000	17.0	20.0	-14.9	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.6604	0.1000	17.5	20.0	-12.4	25.0
Hexachlorobutadiene	Ave	0.5666	0.6818	0.1000	24.1	20.0	20.3	25.0
Naphthalene	QuaF	1.019	0.9649	0.1000	15.0	20.0	-25.0	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.5129	0.1000	18.6	20.0	-7.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3787	0.1000	49.0	50.0	-1.9	25.0
Toluene-d8 (Surr)	Ave	1.156	1.110	0.1000	48.0	50.0	-4.0	25.0
4-Bromofluorobenzene	Ave	1.067	1.049	0.1000	49.1	50.0	-1.7	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11dea.b/j03988.d
 Report Date: 27-Sep-2011 06:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11dea.b/j03988.d
 Lab Smp Id: CCV
 Inj Date : 27-SEP-2011 06:08
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11dea.b/8260DE_09.m
 Meth Date : 27-Sep-2011 06:20 audberto Quant Type: ISTD
 Cal Date : 27-SEP-2011 06:08 Cal File: j03988.d
 Als bottle: 21 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 * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.593	2.593	(0.330)	257228	20.0000	24
3 Chloromethane	50	2.744	2.744	(0.349)	170515	20.0000	22
4 Vinyl Chloride	62	2.917	2.917	(0.371)	172119	20.0000	22
6 Bromomethane	94	3.296	3.296	(0.420)	146171	20.0000	24
5 Chloroethane	64	3.413	3.413	(0.435)	85694	20.0000	23
7 Trichlorofluoromethane	101	3.741	3.741	(0.476)	286091	20.0000	24
11 Ethyl Ether	59	4.015	4.015	(0.511)	77095	20.0000	18
15 1,1-Dichloroethene	96	4.315	4.315	(0.549)	113274	20.0000	20
14 Freon TF	101	4.333	4.333	(0.552)	186747	20.0000	19
16 Acetone	58	4.370	4.370	(0.556)	7646	20.0000	21
17 Iodomethane	142	4.525	4.525	(0.576)	292144	20.0000	19
18 Carbon Disulfide	76	4.608	4.608	(0.587)	318969	20.0000	18
27 Methyl Acetate	74	4.716	4.716	(0.600)	25788	20.0000	21
22 Methylene Chloride	84	4.880	4.880	(0.621)	139440	20.0000	20
24 TBA	59	4.962	4.962	(0.632)	169547	400.000	360
25 trans-1,2-Dichloroethene	96	5.182	5.182	(0.660)	129139	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11dea.b/j03988.d
Report Date: 27-Sep-2011 06:20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.163	5.163	(0.657)	23415	20.0000	16
28 MTBE	73	5.172	5.172	(0.659)	287209	20.0000	18
29 Hexane	56	5.461	5.461	(0.695)	37786	20.0000	17
30 1,1-Dichloroethane	63	5.688	5.688	(0.724)	252472	20.0000	19
31 Vinyl Acetate	43	5.698	5.698	(0.725)	344701	20.0000	19
32 DIPE	45	5.707	5.707	(0.727)	521661	20.0000	17
35 t-Butyl-ethyl-ether	59	6.139	6.139	(0.782)	415362	20.0000	18
37 2,2-Dichloropropane	77	6.404	6.404	(0.815)	196794	20.0000	19
36 cis-1,2-Dichloroethene	96	6.394	6.394	(0.814)	136214	20.0000	20
38 2-Butanone	72	6.385	6.385	(0.813)	9111	20.0000	18
39 Ethyl Acetate	70	6.422	6.422	(0.818)	25067	40.0000	38
40 Bromochloromethane	128	6.714	6.714	(0.855)	91129	20.0000	20
41 Tetrahydrofuran	42	6.742	6.742	(0.858)	28661	20.0000	17
42 Chloroform	83	6.778	6.778	(0.863)	279970	20.0000	20
43 1,1,1-Trichloroethane	97	7.043	7.043	(0.897)	218968	20.0000	21
44 Cyclohexane	56	7.116	7.116	(0.906)	114041	20.0000	18
45 Carbon Tetrachloride	117	7.253	7.253	(0.923)	196883	20.0000	21
46 1,1-Dichloropropene	75	7.235	7.235	(0.921)	189496	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.446	7.446	(0.948)	296067	50.0000	49
48 Benzene	78	7.519	7.519	(0.664)	359418	20.0000	19
49 1,2-Dichloroethane	62	7.546	7.546	(0.961)	158946	20.0000	20
50 t-Amyl-methyl-ether	73	7.618	7.618	(0.970)	339889	20.0000	19
61 Isopropyl Acetate	43	7.528	7.528	(0.958)	663098	40.0000	44
* 52 Fluorobenzene	96	7.854	7.854	(1.000)	781789	50.0000	
54 Trichloroethene	95	8.308	8.308	(1.058)	150551	20.0000	21
56 Methyl cyclohexane	83	8.537	8.537	(1.087)	78500	20.0000	20
55 Ethyl Acrylate	55	8.381	8.381	(1.067)	149894	20.0000	17
57 1,2-Dichloropropane	63	8.591	8.591	(1.094)	159825	20.0000	20
58 Dibromomethane	93	8.736	8.736	(1.112)	139521	20.0000	21
59 Methyl Methacrylate	100	8.663	8.663	(1.103)	32205	20.0000	20
68 Bromodichloromethane	83	8.900	8.900	(1.133)	270545	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.210	9.210	(1.173)	78089	20.0000	20
63 Epichlorohydrin	57	9.320	9.320	(0.824)	218921	400.000	350
67 cis-1,3-Dichloropropene	75	9.412	9.412	(0.832)	223046	20.0000	18
70 4-Methyl-2-Pentanone	43	9.568	9.568	(0.846)	118506	20.0000	17
\$ 65 Toluene-d8 (SUR)	98	9.714	9.714	(0.858)	656444	50.0000	48
66 Toluene	91	9.797	9.797	(0.866)	345711	20.0000	19
64 trans-1,3-Dichloropropene	75	10.034	10.034	(0.887)	184335	20.0000	18
69 1,1,2-Trichloroethane	83	10.245	10.245	(0.905)	115662	20.0000	19
71 Tetrachloroethene	166	10.409	10.409	(0.920)	120233	20.0000	20
72 1,3-Dichloropropane	76	10.436	10.436	(0.922)	208594	20.0000	19
73 2-Hexanone	43	10.481	10.481	(0.926)	67377	20.0000	16
74 Dibromochloromethane	129	10.700	10.700	(0.946)	207470	20.0000	19
76 Butyl Acetate	73	10.600	10.600	(0.937)	73498	40.0000	38
77 1,2-Dibromoethane	107	10.841	10.841	(0.958)	182542	20.0000	20
* 78 Chlorobenzene-d5	117	11.316	11.316	(1.000)	591374	50.0000	
79 Chlorobenzene	112	11.342	11.342	(1.002)	256127	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11dea.b/j03988.d
 Report Date: 27-Sep-2011 06:20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.424	11.424	(1.010)	137604	20.0000	20
81 Ethylbenzene	106	11.433	11.433	(1.010)	102620	20.0000	21
82 m+p-Xylene	106	11.540	11.540	(1.020)	268398	40.0000	43
84 o-Xylene	106	11.966	11.966	(1.057)	126446	20.0000	21
85 Styrene	104	11.975	11.975	(1.058)	230727	20.0000	20
83 Butyl Acrylate	73	11.856	11.856	(1.048)	98551	20.0000	18
86 Bromoform	173	12.213	12.213	(1.079)	130789	20.0000	19
88 Isopropylbenzene	105	12.320	12.320	(1.089)	290752	20.0000	20
\$ 89 Bromofluorobenzene (SUR)	174	12.502	12.502	(0.910)	260143	50.0000	49
90 Camphene (total)	93	12.619	12.619	(1.115)	80156	20.0000	20
91 Bromobenzene	156	12.684	12.684	(0.923)	120857	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.638	12.638	(0.920)	185816	20.0000	19
93 1,2,3-Trichloropropane	110	12.702	12.702	(0.925)	44398	20.0000	20
94 trans-1,4-Dichloro-2-butene	53	12.684	12.684	(0.923)	32706	20.0000	18
95 n-Propylbenzene	91	12.739	12.739	(0.927)	314863	20.0000	21
96 2-Chlorotoluene	91	12.864	12.864	(0.936)	280866	20.0000	22
97 1,3,5-Trimethylbenzene	105	12.901	12.901	(0.939)	220594	20.0000	21
98 4-Chlorotoluene	91	12.973	12.973	(0.944)	306297	20.0000	21
99 Butyl Methacrylate	87	12.947	12.947	(0.942)	174023	20.0000	19
100 tert-Butylbenzene	119	13.266	13.266	(0.966)	215801	20.0000	21
101 1,2,4-Trimethylbenzene	105	13.309	13.309	(0.969)	236138	20.0000	21
103 sec-Butylbenzene	105	13.500	13.500	(0.983)	284470	20.0000	22
105 1,3-Dichlorobenzene	146	13.674	13.674	(0.995)	147659	20.0000	21
107 p-Isopropyltoluene	119	13.637	13.637	(0.993)	218678	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	13.739	13.739	(1.000)	248077	50.0000	
109 1,4-Dichlorobenzene	146	13.766	13.766	(1.002)	194971	20.0000	22
110 Benzyl Chloride	91	13.913	13.913	(1.013)	174248	20.0000	18
106 n-Butylbenzene	91	14.105	14.105	(1.027)	202352	20.0000	21
111 1,2-Dichlorobenzene	146	14.206	14.206	(1.034)	157040	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.173	15.173	(1.104)	32002	20.0000	17
114 1,2,4-Trichlorobenzene	180	16.364	16.364	(1.191)	65530	20.0000	18
115 Hexachlorobutadiene	225	16.566	16.566	(1.206)	67657	20.0000	24
116 Naphthalene	128	16.814	16.814	(1.224)	95743	20.0000	15
117 1,2,3-Trichlorobenzene	180	17.218	17.218	(1.253)	50891	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				265353	40.0000	40
M 121 Xylene (Total)	100				394844	60.0000	64

Data File: j03988.d

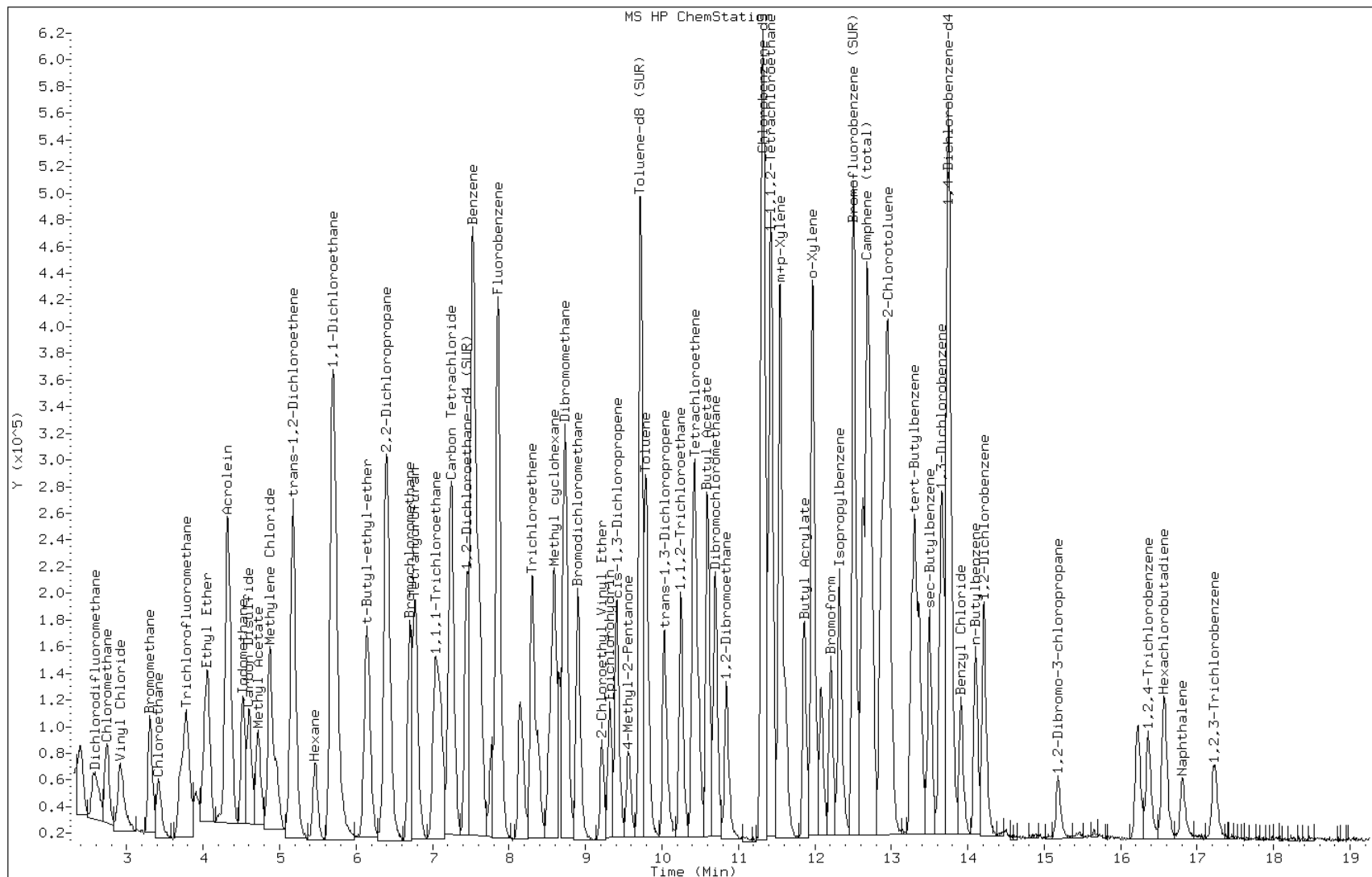
Date: 27-SEP-2011 06:08

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
 Lab Smp Id: BFB
 Inj Date : 22-SEP-2011 01:35
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb 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

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS		TARGET RANGE	RATIO
				ON-COL	FINAL		
			(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
1 BFB					CAS #: 460-00-4		
6.952	7.025 (0.000)	95	160896			0.00- 100.00	100.00
6.952	7.025 (0.000)	50	37056			15.00- 40.00	23.03
6.952	7.025 (0.000)	75	77736			30.00- 60.00	48.31
6.952	7.025 (0.000)	96	11276			5.00- 9.00	7.01
6.952	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.952	7.025 (0.000)	174	93776			50.00- 100.00	58.28
6.952	7.025 (0.000)	175	6871			5.00- 9.00	7.33
6.952	7.025 (0.000)	176	91856			95.00- 101.00	97.95
6.952	7.025 (0.000)	177	5966			5.00- 9.00	6.49

Data File: j03832.d

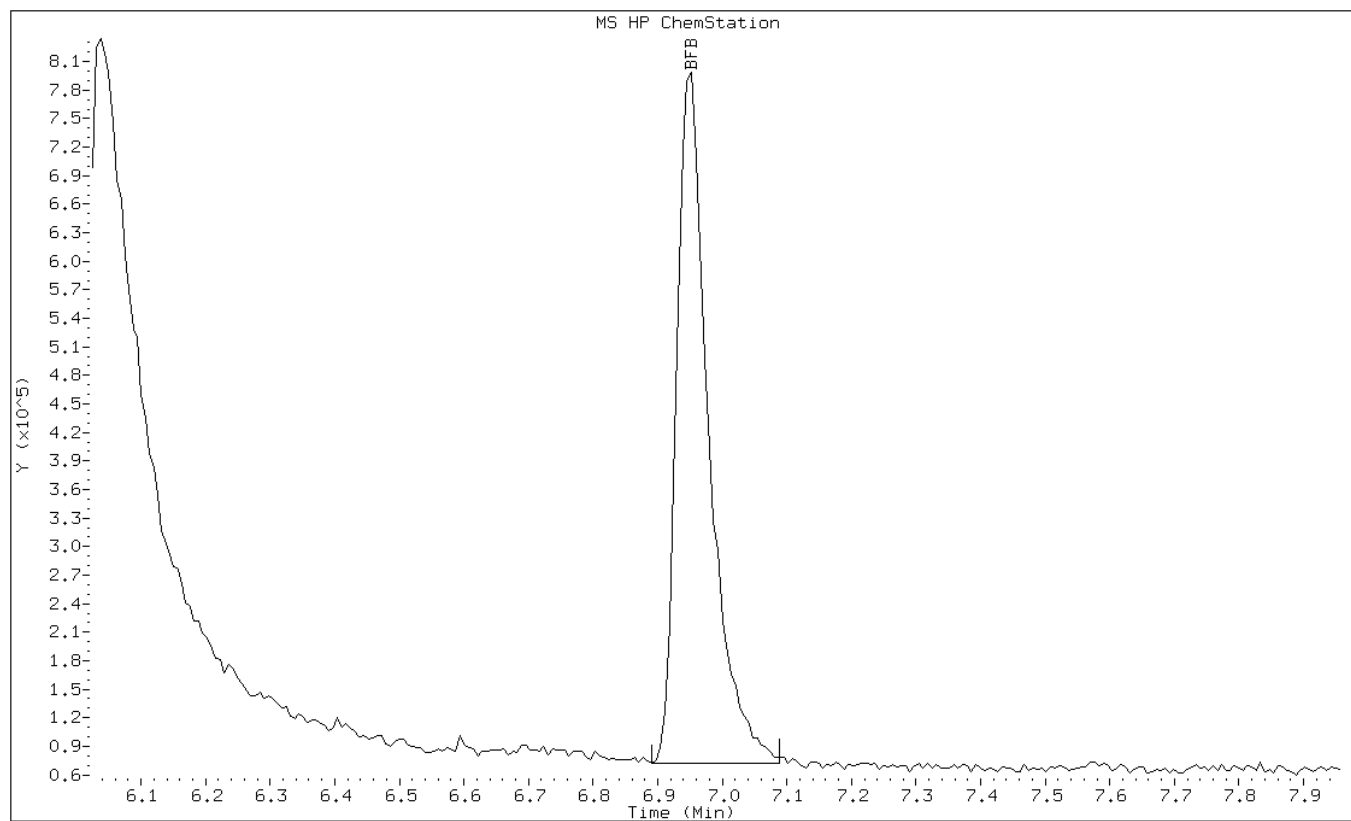
Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j03832.d

Date: 22-SEP-2011 01:35

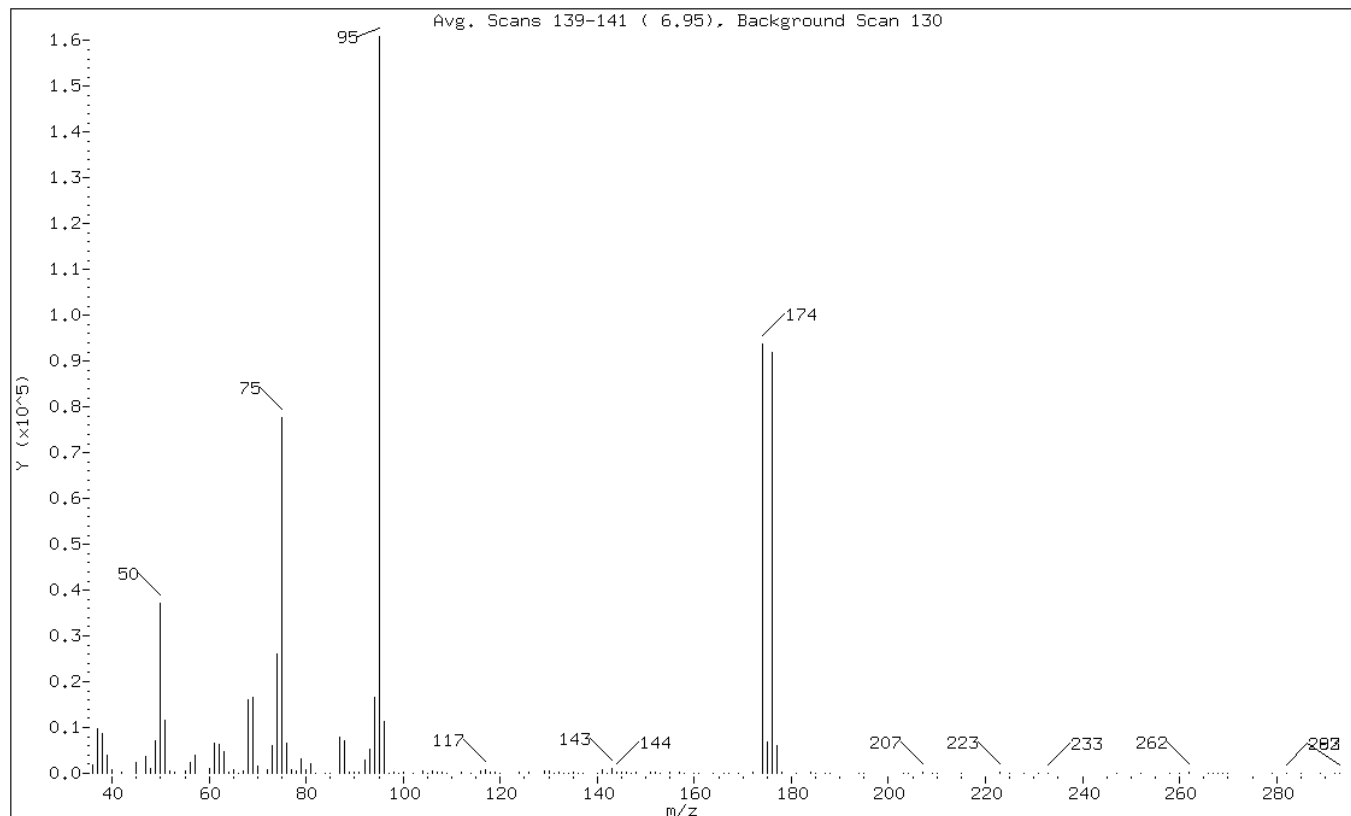
Client ID:

Instrument: VOAMS8.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	23.03
75	30.00 - 60.00% of mass 95	48.31
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	58.28
175	5.00 - 9.00% of mass 174	4.27 (7.33)
176	95.00 - 101.00% of mass 174	57.09 (97.95)
177	5.00 - 9.00% of mass 176	3.71 (6.49)

Data File: j03832.d

Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
Spectrum: Avg. Scans 139-141 (6.95), Background Scan 130
Location of Maximum: 95.00
Number of points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1846	80.00	744	130.00	584	184.00	333
37.00	9784	81.00	2186	131.00	115	185.00	117
38.00	8737	82.00	20	132.00	135	187.00	1
39.00	4022	84.00	51	133.00	19	188.00	80
40.00	704	85.00	50	134.00	83	194.00	92
42.00	323	87.00	7838	135.00	339	195.00	39
45.00	2239	88.00	7089	136.00	38	203.00	92
47.00	3680	89.00	160	137.00	97	204.00	36
48.00	982	90.00	164	140.00	3	207.00	278
49.00	7107	91.00	299	141.00	723	209.00	85
50.00	37056	92.00	3028	142.00	77	210.00	33
51.00	11698	93.00	5385	143.00	1041	215.00	62
52.00	432	94.00	16472	144.00	297	223.00	143
53.00	134	95.00	160896	145.00	220	225.00	48
55.00	508	96.00	11276	146.00	244	228.00	35
56.00	2476	97.00	66	147.00	73	231.00	46
57.00	3822	98.00	246	148.00	271	233.00	99
60.00	977	99.00	84	151.00	220	247.00	35
61.00	6647	100.00	135	152.00	201	252.00	104
62.00	6306	102.00	60	153.00	25	258.00	120
63.00	4712	104.00	398	155.00	192	260.00	50
64.00	247	105.00	37	157.00	272	262.00	139
65.00	676	106.00	500	158.00	34	266.00	38
66.00	41	107.00	312	160.00	92	267.00	44
67.00	483	108.00	143	161.00	81	268.00	75
68.00	15953	109.00	60	164.00	34	269.00	35
69.00	16712	112.00	285	166.00	58	270.00	34
70.00	1684	114.00	84	167.00	87	279.00	33
72.00	711	116.00	479	169.00	61	282.00	92
73.00	6152	117.00	664	172.00	145	285.00	44
74.00	26032	118.00	368	174.00	93776	289.00	65
75.00	77736	119.00	260	175.00	6871	292.00	44
76.00	6562	120.00	37	176.00	91856	293.00	57
77.00	833	124.00	169	177.00	5966		
78.00	633	126.00	204	178.00	165		
79.00	3097	129.00	480	181.00	58		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03962.d
 Lab Smp Id: BFB
 Inj Date : 26-SEP-2011 18:31
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb 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

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
6.972	7.025 (0.000)	95	130810			0.00- 100.00	100.00
6.972	7.025 (0.000)	50	31857			15.00- 40.00	24.35
6.972	7.025 (0.000)	75	66970			30.00- 60.00	51.20
6.972	7.025 (0.000)	96	8295			5.00- 9.00	6.34
6.972	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.972	7.025 (0.000)	174	72672			50.00- 100.00	55.56
6.972	7.025 (0.000)	175	5002			5.00- 9.00	6.88
6.972	7.025 (0.000)	176	70176			95.00- 101.00	96.57
6.972	7.025 (0.000)	177	4798			5.00- 9.00	6.84

Data File: j03962.d

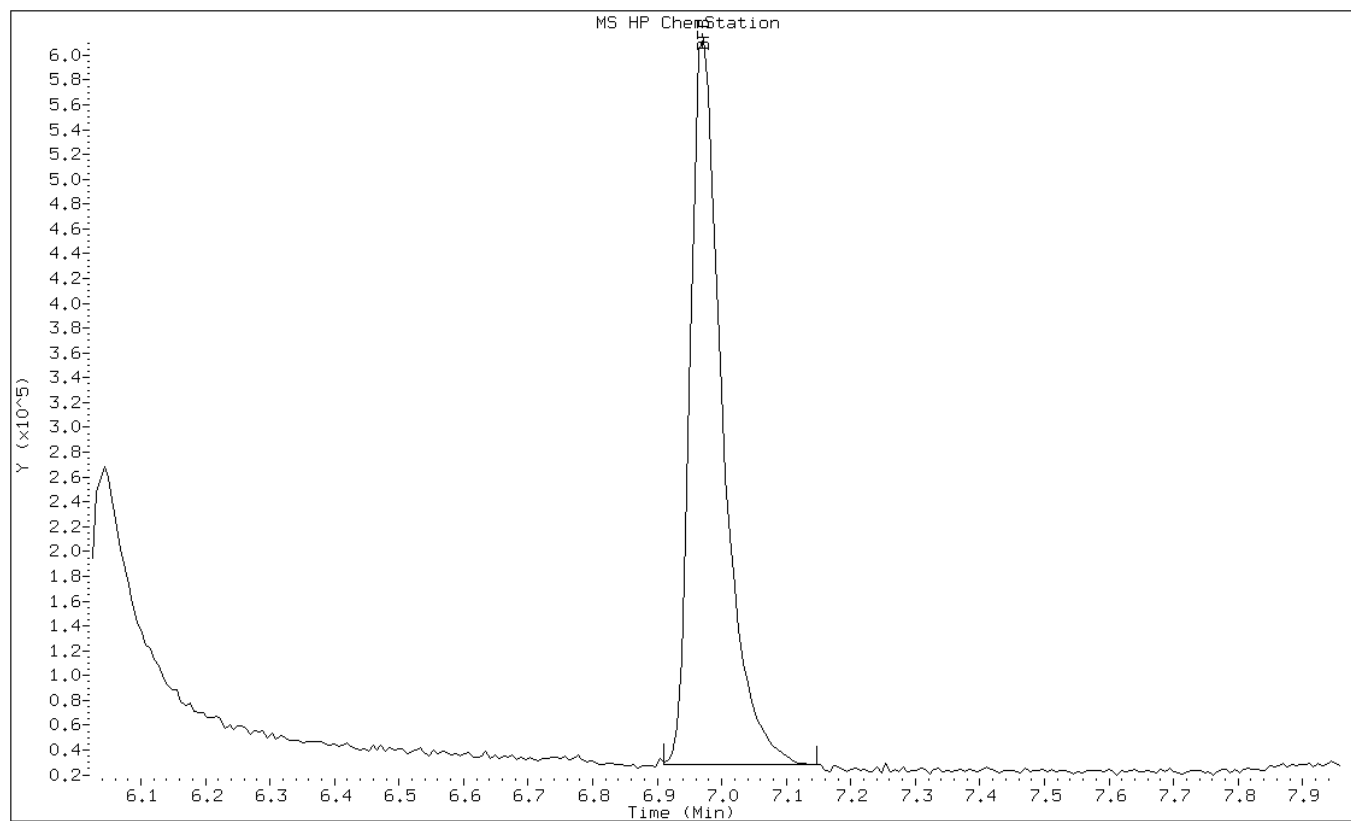
Date: 26-SEP-2011 18:31

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j03962.d

Date: 26-SEP-2011 18:31

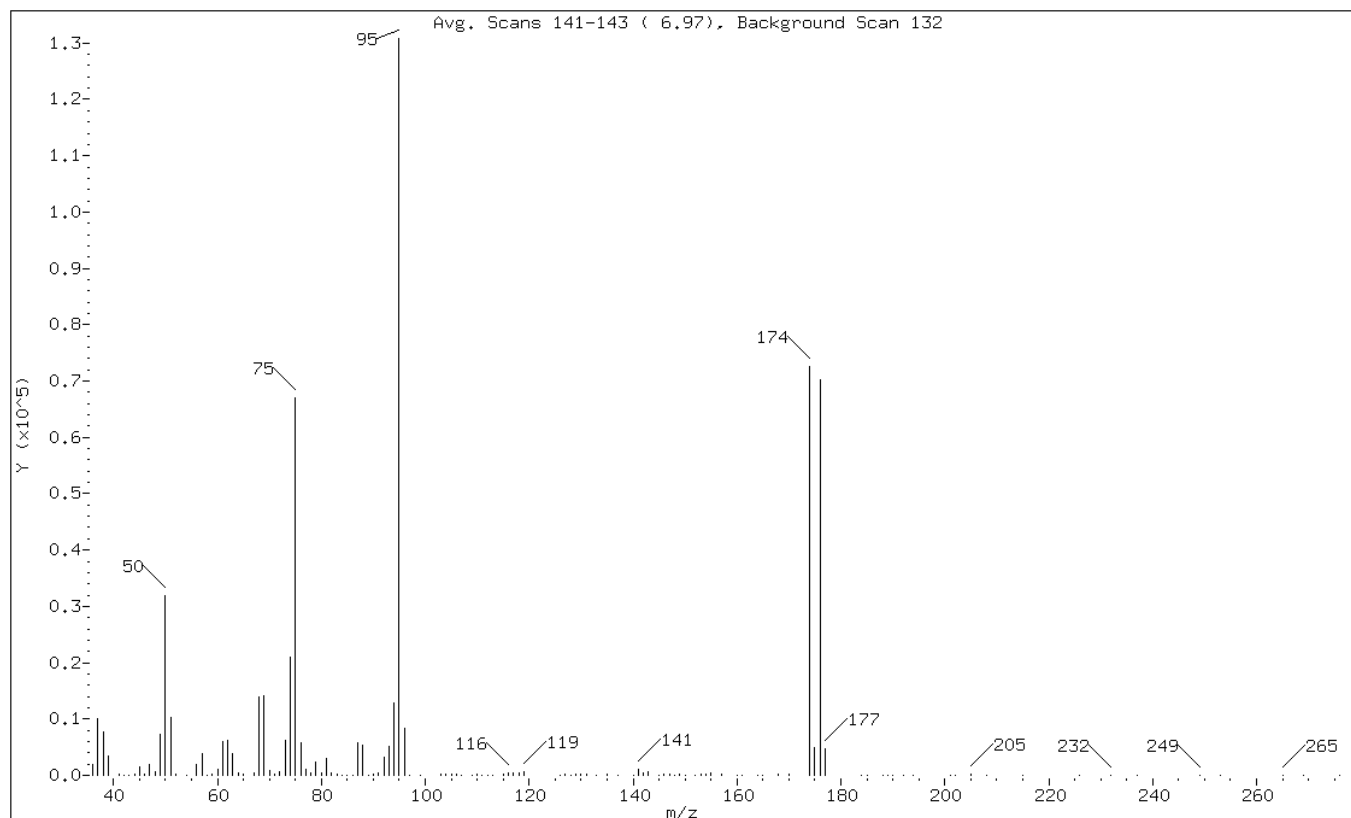
Client ID:

Instrument: VOAMS8.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	24.35
75	30.00 - 60.00% of mass 95	51.20
96	5.00 - 9.00% of mass 95	6.34
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	55.56
175	5.00 - 9.00% of mass 174	3.82 (6.88)
176	95.00 - 101.00% of mass 174	53.65 (96.57)
177	5.00 - 9.00% of mass 176	3.67 (6.84)

Data File: j03962.d

Date: 26-SEP-2011 18:31

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03962.d
Spectrum: Avg. Scans 141-143 (6.97), Background Scan 132
Location of Maximum: 95.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1913	73.00	6138	111.00	57	161.00	40
37.00	10114	74.00	20928	112.00	81	164.00	35
38.00	7772	75.00	66968	113.00	39	165.00	93
39.00	3411	76.00	5689	115.00	196	168.00	182
41.00	113	77.00	1034	116.00	335	170.00	147
42.00	49	78.00	383	117.00	514	174.00	72672
43.00	85	79.00	2406	118.00	356	175.00	5002
44.00	240	80.00	524	119.00	546	176.00	70176
45.00	1537	81.00	2925	126.00	69	177.00	4798
46.00	195	82.00	333	127.00	246	184.00	88
47.00	1841	83.00	199	128.00	52	185.00	74
48.00	561	84.00	34	129.00	182	188.00	47
49.00	7303	85.00	46	130.00	213	189.00	34
50.00	31856	86.00	64	131.00	204	190.00	36
51.00	10317	87.00	5780	133.00	96	192.00	104
52.00	268	88.00	5281	135.00	163	194.00	47
54.00	100	89.00	92	137.00	72	201.00	48
56.00	1971	90.00	130	140.00	75	202.00	46
57.00	3864	91.00	481	141.00	999	205.00	171
58.00	53	92.00	3230	142.00	396	208.00	80
59.00	140	93.00	5102	143.00	601	215.00	37
60.00	1170	94.00	12917	145.00	39	226.00	44
61.00	5992	95.00	130808	146.00	192	232.00	55
62.00	6154	96.00	8295	147.00	159	237.00	34
63.00	3834	97.00	46	148.00	60	249.00	50
64.00	454	99.00	55	149.00	137	253.00	43
65.00	136	103.00	139	150.00	62	265.00	88
67.00	401	104.00	237	152.00	74	269.00	53
68.00	13874	105.00	300	153.00	211	276.00	35
69.00	14139	106.00	319	154.00	146		
70.00	770	107.00	81	155.00	348		
71.00	143	109.00	44	157.00	196		
72.00	721	110.00	138	160.00	41		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87364/4
 Matrix: Solid Lab File ID: j03967.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/26/2011 21:00
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	100	U	100	25
71-43-2	Benzene	100	U	100	12
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
75-15-0	Carbon disulfide	100	U	100	15
75-25-2	Bromoform	100	U	100	9.9
127-18-4	Tetrachloroethene	100	U	100	20
75-34-3	1,1-Dichloroethane	100	U	100	10
107-06-2	1,2-Dichloroethane	100	U	100	25
78-87-5	1,2-Dichloropropane	100	U	100	8.7
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
67-64-1	Acetone	1000	U	1000	250
79-20-9	Methyl acetate	200	U	200	33
75-71-8	Dichlorodifluoromethane	100	U	100	28
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
75-09-2	Methylene Chloride	100	U	100	19
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
124-48-1	Chlorodibromomethane	100	U	100	10
108-88-3	Toluene	100	U	100	9.5
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
108-90-7	Chlorobenzene	100	U	100	17
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
541-73-1	1,3-Dichlorobenzene	100	U	100	23
1634-04-4	Methyl tert-butyl ether	100	U	100	19
100-42-5	Styrene	100	U	100	14
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
75-00-3	Chloroethane	100	U	100	45
75-35-4	1,1-Dichloroethene	100	U	100	14
95-50-1	1,2-Dichlorobenzene	100	U	100	16
79-01-6	Trichloroethene	100	U	100	18
591-78-6	2-Hexanone	1000	U	1000	55
78-93-3	2-Butanone (MEK)	1000	U	1000	82
100-41-4	Ethylbenzene	100	U	100	25
98-82-8	Isopropylbenzene	100	U	100	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87364/4
 Matrix: Solid Lab File ID: j03967.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/26/2011 21:00
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	100	U	100	8.0
75-69-4	Trichlorofluoromethane	100	U	100	16
1330-20-7	Xylenes, Total	300	U	300	43
110-82-7	Cyclohexane	100	U	100	12
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
75-01-4	Vinyl chloride	100	U	100	12
106-93-4	1,2-Dibromoethane	100	U	100	9.1
56-23-5	Carbon tetrachloride	100	U	100	18
106-46-7	1,4-Dichlorobenzene	100	U	100	15
75-27-4	Dichlorobromomethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	105		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		57-135
2037-26-5	Toluene-d8 (Surr)	91		46-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87364/4
Matrix: Solid Lab File ID: j03967.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/26/2011 21:00
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 87364 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/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03967.d
 Report Date: 26-Sep-2011 21:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03967.d
 Lab Smp Id: MB
 Inj Date : 26-SEP-2011 21:00
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 6 QC Sample: BLANK
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.447	7.457	(0.948)	295383	45.8650	4600	
* 52 Fluorobenzene	96	7.858	7.866	(1.000)	854126	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.721	9.723	(0.859)	656129	45.5784	4600	
* 78 Chlorobenzene-d5	117	11.317	11.317	(1.000)	643230	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.511	(0.910)	261120	52.5590	5200	
* 108 1,4-Dichlorobenzene-d4	152	13.741	13.745	(1.000)	246541	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03967.d
Report Date: 26-Sep-2011 21:21

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03967.d
Lab Smp Id: MB
Inj Date : 26-SEP-2011 21:00
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j03967.d

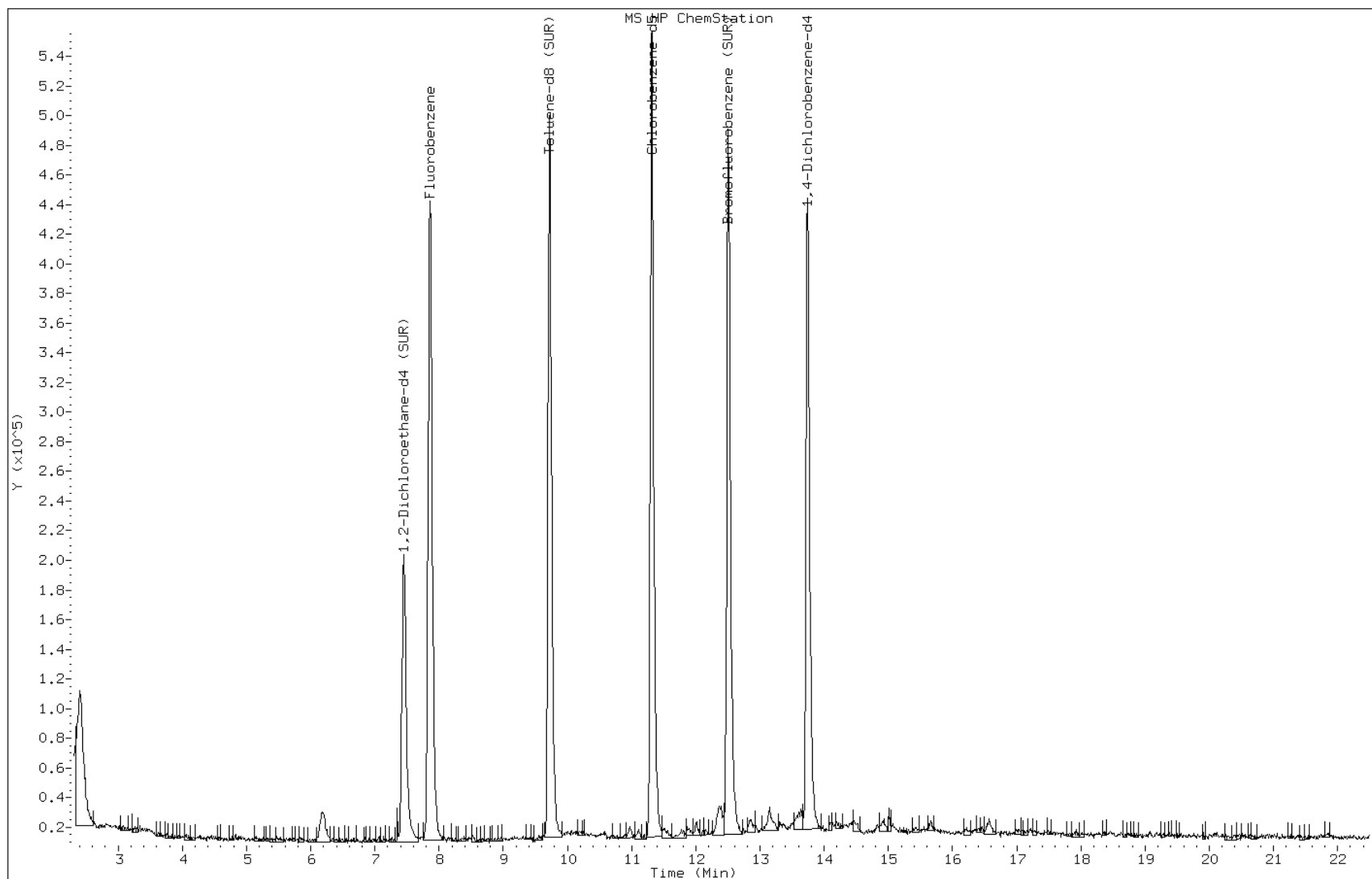
Date: 26-SEP-2011 21:00

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87364/3

Matrix: Solid Lab File ID: j03965.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 09/26/2011 20:10

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: _____ Level: (low/med) Medium

Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1980		100	25
71-43-2	Benzene	2010		100	12
10061-01-5	cis-1,3-Dichloropropene	1980		100	10
75-15-0	Carbon disulfide	1860		100	15
75-25-2	Bromoform	1960		100	9.9
127-18-4	Tetrachloroethene	1880		100	20
75-34-3	1,1-Dichloroethane	2130		100	10
107-06-2	1,2-Dichloroethane	2110		100	25
78-87-5	1,2-Dichloropropane	1950		100	8.7
79-00-5	1,1,2-Trichloroethane	1910		100	9.7
67-64-1	Acetone	2750		1000	250
79-20-9	Methyl acetate	1490		200	33
75-71-8	Dichlorodifluoromethane	1620		100	28
108-10-1	4-Methyl-2-pentanone (MIBK)	1950		1000	68
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2210		100	29
75-09-2	Methylene Chloride	2050		100	19
74-87-3	Chloromethane	1730		100	21
74-83-9	Bromomethane	1650		100	31
124-48-1	Chlorodibromomethane	1970		100	10
108-88-3	Toluene	1940		100	9.5
120-82-1	1,2,4-Trichlorobenzene	2210		100	44
108-90-7	Chlorobenzene	1850		100	17
96-12-8	1,2-Dibromo-3-Chloropropane	2150		100	15
541-73-1	1,3-Dichlorobenzene	2030		100	23
1634-04-4	Methyl tert-butyl ether	2070		100	19
100-42-5	Styrene	1910		100	14
156-60-5	trans-1,2-Dichloroethene	2040		100	14
79-34-5	1,1,2,2-Tetrachloroethane	2070		100	8.6
75-00-3	Chloroethane	1830		100	45
75-35-4	1,1-Dichloroethene	2010		100	14
95-50-1	1,2-Dichlorobenzene	2040		100	16
79-01-6	Trichloroethene	2020		100	18
591-78-6	2-Hexanone	1830		1000	55
78-93-3	2-Butanone (MEK)	1950		1000	82
100-41-4	Ethylbenzene	1930		100	25
98-82-8	Isopropylbenzene	1940		100	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87364/3
 Matrix: Solid Lab File ID: j03965.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/26/2011 20:10
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	2040		100	8.0
75-69-4	Trichlorofluoromethane	2100		100	16
1330-20-7	Xylenes, Total	5860		300	43
110-82-7	Cyclohexane	2170		100	12
10061-02-6	trans-1,3-Dichloropropene	1940		100	12
156-59-2	cis-1,2-Dichloroethene	2000		100	19
67-66-3	Chloroform	2050		100	16
75-01-4	Vinyl chloride	1890		100	12
106-93-4	1,2-Dibromoethane	1930		100	9.1
56-23-5	Carbon tetrachloride	2020		100	18
106-46-7	1,4-Dichlorobenzene	2200		100	15
75-27-4	Dichlorobromomethane	1990		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		57-135
2037-26-5	Toluene-d8 (Surr)	99		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03965.d
 Report Date: 26-Sep-2011 20:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03965.d
 Lab Smp Id: LCS
 Inj Date : 26-SEP-2011 20:10
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 4 QC Sample: BS
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.571	2.582	(0.328)	242562	16.2285	1600	
3 Chloromethane	50	2.725	2.746	(0.347)	163689	17.3248	1700	
4 Vinyl Chloride	62	2.900	2.920	(0.370)	171972	18.9476	1900	
6 Bromomethane	94	3.282	3.305	(0.418)	136626	16.5482	1600	
5 Chloroethane	64	3.391	3.416	(0.432)	93422	18.3211	1800	
7 Trichlorofluoromethane	101	3.699	3.734	(0.472)	347790	21.0499	2100	
11 Ethyl Ether	59	4.009	4.016	(0.511)	119551	21.9427	2200	
13 Acrolein	56	4.174	4.199	(0.532)	39604	43.3201	4300	
15 1,1-Dichloroethene	96	4.293	4.327	(0.547)	135247	20.0597	2000	
14 Freon TF	101	4.302	4.327	(0.548)	270368	22.1037	2200	
16 Acetone	58	4.355	4.373	(0.555)	11617	27.4796	2700	
17 Iodomethane	142	4.501	4.528	(0.574)	360557	19.7566	2000	
18 Carbon Disulfide	76	4.584	4.611	(0.584)	406141	18.6391	1900	
27 Methyl Acetate	74	4.721	4.729	(0.602)	22818	14.8852	1500	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03965.d
Report Date: 26-Sep-2011 20:24

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.856	4.875	(0.619)	171603	20.4683	2000
24 TBA	59	4.938	4.957	(0.629)	252493	404.132	40000
25 trans-1,2-Dichloroethene	96	5.167	5.183	(0.659)	162863	20.4269	2000
26 Acrylonitrile	53	5.148	5.174	(0.656)	37368	22.5114	2200
28 MTBE	73	5.148	5.174	(0.656)	397830	20.6911	2100
29 Hexane	56	5.448	5.465	(0.695)	58903	23.6413	2400
30 1,1-Dichloroethane	63	5.667	5.684	(0.722)	346306	21.3113	2100
31 Vinyl Acetate	43	5.684	5.712	(0.725)	695922	27.8076	2800(R)
32 DIPE	45	5.684	5.712	(0.725)	765789	20.6212	2100
35 t-Butyl-ethyl-ether	59	6.124	6.148	(0.781)	585233	20.5761	2000
37 2,2-Dichloropropane	77	6.389	6.413	(0.814)	264588	21.3402	2100
36 cis-1,2-Dichloroethene	96	6.380	6.394	(0.813)	170912	19.9820	2000
38 2-Butanone	72	6.380	6.403	(0.813)	13152	19.5492	2000
39 Ethyl Acetate	70	6.426	6.422	(0.819)	31954	38.8498	3900
40 Bromochloromethane	128	6.689	6.705	(0.853)	106750	20.4716	2000
41 Tetrahydrofuran	42	6.735	6.750	(0.859)	36637	16.8677	1700
42 Chloroform	83	6.763	6.778	(0.862)	353785	20.5207	2000
43 1,1,1-Trichloroethane	97	7.010	7.048	(0.894)	253190	19.8145	2000
44 Cyclohexane	56	7.092	7.112	(0.904)	165710	21.7498	2200
45 Carbon Tetrachloride	117	7.239	7.264	(0.923)	231429	20.2192	2000
46 1,1-Dichloropropene	75	7.221	7.246	(0.920)	227906	19.8732	2000
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.432	7.457	(0.947)	395189	51.9135	5200
48 Benzene	78	7.505	7.529	(0.664)	430201	20.1303	2000
49 1,2-Dichloroethane	62	7.533	7.548	(0.960)	203952	21.1284	2100
50 t-Amyl-methyl-ether	73	7.597	7.612	(0.968)	434378	20.5365	2000
61 Isopropyl Acetate	43	7.514	7.529	(0.958)	887759	40.5409	4000
* 52 Fluorobenzene	96	7.844	7.866	(1.000)	1009585	50.0000	
54 Trichloroethene	95	8.291	8.309	(1.057)	179022	20.1758	2000
56 Methyl cyclohexane	83	8.528	8.547	(1.087)	106638	20.4381	2000
55 Ethyl Acrylate	55	8.373	8.382	(1.067)	197887	19.8853	2000
57 1,2-Dichloropropane	63	8.583	8.601	(1.094)	186307	19.5338	2000
58 Dibromomethane	93	8.730	8.748	(1.113)	163783	19.8735	2000
59 Methyl Methacrylate	100	8.665	8.675	(1.105)	37208	19.6285	2000
68 Bromodichloromethane	83	8.892	8.904	(1.134)	325645	19.9180	2000
62 2-Chloroethyl Vinyl Ether	63	9.211	9.221	(1.174)	90603	17.2044	1700
63 Epichlorohydrin	57	9.312	9.322	(0.824)	260862	357.125	36000
67 cis-1,3-Dichloropropene	75	9.394	9.414	(0.831)	265011	19.7976	2000
70 4-Methyl-2-Pentanone	43	9.559	9.568	(0.846)	152808	19.4911	1900
\$ 65 Toluene-d8 (SUR)	98	9.710	9.723	(0.859)	771172	49.6127	5000
66 Toluene	91	9.792	9.806	(0.866)	385629	19.3803	1900
64 trans-1,3-Dichloropropene	75	10.021	10.040	(0.886)	214872	19.3789	1900
69 1,1,2-Trichloroethane	83	10.242	10.250	(0.906)	128072	19.0867	1900
71 Tetrachloroethene	166	10.401	10.422	(0.920)	131954	18.7996	1900
72 1,3-Dichloropropane	76	10.438	10.441	(0.923)	230945	18.8472	1900
73 2-Hexanone	43	10.484	10.496	(0.927)	80146	18.2719	1800
74 Dibromochloromethane	129	10.692	10.707	(0.946)	228163	19.6536	2000
76 Butyl Acetate	73	10.591	10.606	(0.937)	87683	39.8933	4000

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03965.d
 Report Date: 26-Sep-2011 20:24

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.829	10.844	(0.958)	198186	19.3069	1900
* 78 Chlorobenzene-d5	117	11.306	11.317	(1.000)	694534	50.0000	
79 Chlorobenzene	112	11.334	11.354	(1.002)	267326	18.4774	1800
80 1,1,1,2-Tetrachloroethane	131	11.417	11.432	(1.010)	147058	18.3029	1800
81 Ethylbenzene	106	11.426	11.441	(1.011)	102201	19.2557	1900
82 m+p-Xylene	106	11.545	11.551	(1.021)	286103	38.9112	3900
84 o-Xylene	106	11.960	11.973	(1.058)	137553	19.6403	2000
85 Styrene	104	11.978	11.982	(1.059)	248059	19.0795	1900
83 Butyl Acrylate	73	11.861	11.863	(1.049)	122602	19.8053	2000
86 Bromoform	173	12.208	12.218	(1.080)	140957	19.6188	2000
88 Isopropylbenzene	105	12.318	12.328	(1.089)	320668	19.3823	1900
\$ 89 Bromofluorobenzene (SUR)	174	12.502	12.511	(0.910)	282267	51.5421	5200
90 Camphene (total)	93	12.612	12.622	(1.115)	119073	26.4776	2600
91 Bromobenzene	156	12.685	12.695	(0.923)	126102	20.6725	2100
92 1,1,2,2-Tetrachloroethane	83	12.630	12.640	(0.919)	205658	20.6970	2100
93 1,2,3-Trichloropropane	110	12.695	12.705	(0.924)	49180	20.4039	2000
94 trans-1,4-Dichloro-2-butene	53	12.676	12.686	(0.923)	47085	26.4599	2600(R)
95 n-Propylbenzene	91	12.731	12.741	(0.927)	352218	20.5770	2000
96 2-Chlorotoluene	91	12.860	12.868	(0.936)	290407	29.4874	2900(R)
97 1,3,5-Trimethylbenzene	105	12.897	12.905	(0.939)	241786	20.3290	2000
98 4-Chlorotoluene	91	12.970	12.978	(0.944)	330232	22.2179	2200
99 Butyl Methacrylate	87	12.943	12.951	(0.942)	198224	20.5334	2000
100 tert-Butylbenzene	119	13.266	13.271	(0.966)	225208	20.7539	2100
101 1,2,4-Trimethylbenzene	105	13.312	13.317	(0.969)	247970	20.5219	2000
103 sec-Butylbenzene	105	13.495	13.508	(0.982)	307532	20.8538	2100
105 1,3-Dichlorobenzene	146	13.668	13.682	(0.995)	157573	20.2511	2000
107 p-Isopropyltoluene	119	13.632	13.646	(0.992)	236609	21.1709	2100
* 108 1,4-Dichlorobenzene-d4	152	13.739	13.745	(1.000)	271766	50.0000	
109 1,4-Dichlorobenzene	146	13.767	13.773	(1.002)	200286	22.0090	2200
110 Benzyl Chloride	91	13.905	13.918	(1.012)	196919	19.1841	1900
106 n-Butylbenzene	91	14.097	14.102	(1.026)	226492	20.7892	2100
111 1,2-Dichlorobenzene	146	14.213	14.212	(1.034)	172176	20.3779	2000
112 1,2-Dibromo-3-chloropropane	75	15.180	15.186	(1.105)	36750	21.4534	2100
114 1,2,4-Trichlorobenzene	180	16.359	16.366	(1.191)	85410	22.0607	2200
115 Hexachlorobutadiene	225	16.567	16.587	(1.206)	73454	21.1271	2100
116 Naphthalene	128	16.812	16.815	(1.224)	133228	20.9946	2100
117 1,2,3-Trichlorobenzene	180	17.236	17.226	(1.254)	69127	21.2365	2100
M 120 1,2-Dichloroethene (Total)	100				333775	40.3933	4000
M 121 Xylene (Total)	100				423656	58.5515	5800

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: j03965.d

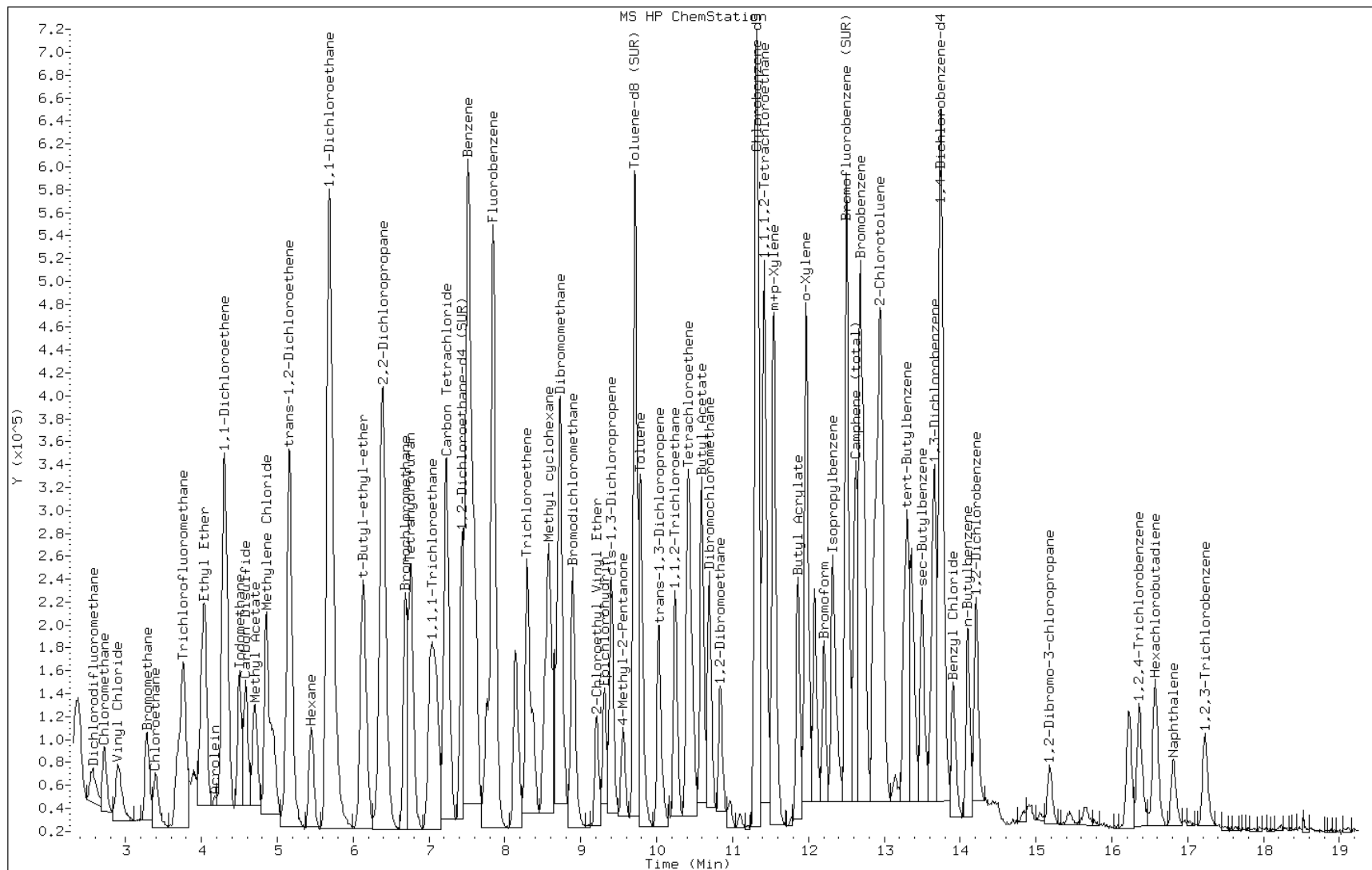
Date: 26-SEP-2011 20:10

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-31328-C-7-A MS

Matrix: Solid Lab File ID: j03979.d

Analysis Method: 8260B Date Collected: 09/15/2011 13:15

Sample wt/vol: 15.05(g) Date Analyzed: 09/27/2011 02:22

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1800		96	24
71-43-2	Benzene	1740		96	11
10061-01-5	cis-1,3-Dichloropropene	1770		96	9.8
75-15-0	Carbon disulfide	1450		96	14
75-25-2	Bromoform	1840		96	9.5
127-18-4	Tetrachloroethene	1810		96	19
75-34-3	1,1-Dichloroethane	1720		96	9.6
107-06-2	1,2-Dichloroethane	2020		96	24
78-87-5	1,2-Dichloropropane	1910		96	8.4
79-00-5	1,1,2-Trichloroethane	1710		96	9.3
67-64-1	Acetone	1900		960	240
79-20-9	Methyl acetate	1400		190	31
75-71-8	Dichlorodifluoromethane	1500		96	27
108-10-1	4-Methyl-2-pentanone (MIBK)	1620		960	65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1790		96	28
75-09-2	Methylene Chloride	1760		96	18
74-87-3	Chloromethane	1710		96	20
74-83-9	Bromomethane	1170		96	30
124-48-1	Chlorodibromomethane	1800		96	9.6
108-88-3	Toluene	1820		96	9.1
120-82-1	1,2,4-Trichlorobenzene	2060		96	42
108-90-7	Chlorobenzene	1780		96	16
96-12-8	1,2-Dibromo-3-Chloropropane	1840		96	15
541-73-1	1,3-Dichlorobenzene	1810		96	22
1634-04-4	Methyl tert-butyl ether	1710		96	18
100-42-5	Styrene	1870		96	13
156-60-5	trans-1,2-Dichloroethene	1710		96	13
79-34-5	1,1,2,2-Tetrachloroethane	1720		96	8.3
75-00-3	Chloroethane	907		96	43
75-35-4	1,1-Dichloroethene	1710		96	13
95-50-1	1,2-Dichlorobenzene	1840		96	16
79-01-6	Trichloroethene	1870		96	17
591-78-6	2-Hexanone	1730		960	52
78-93-3	2-Butanone (MEK)	1640		960	79
100-41-4	Ethylbenzene	1860		96	24
98-82-8	Isopropylbenzene	1920		96	20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31328-C-7-A MS
 Matrix: Solid Lab File ID: j03979.d
 Analysis Method: 8260B Date Collected: 09/15/2011 13:15
 Sample wt/vol: 15.05(g) Date Analyzed: 09/27/2011 02:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 13.3 Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	1890		96	7.7
75-69-4	Trichlorofluoromethane	1560		96	15
1330-20-7	Xylenes, Total	5470		290	42
110-82-7	Cyclohexane	1800		96	12
10061-02-6	trans-1,3-Dichloropropene	1770		96	12
156-59-2	cis-1,2-Dichloroethene	1800		96	19
67-66-3	Chloroform	1810		96	15
75-01-4	Vinyl chloride	1920		96	11
106-93-4	1,2-Dibromoethane	1830		96	8.7
56-23-5	Carbon tetrachloride	1920		96	17
106-46-7	1,4-Dichlorobenzene	2070		96	14
75-27-4	Dichlorobromomethane	1920		96	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	104		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		57-135
2037-26-5	Toluene-d8 (Surr)	98		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03979.d
 Report Date: 27-Sep-2011 10:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03979.d
 Lab Smp Id: 460-31328-C-7-AMS Client Smp ID: S0-17338-091511-MM-
 Inj Date : 27-SEP-2011 02:22
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31328-C-7-AMS;50;;15.05;25
 Misc Info : 460-31328-C-7-AMS
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
 Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
 Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
 Als bottle: 12 QC Sample: MS
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.28125	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/L) (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.572	2.582	(0.327)	174150	15.6421 1500
3 Chloromethane	50		2.727	2.746	(0.347)	125726	17.8645 1700
4 Vinyl Chloride	62		2.910	2.920	(0.370)	135516	20.0449 1900
6 Bromomethane	94		3.261	3.305	(0.415)	74967	12.1901 1200
5 Chloroethane	64		3.376	3.416	(0.430)	35961	9.46795 910(R)
7 Trichlorofluoromethane	101		3.674	3.734	(0.468)	200488	16.2906 1600
11 Ethyl Ether	59		4.020	4.016	(0.512)	73120	18.0175 1700
13 Acrolein	56		4.193	4.199	(0.534)	23671	34.7607 3300
15 1,1-Dichloroethene	96		4.303	4.327	(0.548)	89770	17.8751 1700
14 Freon TF	101		4.303	4.327	(0.548)	170629	18.7275 1800
16 Acetone	58		4.367	4.373	(0.556)	6247	19.8400 1900
17 Iodomethane	142		4.505	4.528	(0.573)	254018	18.6861 1800
18 Carbon Disulfide	76		4.586	4.611	(0.584)	246439	15.1836 1400
27 Methyl Acetate	74		4.732	4.729	(0.602)	16705	14.6301 1400

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.868	4.875	(0.620)	114588	18.3490	1800
24 TBA	59	5.005	4.957	(0.637)	166423	357.603	34000
25 trans-1,2-Dichloroethene	96	5.169	5.183	(0.658)	105805	17.8158	1700
26 Acrylonitrile	53	5.169	5.174	(0.658)	21357	17.2727	1600
28 MTBE	73	5.169	5.174	(0.658)	256212	17.8896	1700
29 Hexane	56	5.451	5.465	(0.694)	33958	18.2978	1800
30 1,1-Dichloroethane	63	5.669	5.684	(0.722)	217735	17.9885	1700
31 Vinyl Acetate	43	5.706	5.712	(0.726)	442963	23.7622	2300
32 DIPE	45	5.715	5.712	(0.727)	482839	17.4552	1700
35 t-Butyl-ethyl-ether	59	6.145	6.148	(0.782)	383111	18.0831	1700
37 2,2-Dichloropropane	77	6.401	6.413	(0.815)	169808	18.3867	1800
36 cis-1,2-Dichloroethene	96	6.392	6.394	(0.814)	119974	18.8308	1800
38 2-Butanone	72	6.410	6.403	(0.816)	8569	17.0995	1600
39 Ethyl Acetate	70	6.437	6.422	(0.819)	23753	38.7713	3700
40 Bromochloromethane	128	6.701	6.705	(0.853)	77862	20.0458	1900
41 Tetrahydrofuran	42	6.765	6.750	(0.861)	27443	16.9622	1600
42 Chloroform	83	6.774	6.778	(0.862)	242309	18.8686	1800
43 1,1,1-Trichloroethane	97	7.038	7.048	(0.896)	179220	18.8295	1800
44 Cyclohexane	56	7.102	7.112	(0.904)	106909	18.8381	1800
45 Carbon Tetrachloride	117	7.243	7.264	(0.922)	170791	20.0321	1900
46 1,1-Dichloropropene	75	7.243	7.246	(0.922)	165285	19.3491	1800
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.447	7.457	(0.948)	294119	51.8697	5000
48 Benzene	78	7.519	7.529	(0.665)	318078	18.1337	1700
49 1,2-Dichloroethane	62	7.545	7.548	(0.960)	151473	21.0664	2000
50 t-Amyl-methyl-ether	73	7.609	7.612	(0.969)	316783	20.1065	1900
61 Isopropyl Acetate	43	7.529	7.529	(0.958)	621562	38.1065	3600
* 52 Fluorobenzene	96	7.856	7.866	(1.000)	752016	50.0000	
54 Trichloroethene	95	8.300	8.309	(1.056)	128769	19.4827	1900
56 Methyl cyclohexane	83	8.534	8.547	(1.086)	76696	19.7342	1900
55 Ethyl Acrylate	55	8.383	8.382	(1.067)	142785	19.2625	1800
57 1,2-Dichloropropane	63	8.589	8.601	(1.093)	141855	19.9672	1900
58 Dibromomethane	93	8.742	8.748	(1.113)	122466	19.9498	1900
59 Methyl Methacrylate	100	8.677	8.675	(1.104)	29641	20.9922	2000
68 Bromodichloromethane	83	8.897	8.904	(1.132)	243805	20.0198	1900
62 2-Chloroethyl Vinyl Ether	63	9.208	9.221	(1.172)	73302	18.6864	1800
63 Epichlorohydrin	57	9.318	9.322	(0.824)	194628	324.631	31000
67 cis-1,3-Dichloropropene	75	9.409	9.414	(0.832)	203365	18.5096	1800
70 4-Methyl-2-Pentanone	43	9.574	9.568	(0.846)	108783	16.9054	1600
\$ 65 Toluene-d8 (SUR)	98	9.721	9.723	(0.859)	624569	48.9550	4700
66 Toluene	91	9.798	9.806	(0.866)	309670	18.9611	1800
64 trans-1,3-Dichloropropene	75	10.027	10.040	(0.886)	167712	18.4284	1800
69 1,1,2-Trichloroethane	83	10.244	10.250	(0.906)	98586	17.9006	1700
71 Tetrachloroethene	166	10.400	10.422	(0.919)	108852	18.8947	1800
72 1,3-Dichloropropane	76	10.437	10.441	(0.923)	178656	17.7635	1700
73 2-Hexanone	43	10.483	10.496	(0.927)	65027	18.0623	1700
74 Dibromochloromethane	129	10.690	10.707	(0.945)	179127	18.7990	1800
76 Butyl Acetate	73	10.600	10.606	(0.937)	68321	37.8714	3600

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.846	10.844	(0.959)	161142	19.1259	1800
* 78 Chlorobenzene-d5	117	11.311	11.317	(1.000)	570058	50.0000	
79 Chlorobenzene	112	11.338	11.354	(1.002)	220373	18.5581	1800
80 1,1,1,2-Tetrachloroethane	131	11.421	11.432	(1.010)	123922	18.7912	1800
81 Ethylbenzene	106	11.430	11.441	(1.011)	84808	19.4677	1900
82 m+p-Xylene	106	11.536	11.551	(1.020)	227804	37.7475	3600
84 o-Xylene	106	11.958	11.973	(1.057)	111298	19.3616	1800
85 Styrene	104	11.967	11.982	(1.058)	208354	19.5249	1900
83 Butyl Acrylate	73	11.857	11.863	(1.048)	103111	20.2937	1900
86 Bromoform	173	12.203	12.218	(1.079)	113259	19.2058	1800
88 Isopropylbenzene	105	12.322	12.328	(1.089)	272590	20.0739	1900
\$ 89 Bromofluorobenzene (SUR)	174	12.506	12.511	(0.911)	267623	51.9372	5000
90 Camphene (total)	93	12.614	12.622	(1.115)	97382	26.3826	2500
91 Bromobenzene	156	12.679	12.695	(0.923)	108592	18.9201	1800
92 1,1,2,2-Tetrachloroethane	83	12.633	12.640	(0.920)	168339	18.0052	1700
93 1,2,3-Trichloropropane	110	12.697	12.705	(0.924)	39555	17.4412	1700
94 trans-1,4-Dichloro-2-butene	53	12.679	12.686	(0.923)	42773	25.5464	2400
95 n-Propylbenzene	91	12.734	12.741	(0.927)	285725	17.7408	1700
96 2-Chlorotoluene	91	12.859	12.868	(0.936)	185674	20.0371	1900
97 1,3,5-Trimethylbenzene	105	12.905	12.905	(0.940)	206314	18.4361	1800
98 4-Chlorotoluene	91	12.970	12.978	(0.944)	271739	19.4307	1900
99 Butyl Methacrylate	87	12.942	12.951	(0.942)	163019	17.9472	1700
100 tert-Butylbenzene	119	13.262	13.271	(0.966)	195213	19.1196	1800
101 1,2,4-Trimethylbenzene	105	13.308	13.317	(0.969)	213126	18.7460	1800
103 sec-Butylbenzene	105	13.492	13.508	(0.982)	256291	18.4707	1800
105 1,3-Dichlorobenzene	146	13.670	13.682	(0.995)	138641	18.9371	1800
107 p-Isopropyltoluene	119	13.633	13.646	(0.993)	201455	19.1575	1800
* 108 1,4-Dichlorobenzene-d4	152	13.735	13.745	(1.000)	255706	50.0000	
109 1,4-Dichlorobenzene	146	13.761	13.773	(1.002)	185160	21.6247	2100
110 Benzyl Chloride	91	13.909	13.918	(1.013)	170208	17.6233	1700
106 n-Butylbenzene	91	14.090	14.102	(1.026)	188407	18.3795	1800
111 1,2-Dichlorobenzene	146	14.210	14.212	(1.035)	152718	19.2101	1800
112 1,2-Dibromo-3-chloropropane	75	15.169	15.186	(1.104)	30931	19.1906	1800
114 1,2,4-Trichlorobenzene	180	16.363	16.366	(1.191)	78476	21.5429	2100
115 Hexachlorobutadiene	225	16.570	16.587	(1.206)	59379	18.1515	1700
116 Naphthalene	128	16.808	16.815	(1.224)	124270	20.8128	2000
117 1,2,3-Trichlorobenzene	180	17.231	17.226	(1.255)	64453	21.0442	2000
M 120 1,2-Dichloroethene (Total)	100				225779	36.6823	3500
M 121 Xylene (Total)	100				339102	57.1090	5500

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

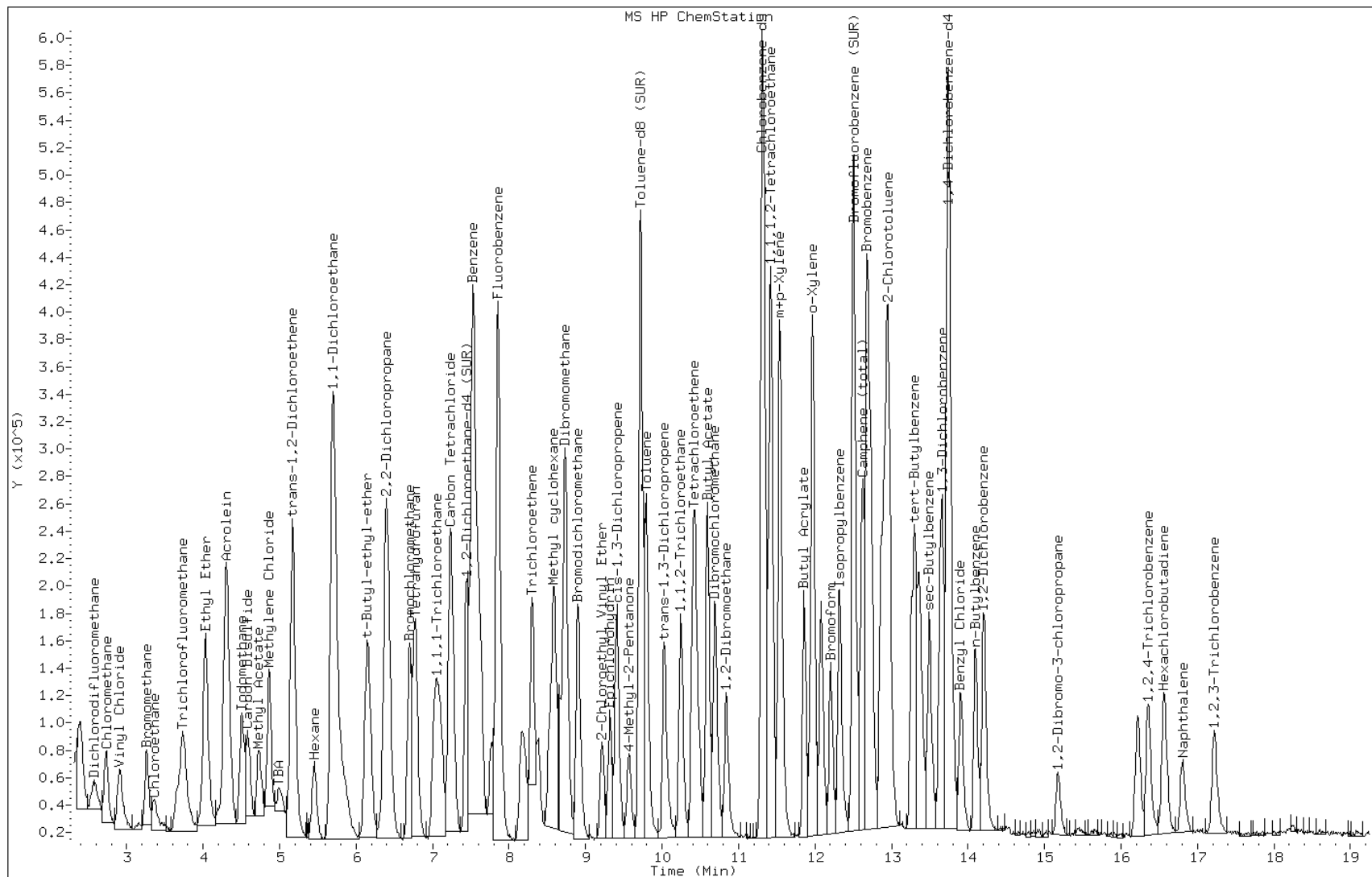
Data File: j03979.d

Date: 27-SEP-2011 02:22

Client ID: S0-17338-091511-MM-

Instrument: VOAMS8.i

Sample Info: 460-31328-C-7-AMS;50;;15.05;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-31328-C-7-A MSD

Matrix: Solid Lab File ID: j03980.d

Analysis Method: 8260B Date Collected: 09/15/2011 13:15

Sample wt/vol: 15.05(g) Date Analyzed: 09/27/2011 02:48

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1840		96	24
71-43-2	Benzene	1700		96	11
10061-01-5	cis-1,3-Dichloropropene	1760		96	9.8
75-15-0	Carbon disulfide	1520		96	14
75-25-2	Bromoform	1760		96	9.5
127-18-4	Tetrachloroethene	1860		96	19
75-34-3	1,1-Dichloroethane	1780		96	9.6
107-06-2	1,2-Dichloroethane	1970		96	24
78-87-5	1,2-Dichloropropane	1880		96	8.4
79-00-5	1,1,2-Trichloroethane	1650		96	9.3
67-64-1	Acetone	1580		960	240
79-20-9	Methyl acetate	1430		190	31
75-71-8	Dichlorodifluoromethane	1560		96	27
108-10-1	4-Methyl-2-pentanone (MIBK)	1600		960	65
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1730		96	28
75-09-2	Methylene Chloride	1700		96	18
74-87-3	Chloromethane	1780		96	20
74-83-9	Bromomethane	1180		96	30
124-48-1	Chlorodibromomethane	1820		96	9.6
108-88-3	Toluene	1820		96	9.1
120-82-1	1,2,4-Trichlorobenzene	2130		96	42
108-90-7	Chlorobenzene	1800		96	16
96-12-8	1,2-Dibromo-3-Chloropropane	1780		96	15
541-73-1	1,3-Dichlorobenzene	1830		96	22
1634-04-4	Methyl tert-butyl ether	1720		96	18
100-42-5	Styrene	1860		96	13
156-60-5	trans-1,2-Dichloroethene	1790		96	13
79-34-5	1,1,2,2-Tetrachloroethane	1700		96	8.3
75-00-3	Chloroethane	934		96	43
75-35-4	1,1-Dichloroethene	1740		96	13
95-50-1	1,2-Dichlorobenzene	1930		96	16
79-01-6	Trichloroethene	1880		96	17
591-78-6	2-Hexanone	1540		960	52
78-93-3	2-Butanone (MEK)	1600		960	79
100-41-4	Ethylbenzene	1850		96	24
98-82-8	Isopropylbenzene	1910		96	20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31328-C-7-A MSD
 Matrix: Solid Lab File ID: j03980.d
 Analysis Method: 8260B Date Collected: 09/15/2011 13:15
 Sample wt/vol: 15.05(g) Date Analyzed: 09/27/2011 02:48
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 13.3 Level: (low/med) Medium
 Analysis Batch No.: 87364 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-87-2	Methylcyclohexane	1790		96	7.7
75-69-4	Trichlorofluoromethane	1520		96	15
1330-20-7	Xylenes, Total	5600		290	42
110-82-7	Cyclohexane	1870		96	12
10061-02-6	trans-1,3-Dichloropropene	1780		96	12
156-59-2	cis-1,2-Dichloroethene	1810		96	19
67-66-3	Chloroform	1780		96	15
75-01-4	Vinyl chloride	2050		96	11
106-93-4	1,2-Dibromoethane	1770		96	8.7
56-23-5	Carbon tetrachloride	1870		96	17
106-46-7	1,4-Dichlorobenzene	2040		96	14
75-27-4	Dichlorobromomethane	1960		96	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	108		50-124
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
2037-26-5	Toluene-d8 (Surr)	97		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03980.d
Report Date: 29-Sep-2011 17:09

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/j03980.d
Lab Smp Id: 460-31328-C-7-AMSD Client Smp ID: S0-17338-091511-MM-
Inj Date : 27-SEP-2011 02:48
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31328-C-7-AMSD;50;;15.05;25
Misc Info : 460-31328-C-7-AMSD
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b/8260DE_09.m
Meth Date : 26-Sep-2011 19:38 ken Quant Type: ISTD
Cal Date : 26-SEP-2011 19:24 Cal File: j03964.d
Als bottle: 13 QC Sample: MSD
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	13.28125	% 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)
2 Dichlorodifluoromethane	85	2.565	2.582	(0.327)	189708	16.3349	1600
3 Chloromethane	50	2.739	2.746	(0.349)	136590	18.6056	1800
4 Vinyl Chloride	62	2.908	2.920	(0.370)	150837	21.3884	2000
6 Bromomethane	94	3.253	3.305	(0.414)	79308	12.3626	1200(H)
5 Chloroethane	64	3.362	3.416	(0.428)	38656	9.75643	930(R)
7 Trichlorofluoromethane	101	3.681	3.734	(0.469)	204339	15.9169	1500
11 Ethyl Ether	59	4.013	4.016	(0.511)	76483	18.0667	1700
13 Acrolein	56	4.195	4.199	(0.534)	25760	36.2629	3500
15 1,1-Dichloroethene	96	4.296	4.327	(0.547)	95177	18.1679	1700
14 Freon TF	101	4.305	4.327	(0.548)	171455	18.0400	1700
16 Acetone	58	4.387	4.373	(0.559)	5436	16.5478	1600
17 Iodomethane	142	4.497	4.528	(0.573)	267176	18.8414	1800
18 Carbon Disulfide	76	4.580	4.611	(0.583)	268452	15.8559	1500
27 Methyl Acetate	74	4.735	4.729	(0.603)	17788	14.9338	1400

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.854	4.875	(0.618)	115583	17.7430	1700
24 TBA	59	5.016	4.957	(0.639)	168873	347.864	33000
25 trans-1,2-Dichloroethene	96	5.171	5.183	(0.658)	115617	18.6629	1800
26 Acrylonitrile	53	5.180	5.174	(0.660)	26210	20.3211	1900
28 MTBE	73	5.171	5.174	(0.658)	267601	17.9122	1700
29 Hexane	56	5.435	5.465	(0.692)	35961	18.5754	1800
30 1,1-Dichloroethane	63	5.679	5.684	(0.723)	234507	18.5730	1800
31 Vinyl Acetate	43	5.697	5.712	(0.725)	466455	23.9877	2300
32 DIPE	45	5.705	5.712	(0.726)	518122	17.9562	1700
35 t-Butyl-ethyl-ether	59	6.137	6.148	(0.782)	402296	18.2035	1700
37 2,2-Dichloropropane	77	6.392	6.413	(0.814)	174090	18.0708	1700
36 cis-1,2-Dichloroethene	96	6.383	6.394	(0.813)	125447	18.8757	1800
38 2-Butanone	72	6.402	6.403	(0.815)	8713	16.6676	1600
39 Ethyl Acetate	70	6.429	6.422	(0.819)	23470	36.7239	3500
40 Bromochloromethane	128	6.694	6.705	(0.852)	80039	19.7542	1900
41 Tetrahydrofuran	42	6.768	6.750	(0.862)	24646	14.6035	1400
42 Chloroform	83	6.768	6.778	(0.862)	249330	18.6125	1800
43 1,1,1-Trichloroethane	97	7.023	7.048	(0.894)	190415	19.1785	1800
44 Cyclohexane	56	7.095	7.112	(0.904)	115380	19.4901	1900
45 Carbon Tetrachloride	117	7.241	7.264	(0.922)	173499	19.5083	1900
46 1,1-Dichloropropene	75	7.223	7.246	(0.920)	167288	18.7738	1800
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.457	(0.947)	304463	51.4737	4900
48 Benzene	78	7.516	7.529	(0.665)	326224	17.7454	1700
49 1,2-Dichloroethane	62	7.544	7.548	(0.961)	154088	20.5439	2000
50 t-Amyl-methyl-ether	73	7.615	7.612	(0.970)	333766	20.3084	1900
61 Isopropyl Acetate	43	7.525	7.529	(0.958)	625888	36.7850	3500
* 52 Fluorobenzene	96	7.853	7.866	(1.000)	784453	50.0000	
54 Trichloroethene	95	8.299	8.309	(1.057)	135206	19.6107	1900
56 Methyl cyclohexane	83	8.524	8.547	(1.085)	75691	18.6702	1800
55 Ethyl Acrylate	55	8.382	8.382	(1.067)	146343	18.9262	1800
57 1,2-Dichloropropane	63	8.588	8.601	(1.094)	145324	19.6096	1900
58 Dibromomethane	93	8.734	8.748	(1.112)	123688	19.3156	1800
59 Methyl Methacrylate	100	8.661	8.675	(1.103)	30393	20.6345	2000
68 Bromodichloromethane	83	8.899	8.904	(1.133)	260125	20.4767	2000
62 2-Chloroethyl Vinyl Ether	63	9.216	9.221	(1.174)	75831	18.5317	1800
63 Epichlorohydrin	57	9.326	9.322	(0.825)	202240	321.860	31000
67 cis-1,3-Dichloropropene	75	9.409	9.414	(0.832)	211235	18.3444	1800
70 4-Methyl-2-Pentanone	43	9.573	9.568	(0.847)	112943	16.7471	1600
\$ 65 Toluene-d8 (SUR)	98	9.710	9.723	(0.859)	645877	48.3039	4600
66 Toluene	91	9.793	9.806	(0.866)	325006	18.9877	1800
64 trans-1,3-Dichloropropene	75	10.019	10.040	(0.886)	177620	18.6222	1800
69 1,1,2-Trichloroethane	83	10.240	10.250	(0.906)	99161	17.1793	1600
71 Tetrachloroethene	166	10.403	10.422	(0.920)	117078	19.3907	1800
72 1,3-Dichloropropane	76	10.429	10.441	(0.923)	195117	18.5107	1800
73 2-Hexanone	43	10.483	10.496	(0.927)	60803	16.1146	1500
74 Dibromochloromethane	129	10.694	10.707	(0.946)	189391	18.9648	1800
76 Butyl Acetate	73	10.593	10.606	(0.937)	67004	35.4383	3400

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.838	10.844	(0.959)	163217	18.4839	1800
* 78 Chlorobenzene-d5	117	11.305	11.317	(1.000)	597452	50.0000	
79 Chlorobenzene	112	11.332	11.354	(1.002)	233532	18.7645	1800
80 1,1,1,2-Tetrachloroethane	131	11.415	11.432	(1.010)	128723	18.6241	1800
81 Ethylbenzene	106	11.424	11.441	(1.011)	88019	19.2783	1800
82 m+p-Xylene	106	11.543	11.551	(1.021)	245339	38.7891	3700
84 o-Xylene	106	11.964	11.973	(1.058)	118436	19.6586	1900
85 Styrene	104	11.973	11.982	(1.059)	217573	19.4539	1900
83 Butyl Acrylate	73	11.854	11.863	(1.049)	109218	20.5100	2000
86 Bromoform	173	12.208	12.218	(1.080)	113347	18.3394	1800
88 Isopropylbenzene	105	12.318	12.328	(1.090)	284257	19.9733	1900
\$ 89 Bromofluorobenzene (SUR)	174	12.498	12.511	(0.910)	286271	53.9389	5200
90 Camphene (total)	93	12.608	12.622	(1.115)	98960	25.5809	2400
91 Bromobenzene	156	12.682	12.695	(0.923)	111459	18.8543	1800
92 1,1,2,2-Tetrachloroethane	83	12.627	12.640	(0.919)	171207	17.7789	1700
93 1,2,3-Trichloropropane	110	12.691	12.705	(0.924)	41867	17.9232	1700
94 trans-1,4-Dichloro-2-butene	53	12.682	12.686	(0.923)	42032	24.3728	2300
95 n-Propylbenzene	91	12.736	12.741	(0.927)	297718	17.9473	1700
96 2-Chlorotoluene	91	12.864	12.868	(0.937)	268101	28.0899	2700(R)
97 1,3,5-Trimethylbenzene	105	12.901	12.905	(0.939)	211845	18.3792	1800
98 4-Chlorotoluene	91	12.975	12.978	(0.945)	277008	19.2309	1800
99 Butyl Methacrylate	87	12.938	12.951	(0.942)	173727	18.5693	1800
100 tert-Butylbenzene	119	13.262	13.271	(0.966)	206762	19.6612	1900
101 1,2,4-Trimethylbenzene	105	13.317	13.317	(0.970)	225619	19.2672	1800
103 sec-Butylbenzene	105	13.489	13.508	(0.982)	274445	19.2032	1800
105 1,3-Dichlorobenzene	146	13.680	13.682	(0.996)	143716	19.0588	1800
107 p-Isopropyltoluene	119	13.634	13.646	(0.993)	207039	19.1154	1800
* 108 1,4-Dichlorobenzene-d4	152	13.735	13.745	(1.000)	263373	50.0000	
109 1,4-Dichlorobenzene	146	13.762	13.773	(1.002)	187399	21.2491	2000
110 Benzyl Chloride	91	13.909	13.918	(1.013)	172284	17.3189	1600
106 n-Butylbenzene	91	14.102	14.102	(1.027)	194765	18.4467	1800
111 1,2-Dichlorobenzene	146	14.211	14.212	(1.035)	164581	20.0997	1900
112 1,2-Dibromo-3-chloropropane	75	15.174	15.186	(1.105)	30909	18.6184	1800
114 1,2,4-Trichlorobenzene	180	16.362	16.366	(1.191)	83546	22.2669	2100
115 Hexachlorobutadiene	225	16.559	16.587	(1.206)	64649	19.1871	1800
116 Naphthalene	128	16.803	16.815	(1.223)	125457	20.3999	2000
117 1,2,3-Trichlorobenzene	180	17.216	17.226	(1.253)	65131	20.6464	2000
M 120 1,2-Dichloroethene (Total)	100				241064	37.5460	3600
M 121 Xylene (Total)	100				363775	58.4477	5600

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

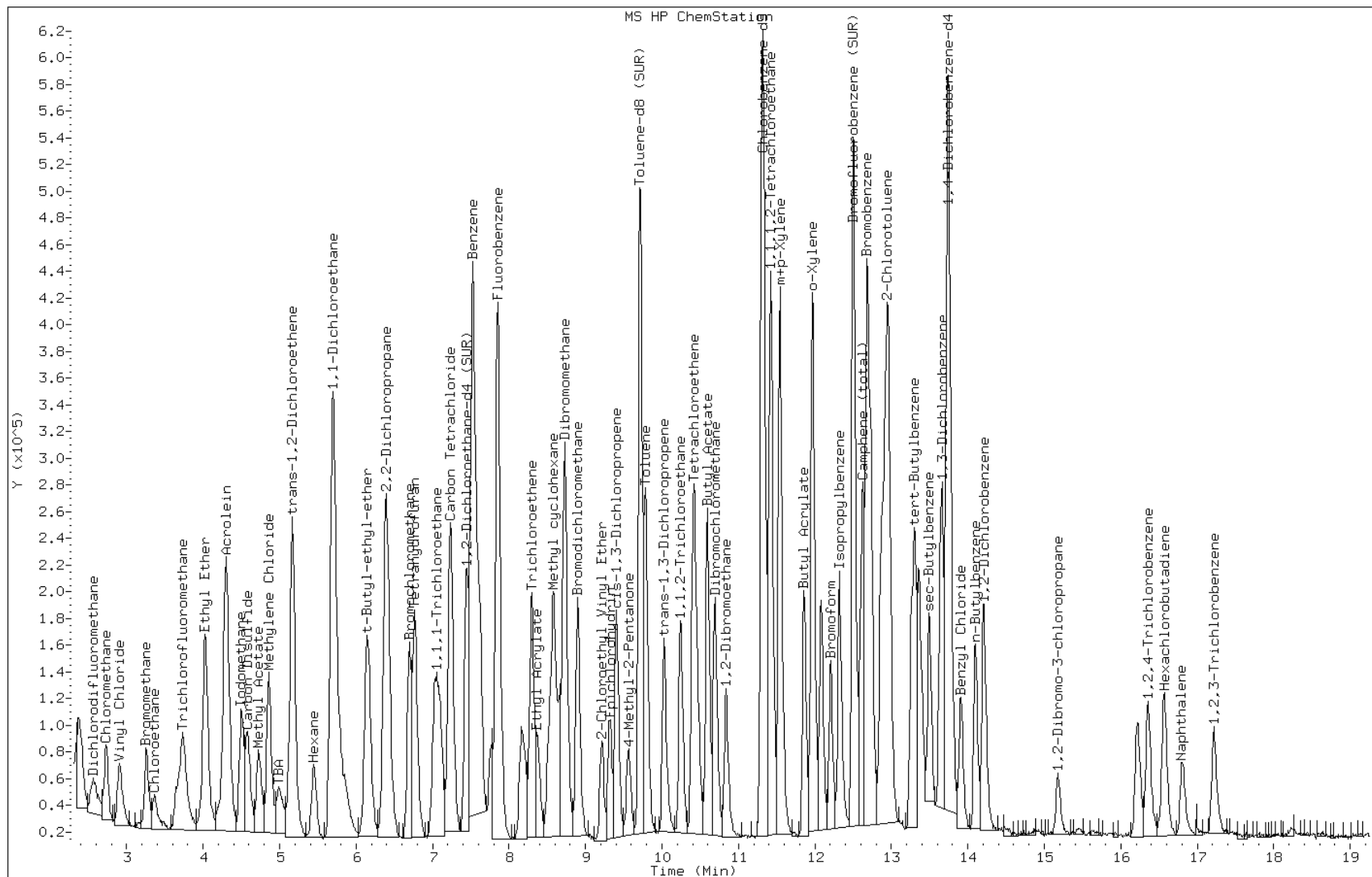
Data File: j03980.d

Date: 27-SEP-2011 02:48

Client ID: S0-17338-091511-MM-

Instrument: VOAMS8.i

Sample Info: 460-31328-C-7-AMSD;50;;15.05;25 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/22/2011 01:35Analysis Batch Number: 87107 End Date: 09/22/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87107/1		09/22/2011 01:35	1	j03832.d	DB-624 0.53 (mm)
IC 460-87107/2		09/22/2011 02:30	1	j03834.d	DB-624 0.53 (mm)
IC 460-87107/3		09/22/2011 03:20	1	j03836.d	DB-624 0.53 (mm)
ICIS 460-87107/4		09/22/2011 03:45	1	j03837.d	DB-624 0.53 (mm)
IC 460-87107/5		09/22/2011 04:10	1	j03838.d	DB-624 0.53 (mm)
IC 460-87107/6		09/22/2011 04:35	1	j03839.d	DB-624 0.53 (mm)
IC 460-87107/7		09/22/2011 05:00	1	j03840.d	DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/26/2011 18:31Analysis Batch Number: 87364 End Date: 09/27/2011 06:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87364/1		09/26/2011 18:31	1	j03962.d	DB-624 0.53 (mm)
CCVIS 460-87364/2		09/26/2011 19:24	1	j03964.d	DB-624 0.53 (mm)
LCS 460-87364/3		09/26/2011 20:10	50	j03965.d	DB-624 0.53 (mm)
MB 460-87364/4		09/26/2011 21:00	50	j03967.d	DB-624 0.53 (mm)
ZZZZZ		09/26/2011 21:47	50		DB-624 0.53 (mm)
ZZZZZ		09/26/2011 22:12	50		DB-624 0.53 (mm)
ZZZZZ		09/26/2011 22:37	50		DB-624 0.53 (mm)
ZZZZZ		09/26/2011 23:02	50		DB-624 0.53 (mm)
ZZZZZ		09/26/2011 23:27	50		DB-624 0.53 (mm)
ZZZZZ		09/26/2011 23:52	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 00:17	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 00:42	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 01:08	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 01:33	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 01:57	50		DB-624 0.53 (mm)
460-31328-C-7-A MS		09/27/2011 02:22	50	j03979.d	DB-624 0.53 (mm)
460-31328-C-7-A MSD		09/27/2011 02:48	50	j03980.d	DB-624 0.53 (mm)
ZZZZZ		09/27/2011 03:37	50		DB-624 0.53 (mm)
460-31330-1	SO-17338-091411-MM-07	09/27/2011 04:02	50	j03983.d	DB-624 0.53 (mm)
460-31330-4	SO-17338-091411-MM-10	09/27/2011 04:27	50	j03984.d	DB-624 0.53 (mm)
ZZZZZ		09/27/2011 04:53	50		DB-624 0.53 (mm)
ZZZZZ		09/27/2011 05:18	50		DB-624 0.53 (mm)
CCV 460-87364/23		09/27/2011 06:08	1	j03988.d	DB-624 0.53 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 87208 Batch Start Date: 09/24/11 14:38 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 09/24/11 14:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00030	
460-31330-D-1	SO-17338-091411-MM-07	5035, 8260B	T	46.5 g	61.38 g	14.88 g	25 mL	25 mL	
460-31330-D-4	SO-17338-091411-MM-10	5035, 8260B	T	46.2 g	60.73 g	14.53 g	25 mL	25 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/26septide.b

Date Generated: 09/27/2011

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Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD LOT	COMMENTS
09/26/11 1831	j03962.d	2	BFB		0	0	1	all			
09/26/11 1859	j03963.d	1	CCVIS		5	0	1	all			
09/26/11 1924	j03964.d	3	CCVIS		5	0	1	all			
09/26/11 2010	j03965.d	4	LCS		5	10	50	all			
09/26/11 2035	j03966.d	5	MB		5	10	50	all			
09/26/11 2100	j03967.d	6	MB		5	10	50	all			
09/26/11 2147	j03968.d	1	460-31312-B-2-A	HA-2	9.88	25	50	all			
09/26/11 2212	j03969.d	2	460-31312-B-3-A	HA-3	8.5	25	50	all			
09/26/11 2237	j03970.d	3	460-31312-B-6-A	HA-6	7.88	25	50	all			
09/26/11 2302	j03971.d	4	460-31312-B-7-A	HA-7	9.15	25	50	all			
09/26/11 2327	j03972.d	5	460-31312-B-8-A	HA-8	10.18	25	50	all			
09/26/11 2352	j03973.d	6	460-31312-B-9-A	SS-1	9.68	25	50	all			
09/27/11 0017	j03974.d	7	460-31312-B-10-A	SS-2	8.97	25	50	all			
09/27/11 0042	j03975.d	8	460-31312-B-11-A	SS-3	8.55	25	50	all			

87364

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/26sep11de.b

Date Generated: 09/27/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/27/11	0108	j03976.d	9	460-31312-B-12-A	SS-4	7.81	25	50			
09/27/11	0133	j03977.d	10	460-31312-B-2-AMS	HA-2	9.88	25	50			
09/27/11	0157	j03978.d	11	460-31312-B-2-AMSD	HA-2	9.88	25	50			
09/27/11	0222	j03979.d	12	460-31328-C-7-AMS	SO-17338-091511-MM-	15.05	25	50			
09/27/11	0248	j03980.d	13	460-31328-C-7-AMSD	SO-17338-091511-MM-	15.05	25	50			
09/27/11	0313	j03981.d	14	BLK	5	0	1				
09/27/11	0337	j03982.d	15	460-31328-C-7-A	SO-17338-091511-MM-	15.05	25	50			
09/27/11	0402	j03983.d	16	460-31330-D-1-A	SO-17338-091411-MM-	14.88	25	50			
09/27/11	0427	j03984.d	17	460-31330-D-4-A	SO-17338-091411-MM-	14.53	25	50			
09/27/11	0453	j03985.d	18	460-31469-C-4-A	SO-17338-091911-MM-	12.95	25	50			
09/27/11	0518	j03986.d	19	460-31469-C-20-A	SO-17338-092011-MM-	16.44	25	50			
09/27/11	0543	j03987.d	20	CCV	5	0	1				
09/27/11	0608	j03988.d	21	CCV	5	0	1				

Signed: *Hubert for Lomb.*

Read and Understood by:

A. Supack

Date: 9/27/11.

Date: 9/27/11.

Method 8270 DEL

Semivolatile Organics (GC/MS) by
Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
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 #
SO-17338-091411-MM-10	460-31330-4	73	79	71	75	62	93
	MB 460-87314/1-A	77	78	80	83	65	85
	LCS 460-87314/2-A	68	70	71	75	73	77
	460-30924-A-5-L MS	83	84	87	97	77	93
	460-30924-A-5-M MSD	82	84	85	93	76	93

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10288.d
 Lab ID: LCS 460-87314/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	2180	66	10-160	
Phenol	6370	5030	79	54-115	
Bis (2-chloroethyl) ether	3330	2500	75	44-101	
2-Chlorophenol	6410	5230	82	56-110	
2-Methylphenol	6420	5310	83	54-117	
2,2'-oxybis[1-chloropropane]	3330	2440	73	45-102	
Acetophenone	3340	2550	76	40-95	
4-Methylphenol	6420	4690	73	47-103	
N-Nitrosodi-n-propylamine	3330	2330	70	42-107	
Hexachloroethane	3330	2400	72	45-90	
Nitrobenzene	3330	2480	74	42-106	
Isophorone	3330	2650	79	48-97	
2-Nitrophenol	6440	5220	81	55-101	
2,4-Dimethylphenol	6410	5070	79	56-112	
Bis (2-chloroethoxy) methane	3330	2620	79	51-100	
2,4-Dichlorophenol	6450	5380	83	58-115	
Naphthalene	3330	2560	77	53-94	
4-Chloroaniline	3330	1880	57	10-96	
Hexachlorobutadiene	3330	2570	77	45-98	
Caprolactam	3340	1840	55	10-127	
4-Chloro-3-methylphenol	6440	5370	83	55-117	
2-Methylnaphthalene	3330	2640	79	51-98	
Hexachlorocyclopentadiene	3330	1680	50	24-98	
2,4,6-Trichlorophenol	6490	5510	85	53-118	
2,4,5-Trichlorophenol	6490	5200	80	50-115	
1,1'-Biphenyl	3340	2760	83	50-105	
2-Chloronaphthalene	3330	2680	80	51-102	
2-Nitroaniline	3330	3200	96	51-109	
Dimethyl phthalate	3330	2680	81	52-112	
2,6-Dinitrotoluene	3330	2690	81	51-115	
Acenaphthylene	3330	2600	78	51-103	
3-Nitroaniline	3330	1880	57	32-104	
Acenaphthene	3330	2630	79	46-100	
2,4-Dinitrophenol	6670	890 J	13	10-129	
4-Nitrophenol	6670	5020	75	45-114	
Dibenzofuran	3330	2710	81	52-106	
2,4-Dinitrotoluene	3330	2630	79	53-110	
Diethyl phthalate	3330	2650	79	52-114	
Fluorene	3330	2680	81	51-108	
4-Chlorophenyl phenyl ether	3330	2780	84	50-106	
4-Nitroaniline	3330	2340	70	45-106	
4,6-Dinitro-2-methylphenol	6670	1860	28	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10288.d
 Lab ID: LCS 460-87314/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2890	87	49-106	
4-Bromophenyl phenyl ether	3330	2870	86	44-102	
Hexachlorobenzene	3330	2880	86	43-104	
Atrazine	3330	2650	79	30-100	
Pentachlorophenol	6670	4310	65	19-113	
Phenanthrene	3330	2740	82	48-108	
Anthracene	3330	2730	82	50-107	
Carbazole	3330	2700	81	49-104	
Di-n-butyl phthalate	3330	2690	81	50-108	
Fluoranthene	3330	2690	81	49-108	
Pyrene	3330	2790	84	49-116	
Butyl benzyl phthalate	3330	2710	81	49-117	
3,3'-Dichlorobenzidine	3330	2100	63	24-105	
Benzo[a]anthracene	3330	2830	85	46-112	
Chrysene	3330	2830	85	45-114	
Bis(2-ethylhexyl) phthalate	3330	2720	82	49-119	
Di-n-octyl phthalate	3330	2620	79	40-106	
Benzo[b]fluoranthene	3330	2740	82	33-96	
Benzo[k]fluoranthene	3330	2820	85	35-115	
Benzo[a]pyrene	3330	2690	81	36-89	
Indeno[1,2,3-cd]pyrene	3330	2980	89	43-109	
Dibenz(a,h)anthracene	3330	2870	86	43-107	
Benzo[g,h,i]perylene	3330	2850	86	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10291.d
Lab ID: 460-30924-A-5-L MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	3680	360 U	2230	61	10-160	
Phenol	7030	360 U	6260	89	54-115	
Bis (2-chloroethyl) ether	3680	36 U	3020	82	44-101	
2-Chlorophenol	7060	360 U	6540	93	56-110	
2-Methylphenol	7080	360 U	6500	92	54-117	
2,2'-oxybis[1-chloropropane]	3680	360 U	2850	78	45-102	
Acetophenone	3680	360 U	3080	84	40-95	
4-Methylphenol	7080	360 U	5720	81	47-103	
N-Nitrosodi-n-propylamine	3680	36 U	2690	73	42-107	
Hexachloroethane	3680	36 U	2680	73	45-90	
Nitrobenzene	3680	36 U	2930	80	42-106	
Isophorone	3680	360 U	3240	88	48-97	
2-Nitrophenol	7100	360 U	6500	91	55-101	
2,4-Dimethylphenol	7070	360 U	6240	88	56-112	
Bis (2-chloroethoxy) methane	3680	360 U	3330	90	51-100	
2,4-Dichlorophenol	7120	360 U	6610	93	58-115	
Naphthalene	3680	360 U	3110	85	53-94	
4-Chloroaniline	3680	360 U	2380	65	10-96	
Hexachlorobutadiene	3680	74 U	3120	85	45-98	
Caprolactam	3680	360 U	1700	46	10-127	
4-Chloro-3-methylphenol	7100	360 U	6260	88	55-117	
2-Methylnaphthalene	3680	360 U	3260	89	51-98	
Hexachlorocyclopentadiene	3680	360 U	3140	86	24-98	
2,4,6-Trichlorophenol	7160	360 U	6850	96	53-118	
2,4,5-Trichlorophenol	7160	360 U	6520	91	50-115	
1,1'-Biphenyl	3680	360 U	3660	100	50-105	
2-Chloronaphthalene	3680	360 U	3520	96	51-102	
2-Nitroaniline	3680	740 U	2980	81	51-109	
Dimethyl phthalate	3680	360 U	3210	87	52-112	
2,6-Dinitrotoluene	3680	74 U	3190	87	51-115	
Acenaphthylene	3680	360 U	3300	90	51-103	
3-Nitroaniline	3680	740 U	2350	64	32-104	
Acenaphthene	3680	360 U	3380	92	46-100	
2,4-Dinitrophenol	7350	1100 U	236 J	3	10-129	F
4-Nitrophenol	7350	1100 U	4710	64	45-114	
Dibenzofuran	3680	360 U	3360	91	52-106	
2,4-Dinitrotoluene	3680	74 U	2990	81	53-110	
Diethyl phthalate	3680	360 U	3030	82	52-114	
Fluorene	3680	360 U	3230	88	51-108	
4-Chlorophenyl phenyl ether	3680	360 U	3380	92	50-106	
4-Nitroaniline	3680	740 U	1880	51	45-106	
4,6-Dinitro-2-methylphenol	7350	1100 U	899 J	12	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10291.d
 Lab ID: 460-30924-A-5-L MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3680	360 U	3850	105	49-106	
4-Bromophenyl phenyl ether	3680	360 U	3850	105	44-102	F
Hexachlorobenzene	3680	36 U	3820	104	43-104	
Atrazine	3680	360 U	3140	85	30-100	
Pentachlorophenol	7350	1100 U	3600	49	19-113	
Phenanthrene	3680	360 U	3530	96	48-108	
Anthracene	3680	360 U	3430	93	50-107	
Carbazole	3680	360 U	3180	87	49-104	
Di-n-butyl phthalate	3680	360 U	3150	86	50-108	
Fluoranthene	3680	360 U	3130	85	49-108	
Pyrene	3680	360 U	3420	93	49-116	
Butyl benzyl phthalate	3680	360 U	3240	88	49-117	
3,3'-Dichlorobenzidine	3680	740 U	2730	74	24-105	
Benzo[a]anthracene	3680	36 U	3620	98	46-112	
Chrysene	3680	360 U	3540	96	45-114	
Bis(2-ethylhexyl) phthalate	3680	360 U	3240	88	49-119	
Di-n-octyl phthalate	3680	360 U	2730	74	40-106	
Benzo[b]fluoranthene	3680	36 U	3450	94	33-96	
Benzo[k]fluoranthene	3680	36 U	3280	89	35-115	
Benzo[a]pyrene	3680	36 U	3370	92	36-89	F
Indeno[1,2,3-cd]pyrene	3680	36 U	4040	110	43-109	F
Dibenz(a,h)anthracene	3680	36 U	4080	111	43-107	F
Benzo[g,h,i]perylene	3680	360 U	4150	113	43-106	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10292.d
Lab ID: 460-30924-A-5-M MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	3670	2220	60	0	30	10-160	
Phenol	7020	6300	90	1	30	54-115	
Bis (2-chloroethyl) ether	3670	2980	81	1	30	44-101	
2-Chlorophenol	7060	6510	92	0	30	56-110	
2-Methylphenol	7080	6550	93	1	30	54-117	
2,2'-oxybis[1-chloropropane]	3670	2800	76	2	30	45-102	
Acetophenone	3670	3080	84	0	30	40-95	
4-Methylphenol	7080	5770	81	1	30	47-103	
N-Nitrosodi-n-propylamine	3670	2630	72	2	30	42-107	
Hexachloroethane	3670	2650	72	1	30	45-90	
Nitrobenzene	3670	2840	77	3	30	42-106	
Isophorone	3670	3170	86	2	30	48-97	
2-Nitrophenol	7100	6280	88	3	30	55-101	
2,4-Dimethylphenol	7060	6160	87	1	30	56-112	
Bis (2-chloroethoxy) methane	3670	3250	89	2	30	51-100	
2,4-Dichlorophenol	7110	6550	92	1	30	58-115	
Naphthalene	3670	3040	83	2	30	53-94	
4-Chloroaniline	3670	2420	66	1	30	10-96	
Hexachlorobutadiene	3670	3030	82	3	30	45-98	
Caprolactam	3680	1690	46	1	30	10-127	
4-Chloro-3-methylphenol	7100	6290	89	0	30	55-117	
2-Methylnaphthalene	3670	3210	87	2	30	51-98	
Hexachlorocyclopentadiene	3670	3040	83	3	30	24-98	
2,4,6-Trichlorophenol	7150	6730	94	2	30	53-118	
2,4,5-Trichlorophenol	7150	6210	87	5	30	50-115	
1,1'-Biphenyl	3670	3500	95	5	30	50-105	
2-Chloronaphthalene	3670	3370	92	4	30	51-102	
2-Nitroaniline	3670	2930	80	1	30	51-109	
Dimethyl phthalate	3670	3170	86	1	30	52-112	
2,6-Dinitrotoluene	3670	3150	86	1	30	51-115	
Acenaphthylene	3670	3240	88	2	30	51-103	
3-Nitroaniline	3670	2370	64	1	30	32-104	
Acenaphthene	3670	3250	89	4	30	46-100	
2,4-Dinitrophenol	7350	169 J	2	33	30	10-129	F
4-Nitrophenol	7350	4550	62	3	30	45-114	
Dibenzofuran	3670	3290	90	2	30	52-106	
2,4-Dinitrotoluene	3670	2980	81	1	30	53-110	
Diethyl phthalate	3670	3030	82	0	30	52-114	
Fluorene	3670	3180	87	2	30	51-108	
4-Chlorophenyl phenyl ether	3670	3290	90	3	30	50-106	
4-Nitroaniline	3670	2000	54	6	30	45-106	
4,6-Dinitro-2-methylphenol	7350	718 J	10	23	30	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10292.d
 Lab ID: 460-30924-A-5-M MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3670	3720	101	3	30	49-106	
4-Bromophenyl phenyl ether	3670	3760	102	3	30	44-102	
Hexachlorobenzene	3670	3740	102	2	30	43-104	
Atrazine	3670	3140	85	0	30	30-100	
Pentachlorophenol	7350	3160	43	13	30	19-113	
Phenanthrene	3670	3440	94	3	30	48-108	
Anthracene	3670	3430	93	0	30	50-107	
Carbazole	3670	3200	87	1	30	49-104	
Di-n-butyl phthalate	3670	3220	88	2	30	50-108	
Fluoranthene	3670	3150	86	1	30	49-108	
Pyrene	3670	3400	93	1	30	49-116	
Butyl benzyl phthalate	3670	3230	88	0	30	49-117	
3,3'-Dichlorobenzidine	3670	2640	72	3	30	24-105	
Benzo[a]anthracene	3670	3560	97	2	30	46-112	
Chrysene	3670	3440	94	3	30	45-114	
Bis(2-ethylhexyl) phthalate	3670	3230	88	1	30	49-119	
Di-n-octyl phthalate	3670	2760	75	1	30	40-106	
Benzo[b]fluoranthene	3670	3400	93	1	30	33-96	
Benzo[k]fluoranthene	3670	3200	87	3	30	35-115	
Benzo[a]pyrene	3670	3300	90	2	30	36-89	F
Indeno[1,2,3-cd]pyrene	3670	3940	107	2	30	43-109	
Dibenz(a,h)anthracene	3670	3870	105	5	30	43-107	
Benzo[g,h,i]perylene	3670	3990	109	4	30	43-106	F

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab File ID: z10289.d Lab Sample ID: MB 460-87314/1-A
Matrix: Solid Date Extracted: 09/26/2011 12:00
Instrument ID: BNAMS11 Date Analyzed: 09/28/2011 00:59
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-87314/2-A	z10288.d	09/28/2011 00:34
	460-30924-A-5-L MS	z10291.d	09/28/2011 02:16
	460-30924-A-5-M MSD	z10292.d	09/28/2011 02:40
SO-17338-091411-MM-10	460-31330-4	z10297.d	09/28/2011 04:46

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab File ID: z10237.d DFTPP Injection Date: 09/26/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:44
Analysis Batch No.: 87600

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	42.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 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	6.7
275	10.0 - 30.0 % of mass 198	29.9
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	15.1
442	Greater than 40.0 % of mass 198	99.6
443	17.0 - 23.0 % of mass 442	19.3 (19.4) 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 460-87600/2	z10238.d	09/26/2011	10:59
	IC 460-87600/3	z10239.d	09/26/2011	11:35
	IC 460-87600/4	z10240.d	09/26/2011	12:00
	IC 460-87600/5	z10241.d	09/26/2011	12:25
	IC 460-87600/6	z10242.d	09/26/2011	12:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab File ID: z10286.d DFTPP Injection Date: 09/27/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 23:45
Analysis Batch No.: 87606

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	42.4
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	52.6
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	6.5
275	10.0 - 30.0 % of mass 198	29.2
365	Greater than 1.0 % of mass 198	5.1
441	Present but less than mass 443	14.7
442	Greater than 40.0 % of mass 198	95.7
443	17.0 - 23.0 % of mass 442	18.5 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-87606/2	z10287.d	09/28/2011	00:00
	LCS 460-87314/2-A	z10288.d	09/28/2011	00:34
	MB 460-87314/1-A	z10289.d	09/28/2011	00:59
	460-30924-A-5-L MS	z10291.d	09/28/2011	02:16
	460-30924-A-5-M MSD	z10292.d	09/28/2011	02:40
SO-17338-091411-MM-10	460-31330-4	z10297.d	09/28/2011	04:46
	CCV 460-87610/1	z10307.d	09/28/2011	08:59

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Sample No.: CCVIS 460-87606/2 Date Analyzed: 09/28/2011 00:00
Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): z10287.d Heated Purge: (Y/N) N
Calibration ID: 12425

		DCB		NPT		ANT		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		464147	3.76	1722805	5.06	853439	6.80	
UPPER LIMIT		928294	4.26	3445610	5.56	1706878	7.30	
LOWER LIMIT		232074	3.26	861403	4.56	426720	6.30	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-87314/2-A		541383	3.76	2017870	5.06	1002220	6.80	
MB 460-87314/1-A		582738	3.76	2267986	5.05	1168009	6.80	
460-30924-A-5-L MS		537154	3.77	1957819	5.06	897668	6.80	
460-30924-A-5-M MSD		548247	3.77	2044024	5.06	966699	6.80	
460-31330-4		SO-17338-091411-MM-10	581502	3.76	2188849	5.05	1118229	6.80

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVIS 460-87606/2 Date Analyzed: 09/28/2011 00:00
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10287.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1190387	8.25	543092	10.88	333930	12.63
UPPER LIMIT		2380774	8.75	1086184	11.38	667860	13.13
LOWER LIMIT		595194	7.75	271546	10.38	166965	12.13
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-87314/2-A		1310757	8.25	587816	10.88	375608	12.63
MB 460-87314/1-A		1646769	8.25	743693	10.87	487217	12.63
460-30924-A-5-L MS		1022711	8.25	422574	10.87	320670	12.63
460-30924-A-5-M MSD		1119658	8.25	465429	10.87	340633	12.63
460-31330-4		SO-17338-091411-MM-10	1569720	8.25	666777	10.87	437598

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-10</u>	Lab Sample ID: <u>460-31330-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10297.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/14/2011 14:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 04:46</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	390	U	390	24
108-95-2	Phenol	390	U	390	47
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.0
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
98-86-2	Acetophenone	390	U	390	57
106-44-5	4-Methylphenol	390	U	390	63
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.1
67-72-1	Hexachloroethane	39	U	39	6.5
98-95-3	Nitrobenzene	39	U	39	8.6
78-59-1	Isophorone	390	U	390	44
88-75-5	2-Nitrophenol	390	U	390	63
105-67-9	2,4-Dimethylphenol	390	U	390	62
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	55
120-83-2	2,4-Dichlorophenol	390	U	390	62
91-20-3	Naphthalene	390	U	390	56
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	78	U	78	16
105-60-2	Caprolactam	390	U	390	53
59-50-7	4-Chloro-3-methylphenol	390	U	390	65
91-57-6	2-Methylnaphthalene	390	U	390	56
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	69
95-95-4	2,4,5-Trichlorophenol	390	U	390	74
92-52-4	1,1'-Biphenyl	390	U	390	64
91-58-7	2-Chloronaphthalene	390	U	390	54
88-74-4	2-Nitroaniline	780	U	780	110
131-11-3	Dimethyl phthalate	390	U	390	52
606-20-2	2,6-Dinitrotoluene	78	U	78	9.8
208-96-8	Acenaphthylene	390	U	390	55
99-09-2	3-Nitroaniline	780	U	780	87
83-32-9	Acenaphthene	390	U	390	55
51-28-5	2,4-Dinitrophenol	1200	U	1200	82

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-10</u>	Lab Sample ID: <u>460-31330-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10297.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/14/2011 14:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 04:46</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	99
132-64-9	Dibenzofuran	390	U	390	58
121-14-2	2,4-Dinitrotoluene	78	U	78	11
84-66-2	Diethyl phthalate	390	U	390	52
86-73-7	Fluorene	390	U	390	65
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	66
100-01-6	4-Nitroaniline	780	U	780	80
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
86-30-6	N-Nitrosodiphenylamine	390	U	390	63
101-55-3	4-Bromophenyl phenyl ether	390	U	390	69
118-74-1	Hexachlorobenzene	39	U	39	5.4
1912-24-9	Atrazine	390	U	390	72
87-86-5	Pentachlorophenol	1200	U	1200	190
85-01-8	Phenanthrene	390	U	390	67
120-12-7	Anthracene	390	U	390	68
86-74-8	Carbazole	390	U	390	61
84-74-2	Di-n-butyl phthalate	390	U	390	59
206-44-0	Fluoranthene	390	U	390	64
129-00-0	Pyrene	390	U	390	67
85-68-7	Butyl benzyl phthalate	390	U	390	45
91-94-1	3,3'-Dichlorobenzidine	780	U	780	85
56-55-3	Benzo[a]anthracene	39	U	39	7.1
218-01-9	Chrysene	390	U	390	56
117-81-7	Bis(2-ethylhexyl) phthalate	350	J	390	51
117-84-0	Di-n-octyl phthalate	390	U	390	46
205-99-2	Benzo[b]fluoranthene	39	U	39	5.7
207-08-9	Benzo[k]fluoranthene	39	U	39	5.4
50-32-8	Benzo[a]pyrene	39	U	39	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.2
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.6
191-24-2	Benzo[g,h,i]perylene	390	U	390	41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-10 Lab Sample ID: 460-31330-4
Matrix: Solid Lab File ID: z10297.d
Analysis Method: 8270C Date Collected: 09/14/2011 14:30
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 04:46
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 14.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	62		10-120
321-60-8	2-Fluorobiphenyl	75		40-109
367-12-4	2-Fluorophenol (Surr)	73		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	71		38-105
4165-62-2	Phenol-d5 (Surr)	79		41-118
1718-51-0	Terphenyl-d14 (Surr)	93		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-10 Lab Sample ID: 460-31330-4
Matrix: Solid Lab File ID: z10297.d
Analysis Method: 8270C Date Collected: 09/14/2011 14:30
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 04:46
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 14.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 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/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10297.d
 Report Date: 28-Sep-2011 08:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10297.d
 Lab Smp Id: 460-31330-A-4-B Client Smp ID: SO-17338-091411-MM-
 Inj Date : 28-SEP-2011 04:46
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31330-A-4-B
 Misc Info : 460-31330-A-4-B
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa Quant Type: ISTD
 Cal Date : 28-SEP-2011 00:00 Cal File: z10287.d
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	14.28571	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.569	2.499	(0.683)	1490571	73.4333	5700
\$ 17 Phenol-d5 (SUR)		99	3.434	3.434	(0.912)	1941180	78.5623	6100
* 79 1,4-Dichlorobenzene-d4		152	3.763	3.763	(1.000)	581502	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.322	4.340	(0.856)	796596	35.4447	2800
* 80 Naphthalene-d8		136	5.051	5.057	(1.000)	2188849	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	6.145	6.151	(0.904)	1452693	37.5700	2900
* 82 Acenaphthene-d10		164	6.798	6.804	(1.000)	1118229	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.575	7.581	(1.114)	344048	62.0099	4800
* 83 Phenanthrene-d10		188	8.245	8.251	(1.000)	1569720	40.0000	
\$ 78 Terphenyl-d14		244	9.816	9.816	(0.903)	1078999	46.5928	3600
* 81 Chrysene-d12		240	10.874	10.880	(1.000)	666777	40.0000	
63 bis(2-Ethylhexyl)phthalate		149	10.945	10.945	(1.006)	84284	4.50404	350(a)
* 84 Perylene-d12		264	12.627	12.627	(1.000)	437598	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10297.d
Report Date: 28-Sep-2011 08:28

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10297.d
Report Date: 28-Sep-2011 08:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10297.d
Lab Smp Id: 460-31330-A-4-B Client Smp ID: SO-17338-091411-MM-
Inj Date : 28-SEP-2011 04:46
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-31330-A-4-B
Misc Info : 460-31330-A-4-B
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
Meth Date : 28-Sep-2011 01:06 asfawa Quant Type: ISTD
Cal Date : 28-SEP-2011 00:00 Cal File: z10287.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10297.d

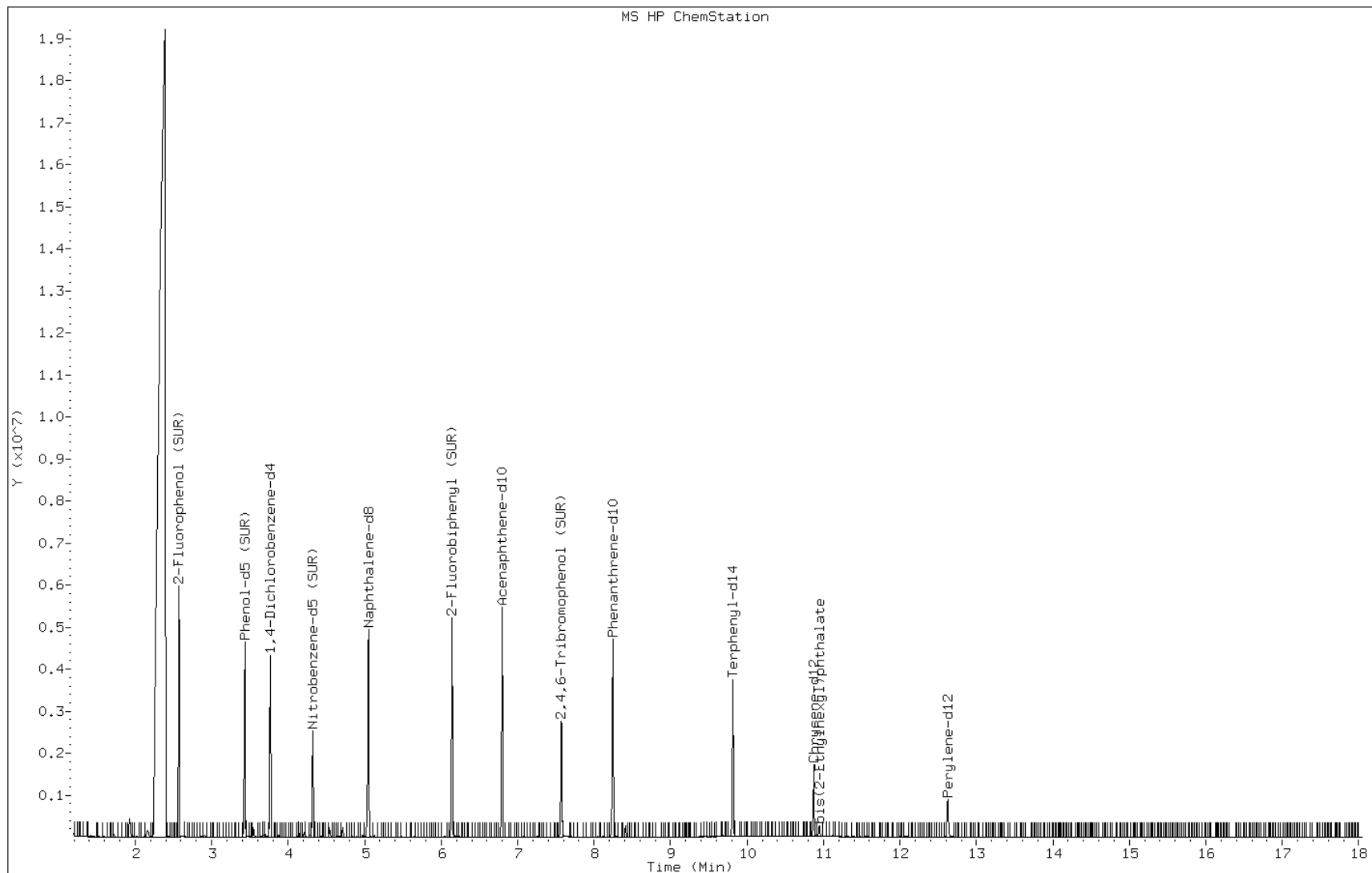
Date: 28-SEP-2011 04:46

Client ID: S0-17338-091411-MM-

Instrument: BNAMS11.i

Sample Info: 460-31330-A-4-B

Operator: BNAMS 4



Data File: z10297.d

Date: 28-SEP-2011 04:46

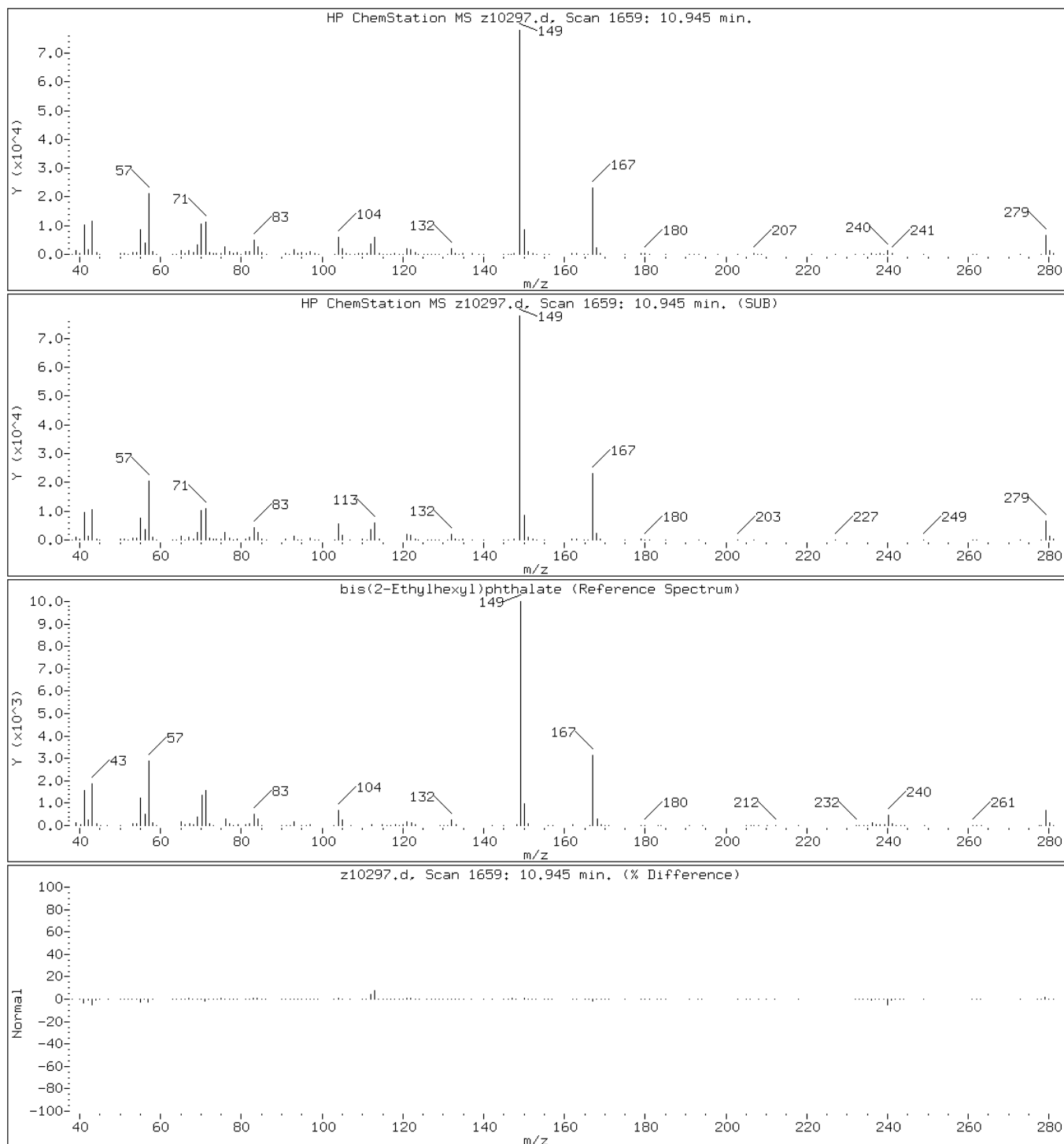
Client ID: S0-17338-091411-MM-

Instrument: BNAMS11.i

Sample Info: 460-31330-A-4-B

Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6575	0.6370	0.6570	0.6502	0.6351	Ave		0.6474			0.0500	1.7		30.0			
N-Nitrosodimethylamine	0.8306	0.8337	0.8460	0.8259	0.8190	Ave		0.8311			0.0500	1.2		30.0			
Pyridine	1.5462	1.5500	1.5302	1.4466	1.4428	Ave		1.5032			0.0500	3.6		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1840	+++++	+++++	Ave		0.1840			0.0500			30.0			
Benzaldehyde	1.0004	0.4721	0.6504	0.1843	0.0446	Ave		0.4704			0.0500	80.7	*	30.0			
Aniline	1.9849	1.9478	1.9768	1.8543	1.7405	Ave		1.9009			0.0500	5.4		30.0			
Phenol	1.9450	1.7638	1.6758	1.6376	1.7106	Ave		1.7466			0.0500	6.9		30.0			
Bis(2-chloroethyl)ether	1.2927	1.3003	1.3457	1.3170	1.4593	Ave		1.3430			0.0500	5.1		30.0			
2-Chlorophenol	1.5172	1.4330	1.3697	1.3214	1.3091	Ave		1.3901			0.0500	6.2		30.0			
n-Decane	1.4175	1.3607	1.2816	1.1984	1.1580	Ave		1.2832			0.0500	8.4		30.0			
1,3-Dichlorobenzene	1.6109	1.5636	1.6284	1.6327	1.6540	Ave		1.6179			0.0500	2.1		30.0			
1,4-Dichlorobenzene	1.6163	1.5891	1.6701	1.6527	1.6797	Ave		1.6416			0.0500	2.3		30.0			
Benzyl alcohol	0.7510	0.7969	0.7022	0.7897	0.7594	Ave		0.7598			0.0500	5.0		30.0			
1,2-Dichlorobenzene	1.5150	1.4713	1.5143	1.5478	1.5489	Ave		1.5195			0.0500	2.1		30.0			
2,2'-oxybis[1-chloropropane]	1.6342	1.4652	1.4172	1.2991	1.2494	Ave		1.4130			0.0500	10.7		30.0			
2-Methylphenol	1.2440	1.1609	1.1420	1.1011	1.1101	Ave		1.1516			0.0500	4.9		30.0			
o-Toluidine	1.5473	1.5518	1.5385	1.4827	1.5571	Ave		1.5355			0.0500	2.0		30.0			
Acetophenone	1.9390	1.8457	1.7846	1.7527	1.7772	Ave		1.8198			0.0500	4.1		30.0			
N-Nitrosodi-n-propylamine	0.9112	0.8800	0.8531	0.8603	0.8488	Ave		0.8707			0.0500	2.9		30.0			
3 & 4 Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
4-Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
Hexachloroethane	0.6487	0.6202	0.6398	0.6324	0.6260	Ave		0.6334			0.0500	1.8		30.0			
Nitrobenzene	0.5101	0.5470	0.5723	0.5484	0.5384	Ave		0.5433			0.0500	4.1		30.0			
n,n'-Dimethylaniline	1.6197	2.0124	2.0532	2.0149	2.0298	Ave		1.9460			0.0500	9.4		30.0			
Isophorone	0.6472	0.6174	0.6377	0.5948	0.5980	Ave		0.6190			0.0500	3.8		30.0			
2-Nitrophenol	0.2044	0.1933	0.1978	0.1954	0.2003	Ave		0.1983			0.0500	2.2		30.0			
2,4-Dimethylphenol	0.3226	0.3101	0.2999	0.2974	0.2962	Ave		0.3053			0.0500	3.7		30.0			
Bis(2-chloroethoxy)methane	0.3925	0.3729	0.3905	0.3805	0.3795	Ave		0.3832			0.0500	2.1		30.0			
2,4-Dichlorophenol	0.2748	0.2666	0.2675	0.2631	0.2671	Ave		0.2678			0.0500	1.6		30.0			
1,2,4-Trichlorobenzene	0.3293	0.3048	0.3171	0.3162	0.3192	Ave		0.3173			0.0500	2.7		30.0			
Naphthalene	1.0664	1.0447	1.1261	1.1226	1.1333	Ave		1.0986			0.0500	3.7		30.0			
4-Chloroaniline	0.3939	0.3772	0.3965	0.3802	0.3768	Ave		0.3849			0.0500	2.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1996	0.1872	0.1928	0.1927	0.1919	Ave		0.1928			0.0500	2.3		30.0			
Caprolactam	0.0906	0.0833	0.0787	0.0742	0.0790	Ave		0.0812			0.0500	7.6		30.0			
4-Chloro-3-methylphenol	0.2898	0.2775	0.2863	0.2660	0.2651	Ave		0.2770			0.0500	4.1		30.0			
2-Methylnaphthalene	0.6492	0.6200	0.6701	0.6607	0.6672	Ave		0.6534			0.0500	3.1		30.0			
1-Methylnaphthalene	0.6661	0.6568	0.6808	0.6746	0.6755	Ave		0.6708			0.0500	1.4		30.0			
Hexachlorocyclopentadiene	0.3022	0.3366	0.3714	0.3675	0.3661	Ave		0.3488			0.0500	8.5		30.0			
2,4,6-Trichlorophenol	0.3762	0.3654	0.3662	0.3673	0.3776	Ave		0.3705			0.0500	1.6		30.0			
2,4,5-Trichlorophenol	0.3920	0.3824	0.3768	0.3620	0.3761	Ave		0.3779			0.0500	2.9		30.0			
1,1'-Biphenyl	1.6904	1.6491	1.7012	1.7635	1.7056	Ave		1.7020			0.0500	2.4		30.0			
2-Chloronaphthalene	1.1849	1.1621	1.2184	1.2362	1.2130	Ave		1.2029			0.0500	2.4		30.0			
Phenyl ether	0.8454	0.8222	0.8660	0.8733	0.8647	Ave		0.8543			0.0500	2.4		30.0			
2-Nitroaniline	0.4342	0.4507	0.4009	0.3648	0.3426	Ave		0.3986			0.0500	11.4		30.0			
Dimethyl phthalate	1.2310	1.1643	1.2227	1.2136	1.2062	Ave		1.2076			0.0500	2.1		30.0			
Coumarin	0.2013	0.1864	0.1933	0.1834	0.1899	Ave		0.1908			0.0500	3.6		30.0			
2,6-Dinitrotoluene	0.2708	0.2686	0.2828	0.2799	0.2781	Ave		0.2760			0.0500	2.2		30.0			
Acenaphthylene	1.9214	1.8514	1.9374	1.8930	1.8729	Ave		1.8952			0.0500	1.8		30.0			
3-Nitroaniline	0.3024	0.2819	0.3058	0.2906	0.2895	Ave		0.2940			0.0500	3.3		30.0			
Acenaphthene	1.1174	1.1178	1.1835	1.2274	1.1957	Ave		1.1684			0.0500	4.2		30.0			
2,4-Dinitrophenol	0.1077	0.1335	0.1477	0.1546	0.1573	Ave		0.1402			0.0500	14.5		30.0			
4-Nitrophenol	0.2381	0.2237	0.2366	0.2235	0.2274	Ave		0.2299			0.0500	3.1		30.0			
Dibenzofuran	1.5358	1.5166	1.6081	1.6261	1.5929	Ave		1.5759			0.0500	3.0		30.0			
2,4-Dinitrotoluene	0.3646	0.3387	0.3588	0.3516	0.3474	Ave		0.3522			0.0500	2.9		30.0			
Diethyl phthalate	1.2871	1.1925	1.2475	1.2353	1.2123	Ave		1.2349			0.0500	2.9		30.0			
Fluorene	1.2272	1.2085	1.3294	1.3113	1.2870	Ave		1.2727			0.0500	4.1		30.0			
4-Chlorophenyl phenyl ether	0.5834	0.5467	0.5797	0.5995	0.5879	Ave		0.5795			0.0500	3.4		30.0			
4-Nitroaniline	0.2834	0.2474	0.2464	0.2364	0.2322	Ave		0.2492			0.0500	8.1		30.0			
4,6-Dinitro-2-methylphenol	0.1125	0.1303	0.1339	0.1354	0.1413	Ave		0.1307			0.0500	8.3		30.0			
N-Nitrosodiphenylamine	0.6319	0.5616	0.6212	0.6295	0.6451	Ave		0.6179			0.0500	5.3		30.0			
1,2-Diphenylhydrazine	0.9108	1.1108	1.1642	1.1441	1.2370	Ave		1.1134			0.0500	11.0		30.0			
4-Bromophenyl phenyl ether	0.2348	0.2363	0.2457	0.2505	0.2589	Ave		0.2452			0.0500	4.1		30.0			
Hexachlorobenzene	0.2542	0.2594	0.2675	0.2708	0.2776	Ave		0.2659			0.0500	3.5		30.0			
Atrazine	0.2190	0.2106	0.1994	0.1989	0.1989	Ave		0.2035			0.0500	5.6		30.0			
Pentachlorophenol	0.1254	0.1423	0.1429	0.1485	0.1510	Ave		0.1420			0.0500	7.0		30.0			
Phenanthrene	1.1272	1.1268	1.1920	1.1640	1.1941	Ave		1.1608			0.0500	2.8		30.0			
Anthracene	1.1399	1.1467	1.2016	1.1828	1.2074	Ave		1.1757			0.0500	2.6		30.0			
Carbazole	0.9819	0.9200	0.9649	0.9392	0.9394	Ave		0.9491			0.0500	2.6		30.0			
Di-n-butyl phthalate	1.2863	1.2726	1.2976	1.3211	1.3015	Ave		1.2958			0.0500	1.4		30.0			
Fluoranthene	0.9844	0.9507	0.9854	0.9829	0.9498	Ave		0.9706			0.0500	1.9		30.0			
Benzidine	0.1384	0.1932	0.1352	0.0459	0.0318	Ave		0.1089			0.0500	62.6	*	30.0			
Pyrene	1.6278	1.5608	1.7755	1.6817	1.8168	Ave		1.6925			0.0500	6.2		30.0			
Butyl benzyl phthalate	0.7615	0.7432	0.7810	0.7914	0.7951	Ave		0.7744			0.0500	2.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.3925	0.3415	0.3709	0.3195	0.3040	Ave		0.3457			0.0500	10.5		30.0			
Benzo[a]anthracene	1.4861	1.1481	1.1902	1.1771	1.2109	Ave		1.2425			0.0500	11.1		30.0			
Chrysene	1.1314	1.1052	1.1670	1.1183	1.0665	Ave		1.1177			0.0500	3.3		30.0			
Bis(2-ethylhexyl) phthalate	0.9794	1.0085	1.0243	1.0924	1.0864	Ave		1.0382			0.0500	4.8		30.0			
Di-n-octyl phthalate	1.8507	1.9753	2.0490	2.1180	2.0796	Ave		2.0145			0.0500	5.2		30.0			
Benzo[b]fluoranthene	1.1775	1.1155	1.2080	1.2235	1.2248	Ave		1.1898			0.0500	3.8		30.0			
Benzo[k]fluoranthene	1.3493	1.3208	1.3690	1.3267	1.2964	Ave		1.3324			0.0500	2.1		30.0			
Benzo[a]pyrene	0.9450	0.9237	0.9944	0.9862	0.9902	Ave		0.9679			0.0500	3.3		30.0			
Indeno[1,2,3-cd]pyrene	0.6580	0.7200	0.8472	0.8861	0.8810	Ave		0.7985			0.0500	12.9		30.0			
Dibenz(a,h)anthracene	0.6840	0.7993	0.8818	0.8933	0.9075	Ave		0.8332			0.0500	11.2		30.0			
Benzo[g,h,i]perylene	0.7528	0.8062	0.8781	0.9090	0.9067	Ave		0.8506			0.0500	8.1		30.0			
2-Fluorophenol (Surr)	1.3983	1.4684	1.3544	1.2557	1.2835	Ave		1.3521			0.0500	6.4		30.0			
Phenol-d5 (Surr)	1.6709	1.6837	1.5915	1.5279	1.5908	Ave		1.6130			0.0500	4.0		30.0			
Nitrobenzene-d5 (Surr)	0.4093	0.4186	0.4168	0.4030	0.4024	Ave		0.4100			0.0500	1.8		30.0			
2-Fluorobiphenyl	1.3716	1.4461	1.4446	1.4758	1.4581	Ave		1.4393			0.0500	2.8		30.0			
2,4,6-Tribromophenol (Surr)	0.1866	0.1845	0.1879	0.1866	0.1845	Ave		0.1860			0.0500	0.8		30.0			
Terphenyl-d14 (Surr)	1.1148	1.1601	1.2296	1.2292	1.2846	Ave		1.2037			0.0500	5.5		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	39549	146923	390611	575682	886164	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	49966	192276	502922	731326	1142855	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	93008	357490	909691	1280897	2013239	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1236	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	60180	108891	386648	163193	62278	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	119397	449234	1175174	1641906	2428713	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	117001	406795	996279	1450023	2386994	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	7776	299892	799990	1166160	2036322	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	91266	330506	814279	1170003	1826753	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	85265	313830	761927	1061101	1615879	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	96901	360605	968107	1445653	2308014	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	97227	366504	992858	1463380	2343818	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	45178	183784	417441	699204	1059687	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	91131	339331	900275	1370485	2161379	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	98302	337918	842548	1150285	1743351	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	74829	267751	678928	974961	1549068	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	93078	357891	914658	1312826	2172787	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	116638	425685	1060956	1551924	2479860	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5481	202965	507137	761761	1184362	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3902	143034	380349	559925	873482	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	11214	451006	1170215	1671209	2577331	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	9743	464131	1220635	1784095	2832313	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	142272	508998	1303849	1812615	2862375	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	44932	159377	404531	595639	958997	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	70927	255648	613204	906400	1417926	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	86283	307431	798546	1159706	1816763	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	60414	219774	546982	801792	1278402	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	7238	251330	648381	963773	1527825	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	234424	861322	2302597	3421328	5424793	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	86585	311012	810662	1158732	1803635	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	8776	154376	394244	587162	918416	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	19913	68689	160918	226248	378384	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	63707	228816	585478	810513	1269108	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	142721	511123	1370247	2013641	3193526	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	146432	541525	1392127	2055962	3233479	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	31840	127692	349824	499374	805045	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	39632	138594	344883	499099	830378	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	41299	145067	354838	491883	827164	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	178086	625550	1602236	2396190	3750742	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	124829	440816	1147544	1679713	2667503	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	89063	311896	815637	1186617	1901546	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	91479	170980	377608	495621	753333	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	129684	441674	1151562	1649066	2652428	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	44255	153636	395231	558775	908943	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5706	101888	266315	380257	611619	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	202418	702295	1824701	2572159	4118590	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	63711	106940	288040	394873	636630	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	117719	424019	1114642	1667752	2629491	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	34052	75970	139126	210038	346000	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	75240	127312	222878	303627	500069	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	161802	575294	1514564	2209510	3502965	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	7682	128478	337958	477790	763995	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	135596	452350	1174906	1678563	2665938	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	129285	458420	1252081	1781829	2830301	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	61463	207393	545960	814577	1292901	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	59715	93830	232065	321240	510687	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	50149	96922	167633	242376	391409	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	93882	278497	777713	1127131	1787644	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	135309	550877	1457562	2048547	3427846	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	34880	117201	307620	448473	717403	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3777	128666	334910	484806	769184	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	32541	104433	249635	356221	525844	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	55883	105887	178933	265821	418541	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	167466	558802	1492294	2084154	3308767	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	169348	568674	1504332	2117856	3345786	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	145870	456260	1208057	1681676	2603125	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	191104	631093	1624505	2365459	3606495	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	146240	471488	1233704	1759867	2631857	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	41134	143696	169235	82227	88101	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	145925	457501	1192748	1690783	2525196	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	68264	217855	524634	795690	1105141	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	70373	150156	249153	321234	422534	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	13322	336541	799553	1183448	1683048	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	101423	323952	783958	1124321	1482361	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	87793	295605	688118	1098280	1510080	5.00	20.0	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Di-n-octyl phthalate	PRY	Ave	124738	417956	940721	1485433	1981094	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	7936	236027	554622	858074	1166787	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	9094	279479	628548	930503	1234983	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	6369	195442	456563	691674	943301	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4435	152350	388966	621458	839304	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4610	169124	404858	626513	864546	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	50736	170589	403162	637516	863808	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	84110	338660	805209	1111873	1790945	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	100512	388322	946152	1352900	2219747	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	89981	345097	852177	1228125	1925980	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	144501	548566	1360567	2005235	3206524	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	19659	69969	176947	253515	405740	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	99930	340060	826057	1235832	1785502	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 26-SEP-2011 10:59
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:36 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 3

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.246	1.246 (0.329)		390611	50.0000	50
19 N-Nitrosodimethylamine		74	1.452	1.452 (0.384)		502922	50.0000	50
71 Pyridine		79	1.469	1.469 (0.389)		909691	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522 (0.667)		805209	50.0000	50
110 Benzaldehyde		77	3.334	3.334 (0.882)		386648	50.0000	50
\$ 17 Phenol-d5 (SUR)		99	3.451	3.451 (0.913)		946152	50.0000	50
1 Phenol		94	3.469	3.469 (0.918)		996279	50.0000	50
73 Aniline		93	3.451	3.451 (0.913)		1175174	50.0000	50
20 bis(2-Chloroethyl)ether		93	3.528	3.528 (0.933)		799990	50.0000	50
2 2-Chlorophenol		128	3.581	3.581 (0.947)		814279	50.0000	50
113 n-decane		43	3.646	3.646 (0.964)		761927	50.0000	50
21 1,3-Dichlorobenzene		146	3.728	3.728 (0.986)		968107	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781 (1.000)		475597	40.0000	
22 1,4-Dichlorobenzene		146	3.798	3.798 (1.005)		992858	50.0000	50
74 Benzyl Alcohol		108	3.946	3.946 (1.044)		417441	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	900275	50.0000	50
3 2-Methylphenol	108	4.081	4.081	(1.079)	678928	50.0000	50
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.079)	842548	50.0000	50
122 o-Toluidine	107	4.198	4.198	(1.110)	914658	50.0000	50
104 Acetophenone	105	4.210	4.210	(1.114)	1060956	50.0000	50
4 4-Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
121 3 & 4 Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
25 N-Nitroso-di-n-propylamine	70	4.228	4.228	(1.118)	507137	50.0000	50(H)
26 Hexachloroethane	117	4.298	4.298	(1.137)	380349	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.357	4.357	(0.859)	852177	50.0000	50
107 N,N-Dimethylaniline	120	4.387	4.387	(1.160)	1220635	50.0000	50
27 Nitrobenzene	77	4.381	4.381	(0.863)	1170215	50.0000	50
28 Isophorone	82	4.628	4.628	(0.912)	1303849	50.0000	50
5 2-Nitrophenol	139	4.698	4.698	(0.926)	404531	50.0000	50
6 2,4-Dimethylphenol	122	4.775	4.775	(0.941)	613204	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.857	4.857	(0.957)	798546	50.0000	50
7 2,4-Dichlorophenol	162	4.951	4.951	(0.976)	546982	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.991)	648381	50.0000	50
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1635812	40.0000	
31 Naphthalene	128	5.098	5.098	(1.005)	2302597	50.0000	50
32 4-Chloroaniline	127	5.163	5.163	(1.017)	810662	50.0000	50
33 Hexachlorobutadiene	225	5.240	5.240	(1.032)	394244	50.0000	50
111 Caprolactam	113	5.551	5.551	(1.094)	160918	50.0000	50
8 4-Chloro-3-methylphenol	107	5.687	5.687	(1.121)	585478	50.0000	50
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	1370247	50.0000	50
120 1-Methylnaphthalene	142	5.892	5.892	(1.161)	1392127	50.0000	50
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	349824	50.0000	50
9 2,4,6-Trichlorophenol	196	6.092	6.092	(0.893)	344883	50.0000	50
10 2,4,5-Trichlorophenol	196	6.134	6.134	(0.899)	354838	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	1360567	50.0000	50
102 Diphenyl	154	6.263	6.263	(0.918)	1602236	50.0000	50
36 2-Chloronaphthalene	162	6.275	6.275	(0.920)	1147544	50.0000	50
103 Diphenyl Ether	170	6.369	6.369	(0.934)	815637	50.0000	50
37 2-Nitroaniline	65	6.392	6.392	(0.937)	377608	50.0000	50
38 Dimethylphthalate	163	6.586	6.586	(0.966)	1151562	50.0000	50
114 Coumarin	146	6.592	6.592	(1.299)	395231	50.0000	50
40 2,6-Dinitrotoluene	165	6.639	6.639	(0.973)	266315	50.0000	50
39 Acenaphthylene	152	6.681	6.681	(0.979)	1824701	50.0000	50
41 3-Nitroaniline	138	6.798	6.798	(0.997)	288040	50.0000	50
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	753456	40.0000	
42 Acenaphthene	154	6.857	6.857	(1.005)	1114642	50.0000	50
11 2,4-Dinitrophenol	184	6.904	6.904	(1.012)	139126	50.0000	50
12 4-Nitrophenol	65	6.998	6.998	(1.026)	222878	50.0000	50
44 2,4-Dinitrotoluene	165	7.034	7.034	(1.031)	337958	50.0000	50
43 Dibenzofuran	168	7.028	7.028	(1.030)	1514564	50.0000	50
45 Diethylphthalate	149	7.281	7.281	(1.067)	1174906	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	545960	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.363	7.363	(1.079)	1252081	50.0000	50
48 4-Nitroaniline	138	7.404	7.404	(1.085)	232065	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.434	7.434	(0.899)	167633	50.0000	50
49 N-Nitrosodiphenylamine	169	7.492	7.492	(0.906)	777713	50.0000	50
75 1,2-Diphenylhydrazine	77	7.528	7.528	(0.910)	1457562	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.598	7.598	(1.114)	176947	50.0000	50
50 4-Bromophenyl-phenylether	248	7.845	7.845	(0.949)	307620	50.0000	50
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	334910	50.0000	50
112 Atrazine	200	8.028	8.028	(0.971)	249635	50.0000	50
14 Pentachlorophenol	266	8.104	8.104	(0.980)	178933	50.0000	50
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	1001558	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.004)	1492294	50.0000	50
53 Anthracene	178	8.345	8.345	(1.009)	1504332	50.0000	50
54 Carbazole	167	8.510	8.510	(1.029)	1208057	50.0000	50
55 Di-n-butylphthalate	149	8.875	8.875	(1.073)	1624505	50.0000	50
56 Fluoranthene	202	9.451	9.451	(1.143)	1233704	50.0000	50
58 Benzidine	184	9.592	9.592	(1.160)	169235	50.0000	50
57 Pyrene	202	9.669	9.669	(0.886)	1192748	50.0000	50
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	826057	50.0000	50
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	524634	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.416	10.416	(0.955)	1236	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	249153	50.0000	50
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	799553	50.0000	50
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	537430	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	688118	50.0000	50
62 Chrysene	228	10.939	10.939	(1.003)	783958	50.0000	50
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	940721	50.0000	50
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	554622	50.0000	50
66 Benzo(k)fluoranthene	252	12.216	12.216	(0.965)	628548	50.0000	50
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	456563	50.0000	50
* 84 Perylene-d12	264	12.663	12.663	(1.000)	367293	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.033	14.033	(1.108)	388966	50.0000	50
69 Dibenz(a,h)anthracene	278	14.068	14.068	(1.111)	404858	50.0000	50
70 Benzo(g,h,i)perylene	276	14.374	14.374	(1.135)	403162	50.0000	50

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z10238.d

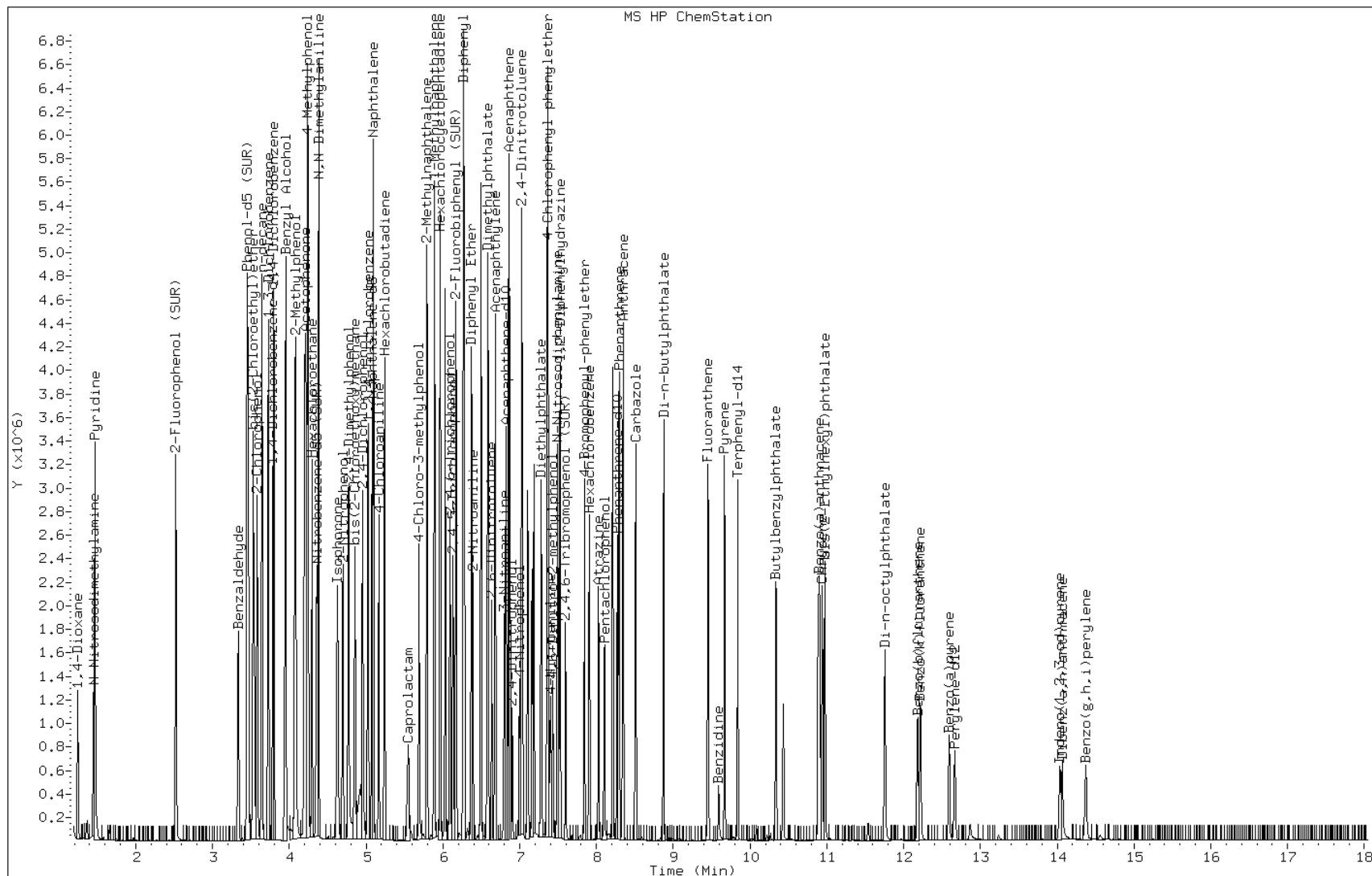
Date: 26-SEP-2011 10:59

Client ID:

Instrument: BNAMS11.i

Sample Info: ICIS-1143618

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Lab Smp Id: IC-1143620
 Inj Date : 26-SEP-2011 11:35
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120 ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.316	1.316 (0.347)	886164	120.000	120(H)		
19 N-Nitrosodimethylamine	74	1.557	1.557 (0.411)	1142855	120.000	120(H)		
71 Pyridine	79	1.581	1.581 (0.417)	2013239	120.000	110(H)		
\$ 16 2-Fluorophenol (SUR)	112	2.575	2.575 (0.679)	1790945	120.000	110		
110 Benzaldehyde	77	3.351	3.351 (0.884)	62278	120.000	9.5		
\$ 17 Phenol-d5 (SUR)	99	3.487	3.487 (0.919)	2219747	120.000	120		
1 Phenol	94	3.498	3.498 (0.922)	2386994	120.000	120		
73 Aniline	93	3.475	3.475 (0.916)	2428713	120.000	110		
20 bis(2-Chloroethyl)ether	93	3.557	3.557 (0.938)	2036322	120.000	130(A)		
2 2-Chlorophenol	128	3.604	3.604 (0.950)	1826753	120.000	110		
113 n-decane	43	3.657	3.657 (0.964)	1615879	120.000	110		
21 1,3-Dichlorobenzene	146	3.745	3.745 (0.988)	2308014	120.000	120(A)		
* 79 1,4-Dichlorobenzene-d4	152	3.792	3.792 (1.000)	465129	40.0000			
22 1,4-Dichlorobenzene	146	3.816	3.816 (1.006)	2343818	120.000	120(A)		
74 Benzyl Alcohol	108	3.969	3.969 (1.047)	1059687	120.000	120(A)		

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.963	3.963	(1.045)	2161379	120.000	120(A)
3 2-Methylphenol	108	4.098	4.098	(1.081)	1549068	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.087	4.087	(1.078)	1743351	120.000	100
122 o-Toluidine	107	4.210	4.210	(1.110)	2172787	120.000	120(A)
104 Acetophenone	105	4.234	4.234	(1.116)	2479860	120.000	120
4 4-Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
121 3 & 4 Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.251	4.251	(1.121)	1184362	120.000	120(M)
26 Hexachloroethane	117	4.304	4.304	(1.135)	873482	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	4.381	4.381	(0.862)	1925980	120.000	120
107 N,N-Dimethylaniline	120	4.404	4.404	(1.161)	2832313	120.000	130(A)
27 Nitrobenzene	77	4.404	4.404	(0.867)	2577331	120.000	120
28 Isophorone	82	4.651	4.651	(0.915)	2862375	120.000	110
5 2-Nitrophenol	139	4.710	4.710	(0.927)	958997	120.000	120
6 2,4-Dimethylphenol	122	4.787	4.787	(0.942)	1417926	120.000	120
29 bis(2-Chloroethoxy)methane	93	4.869	4.869	(0.958)	1816763	120.000	120
7 2,4-Dichlorophenol	162	4.969	4.969	(0.978)	1278402	120.000	120
30 1,2,4-Trichlorobenzene	180	5.034	5.034	(0.991)	1527825	120.000	120
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1595601	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	5424793	120.000	120(A)
32 4-Chloroaniline	127	5.175	5.175	(1.019)	1803635	120.000	120
33 Hexachlorobutadiene	225	5.245	5.245	(1.032)	918416	120.000	120
111 Caprolactam	113	5.616	5.616	(1.105)	378384	120.000	110(H)
8 4-Chloro-3-methylphenol	107	5.710	5.710	(1.124)	1269108	120.000	110
34 2-Methylnaphthalene	142	5.804	5.804	(1.142)	3193526	120.000	120(A)
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	3233479	120.000	120(A)
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	805045	120.000	130(A)
9 2,4,6-Trichlorophenol	196	6.104	6.104	(0.894)	830378	120.000	120(A)
10 2,4,5-Trichlorophenol	196	6.151	6.151	(0.901)	827164	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.181	(0.905)	3206524	120.000	120(A)
102 Diphenyl	154	6.275	6.275	(0.919)	3750742	120.000	120(A)
36 2-Chloronaphthalene	162	6.286	6.286	(0.921)	2667503	120.000	120(A)
103 Diphenyl Ether	170	6.381	6.381	(0.935)	1901546	120.000	120(A)
37 2-Nitroaniline	65	6.404	6.404	(0.938)	753333	120.000	100
38 Dimethylphthalate	163	6.598	6.598	(0.966)	2652428	120.000	120
114 Coumarin	146	6.610	6.610	(1.301)	908943	120.000	120
40 2,6-Dinitrotoluene	165	6.651	6.651	(0.974)	611619	120.000	120(A)
39 Acenaphthylene	152	6.692	6.692	(0.980)	4118590	120.000	120
41 3-Nitroaniline	138	6.816	6.816	(0.998)	636630	120.000	120
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	733022	40.0000	
42 Acenaphthene	154	6.869	6.869	(1.006)	2629491	120.000	120(A)
11 2,4-Dinitrophenol	184	6.922	6.922	(1.014)	346000	120.000	140(A)
12 4-Nitrophenol	65	7.022	7.022	(1.028)	500069	120.000	120
44 2,4-Dinitrotoluene	165	7.057	7.057	(1.034)	763995	120.000	120
43 Dibenzofuran	168	7.039	7.039	(1.031)	3502965	120.000	120(A)
45 Diethylphthalate	149	7.292	7.292	(1.068)	2665938	120.000	120
46 4-Chlorophenyl-phenylether	204	7.381	7.381	(1.081)	1292901	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.375	7.375	(1.080)	2830301	120.000	120(A)
48 4-Nitroaniline	138	7.428	7.428	(1.088)	510687	120.000	110
13 4,6-Dinitro-2-methylphenol	198	7.451	7.451	(0.900)	391409	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.504	7.504	(0.906)	1787644	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.539	7.539	(0.910)	3427846	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.610	7.610	(1.115)	405740	120.000	120
50 4-Bromophenyl-phenylether	248	7.857	7.857	(0.949)	717403	120.000	130(A)
51 Hexachlorobenzene	284	7.916	7.916	(0.956)	769184	120.000	120(A)
112 Atrazine	200	8.045	8.045	(0.972)	525844	120.000	110
14 Pentachlorophenol	266	8.110	8.110	(0.979)	418541	120.000	130(A)
* 83 Phenanthrene-d10	188	8.280	8.280	(1.000)	923671	40.0000	
52 Phenanthrene	178	8.304	8.304	(1.003)	3308767	120.000	120(A)
53 Anthracene	178	8.357	8.357	(1.009)	3345786	120.000	120(A)
54 Carbazole	167	8.522	8.522	(1.029)	2603125	120.000	120
55 Di-n-butylphthalate	149	8.880	8.880	(1.072)	3606495	120.000	120(A)
56 Fluoranthene	202	9.463	9.463	(1.143)	2631857	120.000	120
58 Benzidine	184	9.604	9.604	(1.160)	88101	120.000	37
57 Pyrene	202	9.680	9.680	(0.887)	2525196	120.000	120(A)
\$ 78 Terphenyl-d14	244	9.845	9.845	(0.902)	1785502	120.000	130(A)
59 Butylbenzylphthalate	149	10.345	10.345	(0.948)	1105141	120.000	120(A)
60 3,3'-Dichlorobenzidine	252	10.892	10.892	(0.998)	422534	120.000	100(A)
61 Benzo(a)anthracene	228	10.904	10.904	(0.999)	1683048	120.000	110
* 81 Chrysene-d12	240	10.916	10.916	(1.000)	463311	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.980	10.980	(1.006)	1510080	120.000	130(A)
62 Chrysene	228	10.951	10.951	(1.003)	1482361	120.000	110
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1981094	120.000	120(A)
65 Benzo(b)fluoranthene	252	12.198	12.198	(0.963)	1166787	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.233	12.233	(0.966)	1234983	120.000	120
67 Benzo(a)pyrene	252	12.604	12.604	(0.995)	943301	120.000	120(A)
* 84 Perylene-d12	264	12.668	12.668	(1.000)	317549	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.051	14.051	(1.109)	839304	120.000	130(A)
69 Dibenz(a,h)anthracene	278	14.080	14.080	(1.111)	864546	120.000	130(A)
70 Benzo(g,h,i)perylene	276	14.386	14.386	(1.136)	863808	120.000	130(A)

QC Flag Legend

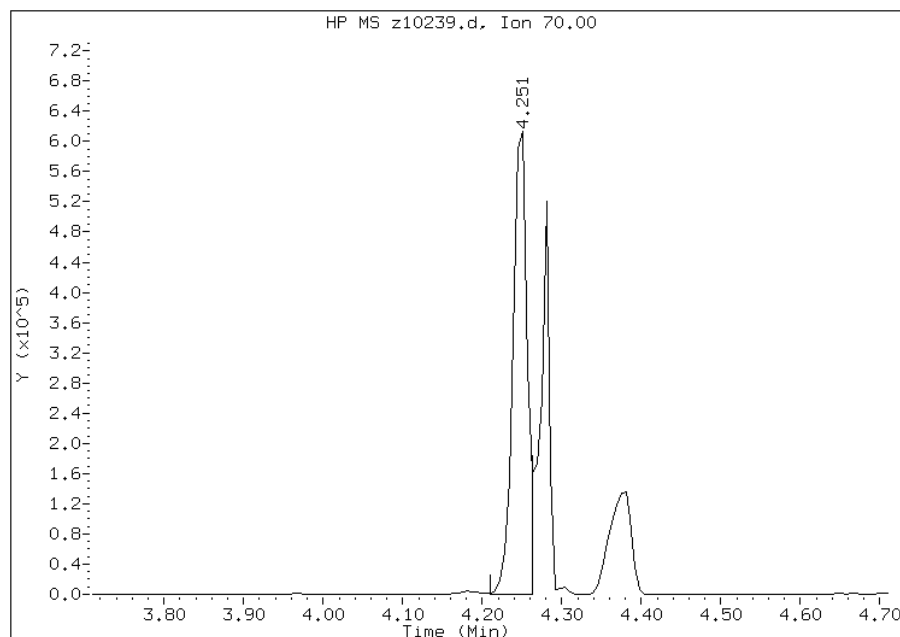
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z10239.d
Inj. Date and Time: 26-SEP-2011 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

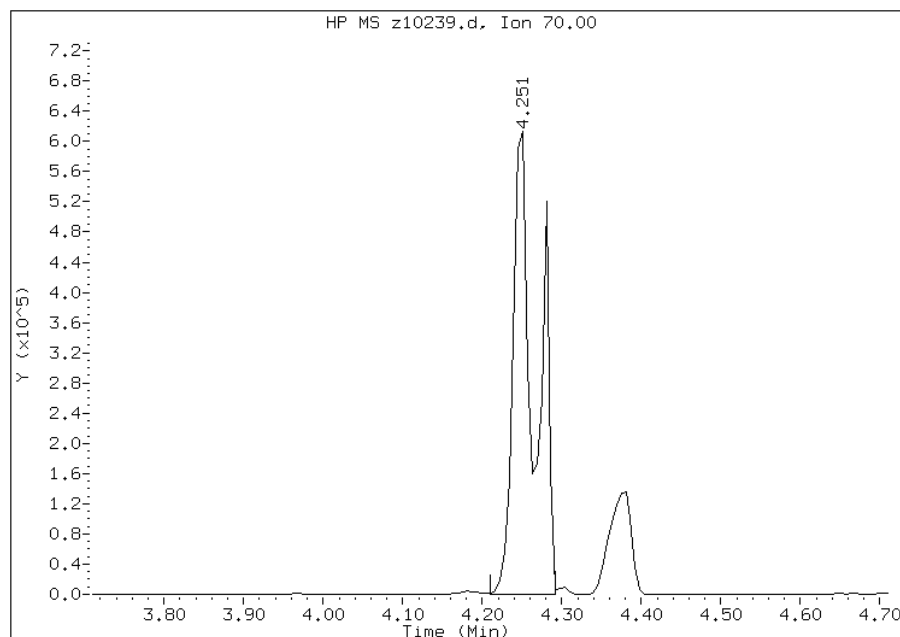
Processing Integration Results

RT: 4.25
Response: 790220
Amount: 87
Conc: 87



Manual Integration Results

RT: 4.25
Response: 1184362
Amount: 117
Conc: 117



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Lab Smp Id: IC-1143607
 Inj Date : 26-SEP-2011 12:00
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 1

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88		1.258	1.258	(0.333)	39549	5.00000	5.0(H)
19 N-Nitrosodimethylamine	74		1.452	1.452	(0.384)	49966	5.00000	5.0(H)
71 Pyridine	79		1.481	1.481	(0.392)	93008	5.00000	5.1(H)
\$ 16 2-Fluorophenol (SUR)	112		2.522	2.522	(0.667)	84110	5.00000	5.2(H)
110 Benzaldehyde	77		3.328	3.328	(0.880)	60180	5.00000	8.8
\$ 17 Phenol-d5 (SUR)	99		3.434	3.434	(0.908)	100512	5.00000	5.2(H)
1 Phenol	94		3.446	3.446	(0.911)	117001	5.00000	5.5
73 Aniline	93		3.446	3.446	(0.911)	119397	5.00000	5.2
20 bis(2-Chloroethyl)ether	93		3.516	3.516	(0.930)	7776	0.50000	0.47(aH)
2 2-Chlorophenol	128		3.569	3.569	(0.944)	91266	5.00000	5.4
113 n-decane	43		3.640	3.640	(0.963)	85265	5.00000	5.5
21 1,3-Dichlorobenzene	146		3.722	3.722	(0.984)	96901	5.00000	4.9(a)
* 79 1,4-Dichlorobenzene-d4	152		3.781	3.781	(1.000)	481230	40.0000	
22 1,4-Dichlorobenzene	146		3.793	3.793	(1.003)	97227	5.00000	4.9(a)
74 Benzyl Alcohol	108		3.928	3.928	(1.039)	45178	5.00000	5.1(H)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	91131	5.00000	5.0
3 2-Methylphenol	108	4.063	4.063	(1.075)	74829	5.00000	5.3
24 bis (2-chloroisopropyl) ether	45	4.069	4.069	(1.076)	98302	5.00000	5.7
122 o-Toluidine	107	4.187	4.187	(1.107)	93078	5.00000	5.0
104 Acetophenone	105	4.193	4.193	(1.109)	116638	5.00000	5.3(H)
4 4-Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
121 3 & 4 Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
25 N-Nitroso-di-n-propylamine	70	4.204	4.204	(1.112)	5481	0.50000	0.52
26 Hexachloroethane	117	4.293	4.293	(1.135)	3902	0.50000	0.51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.856)	89981	5.00000	5.0(H)
107 N,N-Dimethylaniline	120	4.369	4.369	(1.156)	9743	0.50000	0.43(aH)
27 Nitrobenzene	77	4.363	4.363	(0.861)	11214	0.50000	0.47(a)
28 Isophorone	82	4.610	4.610	(0.909)	142272	5.00000	5.2
5 2-Nitrophenol	139	4.687	4.687	(0.925)	44932	5.00000	5.1
6 2,4-Dimethylphenol	122	4.757	4.757	(0.938)	70927	5.00000	5.3
29 bis(2-Chloroethoxy)methane	93	4.846	4.846	(0.956)	86283	5.00000	5.1
7 2,4-Dichlorophenol	162	4.940	4.940	(0.974)	60414	5.00000	5.1
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.991)	7238	0.50000	0.51
* 80 Naphthalene-d8	136	5.069	5.069	(1.000)	1758612	40.0000	
31 Naphthalene	128	5.087	5.087	(1.003)	234424	5.00000	4.8(a)
32 4-Chloroaniline	127	5.157	5.157	(1.017)	86585	5.00000	5.1
33 Hexachlorobutadiene	225	5.234	5.234	(1.032)	8776	1.00000	1.0
111 Caprolactam	113	5.481	5.481	(1.081)	19913	5.00000	5.5(H)
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.119)	63707	5.00000	5.2
34 2-Methylnaphthalene	142	5.787	5.787	(1.142)	142721	5.00000	4.9(a)
120 1-Methylnaphthalene	142	5.887	5.887	(1.161)	146432	5.00000	4.9(a)
35 Hexachlorocyclopentadiene	237	5.957	5.957	(0.873)	31840	5.00000	4.4(a)
9 2,4,6-Trichlorophenol	196	6.081	6.081	(0.891)	39632	5.00000	5.0
10 2,4,5-Trichlorophenol	196	6.122	6.122	(0.897)	41299	5.00000	5.1
\$ 77 2-Fluorobiphenyl (SUR)	172	6.163	6.163	(0.903)	144501	5.00000	4.8(a)
102 Diphenyl	154	6.257	6.257	(0.917)	178086	5.00000	5.0
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	124829	5.00000	4.9(a)
103 Diphenyl Ether	170	6.363	6.363	(0.933)	89063	5.00000	4.9(a)
37 2-Nitroaniline	65	6.381	6.381	(0.935)	91479	10.0000	11
38 Dimethylphthalate	163	6.575	6.575	(0.964)	129684	5.00000	5.0
114 Coumarin	146	6.575	6.575	(1.297)	44255	5.00000	5.2
40 2,6-Dinitrotoluene	165	6.622	6.622	(0.971)	5706	1.00000	0.98(a)
39 Acenaphthylene	152	6.675	6.675	(0.978)	202418	5.00000	5.0
41 3-Nitroaniline	138	6.787	6.787	(0.995)	63711	10.0000	10
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	842802	40.0000	
42 Acenaphthene	154	6.845	6.845	(1.003)	117719	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	6.892	6.892	(1.010)	34052	15.0000	12(a)
12 4-Nitrophenol	65	6.987	6.987	(1.024)	75240	15.0000	15(H)
44 2,4-Dinitrotoluene	165	7.022	7.022	(1.029)	7682	1.00000	1.0
43 Dibenzofuran	168	7.016	7.016	(1.028)	161802	5.00000	4.9(a)
45 Diethylphthalate	149	7.269	7.269	(1.066)	135596	5.00000	5.2
46 4-Chlorophenyl-phenylether	204	7.363	7.363	(1.079)	61463	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.351	7.351	(1.078)	129285	5.00000	4.8(a)
48 4-Nitroaniline	138	7.381	7.381	(1.082)	59715	10.0000	11(H)
13 4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.898)	50149	15.0000	13(a)
49 N-Nitrosodiphenylamine	169	7.481	7.481	(0.905)	93882	5.00000	5.0
75 1,2-Diphenylhydrazine	77	7.516	7.516	(0.909)	135309	5.00000	4.1(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.113)	19659	5.00000	5.0
50 4-Bromophenyl-phenylether	248	7.839	7.839	(0.948)	34880	5.00000	4.8(a)
51 Hexachlorobenzene	284	7.898	7.898	(0.955)	3777	0.50000	0.48(a)
112 Atrazine	200	8.016	8.016	(0.969)	32541	5.00000	5.4
14 Pentachlorophenol	266	8.098	8.098	(0.979)	55883	15.0000	13(a)
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	1188513	40.0000	
52 Phenanthrene	178	8.292	8.292	(1.003)	167466	5.00000	4.8(a)
53 Anthracene	178	8.339	8.339	(1.009)	169348	5.00000	4.8(a)
54 Carbazole	167	8.504	8.504	(1.028)	145870	5.00000	5.1
55 Di-n-butylphthalate	149	8.869	8.869	(1.073)	191104	5.00000	5.0
56 Fluoranthene	202	9.445	9.445	(1.142)	146240	5.00000	5.0
58 Benzidine	184	9.592	9.592	(1.160)	41134	10.0000	14
57 Pyrene	202	9.663	9.663	(0.886)	145925	5.00000	4.7(a)
\$ 78 Terphenyl-d14	244	9.833	9.833	(0.902)	99930	5.00000	4.6(a)
59 Butylbenzylphthalate	149	10.333	10.333	(0.948)	68264	5.00000	4.9(a)
60 3,3'-Dichlorobenzidine	252	10.880	10.880	(0.998)	70373	10.0000	11
61 Benzo(a)anthracene	228	10.892	10.892	(0.999)	13322	0.50000	0.57
* 81 Chrysene-d12	240	10.904	10.904	(1.000)	717143	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.975	10.975	(1.006)	87793	5.00000	4.8(a)
62 Chrysene	228	10.933	10.933	(1.003)	101423	5.00000	5.0
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	124738	5.00000	4.6(a)
65 Benzo(b)fluoranthene	252	12.175	12.175	(0.961)	7936	0.50000	0.49(aH)
66 Benzo(k)fluoranthene	252	12.210	12.210	(0.964)	9094	0.50000	0.50
67 Benzo(a)pyrene	252	12.586	12.586	(0.994)	6369	0.50000	0.48(a)
* 84 Perylene-d12	264	12.663	12.663	(1.000)	539191	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.027	14.027	(1.108)	4435	0.50000	0.41(aH)
69 Dibenz(a,h)anthracene	278	14.057	14.057	(1.110)	4610	0.50000	0.41(a)
70 Benzo(g,h,i)perylene	276	14.363	14.363	(1.134)	50736	5.00000	4.4(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Lab Smp Id: IC-1143619
 Inj Date : 26-SEP-2011 12:25
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 4

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000/Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.263	1.263	(0.334)	575682	80.0000	80
19 N-Nitrosodimethylamine		74	1.493	1.493	(0.394)	731326	80.0000	80(M)
71 Pyridine		79	1.516	1.516	(0.400)	1280897	80.0000	77
\$ 16 2-Fluorophenol (SUR)		112	2.545	2.545	(0.672)	1111873	80.0000	74
110 Benzaldehyde		77	3.340	3.340	(0.882)	163193	80.0000	31
\$ 17 Phenol-d5 (SUR)		99	3.469	3.469	(0.916)	1352900	80.0000	76
1 Phenol		94	3.481	3.481	(0.919)	1450023	80.0000	75
73 Aniline		93	3.463	3.463	(0.915)	1641906	80.0000	78
20 bis(2-Chloroethyl)ether		93	3.540	3.540	(0.935)	1166160	80.0000	78
2 2-Chlorophenol		128	3.592	3.592	(0.949)	1170003	80.0000	76
113 n-decane		43	3.651	3.651	(0.964)	1061101	80.0000	75
21 1,3-Dichlorobenzene		146	3.734	3.734	(0.986)	1445653	80.0000	81
* 79 1,4-Dichlorobenzene-d4		152	3.787	3.787	(1.000)	442724	40.0000	
22 1,4-Dichlorobenzene		146	3.804	3.804	(1.005)	1463380	80.0000	80
74 Benzyl Alcohol		108	3.957	3.957	(1.045)	699204	80.0000	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.957	3.957	(1.045)	1370485	80.0000	81
3 2-Methylphenol	108	4.087	4.087	(1.079)	974961	80.0000	76
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.078)	1150285	80.0000	74
122 o-Toluidine	107	4.204	4.204	(1.110)	1312826	80.0000	77
104 Acetophenone	105	4.222	4.222	(1.115)	1551924	80.0000	77
4 4-Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
121 3 & 4 Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
25 N-Nitroso-di-n-propylamine	70	4.234	4.234	(1.118)	761761	80.0000	79(M)
26 Hexachloroethane	117	4.298	4.298	(1.135)	559925	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.369	4.369	(0.860)	1228125	80.0000	79
107 N,N-Dimethylaniline	120	4.392	4.392	(1.160)	1784095	80.0000	83
27 Nitrobenzene	77	4.392	4.392	(0.865)	1671209	80.0000	81
28 Isophorone	82	4.634	4.634	(0.912)	1812615	80.0000	77
5 2-Nitrophenol	139	4.704	4.704	(0.926)	595639	80.0000	79
6 2,4-Dimethylphenol	122	4.781	4.781	(0.941)	906400	80.0000	78
29 bis(2-Chloroethoxy)methane	93	4.863	4.863	(0.957)	1159706	80.0000	79
7 2,4-Dichlorophenol	162	4.957	4.957	(0.976)	801792	80.0000	78
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.990)	963773	80.0000	80
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1523775	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	3421328	80.0000	82
32 4-Chloroaniline	127	5.169	5.169	(1.017)	1158732	80.0000	79
33 Hexachlorobutadiene	225	5.239	5.239	(1.031)	587162	80.0000	80
111 Caprolactam	113	5.581	5.581	(1.098)	226248	80.0000	73(H)
8 4-Chloro-3-methylphenol	107	5.698	5.698	(1.122)	810513	80.0000	77
34 2-Methylnaphthalene	142	5.798	5.798	(1.141)	2013641	80.0000	81
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	2055962	80.0000	80
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	499374	80.0000	84
9 2,4,6-Trichlorophenol	196	6.098	6.098	(0.893)	499099	80.0000	79
10 2,4,5-Trichlorophenol	196	6.139	6.139	(0.899)	491883	80.0000	77
\$ 77 2-Fluorobiphenyl (SUR)	172	6.175	6.175	(0.904)	2005235	80.0000	82
102 Diphenyl	154	6.269	6.269	(0.918)	2396190	80.0000	83
36 2-Chloronaphthalene	162	6.281	6.281	(0.920)	1679713	80.0000	82
103 Diphenyl Ether	170	6.375	6.375	(0.934)	1186617	80.0000	82
37 2-Nitroaniline	65	6.398	6.398	(0.937)	495621	80.0000	73(H)
38 Dimethylphthalate	163	6.592	6.592	(0.966)	1649066	80.0000	80
114 Coumarin	146	6.598	6.598	(1.299)	558775	80.0000	77
40 2,6-Dinitrotoluene	165	6.645	6.645	(0.973)	380257	80.0000	81
39 Acenaphthylene	152	6.686	6.686	(0.979)	2572159	80.0000	80
41 3-Nitroaniline	138	6.804	6.804	(0.997)	394873	80.0000	79
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	679392	40.0000	
42 Acenaphthene	154	6.863	6.863	(1.005)	1667752	80.0000	84
11 2,4-Dinitrophenol	184	6.910	6.910	(1.012)	210038	80.0000	88
12 4-Nitrophenol	65	7.010	7.010	(1.027)	303627	80.0000	78
44 2,4-Dinitrotoluene	165	7.045	7.045	(1.032)	477790	80.0000	80
43 Dibenzofuran	168	7.028	7.028	(1.029)	2209510	80.0000	82
45 Diethylphthalate	149	7.286	7.286	(1.067)	1678563	80.0000	80
46 4-Chlorophenyl-phenylether	204	7.375	7.375	(1.080)	814577	80.0000	83

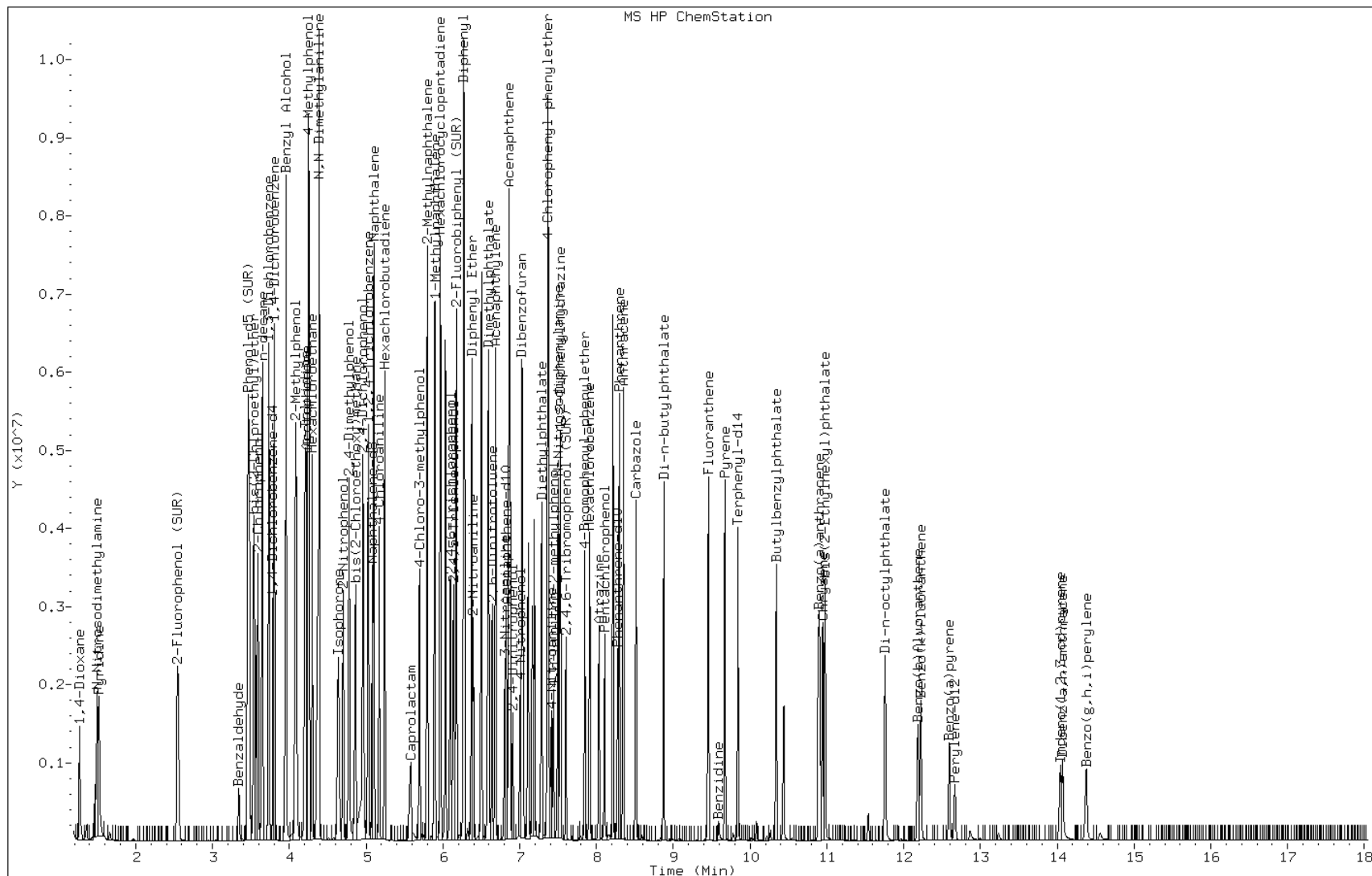
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.369	7.369	(1.079)	1781829	80.0000	82
48 4-Nitroaniline	138	7.410	7.410	(1.085)	321240	80.0000	76(H)
13 4,6-Dinitro-2-methylphenol	198	7.439	7.439	(0.899)	242376	80.0000	83
49 N-Nitrosodiphenylamine	169	7.498	7.498	(0.906)	1127131	80.0000	82
75 1,2-Diphenylhydrazine	77	7.527	7.527	(0.910)	2048547	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.604	7.604	(1.114)	253515	80.0000	80
50 4-Bromophenyl-phenylether	248	7.851	7.851	(0.949)	448473	80.0000	82
51 Hexachlorobenzene	284	7.910	7.910	(0.956)	484806	80.0000	81
112 Atrazine	200	8.033	8.033	(0.971)	356221	80.0000	78
14 Pentachlorophenol	266	8.104	8.104	(0.979)	265821	80.0000	84
* 83 Phenanthrene-d10	188	8.275	8.275	(1.000)	895259	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.003)	2084154	80.0000	80
53 Anthracene	178	8.351	8.351	(1.009)	2117856	80.0000	80
54 Carbazole	167	8.516	8.516	(1.029)	1681676	80.0000	79
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	2365459	80.0000	82
56 Fluoranthene	202	9.457	9.457	(1.143)	1759867	80.0000	81
58 Benzidine	184	9.598	9.598	(1.160)	82227	80.0000	34
57 Pyrene	202	9.674	9.674	(0.887)	1690783	80.0000	79
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	1235832	80.0000	82
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	795690	80.0000	82
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	321234	80.0000	74
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	1183448	80.0000	76
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	502697	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	1098280	80.0000	84
62 Chrysene	228	10.945	10.945	(1.003)	1124321	80.0000	80
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1485433	80.0000	84
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	858074	80.0000	82
66 Benzo(k)fluoranthene	252	12.221	12.221	(0.965)	930503	80.0000	80
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	691674	80.0000	82
* 84 Perylene-d12	264	12.668	12.668	(1.000)	350676	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.039	14.039	(1.108)	621458	80.0000	89
69 Dibenz(a,h)anthracene	278	14.074	14.074	(1.111)	626513	80.0000	86
70 Benzo(g,h,i)perylene	276	14.380	14.380	(1.135)	637516	80.0000	85

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Operator: BNAMS 4

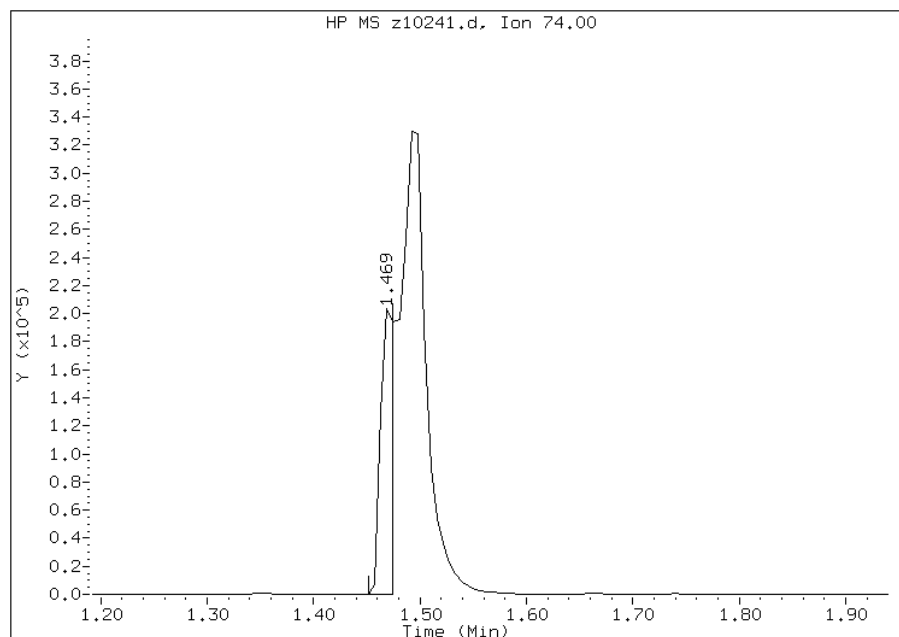


Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 09/28/2011

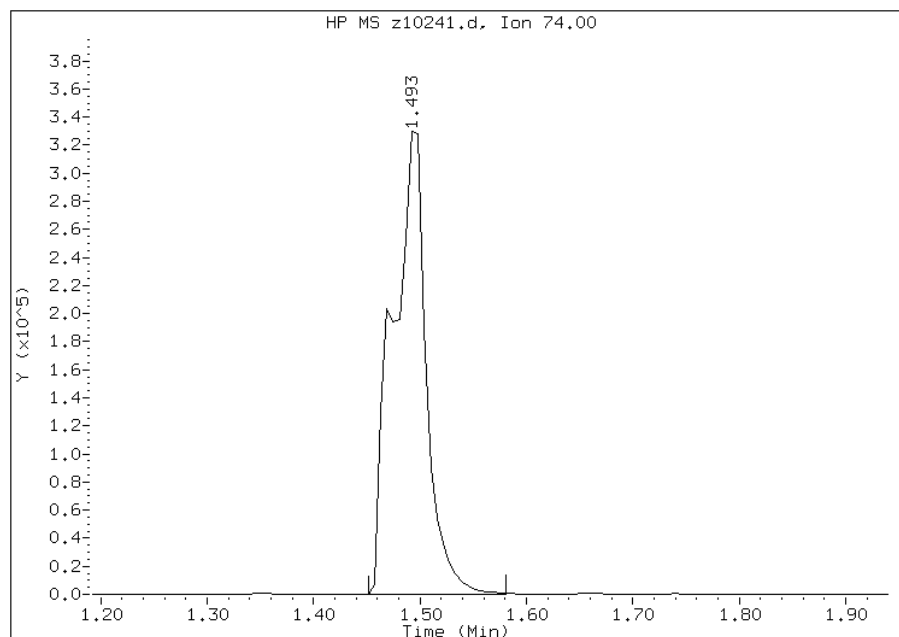
Processing Integration Results

RT: 1.47
Response: 188529
Amount: 25
Conc: 25



Manual Integration Results

RT: 1.49
Response: 731326
Amount: 80
Conc: 80



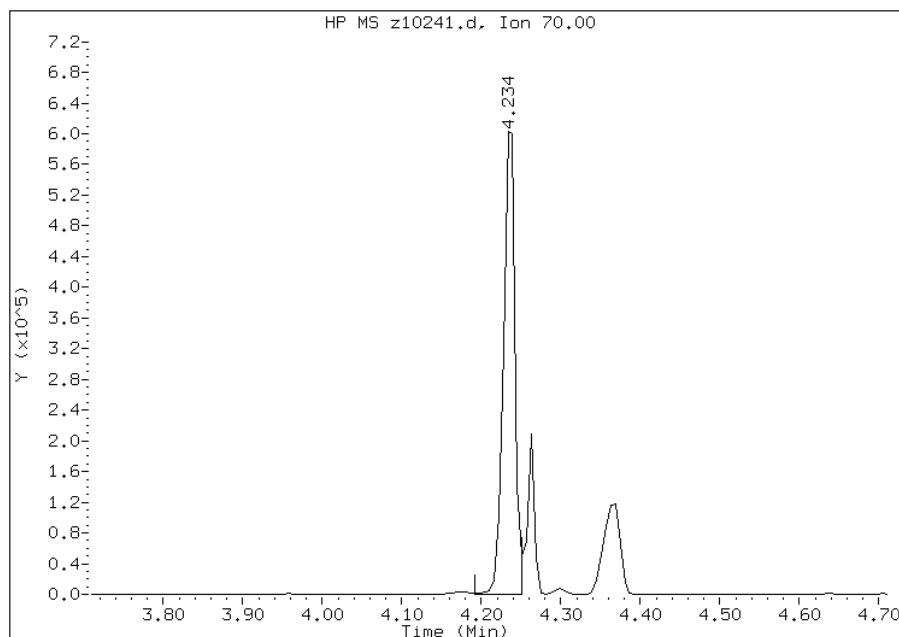
Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

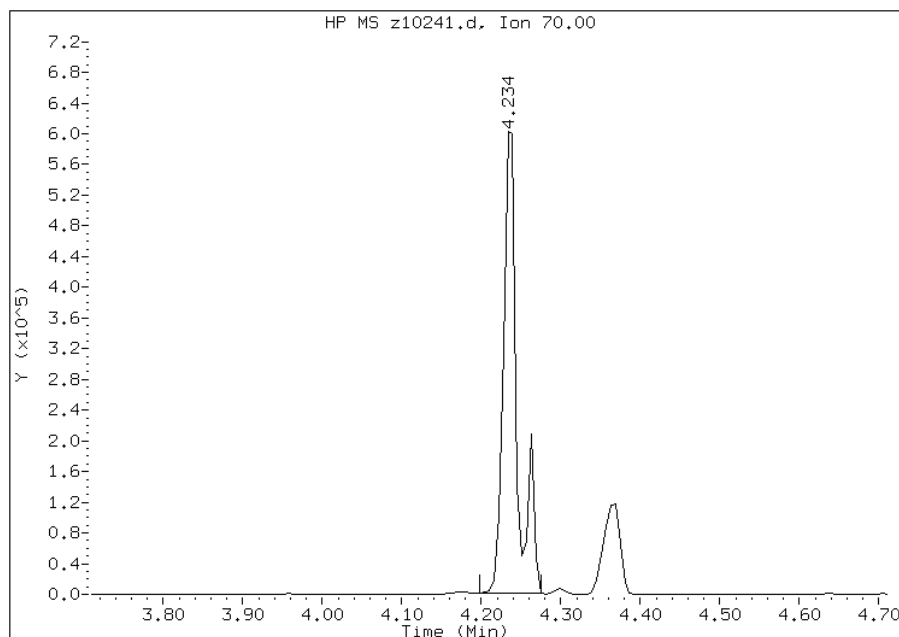
Processing Integration Results

RT: 4.23
Response: 650978
Amount: 70
Conc: 70



Manual Integration Results

RT: 4.23
Response: 761761
Amount: 79
Conc: 79



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Lab Smp Id: IC-1143617
 Inj Date : 26-SEP-2011 12:50
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.240	1.240	(0.328)	146923	20.0000	20
19 N-Nitrosodimethylamine		74	1.440	1.440	(0.381)	192276	20.0000	20
71 Pyridine		79	1.469	1.469	(0.389)	357490	20.0000	21(H)
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522	(0.667)	338660	20.0000	22
110 Benzaldehyde		77	3.328	3.328	(0.880)	108891	20.0000	20
\$ 17 Phenol-d5 (SUR)		99	3.440	3.440	(0.910)	388322	20.0000	21
1 Phenol		94	3.451	3.451	(0.913)	406795	20.0000	20
73 Aniline		93	3.445	3.445	(0.911)	449234	20.0000	20
20 bis(2-Chloroethyl)ether		93	3.522	3.522	(0.932)	299892	20.0000	19
2 2-Chlorophenol		128	3.569	3.569	(0.944)	330506	20.0000	21
113 n-decane		43	3.640	3.640	(0.963)	313830	20.0000	21
21 1,3-Dichlorobenzene		146	3.722	3.722	(0.984)	360605	20.0000	19
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781	(1.000)	461263	40.0000	
22 1,4-Dichlorobenzene		146	3.798	3.798	(1.005)	366504	20.0000	19
74 Benzyl Alcohol		108	3.934	3.934	(1.040)	183784	20.0000	21

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	339331	20.0000	19
3 2-Methylphenol	108	4.069	4.069	(1.076)	267751	20.0000	20
24 bis (2-chloroisopropyl) ether	45	4.075	4.075	(1.078)	337918	20.0000	21
122 o-Toluidine	107	4.192	4.192	(1.109)	357891	20.0000	20
104 Acetophenone	105	4.198	4.198	(1.110)	425685	20.0000	20(H)
4 4-Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
121 3 & 4 Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
25 N-Nitroso-di-n-propylamine	70	4.210	4.210	(1.114)	202965	20.0000	20
26 Hexachloroethane	117	4.292	4.292	(1.135)	143034	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.345	(0.856)	345097	20.0000	20
107 N,N-Dimethylaniline	120	4.375	4.375	(1.157)	464131	20.0000	21
27 Nitrobenzene	77	4.369	4.369	(0.861)	451006	20.0000	20
28 Isophorone	82	4.616	4.616	(0.910)	508998	20.0000	20
5 2-Nitrophenol	139	4.692	4.692	(0.925)	159377	20.0000	20
6 2,4-Dimethylphenol	122	4.763	4.763	(0.939)	255648	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.851	4.851	(0.956)	307431	20.0000	19
7 2,4-Dichlorophenol	162	4.945	4.945	(0.974)	219774	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.990)	251330	20.0000	19
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1648893	40.0000	
31 Naphthalene	128	5.092	5.092	(1.003)	861322	20.0000	19
32 4-Chloroaniline	127	5.163	5.163	(1.017)	311012	20.0000	20
33 Hexachlorobutadiene	225	5.234	5.234	(1.031)	154376	20.0000	19
111 Caprolactam	113	5.516	5.516	(1.087)	68689	20.0000	20
8 4-Chloro-3-methylphenol	107	5.681	5.681	(1.119)	228816	20.0000	20
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	511123	20.0000	19
120 1-Methylnaphthalene	142	5.886	5.886	(1.160)	541525	20.0000	20
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	127692	20.0000	19
9 2,4,6-Trichlorophenol	196	6.086	6.086	(0.892)	138594	20.0000	20
10 2,4,5-Trichlorophenol	196	6.128	6.128	(0.898)	145067	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	548566	20.0000	20
102 Diphenyl	154	6.263	6.263	(0.918)	625550	20.0000	19
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	440816	20.0000	19
103 Diphenyl Ether	170	6.369	6.369	(0.934)	311896	20.0000	19
37 2-Nitroaniline	65	6.386	6.386	(0.936)	170980	20.0000	23
38 Dimethylphthalate	163	6.581	6.581	(0.965)	441674	20.0000	19
114 Coumarin	146	6.581	6.581	(1.297)	153636	20.0000	20
40 2,6-Dinitrotoluene	165	6.628	6.628	(0.972)	101888	20.0000	19
39 Acenaphthylene	152	6.675	6.675	(0.978)	702295	20.0000	20
41 3-Nitroaniline	138	6.792	6.792	(0.996)	106940	20.0000	19
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	758667	40.0000	
42 Acenaphthene	154	6.851	6.851	(1.004)	424019	20.0000	19
11 2,4-Dinitrophenol	184	6.898	6.898	(1.011)	75970	30.0000	28
12 4-Nitrophenol	65	6.992	6.992	(1.025)	127312	30.0000	29
44 2,4-Dinitrotoluene	165	7.028	7.028	(1.030)	128478	20.0000	19
43 Dibenzofuran	168	7.022	7.022	(1.029)	575294	20.0000	19
45 Diethylphthalate	149	7.275	7.275	(1.066)	452350	20.0000	19
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	207393	20.0000	19

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.357	7.357	(1.078)	458420	20.0000	19
48 4-Nitroaniline	138	7.386	7.386	(1.083)	93830	20.0000	20(H)
13 4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.898)	96922	30.0000	30
49 N-Nitrosodiphenylamine	169	7.486	7.486	(0.905)	278497	20.0000	18
75 1,2-Diphenylhydrazine	77	7.522	7.522	(0.910)	550877	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.113)	69969	20.0000	20
50 4-Bromophenyl-phenylether	248	7.839	7.839	(0.948)	117201	20.0000	19
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	128666	20.0000	20
112 Atrazine	200	8.022	8.022	(0.970)	104433	20.0000	21
14 Pentachlorophenol	266	8.098	8.098	(0.979)	105887	30.0000	30
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	991854	40.0000	
52 Phenanthrene	178	8.292	8.292	(1.003)	558802	20.0000	19
53 Anthracene	178	8.339	8.339	(1.009)	568674	20.0000	20
54 Carbazole	167	8.504	8.504	(1.028)	456260	20.0000	19
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	631093	20.0000	20
56 Fluoranthene	202	9.451	9.451	(1.143)	471488	20.0000	20
58 Benzidine	184	9.592	9.592	(1.160)	143696	30.0000	53
57 Pyrene	202	9.669	9.669	(0.886)	457501	20.0000	18
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	340060	20.0000	19
59 Butylbenzylphthalate	149	10.333	10.333	(0.947)	217855	20.0000	19
60 3,3'-Dichlorobenzidine	252	10.880	10.880	(0.997)	150156	30.0000	30
61 Benzo(a)anthracene	228	10.892	10.892	(0.998)	336541	20.0000	18
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	586240	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	295605	20.0000	19
62 Chrysene	228	10.933	10.933	(1.002)	323952	20.0000	20
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	417956	20.0000	20
65 Benzo(b)fluoranthene	252	12.180	12.180	(0.962)	236027	20.0000	19
66 Benzo(k)fluoranthene	252	12.210	12.210	(0.964)	279479	20.0000	20
67 Benzo(a)pyrene	252	12.586	12.586	(0.994)	195442	20.0000	19
* 84 Perylene-d12	264	12.662	12.662	(1.000)	423190	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.027	14.027	(1.108)	152350	20.0000	18
69 Dibenz(a,h)anthracene	278	14.062	14.062	(1.111)	169124	20.0000	19
70 Benzo(g,h,i)perylene	276	14.362	14.362	(1.134)	170589	20.0000	19

QC Flag Legend

H - Operator selected an alternate compound hit.

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87606/2 Calibration Date: 09/28/2011 00:00

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.6540	0.0500	50500	50000	1.0	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8595	0.0500	51700	50000	3.4	25.0
Pyridine	Ave	1.503	1.557	0.0500	51800	50000	3.6	25.0
Benzaldehyde	Ave	0.4704	0.6567	0.0500	69800	50000	39.6*	25.0
Aniline	Ave	1.901	2.103	0.0500	55300	50000	10.6	25.0
Phenol	Ave	1.747	1.808	0.0500	51800	50000	3.5	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.376	0.0500	51200	50000	2.4	25.0
2-Chlorophenol	Ave	1.390	1.431	0.0500	51500	50000	3.0	25.0
n-Decane	Ave	1.283	1.272	0.0500	49600	50000	-0.9	25.0
1,3-Dichlorobenzene	Ave	1.618	1.653	0.0500	51100	50000	2.2	25.0
1,4-Dichlorobenzene	Ave	1.642	1.693	0.0500	51600	50000	3.1	25.0
Benzyl alcohol	Ave	0.7598	0.6852	0.0500	45100	50000	-9.8	25.0
1,2-Dichlorobenzene	Ave	1.519	1.581	0.0500	52000	50000	4.1	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.466	0.0500	51900	50000	3.7	25.0
2-Methylphenol	Ave	1.152	1.239	0.0500	53800	50000	7.6	25.0
o-Toluidine	Ave	1.535	1.631	0.0500	53100	50000	6.2	25.0
Acetophenone	Ave	1.820	1.907	0.0500	52400	50000	4.8	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.9527	0.0500	54700	50000	9.4	25.0
3 & 4 Methylphenol	Ave	1.296	1.370	0.0500	52800	50000	5.7	25.0
4-Methylphenol	Ave	1.296	1.370	0.0500	52800	50000	5.7	25.0
Hexachloroethane	Ave	0.6334	0.6525	0.0500	51500	50000	3.0	25.0
n,n'-Dimethylaniline	Ave	1.946	2.184	0.0500	56100	50000	12.2	25.0
Nitrobenzene	Ave	0.5433	0.5673	0.0500	52200	50000	4.4	25.0
Isophorone	Ave	0.6190	0.6415	0.0500	51800	50000	3.6	25.0
2-Nitrophenol	Ave	0.1983	0.2012	0.0500	50700	50000	1.5	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3180	0.0500	52100	50000	4.2	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3938	0.0500	51400	50000	2.8	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2740	0.0500	51200	50000	2.3	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3147	0.0500	49600	50000	-0.8	25.0
Naphthalene	Ave	1.099	1.121	0.0500	51000	50000	2.0	25.0
4-Chloroaniline	Ave	0.3849	0.4069	0.0500	52900	50000	5.7	25.0
Hexachlorobutadiene	Ave	0.1928	0.1896	0.0500	49200	50000	-1.7	25.0
Caprolactam	Ave	0.0812	0.0887	0.0500	54600	50000	9.3	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.3055	0.0500	55100	50000	10.3	25.0
2-Methylnaphthalene	Ave	0.6534	0.6752	0.0500	51700	50000	3.3	25.0
1-Methylnaphthalene	Ave	0.6708	0.6999	0.0500	52200	50000	4.3	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.3522	0.0500	50500	50000	1.0	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3604	0.0500	48600	50000	-2.7	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3797	0.0500	50200	50000	0.5	25.0
1,1'-Biphenyl	Ave	1.702	1.641	0.0500	48200	50000	-3.6	25.0
2-Chloronaphthalene	Ave	1.203	1.183	0.0500	49200	50000	-1.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87606/2 Calibration Date: 09/28/2011 00:00
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.8263	0.0500	48400	50000	-3.3	25.0
2-Nitroaniline	Ave	0.3986	0.3884	0.0500	48700	50000	-2.6	25.0
Dimethyl phthalate	Ave	1.208	1.253	0.0500	51900	50000	3.8	25.0
Coumarin	Ave	0.1908	0.2132	0.0500	55900	50000	11.7	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2893	0.0500	52400	50000	4.8	25.0
Acenaphthylene	Ave	1.895	1.925	0.0500	50800	50000	1.6	25.0
3-Nitroaniline	Ave	0.2940	0.3160	0.0500	53700	50000	7.5	25.0
Acenaphthene	Ave	1.168	1.197	0.0500	51200	50000	2.4	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1681	0.0500	60000	50000	19.9	25.0
4-Nitrophenol	Ave	0.2299	0.2494	0.0500	54300	50000	8.5	25.0
Dibenzofuran	Ave	1.576	1.622	0.0500	51500	50000	2.9	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3766	0.0500	53500	50000	6.9	25.0
Diethyl phthalate	Ave	1.235	1.313	0.0500	53200	50000	6.3	25.0
Fluorene	Ave	1.273	1.357	0.0500	53300	50000	6.6	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5951	0.0500	51300	50000	2.7	25.0
4-Nitroaniline	Ave	0.2492	0.2542	0.0500	51000	50000	2.0	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1401	0.0500	53600	50000	7.2	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6280	0.0500	50800	50000	1.6	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.131	0.0500	50800	50000	1.5	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2480	0.0500	50600	50000	1.1	25.0
Hexachlorobenzene	Ave	0.2659	0.2711	0.0500	51000	50000	2.0	25.0
Atrazine	Ave	0.2035	0.2084	0.0500	51200	50000	2.4	25.0
Pentachlorophenol	Ave	0.1420	0.1552	0.0500	54600	50000	9.2	25.0
Phenanthrene	Ave	1.161	1.197	0.0500	51600	50000	3.1	25.0
Anthracene	Ave	1.176	1.199	0.0500	51000	50000	2.0	25.0
Carbazole	Ave	0.9491	0.9545	0.0500	50300	50000	0.6	25.0
Di-n-butyl phthalate	Ave	1.296	1.316	0.0500	50800	50000	1.6	25.0
Fluoranthene	Ave	0.9706	0.9625	0.0500	49600	50000	-0.8	25.0
Benzidine	Ave	0.1089	0.1459	0.0500	67000	50000	33.9*	25.0
Pyrene	Ave	1.693	2.013	0.0500	59500	50000	18.9	25.0
Butyl benzyl phthalate	Ave	0.7744	0.8434	0.0500	54400	50000	8.9	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1981	0.0500	538	500	7.7	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.3652	0.0500	52800	50000	5.6	25.0
Benzo[a]anthracene	Ave	1.242	1.200	0.0500	48300	50000	-3.4	25.0
Chrysene	Ave	1.118	1.160	0.0500	51900	50000	3.8	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.123	0.0500	54100	50000	8.1	25.0
Di-n-octyl phthalate	Ave	2.015	2.291	0.0500	56900	50000	13.7	25.0
Benzo[b]fluoranthene	Ave	1.190	1.251	0.0500	52600	50000	5.1	25.0
Benzo[k]fluoranthene	Ave	1.332	1.390	0.0500	52200	50000	4.3	25.0
Benzo[a]pyrene	Ave	0.9679	1.014	0.0500	52400	50000	4.7	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	0.8175	0.0500	51200	50000	2.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab Sample ID: CCVIS 460-87606/2 Calibration Date: 09/28/2011 00:00
Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
Lab File ID: z10287.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	0.8552	0.0500	51300	50000	2.6	25.0
Benzo[g,h,i]perylene	Ave	0.8506	0.8494	0.0500	49900	50000	-0.1	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.396	0.0500	51600	50000	3.3	25.0
Phenol-d5 (Surr)	Ave	1.613	1.700	0.0500	52700	50000	5.4	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4107	0.0500	50100	50000	0.2	25.0
2-Fluorobiphenyl	Ave	1.439	1.383	0.0500	48100	50000	-3.9	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1985	0.0500	53400	50000	6.7	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.389	0.0500	57700	50000	15.4	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10287.d
 Report Date: 28-Sep-2011 01:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10287.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 28-SEP-2011 00:00
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa
 Cal Date : 28-SEP-2011 00:00
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10287.d

Continuing Calibration Sample

Compound Sublist: all.sub

Concentration Formula: Amt * DF * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.222	1.222	(0.325)	379431	50.0000	50
19 N-Nitrosodimethylamine		74	1.428	1.428	(0.379)	498642	50.0000	52
71 Pyridine		79	1.446	1.446	(0.384)	903461	50.0000	52
\$ 16 2-Fluorophenol (SUR)		112	2.499	2.499	(0.664)	810091	50.0000	52
110 Benzaldehyde		77	3.310	3.310	(0.880)	381005	50.0000	70
\$ 17 Phenol-d5 (SUR)		99	3.434	3.434	(0.912)	986111	50.0000	53
1 Phenol		94	3.451	3.451	(0.917)	1049020	50.0000	52
73 Aniline		93	3.434	3.434	(0.912)	1219942	50.0000	55
20 bis(2-Chloroethyl)ether		93	3.510	3.510	(0.933)	798111	50.0000	51
2 2-Chlorophenol		128	3.557	3.557	(0.945)	830342	50.0000	51
113 n-decane		43	3.628	3.628	(0.964)	738128	50.0000	50
21 1,3-Dichlorobenzene		146	3.710	3.710	(0.986)	959119	50.0000	51
* 79 1,4-Dichlorobenzene-d4		152	3.763	3.763	(1.000)	464147	40.0000	
22 1,4-Dichlorobenzene		146	3.781	3.781	(1.005)	982101	50.0000	52
74 Benzyl Alcohol		108	3.928	3.928	(1.044)	397564	50.0000	45

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10287.d
Report Date: 28-Sep-2011 01:06

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	917424	50.0000	52
3 2-Methylphenol	108	4.063	4.063	(1.080)	718834	50.0000	54
24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.078)	850443	50.0000	52
122 o-Toluidine	107	4.181	4.181	(1.111)	946117	50.0000	53
104 Acetophenone	105	4.193	4.193	(1.114)	1106299	50.0000	52
4 4-Methylphenol	108	4.222	4.222	(1.122)	794937	50.0000	53
121 3 & 4 Methylphenol	108	4.222	4.222	(1.122)	794937	50.0000	53
25 N-Nitroso-di-n-propylamine	70	4.210	4.210	(1.119)	552757	50.0000	55
26 Hexachloroethane	117	4.275	4.275	(1.136)	378579	50.0000	52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.858)	884457	50.0000	50
107 N,N-Dimethylaniline	120	4.363	4.363	(1.159)	1266909	50.0000	56
27 Nitrobenzene	77	4.363	4.363	(0.863)	1221627	50.0000	52
28 Isophorone	82	4.604	4.604	(0.910)	1381402	50.0000	52
5 2-Nitrophenol	139	4.681	4.681	(0.926)	433186	50.0000	51
6 2,4-Dimethylphenol	122	4.757	4.757	(0.941)	684831	50.0000	52
29 bis(2-Chloroethoxy)methane	93	4.840	4.840	(0.957)	848042	50.0000	51
7 2,4-Dichlorophenol	162	4.934	4.934	(0.976)	590021	50.0000	51
30 1,2,4-Trichlorobenzene	180	5.010	5.010	(0.991)	677685	50.0000	50
* 80 Naphthalene-d8	136	5.057	5.057	(1.000)	1722805	40.0000	
31 Naphthalene	128	5.081	5.081	(1.005)	2414190	50.0000	51
32 4-Chloroaniline	127	5.145	5.145	(1.017)	876245	50.0000	53
33 Hexachlorobutadiene	225	5.222	5.222	(1.033)	408346	50.0000	49
111 Caprolactam	113	5.540	5.540	(1.095)	191017	50.0000	55(H)
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.122)	657816	50.0000	55
34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1454041	50.0000	52
120 1-Methylnaphthalene	142	5.875	5.875	(1.162)	1507164	50.0000	52
35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	375696	50.0000	50
9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	384476	50.0000	49
10 2,4,5-Trichlorophenol	196	6.116	6.116	(0.899)	405103	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1475517	50.0000	48
102 Diphenyl	154	6.245	6.245	(0.918)	1750597	50.0000	48
36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	1262186	50.0000	49
103 Diphenyl Ether	170	6.351	6.351	(0.933)	881526	50.0000	48
37 2-Nitroaniline	65	6.375	6.375	(0.937)	414384	50.0000	49
38 Dimethylphthalate	163	6.569	6.569	(0.965)	1336839	50.0000	52
114 Coumarin	146	6.575	6.575	(1.300)	459200	50.0000	56
40 2,6-Dinitrotoluene	165	6.622	6.622	(0.973)	308654	50.0000	52
39 Acenaphthylene	152	6.663	6.663	(0.979)	2053182	50.0000	51
41 3-Nitroaniline	138	6.781	6.781	(0.997)	337133	50.0000	54
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	853439	40.0000	
42 Acenaphthene	154	6.839	6.839	(1.005)	1276603	50.0000	51
11 2,4-Dinitrophenol	184	6.886	6.886	(1.012)	179316	50.0000	60
12 4-Nitrophenol	65	6.981	6.981	(1.026)	266064	50.0000	54
44 2,4-Dinitrotoluene	165	7.022	7.022	(1.032)	401778	50.0000	53
43 Dibenzofuran	168	7.004	7.004	(1.029)	1730538	50.0000	51
45 Diethylphthalate	149	7.263	7.263	(1.067)	1400622	50.0000	53
46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	634838	50.0000	51

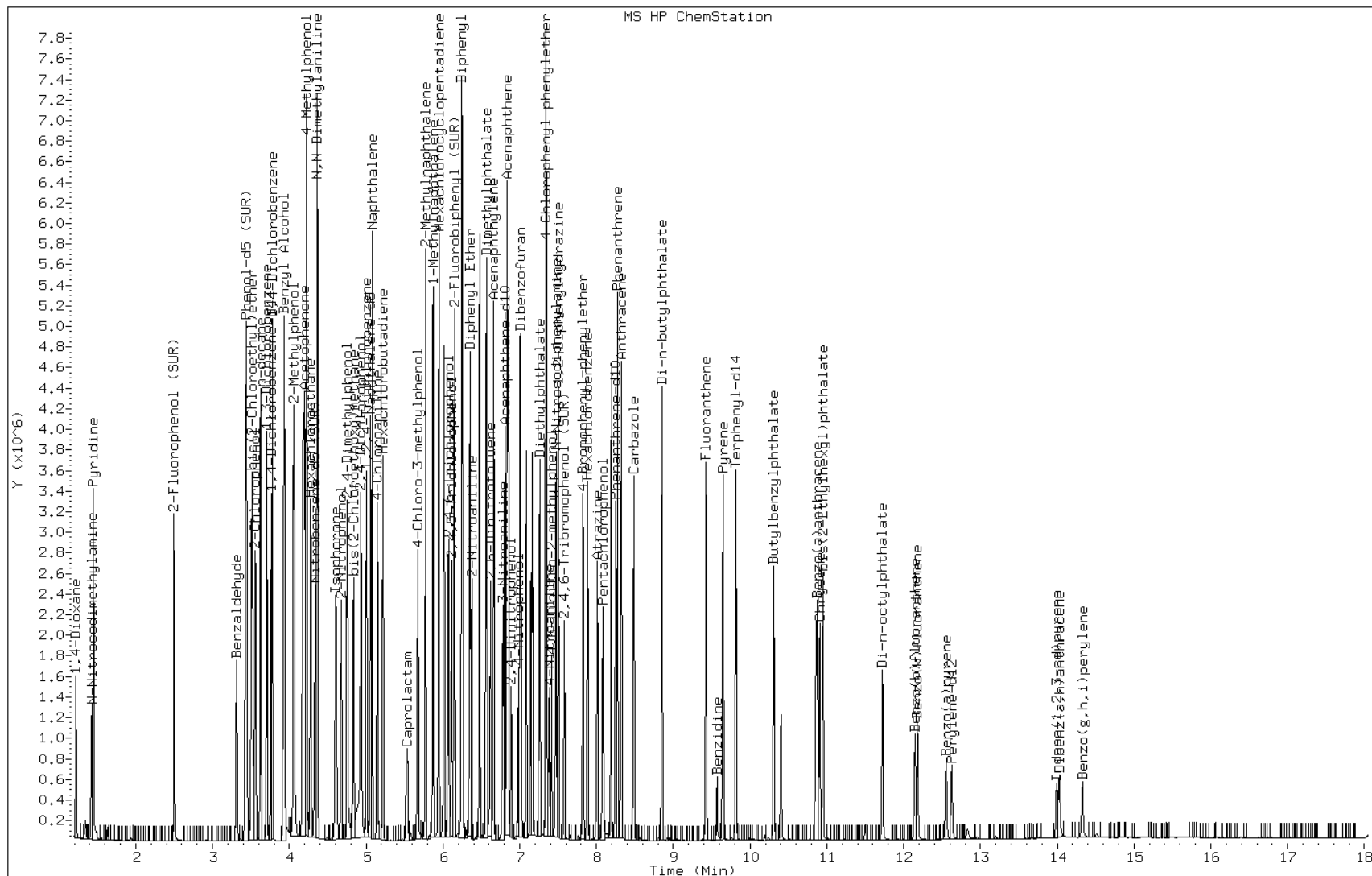
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10287.d
 Report Date: 28-Sep-2011 01:06

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.345	7.345	(1.080)	1447510	50.0000	53
48 4-Nitroaniline	138	7.386	7.386	(1.086)	271155	50.0000	51
13 4,6-Dinitro-2-methylphenol	198	7.416	7.416	(0.899)	208423	50.0000	54
49 N-Nitrosodiphenylamine	169	7.475	7.475	(0.906)	934382	50.0000	51
75 1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	1682185	50.0000	51
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.581	(1.114)	211724	50.0000	53
50 4-Bromophenyl-phenylether	248	7.828	7.828	(0.949)	368970	50.0000	50
51 Hexachlorobenzene	284	7.886	7.886	(0.956)	403395	50.0000	51
112 Atrazine	200	8.010	8.010	(0.971)	310063	50.0000	51
14 Pentachlorophenol	266	8.081	8.081	(0.979)	230881	50.0000	55
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1190387	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	1781392	50.0000	52
53 Anthracene	178	8.322	8.322	(1.009)	1783816	50.0000	51
54 Carbazole	167	8.486	8.486	(1.028)	1420264	50.0000	50
55 Di-n-butylphthalate	149	8.851	8.851	(1.073)	1958656	50.0000	51
56 Fluoranthene	202	9.428	9.428	(1.143)	1432104	50.0000	50
58 Benzidine	184	9.569	9.569	(1.160)	217022	50.0000	67
57 Pyrene	202	9.645	9.645	(0.886)	1366421	50.0000	59
\$ 78 Terphenyl-d14	244	9.816	9.816	(0.902)	943116	50.0000	58
59 Butylbenzylphthalate	149	10.310	10.310	(0.948)	572519	50.0000	54
109 2,3,7,8-TCDD (Screen)	320	10.392	10.392	(0.955)	1345	0.50000	0.54
60 3,3'-Dichlorobenzidine	252	10.851	10.851	(0.997)	247891	50.0000	53
61 Benzo(a)anthracene	228	10.869	10.869	(0.999)	814812	50.0000	48
* 81 Chrysene-d12	240	10.880	10.880	(1.000)	543092	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.945	10.945	(1.006)	762089	50.0000	54
62 Chrysene	228	10.910	10.910	(1.003)	787249	50.0000	52
64 Di-n-octylphthalate	149	11.721	11.721	(0.928)	956422	50.0000	57
65 Benzo(b)fluoranthene	252	12.145	12.145	(0.962)	522161	50.0000	52
66 Benzo(k)fluoranthene	252	12.180	12.180	(0.965)	580163	50.0000	52
67 Benzo(a)pyrene	252	12.551	12.551	(0.994)	423165	50.0000	52
* 84 Perylene-d12	264	12.627	12.627	(1.000)	333930	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.109)	341227	50.0000	51
69 Dibenz(a,h)anthracene	278	14.027	14.027	(1.111)	356965	50.0000	51
70 Benzo(g,h,i)perylene	276	14.327	14.327	(1.135)	354549	50.0000	50

QC Flag Legend

H - Operator selected an alternate compound hit.

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCV 460-87610/1 Calibration Date: 09/28/2011 08:59

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.6520	0.0500	50400	50000	0.7	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8547	0.0500	51400	50000	2.8	25.0
Pyridine	Ave	1.503	1.548	0.0500	51500	50000	3.0	25.0
Benzaldehyde	Ave	0.4704	0.7826	0.0500	83200	50000	66.4*	25.0
Aniline	Ave	1.901	1.982	0.0500	52100	50000	4.3	25.0
Phenol	Ave	1.747	1.670	0.0500	47800	50000	-4.4	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.366	0.0500	50900	50000	1.7	25.0
2-Chlorophenol	Ave	1.390	1.380	0.0500	49600	50000	-0.7	25.0
n-Decane	Ave	1.283	1.239	0.0500	48300	50000	-3.4	25.0
1,3-Dichlorobenzene	Ave	1.618	1.646	0.0500	50900	50000	1.7	25.0
1,4-Dichlorobenzene	Ave	1.642	1.682	0.0500	51200	50000	2.4	25.0
1,2-Dichlorobenzene	Ave	1.519	1.544	0.0500	50800	50000	1.6	25.0
Benzyl alcohol	Ave	0.7598	0.2029	0.0500	13400	50000	-73.3*	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.428	0.0500	50500	50000	1.0	25.0
2-Methylphenol	Ave	1.152	1.176	0.0500	51100	50000	2.1	25.0
o-Toluidine	Ave	1.535	1.645	0.0500	53600	50000	7.1	25.0
Acetophenone	Ave	1.820	1.849	0.0500	50800	50000	1.6	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.9066	0.0500	52100	50000	4.1	25.0
3 & 4 Methylphenol	Ave	1.296	1.423	0.0500	54900	50000	9.8	25.0
4-Methylphenol	Ave	1.296	1.423	0.0500	54900	50000	9.8	25.0
Hexachloroethane	Ave	0.6334	0.6361	0.0500	50200	50000	0.4	25.0
Nitrobenzene	Ave	0.5433	0.5767	0.0500	53100	50000	6.1	25.0
n,n'-Dimethylaniline	Ave	1.946	2.134	0.0500	54800	50000	9.6	25.0
Isophorone	Ave	0.6190	0.6266	0.0500	50600	50000	1.2	25.0
2-Nitrophenol	Ave	0.1983	0.1981	0.0500	50000	50000	-0.1	25.0
2,4-Dimethylphenol	Ave	0.3053	0.2867	0.0500	47000	50000	-6.1	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3892	0.0500	50800	50000	1.6	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2623	0.0500	49000	50000	-2.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3176	0.0500	50000	50000	0.0	25.0
Naphthalene	Ave	1.099	1.120	0.0500	51000	50000	1.9	25.0
4-Chloroaniline	Ave	0.3849	0.3829	0.0500	49700	50000	-0.5	25.0
Hexachlorobutadiene	Ave	0.1928	0.1921	0.0500	49800	50000	-0.4	25.0
Caprolactam	Ave	0.0812	0.0765	0.0500	47100	50000	-5.8	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.1856	0.0500	33500	50000	-33.0*	25.0
2-Methylnaphthalene	Ave	0.6534	0.6743	0.0500	51600	50000	3.2	25.0
1-Methylnaphthalene	Ave	0.6708	0.6663	0.0500	49700	50000	-0.7	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.2197	0.0500	31500	50000	-37.0*	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3289	0.0500	44400	50000	-11.2	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3328	0.0500	44000	50000	-11.9	25.0
1,1'-Biphenyl	Ave	1.702	1.772	0.0500	52100	50000	4.1	25.0
2-Chloronaphthalene	Ave	1.203	1.250	0.0500	51900	50000	3.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID: CCV 460-87610/1 Calibration Date: 09/28/2011 08:59

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.8888	0.0500	52000	50000	4.0	25.0
2-Nitroaniline	Ave	0.3986	0.3778	0.0500	47400	50000	-5.2	25.0
Coumarin	Ave	0.1908	0.1778	0.0500	46600	50000	-6.8	25.0
Dimethyl phthalate	Ave	1.208	1.243	0.0500	51500	50000	2.9	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2768	0.0500	50100	50000	0.3	25.0
Acenaphthylene	Ave	1.895	1.913	0.0500	50500	50000	0.9	25.0
3-Nitroaniline	Ave	0.2940	0.2848	0.0500	48400	50000	-3.1	25.0
Acenaphthene	Ave	1.168	1.188	0.0500	50900	50000	1.7	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1267	0.0500	45200	50000	-9.6	25.0
4-Nitrophenol	Ave	0.2299	0.1193	0.0500	26000	50000	-48.1*	25.0
Dibenzofuran	Ave	1.576	1.553	0.0500	49300	50000	-1.4	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3378	0.0500	48000	50000	-4.1	25.0
Diethyl phthalate	Ave	1.235	1.219	0.0500	49300	50000	-1.3	25.0
Fluorene	Ave	1.273	1.270	0.0500	49900	50000	-0.2	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5721	0.0500	49400	50000	-1.3	25.0
4-Nitroaniline	Ave	0.2492	0.2209	0.0500	44300	50000	-11.4	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1405	0.0500	53800	50000	7.5	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6991	0.0500	56600	50000	13.2	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.287	0.0500	57800	50000	15.6	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2704	0.0500	55100	50000	10.2	25.0
Hexachlorobenzene	Ave	0.2659	0.2862	0.0500	53800	50000	7.6	25.0
Atrazine	Ave	0.2035	0.2112	0.0500	51900	50000	3.8	25.0
Pentachlorophenol	Ave	0.1420	0.0909	0.0500	32000	50000	-36.0*	25.0
Phenanthrene	Ave	1.161	1.191	0.0500	51300	50000	2.6	25.0
Anthracene	Ave	1.176	1.197	0.0500	50900	50000	1.8	25.0
Carbazole	Ave	0.9491	0.8766	0.0500	46200	50000	-7.6	25.0
Di-n-butyl phthalate	Ave	1.296	1.357	0.0500	52400	50000	4.7	25.0
Fluoranthene	Ave	0.9706	0.8060	0.0500	41500	50000	-17.0	25.0
Benzidine	Ave	0.1089	0.1422	0.0500	65300	50000	30.6*	25.0
Pyrene	Ave	1.693	2.038	0.0500	60200	50000	20.4	25.0
Butyl benzyl phthalate	Ave	0.7744	0.9501	0.0500	61300	50000	22.7	25.0
2,3,7,8-TCDD	Ave	0.1840	0.2076	0.0500	564	500	12.9	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.4078	0.0500	59000	50000	18.0	25.0
Benzo[a]anthracene	Ave	1.242	1.187	0.0500	47700	50000	-4.5	25.0
Chrysene	Ave	1.118	1.144	0.0500	51200	50000	2.3	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.232	0.0500	59300	50000	18.6	25.0
Di-n-octyl phthalate	Ave	2.015	1.930	0.0500	47900	50000	-4.2	25.0
Benzo[b]fluoranthene	Ave	1.190	1.210	0.0500	50800	50000	1.7	25.0
Benzo[k]fluoranthene	Ave	1.332	1.176	0.0500	44100	50000	-11.7	25.0
Benzo[a]pyrene	Ave	0.9679	0.9809	0.0500	50700	50000	1.3	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	1.252	0.0500	78400	50000	56.9*	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87610/1 Calibration Date: 09/28/2011 08:59
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10307.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	1.242	0.0500	74500	50000	49.0*	25.0
Benzo[g,h,i]perylene	Ave	0.8506	1.447	0.0500	85100	50000	70.2*	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.373	0.0500	50800	50000	1.5	25.0
Phenol-d5 (Surr)	Ave	1.613	1.576	0.0500	48800	50000	-2.3	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4147	0.0500	50600	50000	1.1	25.0
2-Fluorobiphenyl	Ave	1.439	1.495	0.0500	51900	50000	3.8	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1158	0.0500	31100	50000	-37.7*	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.488	0.0500	61800	50000	23.6	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11abr.b/z10307.d
 Report Date: 28-Sep-2011 09:19

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11abr.b/z10307.d
 Lab Smp Id: CCV-114618
 Inj Date : 28-SEP-2011 08:59
 Operator : BNAMS 4
 Smp Info : CCV-114618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11abr.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 09:19 croccom Quant Type: ISTD
 Cal Date : 28-SEP-2011 08:59 Cal File: z10307.d
 Als bottle: 22 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 * 1000*Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.228	1.228	(0.326)	435623	50.0000	50	
19 N-Nitrosodimethylamine	74	1.434	1.434	(0.381)	571098	50.0000	51	
71 Pyridine	79	1.452	1.452	(0.386)	1034140	50.0000	51	
\$ 16 2-Fluorophenol (SUR)	112	2.504	2.504	(0.666)	917233	50.0000	51	
110 Benzaldehyde	77	3.316	3.316	(0.881)	522934	50.0000	83	
\$ 17 Phenol-d5 (SUR)	99	3.440	3.440	(0.914)	1052768	50.0000	49	
1 Phenol	94	3.451	3.451	(0.917)	1116046	50.0000	48	
73 Aniline	93	3.434	3.434	(0.912)	1324260	50.0000	52	
20 bis(2-Chloroethyl)ether	93	3.516	3.516	(0.934)	912769	50.0000	51	
2 2-Chlorophenol	128	3.563	3.563	(0.947)	922113	50.0000	50	
113 n-decane	43	3.628	3.628	(0.964)	828146	50.0000	48	
21 1,3-Dichlorobenzene	146	3.710	3.710	(0.986)	1099518	50.0000	51	
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	534542	40.0000		
22 1,4-Dichlorobenzene	146	3.781	3.781	(1.005)	1123637	50.0000	51	
74 Benzyl Alcohol	108	3.934	3.934	(1.045)	135591	50.0000	13	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11abr.b/z10307.d
Report Date: 28-Sep-2011 09:19

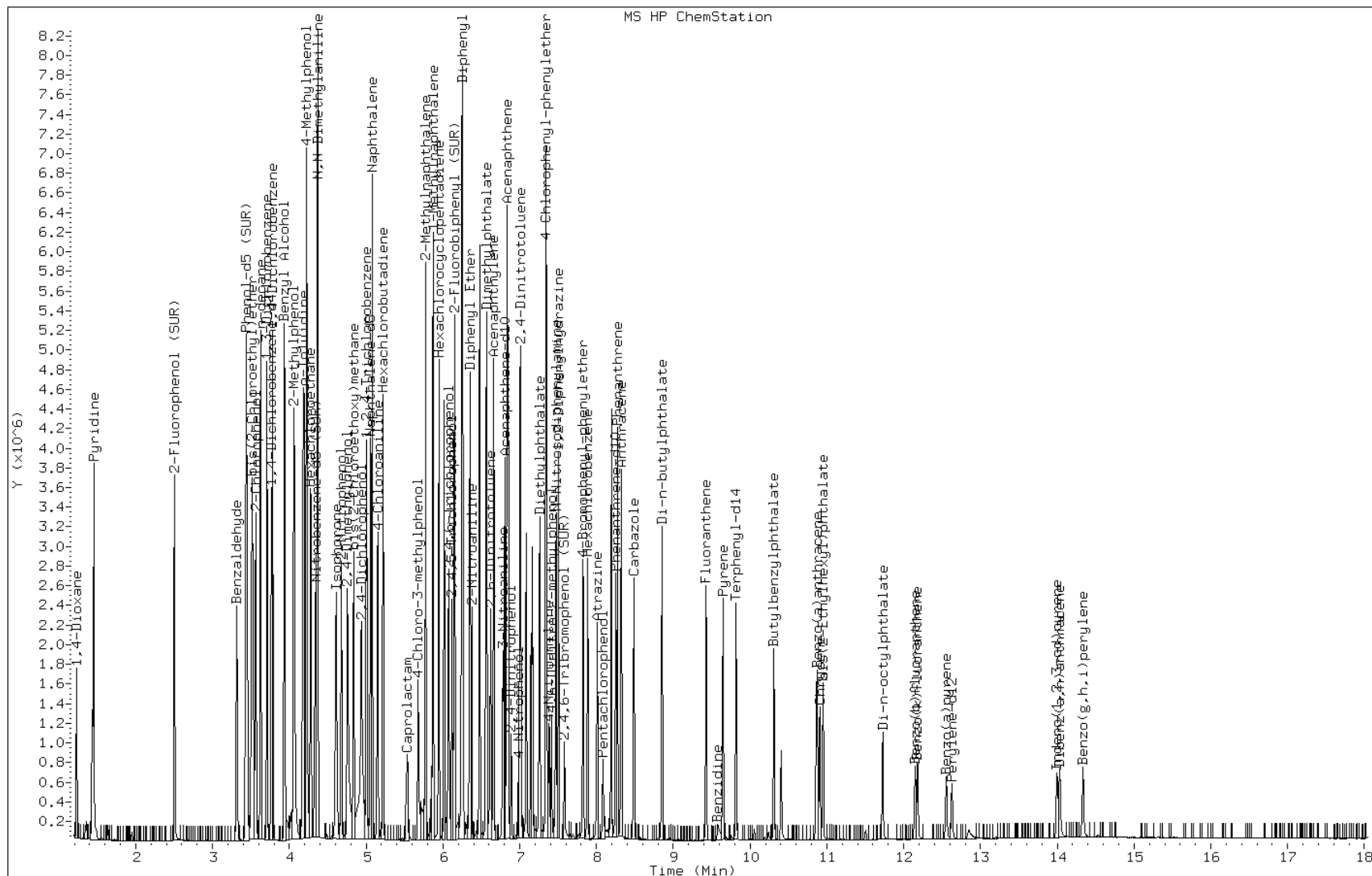
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	1031781	50.0000	51
3 2-Methylphenol	108	4.063	4.063	(1.080)	785776	50.0000	51
24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.078)	953880	50.0000	50
122 o-Toluidine	107	4.181	4.181	(1.111)	1099093	50.0000	54
104 Acetophenone	105	4.198	4.198	(1.116)	1235316	50.0000	51
4 4-Methylphenol	108	4.228	4.228	(1.123)	950644	50.0000	55
121 3 & 4 Methylphenol	108	4.228	4.228	(1.123)	950644	50.0000	55
25 N-Nitroso-di-n-propylamine	70	4.210	4.210	(1.119)	605763	50.0000	52
26 Hexachloroethane	117	4.275	4.275	(1.136)	425009	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.858)	978088	50.0000	50
107 N,N-Dimethylaniline	120	4.369	4.369	(1.161)	1425565	50.0000	55
27 Nitrobenzene	77	4.363	4.363	(0.863)	1360129	50.0000	53
28 Isophorone	82	4.610	4.610	(0.912)	1477880	50.0000	51
5 2-Nitrophenol	139	4.681	4.681	(0.926)	467183	50.0000	50
6 2,4-Dimethylphenol	122	4.757	4.757	(0.941)	676155	50.0000	47
29 bis(2-Chloroethoxy)methane	93	4.840	4.840	(0.957)	917848	50.0000	51
7 2,4-Dichlorophenol	162	4.939	4.939	(0.977)	618742	50.0000	49
30 1,2,4-Trichlorobenzene	180	5.010	5.010	(0.991)	749066	50.0000	50
* 80 Naphthalene-d8	136	5.057	5.057	(1.000)	1886893	40.0000	
31 Naphthalene	128	5.081	5.081	(1.005)	2640802	50.0000	51
32 4-Chloroaniline	127	5.151	5.151	(1.019)	903154	50.0000	50
33 Hexachlorobutadiene	225	5.222	5.222	(1.033)	453176	50.0000	50
111 Caprolactam	113	5.539	5.539	(1.095)	180436	50.0000	47
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.122)	437735	50.0000	34
34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1590351	50.0000	52
120 1-Methylnaphthalene	142	5.875	5.875	(1.162)	1571529	50.0000	50
35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	227018	50.0000	32
9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	339802	50.0000	44
10 2,4,5-Trichlorophenol	196	6.116	6.116	(0.899)	343788	50.0000	44
\$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1544062	50.0000	52
102 Diphenyl	154	6.251	6.251	(0.919)	1830543	50.0000	52
36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	1291077	50.0000	52
103 Diphenyl Ether	170	6.351	6.351	(0.933)	918252	50.0000	52
37 2-Nitroaniline	65	6.375	6.375	(0.937)	390354	50.0000	47
38 Dimethylphthalate	163	6.569	6.569	(0.965)	1284009	50.0000	51
114 Coumarin	146	6.569	6.569	(1.299)	419376	50.0000	46
40 2,6-Dinitrotoluene	165	6.622	6.622	(0.973)	285999	50.0000	50
39 Acenaphthylene	152	6.663	6.663	(0.979)	1976644	50.0000	50
41 3-Nitroaniline	138	6.781	6.781	(0.997)	294287	50.0000	48
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	826531	40.0000	
42 Acenaphthene	154	6.839	6.839	(1.005)	1227662	50.0000	51
11 2,4-Dinitrophenol	184	6.886	6.886	(1.012)	130942	50.0000	45
12 4-Nitrophenol	65	6.981	6.981	(1.026)	123277	50.0000	26
44 2,4-Dinitrotoluene	165	7.016	7.016	(1.031)	349027	50.0000	48
43 Dibenzofuran	168	7.010	7.010	(1.030)	1604921	50.0000	49
45 Diethylphthalate	149	7.263	7.263	(1.067)	1259194	50.0000	49
46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	591051	50.0000	49

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11abr.b/z10307.d
Report Date: 28-Sep-2011 09:19

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.345	7.345	(1.080)	1312203	50.0000	50
48 4-Nitroaniline	138	7.386	7.386	(1.086)	228208	50.0000	44
13 4,6-Dinitro-2-methylphenol	198	7.416	7.416	(0.899)	164836	50.0000	54
49 N-Nitrosodiphenylamine	169	7.475	7.475	(0.906)	820423	50.0000	56
75 1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	1510135	50.0000	58
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.581	(1.114)	119671	50.0000	31
50 4-Bromophenyl-phenylether	248	7.828	7.828	(0.949)	317275	50.0000	55
51 Hexachlorobenzene	284	7.886	7.886	(0.956)	335883	50.0000	54
112 Atrazine	200	8.010	8.010	(0.971)	247878	50.0000	52
14 Pentachlorophenol	266	8.080	8.080	(0.979)	106669	50.0000	32
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	938774	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	1397388	50.0000	51
53 Anthracene	178	8.322	8.322	(1.009)	1404230	50.0000	51
54 Carbazole	167	8.486	8.486	(1.028)	1028639	50.0000	46
55 Di-n-butylphthalate	149	8.851	8.851	(1.073)	1592276	50.0000	52
56 Fluoranthene	202	9.427	9.427	(1.143)	945821	50.0000	42
58 Benzidine	184	9.586	9.586	(1.162)	166853	50.0000	65
57 Pyrene	202	9.645	9.645	(0.886)	864818	50.0000	60
\$ 78 Terphenyl-d14	244	9.816	9.816	(0.902)	631165	50.0000	62
59 Butylbenzylphthalate	149	10.310	10.310	(0.948)	403147	50.0000	61
109 2,3,7,8-TCDD (Screen)	320	10.392	10.392	(0.955)	881	0.50000	0.56
60 3,3'-Dichlorobenzidine	252	10.857	10.857	(0.998)	173031	50.0000	59
61 Benzo(a)anthracene	228	10.869	10.869	(0.999)	503444	50.0000	48
* 81 Chrysene-d12	240	10.880	10.880	(1.000)	339446	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.951	10.951	(1.006)	522637	50.0000	59
62 Chrysene	228	10.910	10.910	(1.003)	485226	50.0000	51
64 Di-n-octylphthalate	149	11.727	11.727	(0.929)	638672	50.0000	48
65 Benzo(b)fluoranthene	252	12.151	12.151	(0.962)	400216	50.0000	51
66 Benzo(k)fluoranthene	252	12.186	12.186	(0.965)	389178	50.0000	44
67 Benzo(a)pyrene	252	12.557	12.557	(0.994)	324547	50.0000	51
* 84 Perylene-d12	264	12.627	12.627	(1.000)	264692	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.109)	414396	50.0000	78
69 Dibenzo(a,h)anthracene	278	14.033	14.033	(1.111)	410881	50.0000	74
70 Benzo(g,h,i)perylene	276	14.339	14.339	(1.136)	478845	50.0000	85

Instrument: BNAMS11.i

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
Report Date: 26-Sep-2011 14:33

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
Lab Smp Id: DFTPP-937638
Inj Date : 26-SEP-2011 10:44
Operator : BNA2
Smp Info : DFTPP-937638
Misc Info : 25 ppm dftpp bna 4557
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/DFTPP8270DEL.m
Meth Date : 23-Aug-2011 11:00 croccom Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Compound Sublist: all.sub
Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 dftpp					CAS #:				
4.624	4.748	-0.124	198	29173			0.00-	100.00	100.00
4.624	4.748	-0.124	51	12452			30.00-	60.00	42.68
4.624	4.748	-0.124	68	0			0.00-	2.00	0.00
4.624	4.748	-0.124	69	12578			0.00-	0.00	43.12
4.624	4.748	-0.124	70	0			0.00-	2.00	0.00
4.624	4.748	-0.124	127	14981			40.00-	60.00	51.35
4.624	4.748	-0.124	197	0			0.00-	1.00	0.00
4.624	4.748	-0.124	199	1948			5.00-	9.00	6.68
4.624	4.748	-0.124	275	8726			10.00-	30.00	29.91
4.624	4.748	-0.124	365	1454			1.00-	0.00	4.98
4.624	4.748	-0.124	441	4407			0.01-	100.00	78.15
4.624	4.748	-0.124	442	29050			40.00-	110.00	99.58
4.624	4.748	-0.124	443	5639			17.00-	23.00	19.41

Data File: z10237.d

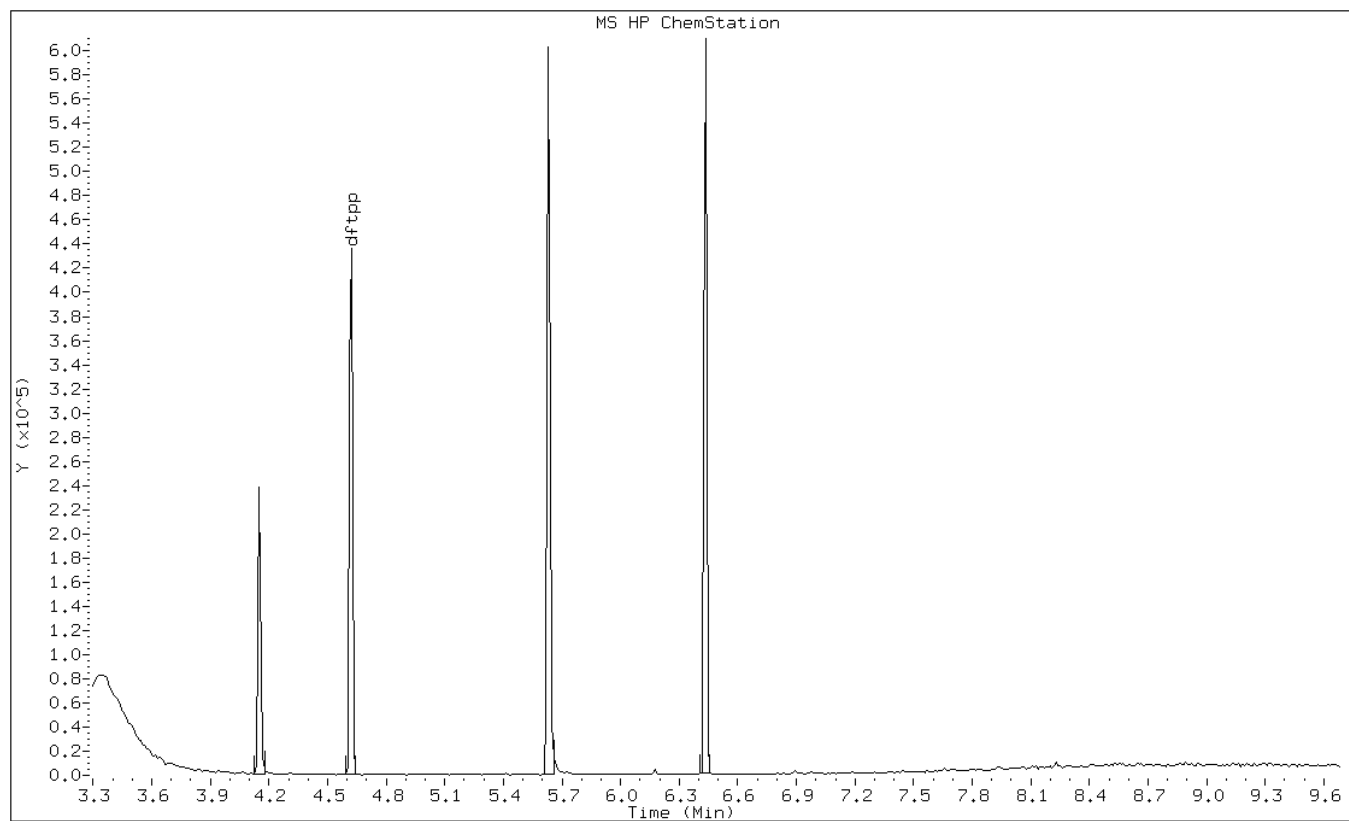
Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10237.d

Date: 26-SEP-2011 10:44

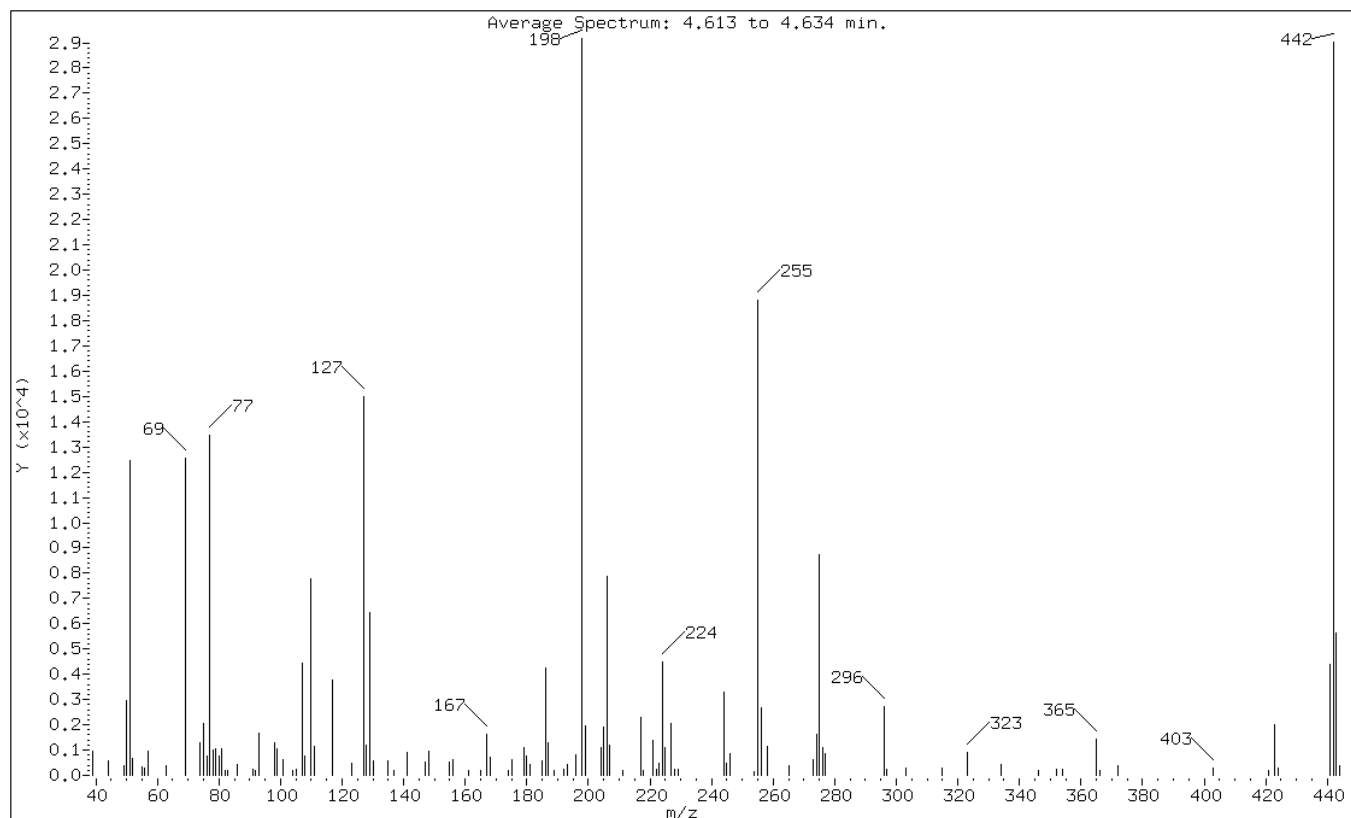
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

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	42.68
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.12
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.35
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	29.91
365	Greater than 1.00% of mass 198	4.98
441	0.01 - 100.00% of mass 443	15.11 (78.15)
442	40.00 - 110.00% of mass 198	99.58
443	17.00 - 23.00% of mass 442	19.33 (19.41)

Data File: z10237.d

Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
Spectrum: Average Spectrum: 4.613 to 4.634 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	932	105.00	215	187.00	1299	265.00	384
44.00	571	107.00	4446	189.00	169	273.00	616
49.00	384	108.00	763	192.00	235	274.00	1617
50.00	2953	110.00	7773	193.00	417	275.00	8726
51.00	12452	111.00	1165	196.00	802	276.00	1118
52.00	681	117.00	3752	198.00	29168	277.00	858
55.00	356	123.00	465	199.00	1948	296.00	2738
56.00	309	127.00	14981	204.00	1099	297.00	259
57.00	974	128.00	1198	205.00	1923	303.00	307
63.00	367	129.00	6438	206.00	7863	315.00	307
69.00	12578	130.00	576	207.00	1214	323.00	917
74.00	1269	135.00	557	211.00	170	334.00	442
75.00	2033	137.00	174	217.00	2269	346.00	171
76.00	755	141.00	914	218.00	199	352.00	242
77.00	13464	147.00	516	221.00	1405	354.00	215
78.00	982	148.00	970	222.00	237	365.00	1454
79.00	1031	155.00	514	223.00	489	366.00	184
80.00	761	156.00	633	224.00	4475	372.00	366
81.00	1044	161.00	213	225.00	1109	403.00	281
82.00	183	165.00	179	227.00	2059	421.00	196
83.00	171	167.00	1616	228.00	227	423.00	2004
86.00	406	168.00	709	229.00	246	424.00	304
91.00	229	174.00	200	244.00	3291	441.00	4407
92.00	179	175.00	600	245.00	471	442.00	29048
93.00	1671	179.00	1107	246.00	842	443.00	5639
98.00	1312	180.00	749	254.00	166	444.00	402
99.00	1038	181.00	420	255.00	18824		
101.00	602	185.00	554	256.00	2676		
104.00	211	186.00	4259	258.00	1133		

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10286.d
 Report Date: 28-Sep-2011 01:04

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10286.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 27-SEP-2011 23:45
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS11.i

Quant Type: ESTD

Cal File:

QC Sample: DFTPP

Compound Sublist: all.sub

Sample Matrix: None

CONCENTRATIONS									
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.603	4.748	-0.145	198	28776			0.00- 100.00	100.00	
4.603	4.748	-0.145	51	12361			30.00- 60.00	42.96	
4.603	4.748	-0.145	68	0			0.00- 2.00	0.00	
4.603	4.748	-0.145	69	12211			0.00- 0.00	42.43	
4.603	4.748	-0.145	70	0			0.00- 2.00	0.00	
4.603	4.748	-0.145	127	15133			40.00- 60.00	52.59	
4.603	4.748	-0.145	197	0			0.00- 1.00	0.00	
4.603	4.748	-0.145	199	1880			5.00- 9.00	6.53	
4.603	4.748	-0.145	275	8402			10.00- 30.00	29.20	
4.603	4.748	-0.145	365	1476			1.00- 0.00	5.13	
4.603	4.748	-0.145	441	4231			0.01- 100.00	79.41	
4.603	4.748	-0.145	442	27540			40.00- 110.00	95.70	
4.603	4.748	-0.145	443	5328			17.00- 23.00	19.35	

Data File: z10286.d

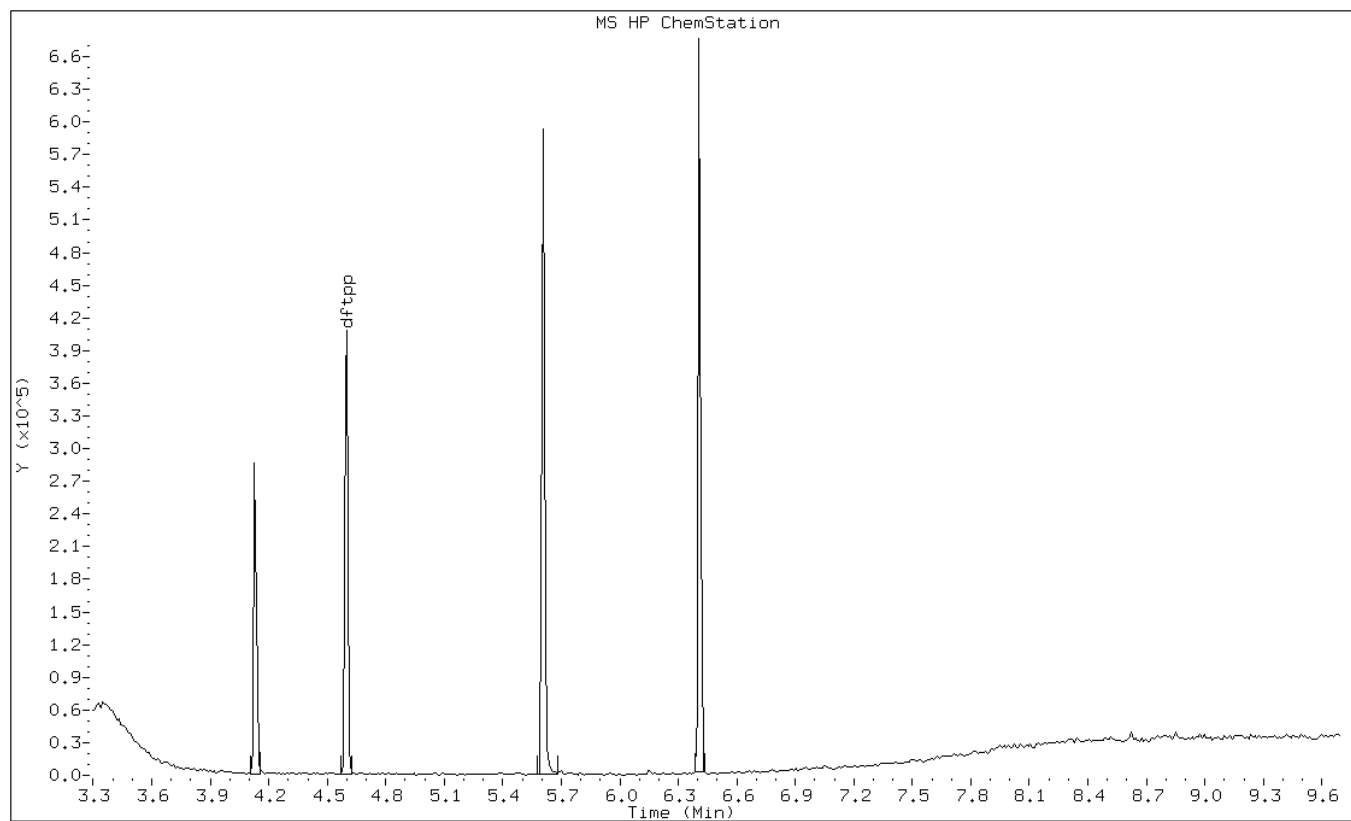
Date: 27-SEP-2011 23:45

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10286.d

Date: 27-SEP-2011 23:45

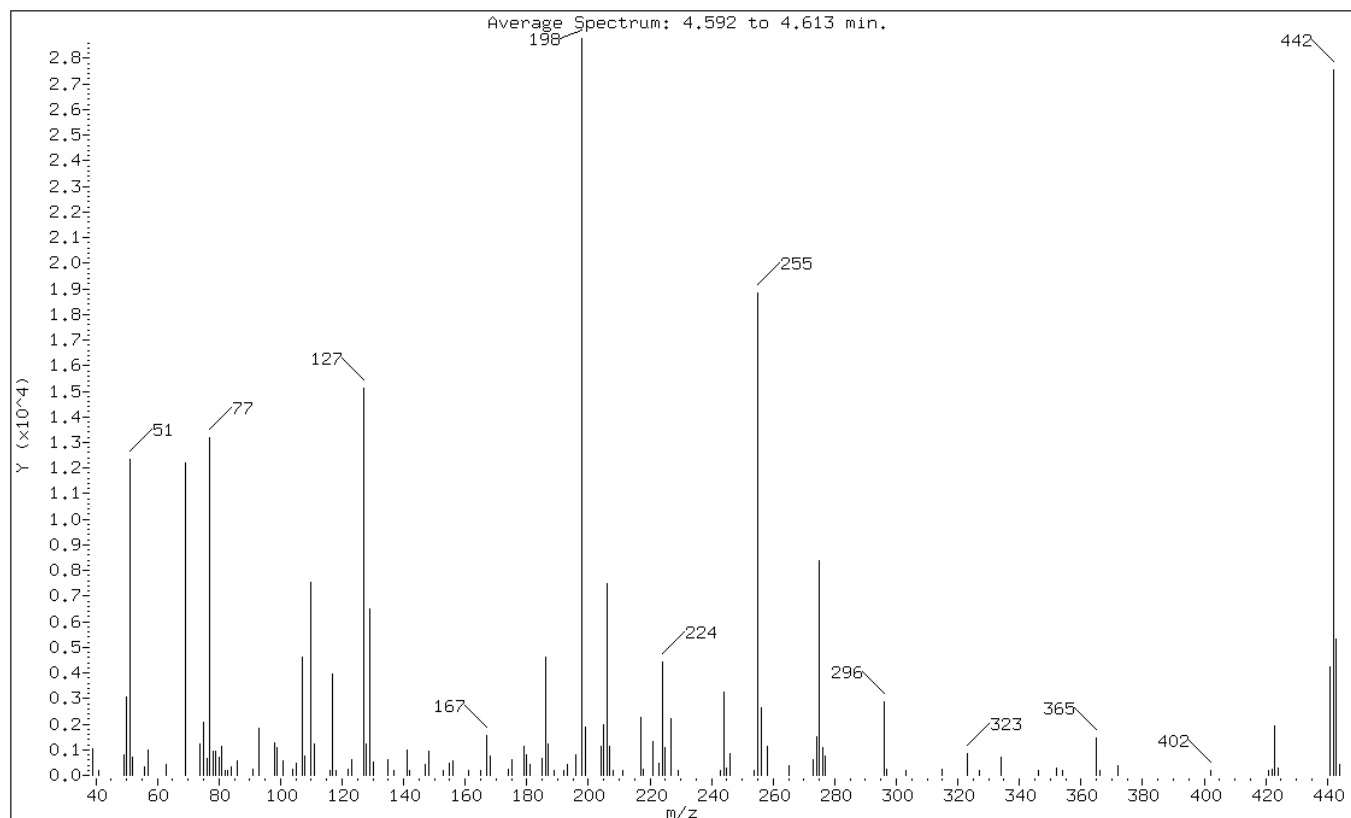
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

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	42.96
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	42.43
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.59
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.53
275	10.00 - 30.00% of mass 198	29.20
365	Greater than 1.00% of mass 198	5.13
441	0.01 - 100.00% of mass 443	14.70 (79.41)
442	40.00 - 110.00% of mass 198	95.70
443	17.00 - 23.00% of mass 442	18.52 (19.35)

Data File: z10286.d

Date: 27-SEP-2011 23:45

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10286.d
Spectrum: Average Spectrum: 4.592 to 4.613 min.
Location of Maximum: 198.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1015	108.00	732	185.00	651	258.00	1146
41.00	175	110.00	7546	186.00	4631	265.00	387
49.00	820	111.00	1232	187.00	1245	273.00	625
50.00	3050	116.00	190	189.00	181	274.00	1504
51.00	12361	117.00	3940	192.00	206	275.00	8402
52.00	728	118.00	201	193.00	442	276.00	1086
56.00	339	122.00	253	196.00	778	277.00	753
57.00	981	123.00	601	198.00	28776	296.00	2874
63.00	443	127.00	15133	199.00	1880	297.00	226
69.00	12211	128.00	1201	204.00	1119	303.00	211
74.00	1212	129.00	6503	205.00	1995	315.00	212
75.00	2085	130.00	496	206.00	7480	323.00	847
76.00	656	135.00	613	207.00	1137	327.00	177
77.00	13189	137.00	185	208.00	197	334.00	687
78.00	945	141.00	978	211.00	184	346.00	186
79.00	928	142.00	169	217.00	2247	352.00	273
80.00	726	147.00	408	218.00	212	354.00	211
81.00	1135	148.00	928	221.00	1299	365.00	1476
82.00	201	153.00	189	223.00	491	366.00	173
83.00	205	155.00	493	224.00	4425	372.00	389
84.00	340	156.00	573	225.00	1098	402.00	189
86.00	563	161.00	209	227.00	2191	421.00	188
91.00	229	165.00	176	229.00	209	422.00	213
93.00	1841	167.00	1537	243.00	188	423.00	1919
98.00	1254	168.00	738	244.00	3240	424.00	282
99.00	1063	174.00	239	245.00	289	441.00	4231
101.00	566	175.00	623	246.00	826	442.00	27536
104.00	244	179.00	1121	254.00	187	443.00	5328
105.00	493	180.00	787	255.00	18816	444.00	404
107.00	4630	181.00	426	256.00	2628		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87314/1-A
 Matrix: Solid Lab File ID: z10289.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
 Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: _____ Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	41
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
98-86-2	Acetophenone	330	U	330	49
106-44-5	4-Methylphenol	330	U	330	54
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-83-2	2,4-Dichlorophenol	330	U	330	53
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	1,1'-Biphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
131-11-3	Dimethyl phthalate	330	U	330	45
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
51-28-5	2,4-Dinitrophenol	1000	U	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87314/1-A
 Matrix: Solid Lab File ID: z10289.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
 Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: _____ Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
1912-24-9	Atrazine	330	U	330	62
87-86-5	Pentachlorophenol	1000	U	1000	160
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
84-74-2	Di-n-butyl phthalate	330	U	330	51
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	39
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87314/1-A
Matrix: Solid Lab File ID: z10289.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:59
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	65		10-120
321-60-8	2-Fluorobiphenyl	83		40-109
367-12-4	2-Fluorophenol (Surr)	77		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	78		41-118
1718-51-0	Terphenyl-d14 (Surr)	85		16-151

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87314/1-A
Matrix: Solid Lab File ID: z10289.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:59
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg
Number TICs Found: 1 TIC Result Total: 7410

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.28	7410	A J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10289.d
 Report Date: 28-Sep-2011 09:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10289.d
 Lab Smp Id: MB 460-87314/1-A
 Inj Date : 28-SEP-2011 00:59
 Operator : BNAMS 4
 Smp Info : MB 460-87314/1-A
 Misc Info : MB 460-87314/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa
 Cal Date : 28-SEP-2011 00:00
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10287.d

QC Sample: BLANK

Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	FINAL
							(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)		112	2.552	2.499	(0.678)	1568922	77.1294	5100
\$ 17 Phenol-d5 (SUR)		99	3.434	3.434	(0.912)	1935570	78.1691	5200
* 79 1,4-Dichlorobenzene-d4		152	3.763	3.763	(1.000)	582738	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.322	4.340	(0.856)	930995	39.9794	2700
* 80 Naphthalene-d8		136	5.051	5.057	(1.000)	2267986	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	6.145	6.151	(0.904)	1669845	41.3455	2800
* 82 Acenaphthene-d10		164	6.798	6.804	(1.000)	1168009	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.575	7.581	(1.114)	376845	65.0263	4300
* 83 Phenanthrene-d10		188	8.245	8.251	(1.000)	1646769	40.0000	
\$ 78 Terphenyl-d14		244	9.816	9.816	(0.903)	1100639	42.6118	2800
* 81 Chrysene-d12		240	10.875	10.880	(1.000)	743693	40.0000	
* 84 Perylene-d12		264	12.627	12.627	(1.000)	487217	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10289.d
 Report Date: 28-Sep-2011 09:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10289.d
 Lab Smp Id: MB 460-87314/1-A
 Inj Date : 28-SEP-2011 00:59
 Operator : BNAMS 4
 Smp Info : MB 460-87314/1-A
 Misc Info : MB 460-87314/1-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa
 Cal Date : 28-SEP-2011 00:00
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10287.d

QC Sample: BLANK

Compound Sublist: all-soil.sub

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

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.763	3740811	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate					CAS #:		
2.281	10399809	111.203783	7400	0		0	79

Data File: z10289.d

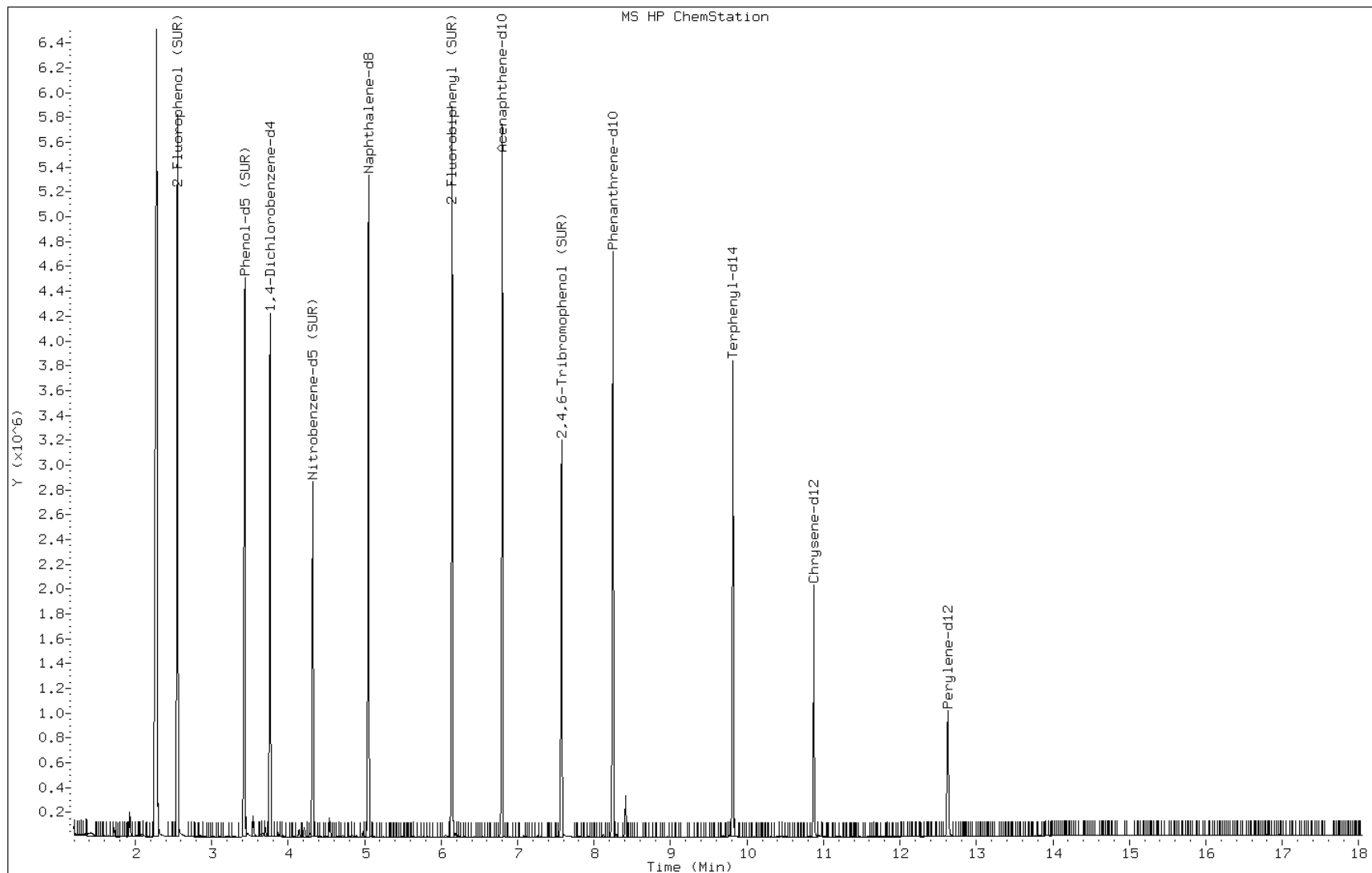
Date: 28-SEP-2011 00:59

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-87314/1-A

Operator: BNAMS 4



Data File: z10289.d

Date: 28-SEP-2011 00:59

Client ID:

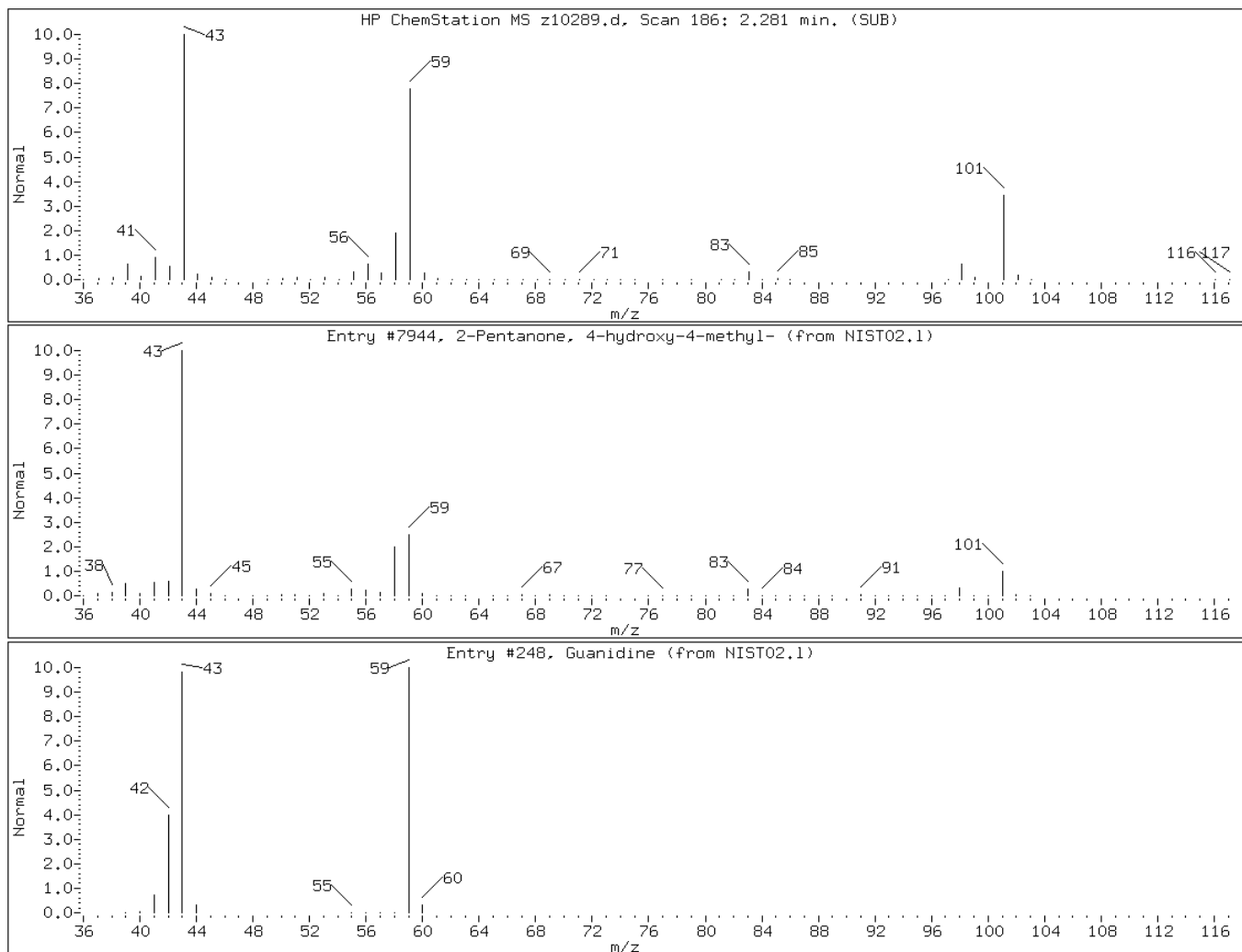
Instrument: BNAMS11.i

Sample Info: MB 460-87314/1-A

Operator: BNAMS 4

Retention Time: 2.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7944	64	C6H12O2	116
Guanidine	113-00-8	NIST02.1	248	47	CH5N3	59



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-87314/2-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10288.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 00:34</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2180		330	21
108-95-2	Phenol	5030		330	41
111-44-4	Bis(2-chloroethyl)ether	2500		33	6.9
95-57-8	2-Chlorophenol	5230		330	44
95-48-7	2-Methylphenol	5310		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2440		330	43
98-86-2	Acetophenone	2550		330	49
106-44-5	4-Methylphenol	4690		330	54
621-64-7	N-Nitrosodi-n-propylamine	2330		33	4.4
67-72-1	Hexachloroethane	2400		33	5.6
98-95-3	Nitrobenzene	2480		33	7.4
78-59-1	Isophorone	2650		330	38
88-75-5	2-Nitrophenol	5220		330	54
105-67-9	2,4-Dimethylphenol	5070		330	53
111-91-1	Bis(2-chloroethoxy)methane	2620		330	47
120-83-2	2,4-Dichlorophenol	5380		330	53
91-20-3	Naphthalene	2560		330	48
106-47-8	4-Chloroaniline	1880		330	42
87-68-3	Hexachlorobutadiene	2570		67	13
105-60-2	Caprolactam	1840		330	45
59-50-7	4-Chloro-3-methylphenol	5370		330	56
91-57-6	2-Methylnaphthalene	2640		330	48
77-47-4	Hexachlorocyclopentadiene	1680		330	97
88-06-2	2,4,6-Trichlorophenol	5510		330	59
95-95-4	2,4,5-Trichlorophenol	5200		330	64
92-52-4	1,1'-Biphenyl	2760		330	55
91-58-7	2-Chloronaphthalene	2680		330	47
88-74-4	2-Nitroaniline	3200		670	91
131-11-3	Dimethyl phthalate	2680		330	45
606-20-2	2,6-Dinitrotoluene	2690		67	8.4
208-96-8	Acenaphthylene	2600		330	47
99-09-2	3-Nitroaniline	1880		670	75
83-32-9	Acenaphthene	2630		330	47
51-28-5	2,4-Dinitrophenol	890	J	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87314/2-A

Matrix: Solid Lab File ID: z10288.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/26/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:34

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5020		1000	85
132-64-9	Dibenzofuran	2710		330	50
121-14-2	2,4-Dinitrotoluene	2630		67	9.7
84-66-2	Diethyl phthalate	2650		330	44
86-73-7	Fluorene	2680		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2780		330	57
100-01-6	4-Nitroaniline	2340		670	68
534-52-1	4,6-Dinitro-2-methylphenol	1860		1000	160
86-30-6	N-Nitrosodiphenylamine	2890		330	54
101-55-3	4-Bromophenyl phenyl ether	2870		330	59
118-74-1	Hexachlorobenzene	2880		33	4.6
1912-24-9	Atrazine	2650		330	62
87-86-5	Pentachlorophenol	4310		1000	160
85-01-8	Phenanthrene	2740		330	58
120-12-7	Anthracene	2730		330	58
86-74-8	Carbazole	2700		330	53
84-74-2	Di-n-butyl phthalate	2690		330	51
206-44-0	Fluoranthene	2690		330	55
129-00-0	Pyrene	2790		330	57
85-68-7	Butyl benzyl phthalate	2710		330	39
91-94-1	3,3'-Dichlorobenzidine	2100		670	73
56-55-3	Benzo[a]anthracene	2830		33	6.1
218-01-9	Chrysene	2830		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2720		330	44
117-84-0	Di-n-octyl phthalate	2620		330	39
205-99-2	Benzo[b]fluoranthene	2740		33	4.9
207-08-9	Benzo[k]fluoranthene	2820		33	4.6
50-32-8	Benzo[a]pyrene	2690		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2980		33	5.3
53-70-3	Dibenz(a,h)anthracene	2870		33	4.0
191-24-2	Benzo[g,h,i]perylene	2850		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-87314/2-A
Matrix: Solid Lab File ID: z10288.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 00:34
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	73		10-120
321-60-8	2-Fluorobiphenyl	75		40-109
367-12-4	2-Fluorophenol (Surr)	68		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	71		38-105
4165-62-2	Phenol-d5 (Surr)	70		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10288.d
 Report Date: 28-Sep-2011 01:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10288.d
 Lab Smp Id: LCS 460-87314/2-A
 Inj Date : 28-SEP-2011 00:34
 Operator : BNAMS 4
 Smp Info : LCS 460-87314/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa
 Cal Date : 28-SEP-2011 00:00
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i
 Quant Type: ISTD
 Cal File: z10287.d
 QC Sample: LCS
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.322	1.222	(0.351)	176348	19.9232	1300
19 N-Nitrosodimethylamine	74	1.516	1.428	(0.403)	405037	34.8198	2300(H)
71 Pyridine	79	1.534	1.446	(0.408)	566289	26.8689	1800
\$ 16 2-Fluorophenol (SUR)	112	2.540	2.499	(0.675)	1276311	67.5373	4500
110 Benzaldehyde	77	3.322	3.310	(0.883)	291195	32.7623	2200
73 Aniline	93	3.440	3.434	(0.914)	848018	29.7980	2000
\$ 17 Phenol-d5 (SUR)	99	3.440	3.434	(0.914)	1602312	69.6534	4600
1 Phenol	94	3.457	3.451	(0.919)	1847387	75.4910	5000
20 bis(2-Chloroethyl)ether	93	3.516	3.510	(0.934)	698814	37.5335	2500
2 2-Chlorophenol	128	3.563	3.557	(0.947)	1520643	78.5039	5200
113 n-decane	43	3.628	3.628	(0.964)	557958	32.4034	2200
21 1,3-Dichlorobenzene	146	3.710	3.710	(0.986)	802529	35.8682	2400
* 79 1,4-Dichlorobenzene-d4	152	3.763	3.763	(1.000)	541383	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10288.d
 Report Date: 28-Sep-2011 01:08

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.781	3.781	(1.005)	824939	36.0070	2400
74 Benzyl Alcohol	108	3.928	3.928	(1.044)	475857	51.3086	3400
23 1,2-Dichlorobenzene	146	3.934	3.934	(1.045)	784478	36.6549	2400
24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.078)	726003	36.5944	2400
3 2-Methylphenol	108	4.051	4.063	(1.077)	1335888	79.6640	5300
104 Acetophenone	105	4.187	4.193	(1.113)	985664	38.1924	2500
25 N-Nitroso-di-n-propylamine	70	4.204	4.210	(1.117)	451260	34.9956	2300
4 4-Methylphenol	108	4.222	4.222	(1.122)	1305498	70.3987	4700
121 3 & 4 Methylphenol	108	4.222	4.222	(1.122)	1305498	70.3987	4700
26 Hexachloroethane	117	4.269	4.275	(1.134)	317519	35.9529	2400
\$ 76 Nitrobenzene-d5 (SUR)	82	4.334	4.340	(0.857)	736504	35.5477	2400
27 Nitrobenzene	77	4.357	4.363	(0.862)	1062832	37.1397	2500
107 N,N-Dimethylaniline	120	4.363	4.363	(1.159)	1035687	35.0432	2300
28 Isophorone	82	4.616	4.604	(0.913)	1284754	39.7020	2600
5 2-Nitrophenol	139	4.681	4.681	(0.926)	794948	78.3389	5200
6 2,4-Dimethylphenol	122	4.757	4.757	(0.941)	1218922	75.9811	5100
29 bis(2-Chloroethoxy)methane	93	4.839	4.840	(0.957)	780998	39.3138	2600
7 2,4-Dichlorophenol	162	4.934	4.934	(0.976)	1116336	80.7682	5400
30 1,2,4-Trichlorobenzene	180	5.004	5.010	(0.990)	608404	38.3246	2600
* 80 Naphthalene-d8	136	5.057	5.057	(1.000)	2017870	40.0000	
31 Naphthalene	128	5.075	5.081	(1.003)	2169538	38.3627	2600
32 4-Chloroaniline	127	5.145	5.145	(1.017)	579941	28.2534	1900
33 Hexachlorobutadiene	225	5.216	5.222	(1.031)	368852	38.5600	2600
111 Caprolactam	113	5.551	5.540	(1.098)	123832	27.6741	1800
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.122)	1241760	80.5835	5400
34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1348366	39.5862	2600
35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	222706	25.2392	1700
9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	746003	82.6135	5500
10 2,4,5-Trichlorophenol	196	6.116	6.116	(0.899)	741985	77.9846	5200
\$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1307256	37.7221	2500
36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	1190822	40.1701	2700
102 Diphenyl	154	6.245	6.245	(0.918)	1704359	41.4528	2800
103 Diphenyl Ether	170	6.351	6.351	(0.933)	850435	41.0757	2700
37 2-Nitroaniline	65	6.369	6.375	(0.936)	466966	47.9802	3200
38 Dimethylphthalate	163	6.569	6.569	(0.965)	1264093	40.2605	2700
40 2,6-Dinitrotoluene	165	6.616	6.622	(0.972)	292787	40.3886	2700
39 Acenaphthylene	152	6.663	6.663	(0.979)	1883762	39.0641	2600
41 3-Nitroaniline	138	6.775	6.781	(0.996)	223734	28.2560	1900
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	1002220	40.0000	
42 Acenaphthene	154	6.833	6.839	(1.004)	1183400	39.4689	2600
11 2,4-Dinitrophenol	184	6.880	6.886	(1.011)	56232	13.3519	890(a)
12 4-Nitrophenol	65	6.986	6.981	(1.027)	470848	75.3484	5000
43 Dibenzofuran	168	7.004	7.004	(1.029)	1653636	40.6854	2700
44 2,4-Dinitrotoluene	165	7.010	7.022	(1.030)	372240	39.4472	2600
45 Diethylphthalate	149	7.263	7.263	(1.067)	1307208	39.7377	2600
47 Fluorene	166	7.339	7.345	(1.079)	1369008	40.2684	2700
46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	622680	41.7620	2800

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10288.d
 Report Date: 28-Sep-2011 01:08

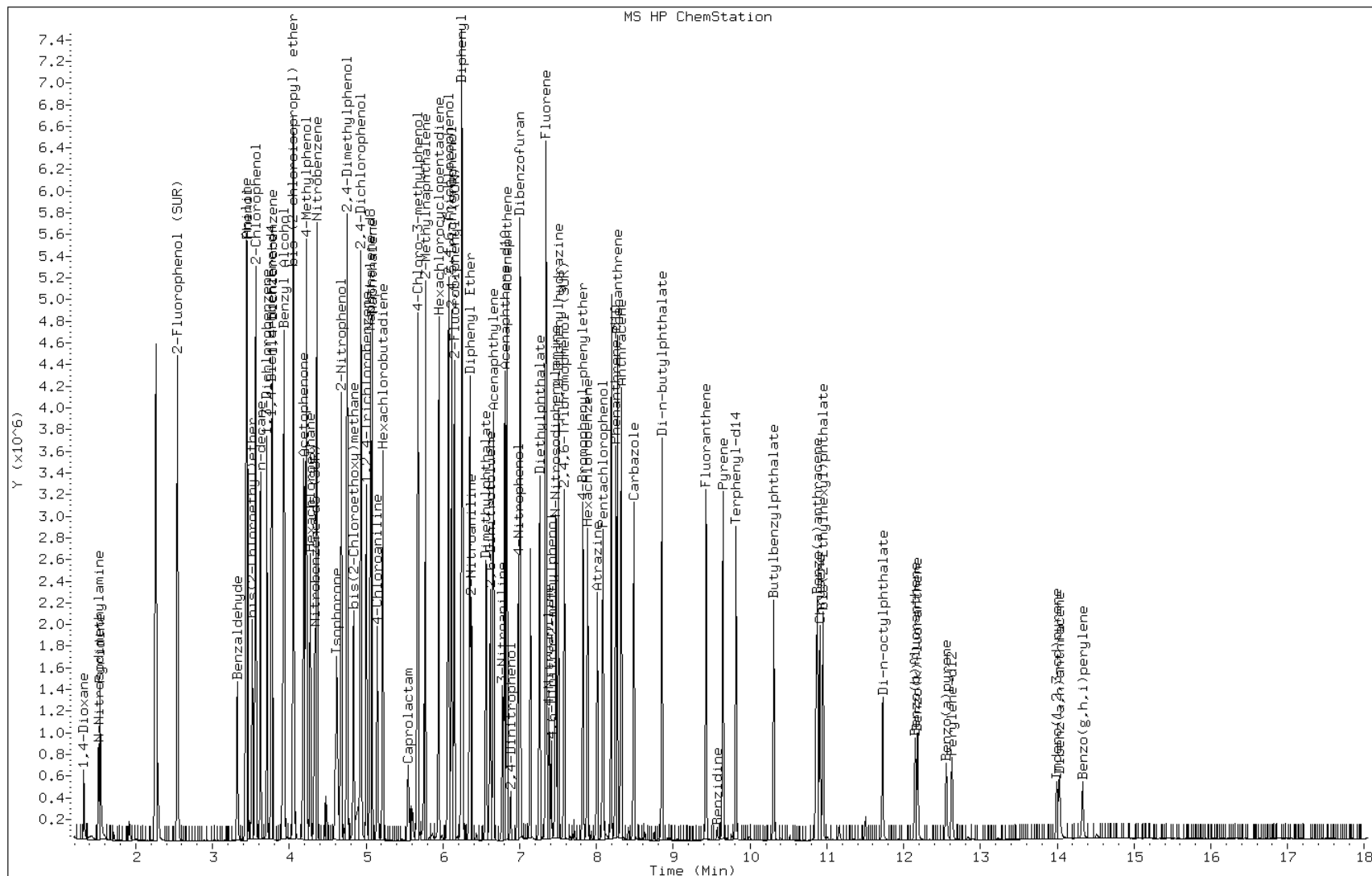
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.380	7.386	(1.085)	223208	35.0487	2300
13 4,6-Dinitro-2-methylphenol	198	7.416	7.416	(0.899)	128115	27.9120	1900
49 N-Nitrosodiphenylamine	169	7.475	7.475	(0.906)	891230	43.3113	2900
75 1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	1553890	41.9452	2800
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.580	7.581	(1.114)	363099	73.0187	4900
50 4-Bromophenyl-phenylether	248	7.822	7.828	(0.948)	349357	42.9946	2900
51 Hexachlorobenzene	284	7.886	7.886	(0.956)	384183	43.2458	2900
112 Atrazine	200	8.010	8.010	(0.971)	271085	39.7001	2600
14 Pentachlorophenol	266	8.086	8.081	(0.980)	328393	64.5865	4300
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1310757	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	1609804	41.0345	2700
53 Anthracene	178	8.322	8.322	(1.009)	1610057	40.9852	2700
54 Carbazole	167	8.486	8.486	(1.028)	1268280	40.5492	2700
55 Di-n-butylphthalate	149	8.851	8.851	(1.073)	1742782	40.4037	2700
56 Fluoranthene	202	9.427	9.428	(1.143)	1272875	40.3596	2700
58 Benzidine	184	9.569	9.569	(1.160)	39656	8.29738	550
57 Pyrene	202	9.645	9.645	(0.886)	1237134	41.8248	2800
\$ 78 Terphenyl-d14	244	9.816	9.816	(0.902)	787174	38.5574	2600
59 Butylbenzylphthalate	149	10.310	10.310	(0.948)	504165	40.6804	2700
61 Benzo(a)anthracene	228	10.868	10.869	(0.999)	749009	42.4650	2800
60 3,3'-Dichlorobenzidine	252	10.851	10.851	(0.997)	169023	31.4983	2100
* 81 Chrysene-d12	240	10.880	10.880	(1.000)	587816	40.0000	
62 Chrysene	228	10.910	10.910	(1.003)	722694	42.4077	2800
63 bis(2-Ethylhexyl)phthalate	149	10.945	10.945	(1.006)	672919	40.7905	2700
64 Di-n-octylphthalate	149	11.727	11.721	(0.929)	845196	39.2824	2600
65 Benzo(b)fluoranthene	252	12.151	12.145	(0.962)	482185	41.0487	2700
66 Benzo(k)fluoranthene	252	12.186	12.180	(0.965)	551856	42.2831	2800
67 Benzo(a)pyrene	252	12.557	12.551	(0.994)	384033	40.3413	2700
* 84 Perylene-d12	264	12.627	12.627	(1.000)	375608	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.109)	343137	44.7007	3000
69 Dibenz(a,h)anthracene	278	14.027	14.027	(1.111)	345709	43.0502	2900
70 Benzo(g,h,i)perylene	276	14.333	14.327	(1.135)	341223	42.7812	2800

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Instrument: BNAMS11.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-30924-A-5-L MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10291.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/08/2011 12:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>09/28/2011 02:16</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>9.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2230		360	23
108-95-2	Phenol	6260		360	45
111-44-4	Bis(2-chloroethyl)ether	3020		36	7.6
95-57-8	2-Chlorophenol	6540		360	49
95-48-7	2-Methylphenol	6500		360	52
108-60-1	2,2'-oxybis[1-chloropropane]	2850		360	48
98-86-2	Acetophenone	3080		360	54
106-44-5	4-Methylphenol	5720		360	60
621-64-7	N-Nitrosodi-n-propylamine	2690		36	4.8
67-72-1	Hexachloroethane	2680		36	6.2
98-95-3	Nitrobenzene	2930		36	8.2
78-59-1	Isophorone	3240		360	42
88-75-5	2-Nitrophenol	6500		360	60
105-67-9	2,4-Dimethylphenol	6240		360	58
111-91-1	Bis(2-chloroethoxy)methane	3330		360	52
120-83-2	2,4-Dichlorophenol	6610		360	58
91-20-3	Naphthalene	3110		360	53
106-47-8	4-Chloroaniline	2380		360	46
87-68-3	Hexachlorobutadiene	3120		74	15
105-60-2	Caprolactam	1700		360	50
59-50-7	4-Chloro-3-methylphenol	6260		360	61
91-57-6	2-Methylnaphthalene	3260		360	53
77-47-4	Hexachlorocyclopentadiene	3140		360	110
88-06-2	2,4,6-Trichlorophenol	6850		360	65
95-95-4	2,4,5-Trichlorophenol	6520		360	70
92-52-4	1,1'-Biphenyl	3660		360	60
91-58-7	2-Chloronaphthalene	3520		360	51
88-74-4	2-Nitroaniline	2980		740	100
131-11-3	Dimethyl phthalate	3210		360	49
606-20-2	2,6-Dinitrotoluene	3190		74	9.3
208-96-8	Acenaphthylene	3300		360	52
99-09-2	3-Nitroaniline	2350		740	82
83-32-9	Acenaphthene	3380		360	52
51-28-5	2,4-Dinitrophenol	236	J	1100	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-30924-A-5-L MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10291.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/08/2011 12:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>09/28/2011 02:16</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>9.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4710		1100	94
132-64-9	Dibenzofuran	3360		360	55
121-14-2	2,4-Dinitrotoluene	2990		74	11
84-66-2	Diethyl phthalate	3030		360	49
86-73-7	Fluorene	3230		360	62
7005-72-3	4-Chlorophenyl phenyl ether	3380		360	63
100-01-6	4-Nitroaniline	1880		740	75
534-52-1	4,6-Dinitro-2-methylphenol	899	J	1100	170
86-30-6	N-Nitrosodiphenylamine	3850		360	59
101-55-3	4-Bromophenyl phenyl ether	3850		360	65
118-74-1	Hexachlorobenzene	3820		36	5.1
1912-24-9	Atrazine	3140		360	68
87-86-5	Pentachlorophenol	3600		1100	180
85-01-8	Phenanthrene	3530		360	64
120-12-7	Anthracene	3430		360	64
86-74-8	Carbazole	3180		360	58
84-74-2	Di-n-butyl phthalate	3150		360	56
206-44-0	Fluoranthene	3130		360	61
129-00-0	Pyrene	3420		360	63
85-68-7	Butyl benzyl phthalate	3240		360	43
91-94-1	3,3'-Dichlorobenzidine	2730		740	81
56-55-3	Benzo[a]anthracene	3620		36	6.7
218-01-9	Chrysene	3540		360	53
117-81-7	Bis(2-ethylhexyl) phthalate	3240		360	48
117-84-0	Di-n-octyl phthalate	2730		360	43
205-99-2	Benzo[b]fluoranthene	3450		36	5.4
207-08-9	Benzo[k]fluoranthene	3280		36	5.1
50-32-8	Benzo[a]pyrene	3370		36	4.5
193-39-5	Indeno[1,2,3-cd]pyrene	4040		36	5.8
53-70-3	Dibenz(a,h)anthracene	4080		36	4.4
191-24-2	Benzo[g,h,i]perylene	4150		360	38

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-30924-A-5-L MS
Matrix: Solid Lab File ID: z10291.d
Analysis Method: 8270C Date Collected: 09/08/2011 12:05
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.01(g) Date Analyzed: 09/28/2011 02:16
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 9.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-120
321-60-8	2-Fluorobiphenyl	97		40-109
367-12-4	2-Fluorophenol (Surr)	83		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	87		38-105
4165-62-2	Phenol-d5 (Surr)	84		41-118
1718-51-0	Terphenyl-d14 (Surr)	93		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10291.d
 Report Date: 28-Sep-2011 16:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10291.d
 Lab Smp Id: 460-30924-A-5-L MS Client Smp ID: SO-17338STP05
 Inj Date : 28-SEP-2011 02:16
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-30924-A-5-L MS
 Misc Info : 460-30924-A-5-L MS
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa Quant Type: ISTD
 Cal Date : 28-SEP-2011 00:00 Cal File: z10287.d
 Als bottle: 6 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	9.36768	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.328	1.222	(0.352)	147052	16.7442	1200
19 N-Nitrosodimethylamine		74	1.516	1.428	(0.402)	443437	38.4211	2800(H)
71 Pyridine		79	1.540	1.446	(0.409)	456366	21.8238	1600
\$ 16 2-Fluorophenol (SUR)		112	2.557	2.499	(0.679)	1549214	82.6236	6100
110 Benzaldehyde		77	3.322	3.310	(0.881)	267203	30.2996	2200
73 Aniline		93	3.446	3.434	(0.914)	935866	33.1437	2400
\$ 17 Phenol-d5 (SUR)		99	3.446	3.434	(0.914)	1917412	84.0072	6200
1 Phenol		94	3.463	3.451	(0.919)	2067166	85.1370	6200
20 bis(2-Chloroethyl)ether		93	3.522	3.510	(0.934)	759401	41.1088	3000
2 2-Chlorophenol		128	3.569	3.557	(0.947)	1708871	88.9158	6500
113 n-decane		43	3.622	3.628	(0.961)	502158	29.3924	2200
21 1,3-Dichlorobenzene		146	3.710	3.710	(0.984)	803671	36.2020	2700
* 79 1,4-Dichlorobenzene-d4		152	3.769	3.763	(1.000)	537154	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10291.d
 Report Date: 28-Sep-2011 16:52

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.781	3.781	(1.003)	840629	36.9807	2700
74 Benzyl Alcohol	108	3.928	3.928	(1.042)	537630	58.4256	4300(R)
23 1,2-Dichlorobenzene	146	3.934	3.934	(1.044)	811375	38.2101	2800
24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.076)	762909	38.7574	2800
3 2-Methylphenol	108	4.057	4.063	(1.076)	1472221	88.4853	6500
104 Acetophenone	105	4.193	4.193	(1.112)	1071312	41.8379	3100
25 N-Nitroso-di-n-propylamine	70	4.204	4.210	(1.115)	468645	36.6300	2700
4 4-Methylphenol	108	4.228	4.222	(1.122)	1432606	77.8611	5700
121 3 & 4 Methylphenol	108	4.228	4.222	(1.122)	1432606	77.8611	5700
26 Hexachloroethane	117	4.269	4.275	(1.133)	318911	36.3948	2700
\$ 76 Nitrobenzene-d5 (SUR)	82	4.334	4.340	(0.857)	875433	43.5492	3200
27 Nitrobenzene	77	4.357	4.363	(0.862)	1105326	39.8094	2900
107 N,N-Dimethylaniline	120	4.363	4.363	(1.158)	919129	31.3442	2300
28 Isophorone	82	4.616	4.604	(0.913)	1383135	44.0533	3200(M)
5 2-Nitrophenol	139	4.681	4.681	(0.926)	870115	88.3763	6500
6 2,4-Dimethylphenol	122	4.757	4.757	(0.941)	1321196	84.8824	6200
29 bis(2-Chloroethoxy)methane	93	4.840	4.840	(0.957)	872074	45.2449	3300
7 2,4-Dichlorophenol	162	4.934	4.934	(0.976)	1205071	89.8626	6600
30 1,2,4-Trichlorobenzene	180	5.004	5.010	(0.990)	651257	42.2823	3100
* 80 Naphthalene-d8	136	5.057	5.057	(1.000)	1957819	40.0000	
31 Naphthalene	128	5.075	5.081	(1.003)	2320888	42.2977	3100
32 4-Chloroaniline	127	5.145	5.145	(1.017)	644767	32.3751	2400
33 Hexachlorobutadiene	225	5.216	5.222	(1.031)	394402	42.4956	3100
111 Caprolactam	113	5.545	5.540	(1.097)	100663	23.1863	1700
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.122)	1273852	85.2017	6300
34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1465099	44.3327	3200
35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	337942	42.7595	3100
9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	753191	93.1242	6800
10 2,4,5-Trichlorophenol	196	6.116	6.116	(0.899)	755962	88.7077	6500
\$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1500408	48.3384	3600
36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	1270666	47.8558	3500
102 Diphenyl	154	6.245	6.245	(0.918)	1835706	49.8475	3700
103 Diphenyl Ether	170	6.351	6.351	(0.933)	903492	48.7210	3600
37 2-Nitroaniline	65	6.369	6.375	(0.936)	353162	40.5133	3000
38 Dimethylphthalate	163	6.563	6.569	(0.965)	1229970	43.7363	3200
40 2,6-Dinitrotoluene	165	6.616	6.622	(0.972)	281994	43.4305	3200
39 Acenaphthylene	152	6.657	6.663	(0.978)	1941921	44.9605	3300
41 3-Nitroaniline	138	6.775	6.781	(0.996)	226666	31.9604	2300
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	897668	40.0000	
42 Acenaphthene	154	6.834	6.839	(1.004)	1233986	45.9495	3400
11 2,4-Dinitrophenol	184	6.881	6.886	(1.011)	12100	3.20770	240(aR)
12 4-Nitrophenol	65	6.981	6.981	(1.026)	358650	64.0784	4700
43 Dibenzofuran	168	7.004	7.004	(1.029)	1662673	45.6723	3400
44 2,4-Dinitrotoluene	165	7.010	7.022	(1.030)	344021	40.7029	3000
45 Diethylphthalate	149	7.263	7.263	(1.067)	1215086	41.2394	3000
47 Fluorene	166	7.339	7.345	(1.079)	1337943	43.9383	3200
46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	613983	45.9748	3400

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10291.d
 Report Date: 28-Sep-2011 16:52

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.375	7.386	(1.084)	145776	25.5561	1900
13 4,6-Dinitro-2-methylphenol	198	7.410	7.416	(0.898)	43822	12.2363	900(a)
49 N-Nitrosodiphenylamine	169	7.469	7.475	(0.905)	840294	52.3374	3800
75 1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	1494061	51.6892	3800(R)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.581	(1.114)	344708	77.3941	5700
50 4-Bromophenyl-phenylether	248	7.822	7.828	(0.948)	332425	52.4334	3800(R)
51 Hexachlorobenzene	284	7.886	7.886	(0.956)	360281	51.9776	3800
112 Atrazine	200	8.004	8.010	(0.970)	227755	42.7487	3100
14 Pentachlorophenol	266	8.081	8.081	(0.979)	194535	49.0360	3600
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1022711	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	1469925	48.0221	3500
53 Anthracene	178	8.322	8.322	(1.009)	1428290	46.5985	3400
54 Carbazole	167	8.486	8.486	(1.028)	1056214	43.2801	3200
55 Di-n-butylphthalate	149	8.851	8.851	(1.073)	1442595	42.8639	3200
56 Fluoranthene	202	9.428	9.428	(1.143)	1046186	42.5147	3100
58 Benzidine	184	9.580	9.569	(1.161)	3620	0.97076	71(aR)
57 Pyrene	202	9.645	9.645	(0.887)	988676	46.4954	3400
\$ 78 Terphenyl-d14	244	9.810	9.816	(0.902)	682914	46.5309	3400
59 Butylbenzylphthalate	149	10.304	10.310	(0.948)	392369	44.0398	3200
61 Benzo(a)anthracene	228	10.863	10.869	(0.999)	624462	49.2481	3600
60 3,3'-Dichlorobenzidine	252	10.851	10.851	(0.998)	143442	37.1840	2700
* 81 Chrysene-d12	240	10.874	10.880	(1.000)	422574	40.0000	
62 Chrysene	228	10.904	10.910	(1.003)	590589	48.2074	3500
63 bis(2-Ethylhexyl)phthalate	149	10.945	10.945	(1.006)	523275	44.1230	3200
64 Di-n-octylphthalate	149	11.722	11.721	(0.928)	683024	37.1838	2700
65 Benzo(b)fluoranthene	252	12.145	12.145	(0.962)	470766	46.9427	3400
66 Benzo(k)fluoranthene	252	12.180	12.180	(0.965)	497849	44.6802	3300
67 Benzo(a)pyrene	252	12.551	12.551	(0.994)	372274	45.8058	3400(R)
* 84 Perylene-d12	264	12.627	12.627	(1.000)	320670	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.998	13.998	(1.109)	360264	54.9724	4000(R)
69 Dibenz(a,h)anthracene	278	14.027	14.027	(1.111)	380132	55.4467	4100(R)
70 Benzo(g,h,i)perylene	276	14.333	14.327	(1.135)	384044	56.3991	4100(R)

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: z10291.d

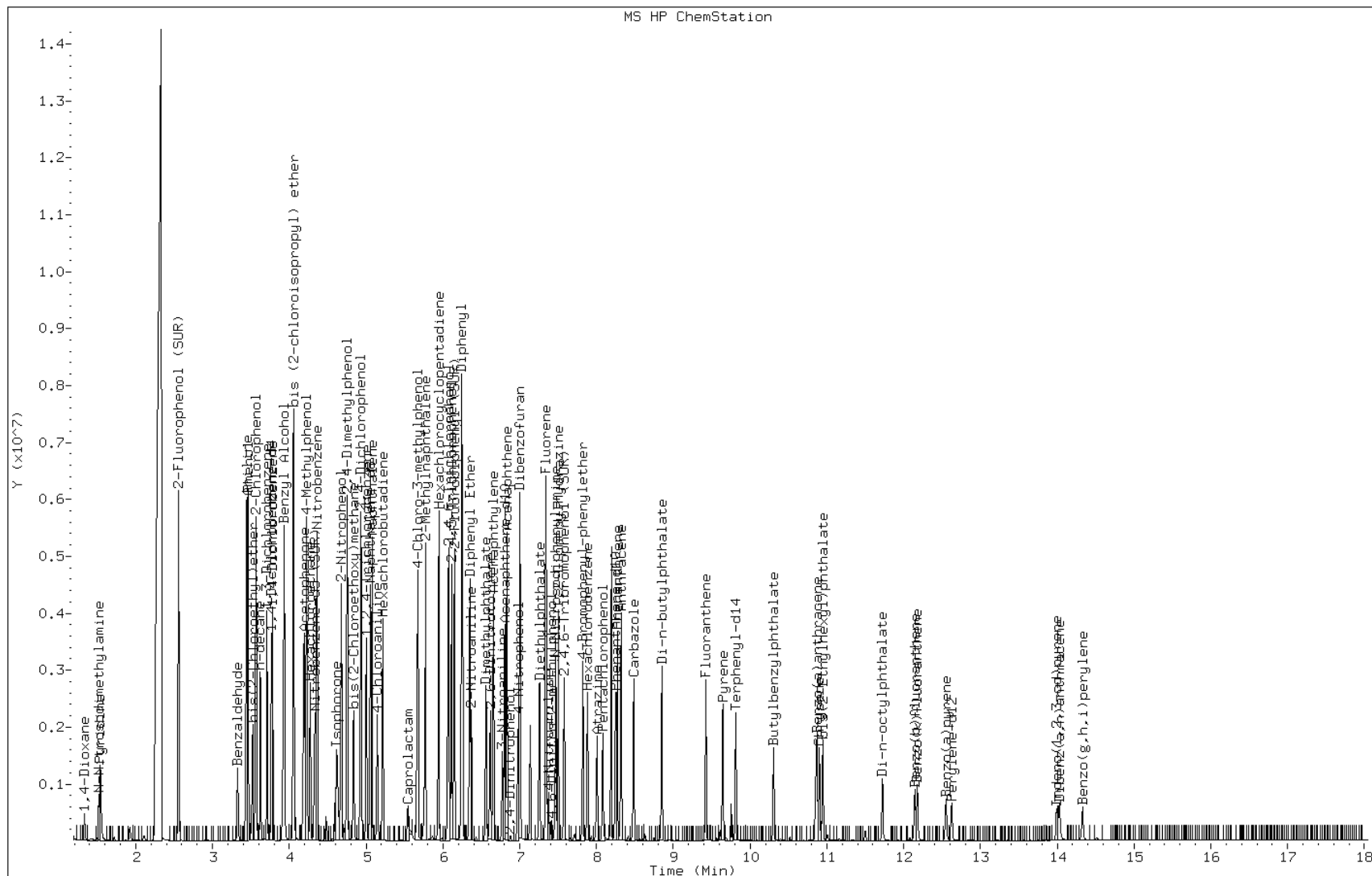
Date: 28-SEP-2011 02:16

Client ID: SO-17338STP05

Instrument: BNAMS11.i

Sample Info: 460-30924-A-5-L MS

Operator: BNAMS 4

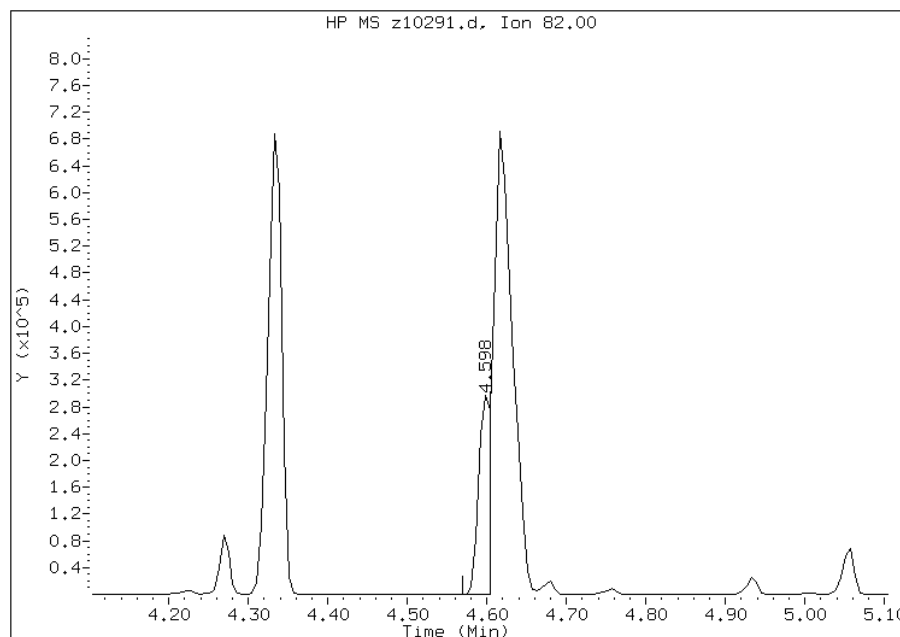


Manual Integration Report

Data File: z10291.d
Inj. Date and Time: 28-SEP-2011 02:16
Instrument ID: BNAMS11.i
Client ID: SO-17338STP05
Compound: 28 Isophorone
CAS #: 78-59-1
Report Date: 09/28/2011

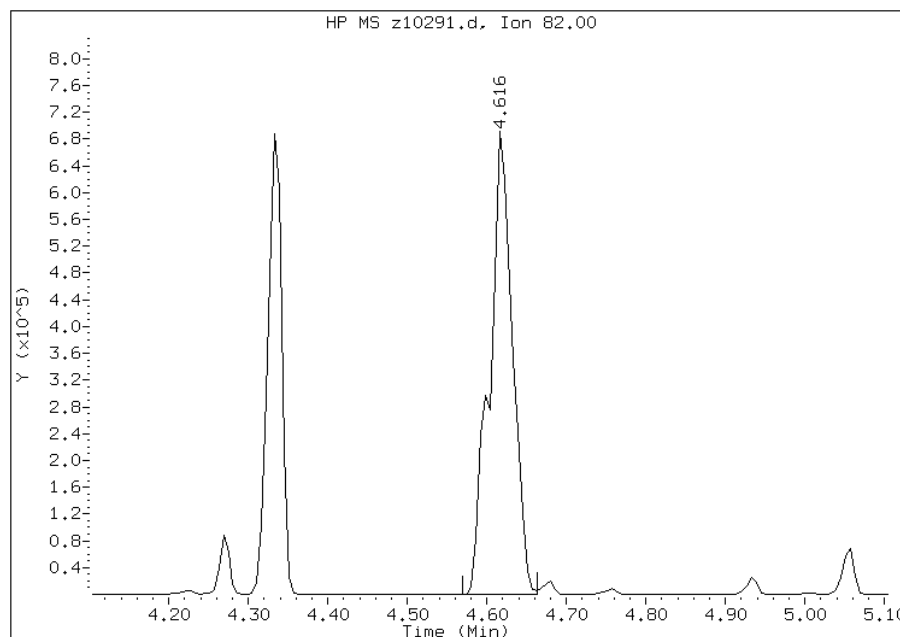
Processing Integration Results

RT: 4.60
Response: 319239
Amount: 10
Conc: 747



Manual Integration Results

RT: 4.62
Response: 1383135
Amount: 44
Conc: 3238



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-30924-A-5-M MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10292.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/08/2011 12:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>09/28/2011 02:40</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>9.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2220		360	23
108-95-2	Phenol	6300		360	45
111-44-4	Bis(2-chloroethyl)ether	2980		36	7.6
95-57-8	2-Chlorophenol	6510		360	49
95-48-7	2-Methylphenol	6550		360	52
108-60-1	2,2'-oxybis[1-chloropropane]	2800		360	48
98-86-2	Acetophenone	3080		360	54
106-44-5	4-Methylphenol	5770		360	60
621-64-7	N-Nitrosodi-n-propylamine	2630		36	4.8
67-72-1	Hexachloroethane	2650		36	6.1
98-95-3	Nitrobenzene	2840		36	8.2
78-59-1	Isophorone	3170		360	42
88-75-5	2-Nitrophenol	6280		360	60
105-67-9	2,4-Dimethylphenol	6160		360	58
111-91-1	Bis(2-chloroethoxy)methane	3250		360	52
120-83-2	2,4-Dichlorophenol	6550		360	58
91-20-3	Naphthalene	3040		360	53
106-47-8	4-Chloroaniline	2420		360	46
87-68-3	Hexachlorobutadiene	3030		74	15
105-60-2	Caprolactam	1690		360	50
59-50-7	4-Chloro-3-methylphenol	6290		360	61
91-57-6	2-Methylnaphthalene	3210		360	53
77-47-4	Hexachlorocyclopentadiene	3040		360	110
88-06-2	2,4,6-Trichlorophenol	6730		360	65
95-95-4	2,4,5-Trichlorophenol	6210		360	70
92-52-4	1,1'-Biphenyl	3500		360	60
91-58-7	2-Chloronaphthalene	3370		360	51
88-74-4	2-Nitroaniline	2930		740	100
131-11-3	Dimethyl phthalate	3170		360	49
606-20-2	2,6-Dinitrotoluene	3150		74	9.3
208-96-8	Acenaphthylene	3240		360	52
99-09-2	3-Nitroaniline	2370		740	82
83-32-9	Acenaphthene	3250		360	52
51-28-5	2,4-Dinitrophenol	169	J	1100	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-30924-A-5-M MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10292.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/08/2011 12:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/26/2011 12:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>09/28/2011 02:40</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>9.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87606</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4550		1100	94
132-64-9	Dibenzofuran	3290		360	55
121-14-2	2,4-Dinitrotoluene	2980		74	11
84-66-2	Diethyl phthalate	3030		360	49
86-73-7	Fluorene	3180		360	62
7005-72-3	4-Chlorophenyl phenyl ether	3290		360	63
100-01-6	4-Nitroaniline	2000		740	75
534-52-1	4,6-Dinitro-2-methylphenol	718	J	1100	170
86-30-6	N-Nitrosodiphenylamine	3720		360	59
101-55-3	4-Bromophenyl phenyl ether	3760		360	65
118-74-1	Hexachlorobenzene	3740		36	5.1
1912-24-9	Atrazine	3140		360	68
87-86-5	Pentachlorophenol	3160		1100	180
85-01-8	Phenanthrene	3440		360	64
120-12-7	Anthracene	3430		360	64
86-74-8	Carbazole	3200		360	58
84-74-2	Di-n-butyl phthalate	3220		360	56
206-44-0	Fluoranthene	3150		360	61
129-00-0	Pyrene	3400		360	63
85-68-7	Butyl benzyl phthalate	3230		360	43
91-94-1	3,3'-Dichlorobenzidine	2640		740	81
56-55-3	Benzo[a]anthracene	3560		36	6.7
218-01-9	Chrysene	3440		360	53
117-81-7	Bis(2-ethylhexyl) phthalate	3230		360	48
117-84-0	Di-n-octyl phthalate	2760		360	43
205-99-2	Benzo[b]fluoranthene	3400		36	5.4
207-08-9	Benzo[k]fluoranthene	3200		36	5.1
50-32-8	Benzo[a]pyrene	3300		36	4.5
193-39-5	Indeno[1,2,3-cd]pyrene	3940		36	5.8
53-70-3	Dibenz(a,h)anthracene	3870		36	4.4
191-24-2	Benzo[g,h,i]perylene	3990		360	38

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-30924-A-5-M MSD
Matrix: Solid Lab File ID: z10292.d
Analysis Method: 8270C Date Collected: 09/08/2011 12:05
Extract. Method: 3541 Date Extracted: 09/26/2011 12:00
Sample wt/vol: 15.02(g) Date Analyzed: 09/28/2011 02:40
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 9.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87606 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	76		10-120
321-60-8	2-Fluorobiphenyl	93		40-109
367-12-4	2-Fluorophenol (Surr)	82		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	85		38-105
4165-62-2	Phenol-d5 (Surr)	84		41-118
1718-51-0	Terphenyl-d14 (Surr)	93		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10292.d
 Report Date: 28-Sep-2011 16:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10292.d
 Lab Smp Id: 460-30924-A-5-M MSD Client Smp ID: SO-17338STP05
 Inj Date : 28-SEP-2011 02:40
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-30924-A-5-M MSD
 Misc Info : 460-30924-A-5-M MSD
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 01:06 asfawa Quant Type: ISTD
 Cal Date : 28-SEP-2011 00:00 Cal File: z10287.d
 Als bottle: 7 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	9.36768	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.334	1.222	(0.354)	146151	16.3049	1200
19 N-Nitrosodimethylamine	74	1.522	1.428	(0.404)	449316	38.1428	2800(H)
71 Pyridine	79	1.546	1.446	(0.410)	458509	21.4826	1600
\$ 16 2-Fluorophenol (SUR)	112	2.557	2.499	(0.679)	1565500	81.8029	6000
110 Benzaldehyde	77	3.322	3.310	(0.881)	271777	30.1947	2200
73 Aniline	93	3.446	3.434	(0.914)	953555	33.0869	2400
\$ 17 Phenol-d5 (SUR)	99	3.446	3.434	(0.914)	1959439	84.1115	6200
1 Phenol	94	3.463	3.451	(0.919)	2125875	85.7834	6300
20 bis(2-Chloroethyl)ether	93	3.522	3.510	(0.934)	765967	40.6253	3000
2 2-Chlorophenol	128	3.569	3.557	(0.947)	1738453	88.6248	6500
113 n-decane	43	3.622	3.628	(0.961)	502566	28.8211	2100
21 1,3-Dichlorobenzene	146	3.710	3.710	(0.984)	815378	35.9862	2600
* 79 1,4-Dichlorobenzene-d4	152	3.769	3.763	(1.000)	548247	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10292.d
 Report Date: 28-Sep-2011 16:52

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.781	3.781	(1.003)	846826	36.4995	2700
74 Benzyl Alcohol	108	3.928	3.928	(1.042)	551820	58.7543	4300(R)
23 1,2-Dichlorobenzene	146	3.934	3.934	(1.044)	816384	37.6681	2800
24 bis (2-chloroisopropyl) ether	45	4.057	4.057	(1.076)	765875	38.1208	2800
3 2-Methylphenol	108	4.057	4.063	(1.076)	1514825	89.2038	6600
104 Acetophenone	105	4.193	4.193	(1.112)	1094879	41.8931	3100
25 N-Nitroso-di-n-propylamine	70	4.204	4.210	(1.115)	467030	35.7651	2600(H)
4 4-Methylphenol	108	4.228	4.222	(1.122)	1473898	78.4845	5800
121 3 & 4 Methylphenol	108	4.228	4.222	(1.122)	1473898	78.4845	5800
26 Hexachloroethane	117	4.269	4.275	(1.133)	322554	36.0658	2600
\$ 76 Nitrobenzene-d5 (SUR)	82	4.334	4.340	(0.857)	892014	42.5026	3100
27 Nitrobenzene	77	4.357	4.363	(0.862)	1121188	38.6776	2800
107 N,N-Dimethylaniline	120	4.363	4.363	(1.158)	926337	30.9509	2300
28 Isophorone	82	4.616	4.604	(0.913)	1416305	43.2073	3200(M)
5 2-Nitrophenol	139	4.681	4.681	(0.926)	878352	85.4504	6300
6 2,4-Dimethylphenol	122	4.757	4.757	(0.941)	1363030	83.8769	6200
29 bis(2-Chloroethoxy)methane	93	4.840	4.840	(0.957)	890514	44.2531	3200
7 2,4-Dichlorophenol	162	4.934	4.934	(0.976)	1248007	89.1394	6500
30 1,2,4-Trichlorobenzene	180	5.004	5.010	(0.990)	667927	41.5357	3000
* 80 Naphthalene-d8	136	5.057	5.057	(1.000)	2044024	40.0000	
31 Naphthalene	128	5.075	5.081	(1.003)	2373671	41.4352	3000
32 4-Chloroaniline	127	5.145	5.145	(1.017)	683648	32.8796	2400
33 Hexachlorobutadiene	225	5.216	5.222	(1.031)	399236	41.2023	3000
111 Caprolactam	113	5.545	5.540	(1.097)	103984	22.9411	1700
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.122)	1336346	85.6120	6300
34 2-Methylnaphthalene	142	5.775	5.775	(1.142)	1506753	43.6702	3200
35 Hexachlorocyclopentadiene	237	5.945	5.945	(0.874)	352513	41.4181	3000
9 2,4,6-Trichlorophenol	196	6.075	6.075	(0.893)	797575	91.5701	6700
10 2,4,5-Trichlorophenol	196	6.116	6.116	(0.899)	775362	84.4871	6200
\$ 77 2-Fluorobiphenyl (SUR)	172	6.151	6.151	(0.904)	1557260	46.5874	3400
36 2-Chloronaphthalene	162	6.257	6.257	(0.920)	1313093	45.9223	3400
102 Diphenyl	154	6.245	6.245	(0.918)	1888063	47.6082	3500
103 Diphenyl Ether	170	6.351	6.351	(0.933)	936988	46.9191	3400
37 2-Nitroaniline	65	6.369	6.375	(0.936)	375022	39.9489	2900
38 Dimethylphthalate	163	6.563	6.569	(0.965)	1307142	43.1613	3200
40 2,6-Dinitrotoluene	165	6.616	6.622	(0.972)	299838	42.8811	3200
39 Acenaphthylene	152	6.657	6.663	(0.978)	2048498	44.0412	3200
41 3-Nitroaniline	138	6.775	6.781	(0.996)	246005	32.2102	2400
* 82 Acenaphthene-d10	164	6.804	6.804	(1.000)	966699	40.0000	
42 Acenaphthene	154	6.834	6.839	(1.004)	1280805	44.2872	3200
11 2,4-Dinitrophenol	184	6.881	6.886	(1.011)	9330	2.29675	170(aR)
12 4-Nitrophenol	65	6.981	6.981	(1.026)	373523	61.9701	4600
43 Dibenzofuran	168	7.004	7.004	(1.029)	1758161	44.8465	3300
44 2,4-Dinitrotoluene	165	7.010	7.022	(1.030)	368837	40.5228	3000
45 Diethylphthalate	149	7.263	7.263	(1.067)	1308474	41.2378	3000
47 Fluorene	166	7.339	7.345	(1.079)	1418331	43.2521	3200
46 4-Chlorophenyl-phenylether	204	7.351	7.351	(1.080)	644070	44.7838	3300

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b/z10292.d
 Report Date: 28-Sep-2011 16:52

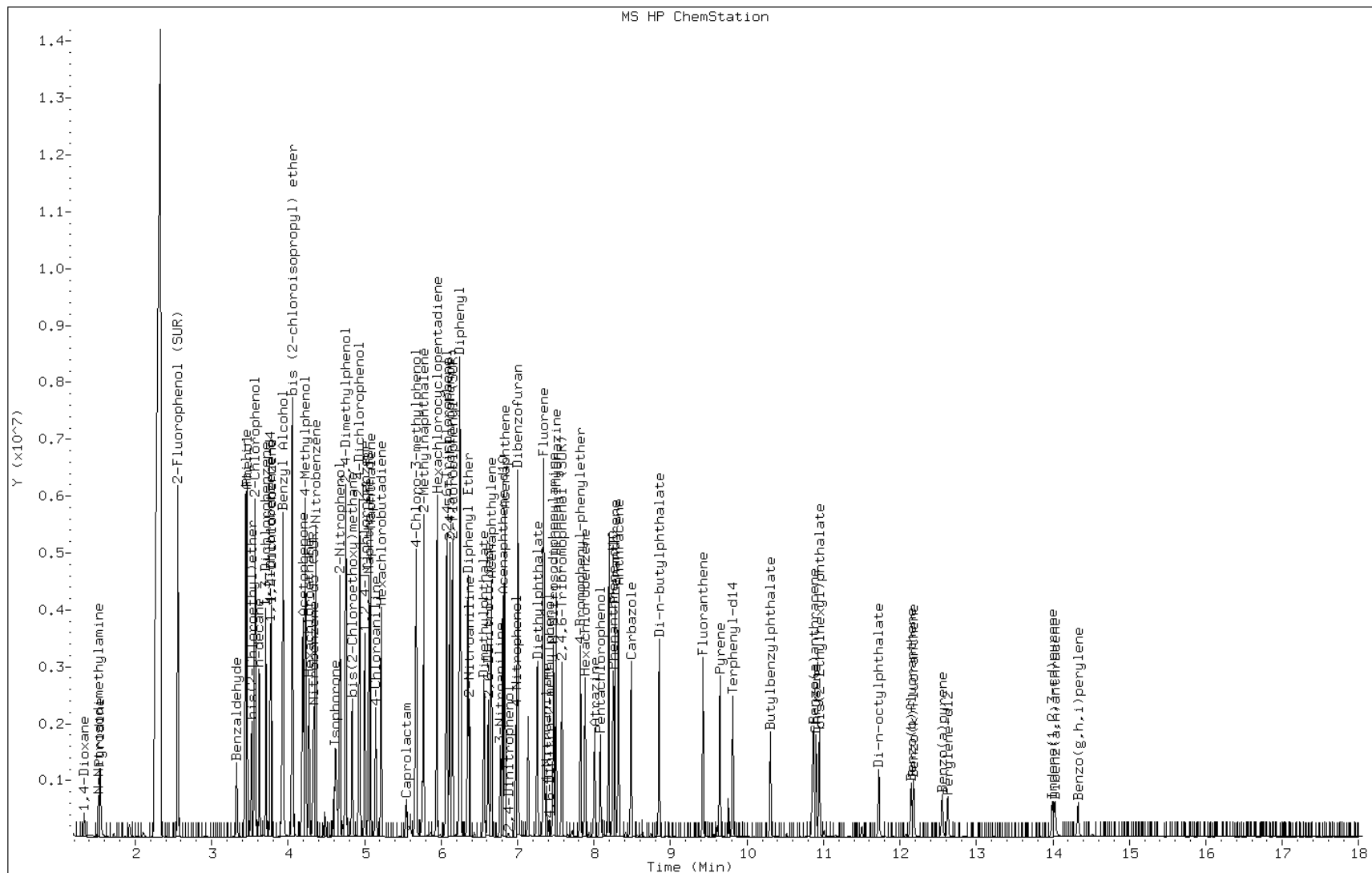
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.375	7.386	(1.084)	167282	27.2322	2000
13 4,6-Dinitro-2-methylphenol	198	7.410	7.416	(0.898)	38298	9.76795	720(aR)
49 N-Nitrosodiphenylamine	169	7.469	7.475	(0.905)	890973	50.6889	3700
75 1,2-Diphenylhydrazine	77	7.504	7.504	(0.909)	1581711	49.9834	3700
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.581	7.581	(1.114)	362202	75.5148	5500
50 4-Bromophenyl-phenylether	248	7.822	7.828	(0.948)	354955	51.1393	3800(R)
51 Hexachlorobenzene	284	7.886	7.886	(0.956)	386276	50.9026	3700
112 Atrazine	200	8.010	8.010	(0.971)	249217	42.7268	3100
14 Pentachlorophenol	266	8.081	8.081	(0.979)	186893	43.0306	3200
* 83 Phenanthrene-d10	188	8.251	8.251	(1.000)	1119658	40.0000	
52 Phenanthrene	178	8.275	8.275	(1.003)	1569093	46.8233	3400
53 Anthracene	178	8.322	8.322	(1.009)	1568213	46.7334	3400
54 Carbazole	167	8.486	8.486	(1.028)	1165232	43.6130	3200
55 Di-n-butylphthalate	149	8.851	8.851	(1.073)	1614258	43.8114	3200
56 Fluoranthene	202	9.428	9.428	(1.143)	1154020	42.8363	3100
58 Benzidine	184	9.575	9.569	(1.160)	3481	0.85265	63(aR)
57 Pyrene	202	9.645	9.645	(0.887)	1083477	46.2621	3400
\$ 78 Terphenyl-d14	244	9.810	9.816	(0.902)	748711	46.3169	3400
59 Butylbenzylphthalate	149	10.304	10.310	(0.948)	431323	43.9544	3200
61 Benzo(a)anthracene	228	10.863	10.869	(0.999)	677395	48.5037	3600
60 3,3'-Dichlorobenzidine	252	10.851	10.851	(0.998)	152899	35.9860	2600
* 81 Chrysene-d12	240	10.874	10.880	(1.000)	465429	40.0000	
62 Chrysene	228	10.904	10.910	(1.003)	632732	46.8919	3400
63 bis(2-Ethylhexyl)phthalate	149	10.945	10.945	(1.006)	573549	43.9091	3200
64 Di-n-octylphthalate	149	11.722	11.721	(0.928)	732341	37.5321	2800
65 Benzo(b)fluoranthene	252	12.145	12.145	(0.962)	493419	46.3180	3400
66 Benzo(k)fluoranthene	252	12.180	12.180	(0.965)	515387	43.5434	3200
67 Benzo(a)pyrene	252	12.551	12.551	(0.994)	387820	44.9220	3300(R)
* 84 Perylene-d12	264	12.627	12.627	(1.000)	340633	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.992	13.998	(1.108)	373754	53.6885	3900
69 Dibenz(a,h)anthracene	278	14.027	14.027	(1.111)	383403	52.6464	3900
70 Benzo(g,h,i)perylene	276	14.327	14.327	(1.135)	392828	54.3081	4000(R)

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.

Instrument: BNAMS11.i

Operator: BNAMS 4

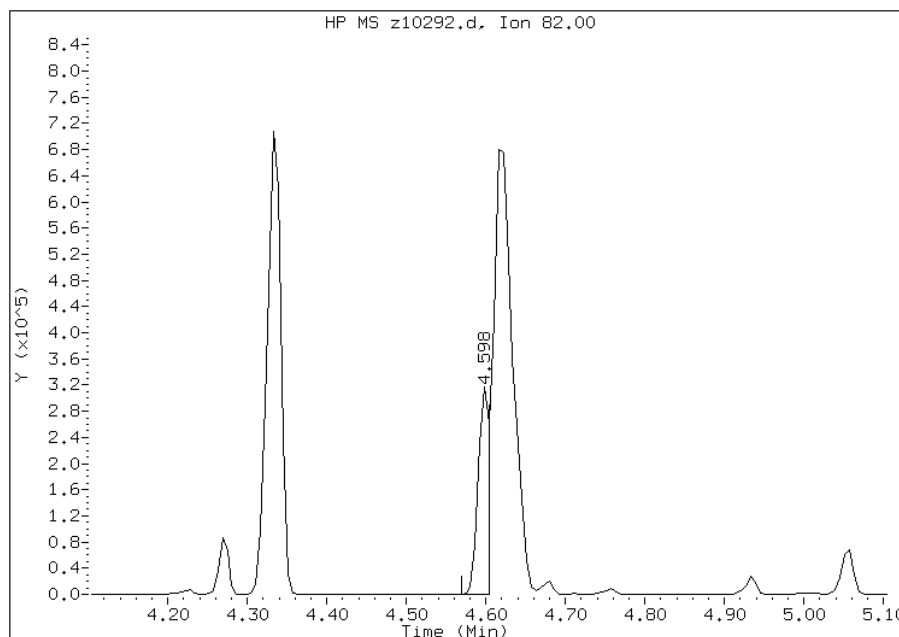


Manual Integration Report

Data File: z10292.d
Inj. Date and Time: 28-SEP-2011 02:40
Instrument ID: BNAMS11.i
Client ID: SO-17338STP05
Compound: 28 Isophorone
CAS #: 78-59-1
Report Date: 09/28/2011

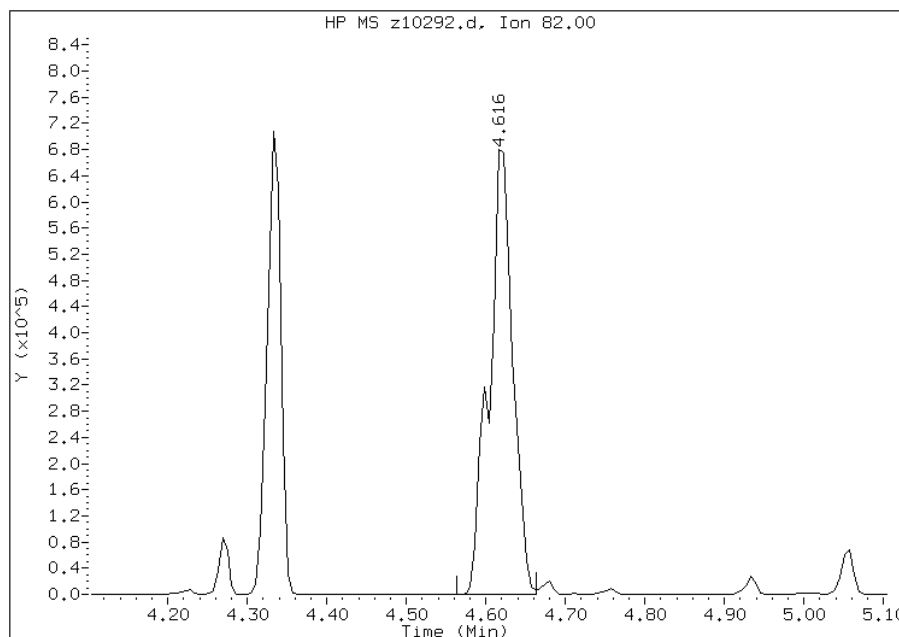
Processing Integration Results

RT: 4.60
Response: 315687
Amount: 10
Conc: 707



Manual Integration Results

RT: 4.62
Response: 1416305
Amount: 43
Conc: 3174



Manually Integrated By: rusin
Manual Integration Reason: Split Peak

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/26/2011 10:44Analysis Batch Number: 87600 End Date: 09/26/2011 12:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87600/1		09/26/2011 10:44	1	z10237.d	Rtx-5MS 0.25 (mm)
ICIS 460-87600/2		09/26/2011 10:59	1	z10238.d	Rtx-5MS 0.25 (mm)
IC 460-87600/3		09/26/2011 11:35	1	z10239.d	Rtx-5MS 0.25 (mm)
IC 460-87600/4		09/26/2011 12:00	1	z10240.d	Rtx-5MS 0.25 (mm)
IC 460-87600/5		09/26/2011 12:25	1	z10241.d	Rtx-5MS 0.25 (mm)
IC 460-87600/6		09/26/2011 12:50	1	z10242.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/27/2011 23:45Analysis Batch Number: 87606 End Date: 09/28/2011 08:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-87606/1		09/27/2011 23:45	1	z10286.d	Rtx-5MS 0.25 (mm)
CCVIS 460-87606/2		09/28/2011 00:00	1	z10287.d	Rtx-5MS 0.25 (mm)
LCS 460-87314/2-A		09/28/2011 00:34	1	z10288.d	Rtx-5MS 0.25 (mm)
MB 460-87314/1-A		09/28/2011 00:59	1	z10289.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 01:50	1		Rtx-5MS 0.25 (mm)
460-30924-A-5-L MS		09/28/2011 02:16	1	z10291.d	Rtx-5MS 0.25 (mm)
460-30924-A-5-M MSD		09/28/2011 02:40	1	z10292.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 03:06	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 03:30	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 03:56	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 04:20	1		Rtx-5MS 0.25 (mm)
460-31330-4	SO-17338-091411-MM-10	09/28/2011 04:46	1	z10297.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 05:11	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 05:35	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 06:01	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 06:26	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 06:51	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 07:16	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 07:41	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 08:06	1		Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 08:31	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/28/2011 08:59Analysis Batch Number: 87610 End Date: 09/28/2011 08:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-87610/1		09/28/2011 08:59	1	z10307.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i
Analytical Batch: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b

Date Generated: 09/26/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/26/11	1044	210237.d	1 DFTFP-937638			0	0		1	2.0 all	BNF 4587 G	87600
09/26/11	1059	210238.d	2 ICIS-1143618			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1135	210239.d	3 IC-1143620			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1200	210240.d	4 IC-1143607			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1225	210241.d	5 IC-1143619			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1250	210242.d	6 IC-1143617			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1349	210244.d	8 icv	26sep11		1000	1		1	1.0 all	BNF 4587 G	

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Signed:  Read and Understood by:  Date: 09.26.11

Date: 09.30.11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b

Date Generated: 09/28/2011

Page 1

Date	Data File	AUS	Sample ID	IPB	EXT DATE	IV/	FW	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/27/11 2345	z10286.d	1	DFTPP-937638			0	0		1	2.0 all	457	87606
09/28/11 0000	z10287.d	2	CCVIS-1143618			1000	2		1	1.0 all	457	no derivative baseline
09/28/11 0034	z10288.d	3	LCS 460-87314/2-A	460-87314		15	1		1	1.0 all-so		
09/28/11 0059	z10289.d	4	MB 460-87314/1-A	460-87314		15	1		1	1.0 all-so		
09/28/11 0150	z10290.d	5	460-30924-A-5-N	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0216	z10291.d	6	460-30924-A-5-L MS	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0240	z10292.d	7	460-30924-A-5-M MSD	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0306	z10293.d	8	460-30924-A-1-Q	460-87314	09/26/11 15	1			1	1.0 all-so		
09/28/11 0330	z10294.d	9	460-30924-A-2-L	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0356	z10295.d	10	460-30924-C-3-B	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0420	z10296.d	11	460-30924-B-4-A	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0446	z10297.d	12	460-31330-A-4-B	460-87314	09/26/11 15	1			1	1.0 all-so		
09/28/11 0511	z10298.d	13	460-31312-C-2-J	460-87314	09/26/11 15.0	1			1	1.0 all-so		
09/28/11 0535	z10299.d	14	460-31312-C-6-E	460-87314	09/26/11 15.1	1			1	1.0 all-so		

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i

Analytical Batch: /chem/BNAMS11.i/8270/09-26-11DEL/27sep11a.b

Date Generated: 09/28/2011

Page 2

Date	Data File	ALS	Sample ID	LFPB	EXT DATE	IV	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/28/11	0601	210300.d	15	460-31312-C-7-X	09/26/11	15	1	1	1.0	all-so	-	
09/28/11	0626	210301.d	16	460-31312-C-3-E	09/26/11	15.0	1	1	1.0	all-so	-	
09/28/11	0651	210302.d	17	460-31312-C-8-E	09/26/11	15	1	1	1.0	all-so	-	
09/28/11	0716	210303.d	18	460-31312-C-11-E	09/26/11	15.1	1	1	1.0	all-so	-	
09/28/11	0741	210304.d	19	460-31312-C-12-E	09/26/11	15	1	1	1.0	all-so	-	
09/28/11	0806	210305.d	20	460-31312-C-9-E	09/26/11	15.0	1	1	1.0	all-so	-	
09/28/11	0831	210306.d	21	460-31312-C-10-E	09/26/11	15.0	1	1	1.0	all-so	-	
09/28/11	0859	210307.d	22	CCVIS-114618	27sep11a	1000	2	1	1.0	all	-	

Signed: Michael Morris Read and Understood by: _____

Date: 9/28/11 Date: _____

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 87314 Batch Start Date: 09/26/11 12:00 Batch Analyst: Masongo, CharlesBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-87314/1		3541, 8270C		15.00 g	1 mL	1	500 uL		
LCS 460-87314/2		3541, 8270C		15.00 g	1 mL	2	500 uL	0.5 mL	
460-30924-A-5 MS		3541, 8270C	T	15.01 g	1 mL	3	500 uL	0.5 mL	
460-30924-A-5 MSD		3541, 8270C	T	15.02 g	1 mL	4	500 uL	0.5 mL	
460-31330-A-4	SO-17338-091411- MM-10	3541, 8270C	T	15.00 g	1 mL	5	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL - DESOP
Blank Soil Lot Number	J30591
Person's name who did the concentration	CM
Vendor lot number	K18E60
Na2SO4 Lot Number	J30591
Person's name who did the prep	CM
Person's name who witnessed reagent drop	ME
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	12pm

Basis	Basis Description
T	Total/NA

Method 8081 - Delaware

Organochlorine Pesticides (GC) by
Method 8081 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
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 #
SO-17338-091411-MM-09	460-31330-3	105	111	129	128
	MB 460-86888/1-A	115	120	143	141
	LCS 460-86888/2-A	111	113	135	131
SO-17338-091411-MM-09 MS	460-31330-3 MS	111	113	132	129
SO-17338-091411-MM-09 MSD	460-31330-3 MSD	107	109	126	125

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
40-150
53-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693488.D
 Lab ID: LCS 460-86888/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	145	109	58-138	
beta-BHC	133	138	104	60-139	
delta-BHC	133	148	111	60-141	
gamma-BHC (Lindane)	133	144	108	58-136	
Heptachlor	133	171	129	58-137	
Aldrin	133	145	109	58-143	
Heptachlor epoxide	133	144	108	59-136	
Endosulfan I	133	145	108	60-138	
Dieldrin	133	149	112	55-128	
4,4'-DDE	133	150	113	58-150	
Endrin	133	155	116	61-150	
Endosulfan II	133	149	112	59-133	
4,4'-DDD	133	156	117	63-150	
Endosulfan sulfate	133	142	106	56-133	
4,4'-DDT	133	163	122	57-150	
Methoxychlor	133	166	125	42-150	
Endrin ketone	133	150	113	62-139	
Endrin aldehyde	133	128	96	55-122	
alpha-Chlordane	133	144	108	49-143	
gamma-Chlordane	133	145	109	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693488.D
 Lab ID: LCS 460-86888/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	139	104	58-138	
beta-BHC	133	141	105	60-139	
delta-BHC	133	146	110	60-141	
gamma-BHC (Lindane)	133	144	108	58-136	
Heptachlor	133	150	113	58-137	
Aldrin	133	146	110	58-143	
Heptachlor epoxide	133	148	111	59-136	
Endosulfan I	133	147	110	60-138	
Dieldrin	133	152	114	55-128	
4,4'-DDE	133	151	113	58-150	
Endrin	133	158	119	61-150	
Endosulfan II	133	147	110	59-133	
4,4'-DDD	133	156	117	63-150	
Endosulfan sulfate	133	147	110	56-133	
4,4'-DDT	133	152	114	57-150	
Methoxychlor	133	149	111	42-150	
Endrin ketone	133	151	113	62-139	
Endrin aldehyde	133	132	99	55-122	
alpha-Chlordane	133	145	109	49-143	
gamma-Chlordane	133	145	109	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693495.D
 Lab ID: 460-31330-3 MS Client ID: SO-17338-091411-MM-09 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	157	7.9 U	170	108	58-138	
beta-BHC	157	7.9 U	162	104	60-139	
delta-BHC	157	7.9 U	171	109	60-141	
gamma-BHC (Lindane)	157	7.9 U	169	108	58-136	
Heptachlor	157	7.9 U	203	129	58-137	
Aldrin	157	7.9 U	169	108	58-143	
Heptachlor epoxide	157	7.9 U	167	107	59-136	
Endosulfan I	157	7.9 U	168	108	60-138	
Dieldrin	157	7.9 U	174	111	55-128	
4,4'-DDE	157	7.9 U	174	111	58-150	
Endrin	157	7.9 U	179	114	61-150	
Endosulfan II	157	7.9 U	172	110	59-133	
4,4'-DDD	157	7.9 U	181	116	63-150	
Endosulfan sulfate	157	7.9 U	173	110	56-133	
4,4'-DDT	157	6.1 J	187	115	57-150	
Methoxychlor	157	7.9 U	190	121	42-150	
Endrin ketone	157	7.9 U	176	112	62-139	
Endrin aldehyde	157	7.9 U	153	98	55-122	
alpha-Chlordane	157	7.9 U	168	107	49-143	
gamma-Chlordane	157	7.9 U	169	108	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693495.D
 Lab ID: 460-31330-3 MS Client ID: SO-17338-091411-MM-09 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	157	7.9 U	163	104	58-138	
beta-BHC	157	7.9 U	163	104	60-139	
delta-BHC	157	7.9 U	166	106	60-141	
gamma-BHC (Lindane)	157	7.9 U	169	108	58-136	
Heptachlor	157	7.9 U	178	114	58-137	
Aldrin	157	7.9 U	169	108	58-143	
Heptachlor epoxide	157	7.9 U	172	110	59-136	
Endosulfan I	157	7.9 U	169	108	60-138	
Dieldrin	157	7.9 U	174	111	55-128	
4,4'-DDE	157	7.9 U	174	111	58-150	
Endrin	157	7.9 U	183	117	61-150	
Endosulfan II	157	7.9 U	169	108	59-133	
4,4'-DDD	157	7.9 U	177	113	63-150	
Endosulfan sulfate	157	7.9 U	168	107	56-133	
4,4'-DDT	157	6.0 J	177	109	57-150	
Methoxychlor	157	7.9 U	173	110	42-150	
Endrin ketone	157	7.9 U	172	110	62-139	
Endrin aldehyde	157	7.9 U	159	101	55-122	
alpha-Chlordane	157	7.9 U	168	107	49-143	
gamma-Chlordane	157	7.9 U	168	107	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693496.D
 Lab ID: 460-31330-3 MSD Client ID: SO-17338-091411-MM-09 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	156	165	105	3	30	58-138	
beta-BHC	156	157	101	3	30	60-139	
delta-BHC	156	164	105	4	30	60-141	
gamma-BHC (Lindane)	156	164	105	3	30	58-136	
Heptachlor	156	197	126	3	30	58-137	
Aldrin	156	163	104	3	30	58-143	
Heptachlor epoxide	156	162	104	3	30	59-136	
Endosulfan I	156	163	104	3	30	60-138	
Dieldrin	156	168	107	4	30	55-128	
4,4'-DDE	156	169	108	3	30	58-150	
Endrin	156	173	111	6	30	61-150	
Endosulfan II	156	168	107	3	30	59-133	
4,4'-DDD	156	176	112	1	30	63-150	
Endosulfan sulfate	156	157	100	7	30	56-133	
4,4'-DDT	156	185	114	1	30	57-150	
Methoxychlor	156	192	123	1	30	42-150	
Endrin ketone	156	170	109	3	30	62-139	
Endrin aldehyde	156	147	94	4	30	55-122	
alpha-Chlordane	156	160	103	5	30	49-143	
gamma-Chlordane	156	163	105	3	30	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693496.D
 Lab ID: 460-31330-3 MSD Client ID: SO-17338-091411-MM-09 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	156	157	101	4	30	58-138	
beta-BHC	156	158	101	3	30	60-139	
delta-BHC	156	161	103	3	30	60-141	
gamma-BHC (Lindane)	156	162	104	4	30	58-136	
Heptachlor	156	173	111	3	30	58-137	
Aldrin	156	164	105	3	30	58-143	
Heptachlor epoxide	156	166	107	3	30	59-136	
Endosulfan I	156	166	106	2	30	60-138	
Dieldrin	156	169	108	3	30	55-128	
4,4'-DDE	156	166	106	5	30	58-150	
Endrin	156	170	109	5	30	61-150	
Endosulfan II	156	163	104	4	30	59-133	
4,4'-DDD	156	178	114	2	30	63-150	
Endosulfan sulfate	156	162	104	6	30	56-133	
4,4'-DDT	156	171	105	4	30	57-150	
Methoxychlor	156	166	107	4	30	42-150	
Endrin ketone	156	165	106	4	30	62-139	
Endrin aldehyde	156	151	97	5	30	55-122	
alpha-Chlordane	156	164	105	2	30	49-143	
gamma-Chlordane	156	163	104	3	30	45-147	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: MB 460-86888/1-A
 Matrix: Solid Date Extracted: 09/22/2011 05:30
 Lab File ID: (1) WR693489.D Lab File ID: (2) WF693489.D
 Date Analyzed: (1) 09/22/2011 12:18 Date Analyzed: (2) 09/22/2011 12:18
 Instrument ID: (1) PESTGC4 Instrument ID: (2) PESTGC4
 GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-86888/2-A	09/22/2011 12:04	09/22/2011 12:04
SO-17338-091411-MM-09 MS	460-31330-3 MS	09/22/2011 13:42	09/22/2011 13:42
SO-17338-091411-MM-09 MSD	460-31330-3 MSD	09/22/2011 13:56	09/22/2011 13:56
SO-17338-091411-MM-09	460-31330-3	09/22/2011 14:11	09/22/2011 14:11

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-86980/2 Date Analyzed: 09/22/2011 09:16
 Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): WF693477.D Heated Purge: (Y/N) N
 Calibration ID: 12308

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.63	10.11	
UPPER LIMIT				2.68	10.21	
LOWER LIMIT				2.58	10.01	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86980/2		09/22/2011 09:16	WF693477.D	2.63	10.11	
PIBLK 460-86980/4		09/22/2011 09:59	WF693479.D	0.00	10.12	
LCS 460-86888/2-A		09/22/2011 12:04	WF693488.D	2.62	10.11	
MB 460-86888/1-A		09/22/2011 12:18	WF693489.D	2.62	10.11	
CCV 460-86980/15		09/22/2011 12:32	WF693490.D	2.62	10.11	

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
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-86980/2 Date Analyzed: 09/22/2011 09:16
 Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): WR693477.D Heated Purge: (Y/N) N
 Calibration ID: 12307

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.09	9.15	
UPPER LIMIT				2.14	9.25	
LOWER LIMIT				2.04	9.05	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86980/2		09/22/2011 09:16	WR693477.D	2.09	9.15	
PIBLK 460-86980/4		09/22/2011 09:59	WR693479.D	2.09	9.16	
LCS 460-86888/2-A		09/22/2011 12:04	WR693488.D	2.08	9.15	
MB 460-86888/1-A		09/22/2011 12:18	WR693489.D	2.09	9.15	
CCV 460-86980/15		09/22/2011 12:32	WR693490.D	2.08	9.15	

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
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-87016/2 Date Analyzed: 09/22/2011 12:59
 Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): WF693492.D Heated Purge: (Y/N) N
 Calibration ID: 12308

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.64	10.11	
UPPER LIMIT				2.69	10.21	
LOWER LIMIT				2.59	10.01	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-87016/2		09/22/2011 12:59	WF693492.D	2.64	10.11	
PIBLK 460-87016/4		09/22/2011 13:28	WF693494.D	2.62	10.11	
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 13:42	WF693495.D	2.62	10.11	
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 13:56	WF693496.D	2.63	10.11	
460-31330-3	SO-17338-091411-MM-09	09/22/2011 14:11	WF693497.D	2.63	10.11	
PIBLK 460-87016/16		09/22/2011 16:16	WF693506.D	2.62	10.11	
CCV 460-87016/17		09/22/2011 16:30	WF693507.D	2.62	10.11	

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
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-87016/2 Date Analyzed: 09/22/2011 12:59
 Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): WR693492.D Heated Purge: (Y/N) N
 Calibration ID: 12307

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.08	9.15	
UPPER LIMIT				2.13	9.25	
LOWER LIMIT				2.03	9.05	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-87016/2		09/22/2011 12:59	WR693492.D	2.08	9.15	
PIBLK 460-87016/4		09/22/2011 13:28	WR693494.D	2.08	9.15	
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 13:42	WR693495.D	2.09	9.15	
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 13:56	WR693496.D	2.08	9.15	
460-31330-3	SO-17338-091411-MM-09	09/22/2011 14:11	WR693497.D	2.08	9.15	
PIBLK 460-87016/16		09/22/2011 16:16	WR693506.D	2.08	9.15	
CCV 460-87016/17		09/22/2011 16:30	WR693507.D	2.09	9.15	

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 X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-09 Lab Sample ID: 460-31330-3
Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4
Date Analyzed (1): 09/22/2011 14:11 Date Analyzed (2): 09/22/2011 14:11
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		7.44	7.37	7.51	6.0		2.4
	2		8.41	8.34	8.48	6.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: SO-17338-091411-MM-09 MS Lab Sample ID: 460-31330-3 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/22/2011 13:42 Date Analyzed (2): 09/22/2011 13:42

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		2.77	2.72	2.82	163		3.9
	2		3.94	3.91	4.01	170		
gamma-BHC (Lindane)	1		3.41	3.35	3.45	169		0.4
	2		4.72	4.70	4.80	169		
beta-BHC	1		3.59	3.53	3.63	163		0.6
	2		4.89	4.86	4.96	162		
delta-BHC	1		3.95	3.89	3.99	166		2.6
	2		5.55	5.52	5.62	171		
Heptachlor	1		4.36	4.31	4.41	178		13.0
	2		5.72	5.70	5.80	203		
Aldrin	1		4.97	4.92	5.02	169		0.3
	2		6.34	6.31	6.41	169		
Heptachlor epoxide	1		6.18	6.11	6.25	172		2.8
	2		6.97	6.91	7.05	167		
gamma-Chlordane	1		6.35	6.28	6.42	168		0.4
	2		7.16	7.10	7.24	169		
alpha-Chlordane	1		6.50	6.43	6.57	168		0.0
	2		7.32	7.26	7.40	168		
4,4'-DDE	1		6.57	6.50	6.64	174		0.2
	2		7.47	7.40	7.54	174		
Endosulfan I	1		6.65	6.58	6.72	169		0.6
	2		7.39	7.33	7.47	168		
Dieldrin	1		6.88	6.81	6.95	174		0.0
	2		7.69	7.62	7.76	174		
Endrin	1		7.11	7.05	7.19	183		2.3
	2		8.03	7.97	8.11	179		
4,4'-DDD	1		7.16	7.09	7.23	177		2.4
	2		8.10	8.04	8.18	181		
Endosulfan II	1		7.34	7.27	7.41	169		1.6
	2		8.25	8.18	8.32	172		
4,4'-DDT	1		7.44	7.37	7.51	177		5.6
	2		8.40	8.34	8.48	187		
Endrin aldehyde	1		7.77	7.70	7.84	159		3.5
	2		8.53	8.46	8.60	153		
Methoxychlor	1		7.93	7.86	8.00	173		9.5
	2		8.89	8.82	8.96	190		
Endosulfan sulfate	1		8.23	8.16	8.30	168		2.8
	2		8.73	8.66	8.80	173		
Endrin ketone	1		8.47	8.40	8.54	172		2.2
	2		9.11	9.04	9.18	176		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: SO-17338-091411-MM-09 MSD Lab Sample ID: 460-31330-3 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/22/2011 13:56 Date Analyzed (2): 09/22/2011 13:56

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.76	2.72	2.82	157		4.6
	2		3.95	3.91	4.01	165		
gamma-BHC (Lindane)	1		3.40	3.35	3.45	162		1.0
	2		4.73	4.70	4.80	164		
beta-BHC	1		3.58	3.53	3.63	158		0.6
	2		4.90	4.86	4.96	157		
delta-BHC	1		3.94	3.89	3.99	161		2.1
	2		5.56	5.52	5.62	164		
Heptachlor	1		4.36	4.31	4.41	173		12.9
	2		5.74	5.70	5.80	197		
Aldrin	1		4.96	4.92	5.02	164		0.4
	2		6.35	6.31	6.41	163		
Heptachlor epoxide	1		6.18	6.11	6.25	166		2.6
	2		6.97	6.91	7.05	162		
gamma-Chlordane	1		6.35	6.28	6.42	163		0.3
	2		7.17	7.10	7.24	163		
alpha-Chlordane	1		6.50	6.43	6.57	164		2.5
	2		7.33	7.26	7.40	160		
4,4'-DDE	1		6.57	6.50	6.64	166		1.7
	2		7.47	7.40	7.54	169		
Endosulfan I	1		6.65	6.58	6.72	166		1.7
	2		7.40	7.33	7.47	163		
Dieldrin	1		6.88	6.81	6.95	169		0.9
	2		7.69	7.62	7.76	168		
Endrin	1		7.12	7.05	7.19	170		1.5
	2		8.03	7.97	8.11	173		
4,4'-DDD	1		7.16	7.09	7.23	178		1.3
	2		8.10	8.04	8.18	176		
Endosulfan II	1		7.34	7.27	7.41	163		2.9
	2		8.25	8.18	8.32	168		
4,4'-DDT	1		7.44	7.37	7.51	171		7.9
	2		8.41	8.34	8.48	185		
Endrin aldehyde	1		7.77	7.70	7.84	151		2.5
	2		8.53	8.46	8.60	147		
Methoxychlor	1		7.93	7.86	8.00	166		14.4
	2		8.89	8.82	8.96	192		
Endosulfan sulfate	1		8.23	8.16	8.30	162		3.1
	2		8.73	8.66	8.80	157		
Endrin ketone	1		8.47	8.40	8.54	165		3.0
	2		9.11	9.04	9.18	170		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86888/2-A
 Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4
 Date Analyzed (1): 09/22/2011 12:04 Date Analyzed (2): 09/22/2011 12:04
 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		2.77	2.72	2.82	139		3.8
	2		3.94	3.89	3.99	145		
gamma-BHC (Lindane)	1		3.41	3.36	3.46	144		0.1
	2		4.72	4.67	4.77	144		
beta-BHC	1		3.58	3.54	3.64	141		1.8
	2		4.88	4.83	4.93	138		
delta-BHC	1		3.94	3.89	3.99	146		1.2
	2		5.54	5.49	5.59	148		
Heptachlor	1		4.36	4.31	4.41	150		13.2
	2		5.72	5.67	5.77	171		
Aldrin	1		4.96	4.91	5.01	146		0.8
	2		6.34	6.29	6.39	145		
Heptachlor epoxide	1		6.18	6.11	6.25	148		2.8
	2		6.97	6.90	7.04	144		
gamma-Chlordane	1		6.34	6.28	6.42	145		0.1
	2		7.16	7.10	7.24	145		
alpha-Chlordane	1		6.50	6.43	6.57	145		1.1
	2		7.32	7.25	7.39	144		
4,4'-DDE	1		6.57	6.50	6.64	151		0.6
	2		7.47	7.40	7.54	150		
Endosulfan I	1		6.65	6.58	6.72	147		1.7
	2		7.39	7.32	7.46	145		
Dieldrin	1		6.88	6.81	6.95	152		1.7
	2		7.69	7.62	7.76	149		
Endrin	1		7.11	7.04	7.18	158		2.3
	2		8.03	7.96	8.10	155		
4,4'-DDD	1		7.16	7.09	7.23	156		0.1
	2		8.10	8.03	8.17	156		
Endosulfan II	1		7.34	7.27	7.41	147		1.3
	2		8.25	8.18	8.32	149		
4,4'-DDT	1		7.44	7.37	7.51	152		6.9
	2		8.41	8.34	8.48	163		
Endrin aldehyde	1		7.77	7.70	7.84	132		3.0
	2		8.53	8.46	8.60	128		
Methoxychlor	1		7.93	7.86	8.00	149		11.3
	2		8.89	8.82	8.96	166		
Endosulfan sulfate	1		8.23	8.16	8.30	147		3.9
	2		8.73	8.66	8.80	142		
Endrin ketone	1		8.47	8.40	8.54	151		0.6
	2		9.11	9.04	9.18	150		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 Lab Sample ID: 460-31330-3
 Matrix: Solid Lab File ID: WF693497.D
 Analysis Method: 8081A Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:30
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 14:11
 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.: 87016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	6.1	J	7.9	0.99

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

Data File: WF693497.D
Report Date: 22-Sep-2011 16:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693497.D
Lab Smp Id: 460-31330-e-3-f
Inj Date : 22-SEP-2011 14:11
Operator :
Smp Info : 460-31330-e-3-f
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.630	2.637	-0.007	195407	55.6927	37	80.00- 120.00	100.00		

9 4,4'-DDT CAS #: 50-29-3									
8.410	8.410	0.000	11095	7.81355	5.2	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.110	10.110	0.000	130812	63.9878	43	80.00- 120.00	100.00		

Data File: WF693497.D

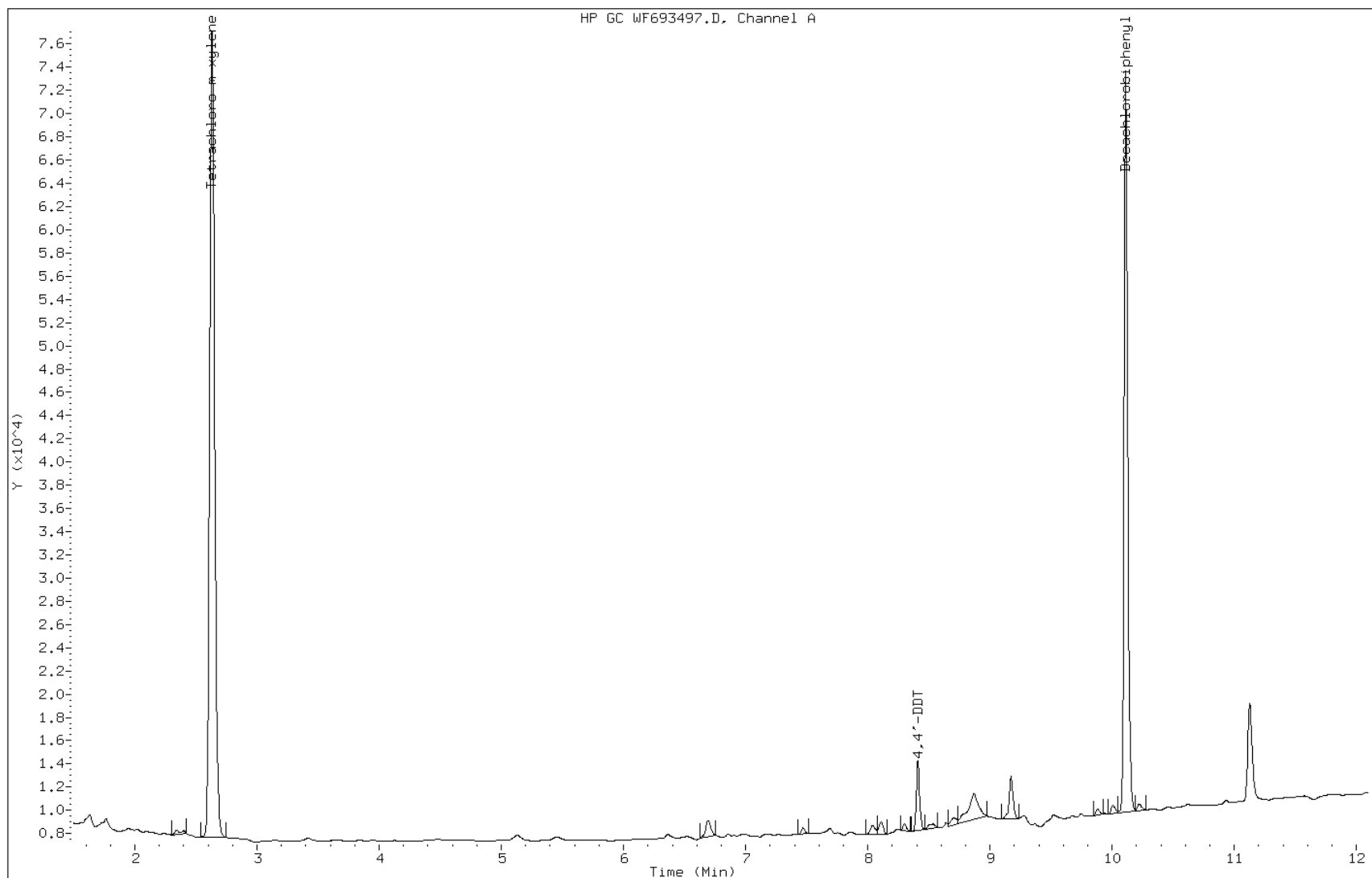
Date: 22-SEP-2011 14:11

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-f

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: SO-17338-091411-MM-09 Lab Sample ID: 460-31330-3

Matrix: Solid Lab File ID: WR693497.D

Analysis Method: 8081A Date Collected: 09/14/2011 14:00

Extraction Method: 3541 Date Extracted: 09/22/2011 05:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 14:11

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.: 87016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	7.9	U	7.9	1.5
319-85-7	beta-BHC	7.9	U	7.9	1.1
319-86-8	delta-BHC	7.9	U	7.9	1.2
58-89-9	gamma-BHC (Lindane)	7.9	U	7.9	0.92
76-44-8	Heptachlor	7.9	U	7.9	1.1
309-00-2	Aldrin	7.9	U	7.9	1.7
1024-57-3	Heptachlor epoxide	7.9	U	7.9	1.6
959-98-8	Endosulfan I	7.9	U	7.9	1.7
60-57-1	Dieldrin	7.9	U	7.9	1.5
72-55-9	4,4'-DDE	7.9	U	7.9	1.5
72-20-8	Endrin	7.9	U	7.9	1.1
33213-65-9	Endosulfan II	7.9	U	7.9	1.2
72-54-8	4,4'-DDD	7.9	U	7.9	0.94
1031-07-8	Endosulfan sulfate	7.9	U	7.9	1.0
72-43-5	Methoxychlor	7.9	U	7.9	0.88
53494-70-5	Endrin ketone	7.9	U	7.9	1.2
7421-93-4	Endrin aldehyde	7.9	U	7.9	2.0
5103-71-9	alpha-Chlordane	7.9	U	7.9	1.7
5103-74-2	gamma-Chlordane	7.9	U	7.9	1.6
8001-35-2	Toxaphene	79	U	79	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		53-150
877-09-8	Tetrachloro-m-xylene	105		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693497.D
Lab Smp Id: 460-31330-e-3-f
Inj Date : 22-SEP-2011 14:11
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31330-e-3-f
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene						CAS #:	877-09-8	
2.083	2.083	0.000	160962	52.7102	35	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.440	7.440	0.000	16824	7.62879	5.1	80.00-	120.00	100.00(M)

\$ 30 Decachlorobiphenyl						CAS #:	2051-24-3	
9.150	9.150	0.000	149381	64.7412	43	80.00-	120.00	100.00

Data File: WR693497.D
Report Date: 22-Sep-2011 16:33

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: WR693497.D

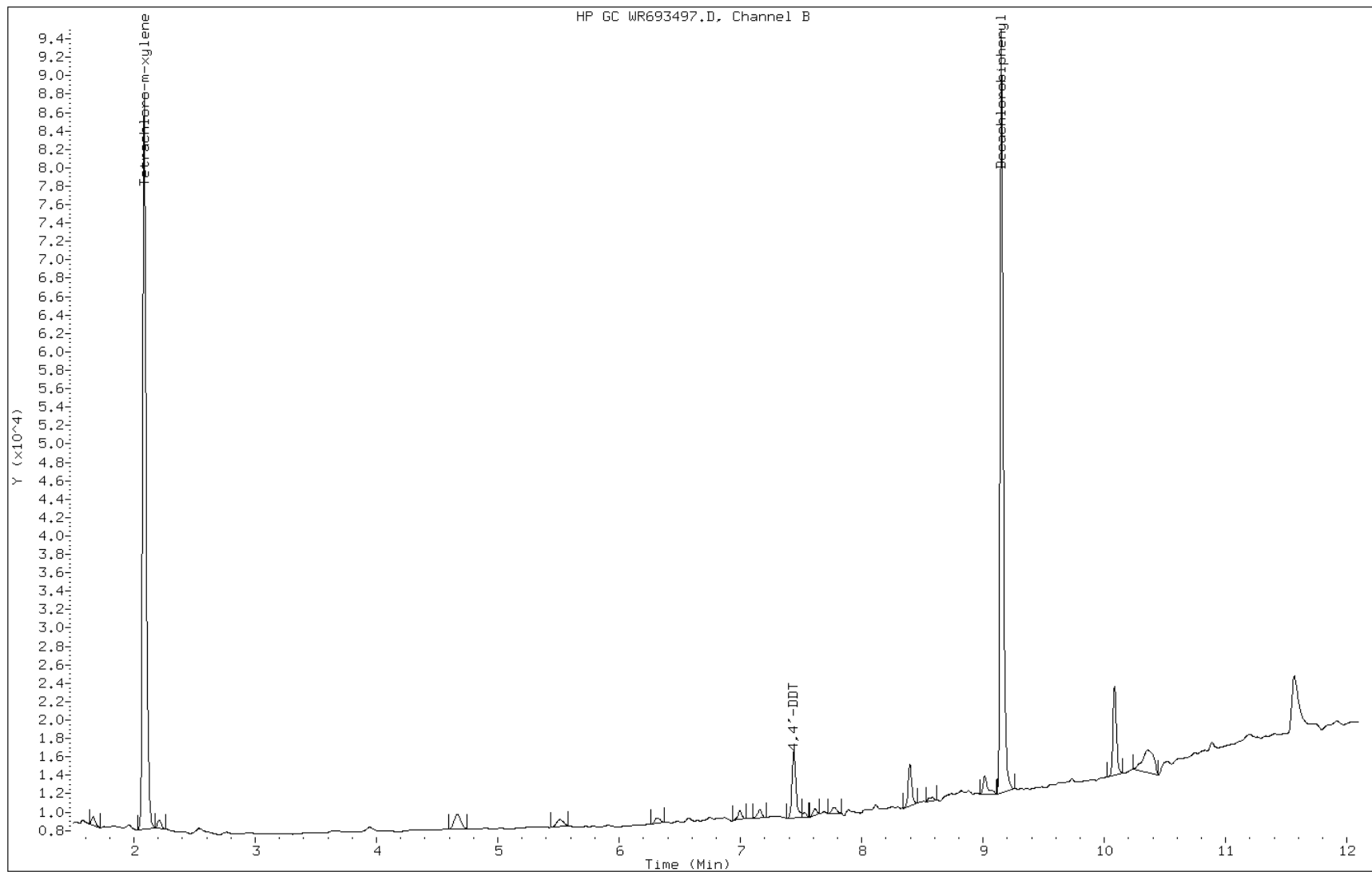
Date: 22-SEP-2011 14:11

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-f

Operator:

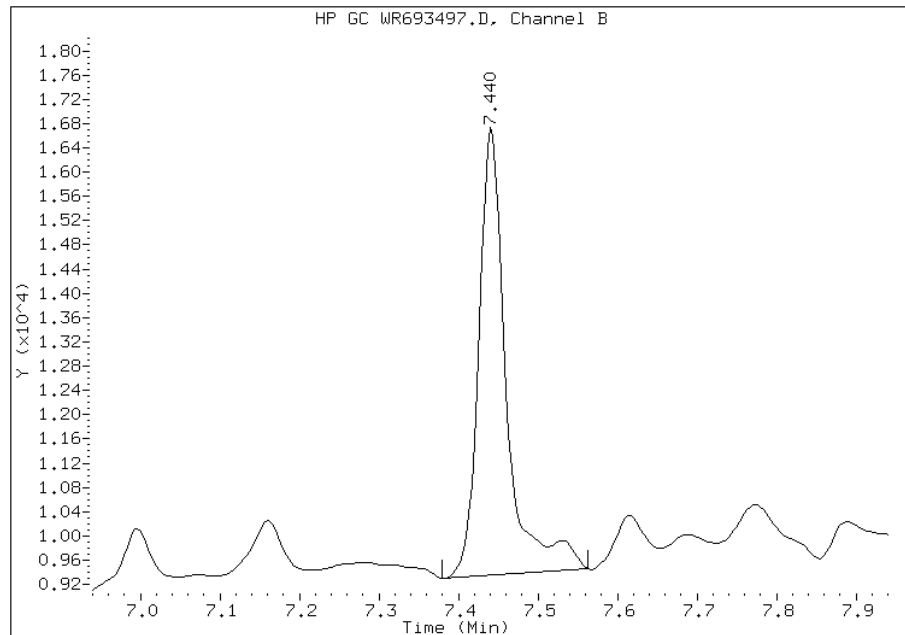


Manual Integration Report

Data File: WR693497.D
Inj. Date and Time: 22-SEP-2011 14:11
Instrument ID: PESTGC4.i
Client ID:
Compound: 9 4,4'-DDT
CAS #: 50-29-3
Report Date: 09/22/2011

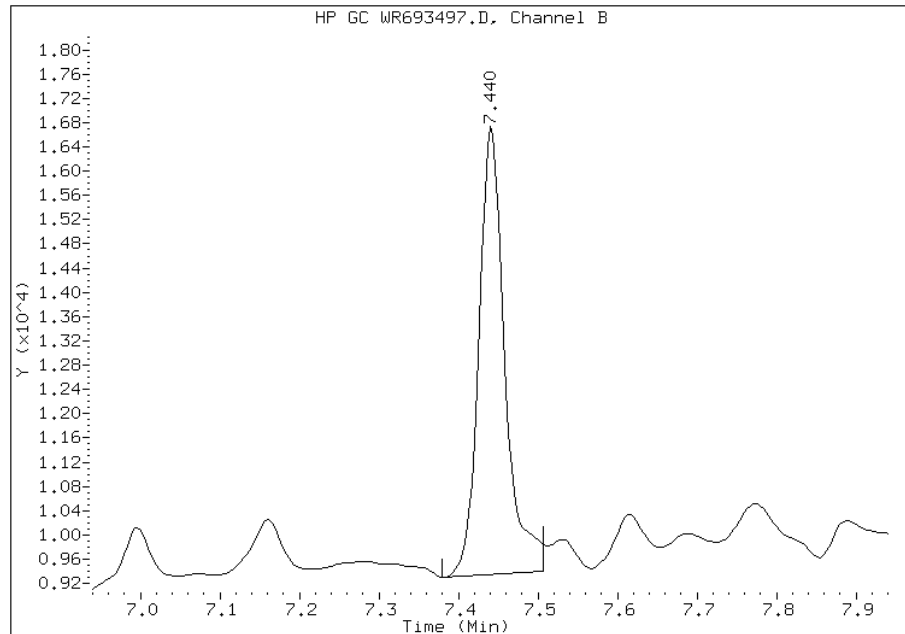
Processing Integration Results

RT: 7.44
Response: 17943
Amount: 8.14
Conc: 5.42



Manual Integration Results

RT: 7.44
Response: 16824
Amount: 7.63
Conc: 5.09



Manually Integrated By: catalina
Manual Integration Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WF693431.D
Level 2	IC 460-86771/7	WF693432.D
Level 3	IC 460-86771/5	WF693430.D
Level 4	IC 460-86771/8	WF693433.D
Level 5	IC 460-86771/9	WF693434.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.957	3.953	3.950	3.953	3.950						3.903 - 4.003	3.953
gamma-BHC (Lindane)	4.740	4.737	4.737	4.740	4.737						4.690 - 4.790	4.738
beta-BHC	4.903	4.900	4.897	4.900	4.897						4.850 - 4.950	4.899
delta-BHC	5.567	5.563	5.560	5.563	5.563						5.510 - 5.610	5.563
Heptachlor	5.743	5.743	5.740	5.743	5.740						5.690 - 5.790	5.742
Aldrin	6.357	6.353	6.353	6.353	6.353						6.303 - 6.403	6.354
Heptachlor epoxide	6.977	6.977	6.973	6.973	6.977						6.903 - 7.043	6.975
gamma-Chlordane	7.173	7.173	7.173	7.173	7.173						7.103 - 7.243	7.173
alpha-Chlordane	7.327	7.327	7.327	7.327	7.327						7.257 - 7.397	7.327
Endosulfan I	7.400	7.400	7.400	7.397	7.400						7.327 - 7.467	7.399
4,4'-DDE	7.473	7.473	7.470	7.473	7.470						7.403 - 7.543	7.472
Dieldrin	7.693	7.693	7.693	7.693	7.693						7.623 - 7.763	7.693
Endrin	8.037	8.037	8.033	8.033	8.033						7.963 - 8.103	8.035
4,4'-DDD	8.107	8.107	8.107	8.107	8.107						8.037 - 8.177	8.107
Endosulfan II	8.253	8.253	8.253	8.253	8.253						8.183 - 8.323	8.253
4,4'-DDT	8.410	8.410	8.410	8.410	8.410						8.340 - 8.480	8.410
Endrin aldehyde	8.533	8.533	8.533	8.533	8.533						8.463 - 8.603	8.533
Endosulfan sulfate	8.730	8.730	8.730	8.730	8.730						8.660 - 8.800	8.730
Methoxychlor	8.893	8.890	8.890	8.890	8.890						8.820 - 8.960	8.891
Endrin ketone	9.117	9.113	9.113	9.113	9.113						9.043 - 9.183	9.114
Tetrachloro-m-xylene	2.637	2.633	2.633	2.633	2.633						2.580 - 2.680	2.634
DCB Decachlorobiphenyl	10.113	10.113	10.113	10.113	10.113						10.013 - 10.213	10.113

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WF693431.D
Level 2	IC 460-86771/7	WF693432.D
Level 3	IC 460-86771/5	WF693430.D
Level 4	IC 460-86771/8	WF693433.D
Level 5	IC 460-86771/9	WF693434.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	3987.3 4414.9	4452.4	4798.7	4747.2	Ave		4480.11320				7.2		20.0			
gamma-BHC (Lindane)	3790.0 3918.0	4018.0	4267.1	4218.8	Ave		4042.38280				5.0		20.0			
beta-BHC	2098.4 1784.4	1990.3	2027.9	1939.6	Ave		1968.10240				6.0		20.0			
delta-BHC	3565.3 3988.0	3992.8	4342.3	4270.7	Ave		4031.80720				7.6		20.0			
Heptachlor	1802.4 1955.8	1863.7	1978.5	2037.1	Ave		1927.50160				4.9		20.0			
Aldrin	3615.0 3501.2	3652.3	3853.6	3768.0	Ave		3678.03120				3.7		20.0			
Heptachlor epoxide	3140.7 2926.2	3086.8	3156.7	3123.8	Ave		3086.85440				3.0		20.0			
gamma-Chlordane	3370.1 3147.5	3300.9	3410.5	3349.6	Ave		3315.71200				3.1		20.0			
alpha-Chlordane	3291.8 2943.7	3158.0	3245.0	3138.5	Ave		3155.38160				4.2		20.0			
Endosulfan I	3000.9 2796.3	2975.2	3070.0	3032.4	Ave		2974.97000				3.6		20.0			
4,4'-DDE	2939.5 3013.7	3058.6	3189.7	3147.4	Ave		3069.77160				3.3		20.0			
Dieldrin	3071.9 3055.7	3161.2	3282.1	3239.0	Ave		3161.94920				3.2		20.0			
Endrin	2181.3 2093.1	2192.4	2263.0	2216.2	Ave		2189.20400				2.8		20.0			
4,4'-DDD	2195.0 2285.7	2283.5	2367.1	2374.9	Ave		2301.25240				3.2		20.0			
Endosulfan II	2621.9 2488.2	2566.9	2645.4	2592.0	Ave		2582.87920				2.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12308

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	1423.7 1432.3	1378.5	1430.4	1434.9	Ave		1419.96880				1.7		20.0			
Endrin aldehyde	2299.8 1894.4	1985.5	1989.5	1967.3	Ave		2027.28680				7.7		20.0			
Endosulfan sulfate	2150.0 2107.1	2047.3	2101.9	2147.9	Ave		2110.84120				2.0		20.0			
Methoxychlor	736.30 634.33	649.42	650.08	652.34	Ave		664.494400				6.1		20.0			
Endrin ketone	2308.1 2153.5	2188.9	2219.9	2232.9	Ave		2220.63760				2.6		20.0			
Tetrachloro-m-xylene	3488.9 3291.4	3774.9	3503.3	3484.8	Ave		3508.66533				4.9		20.0			
DCB Decachlorobiphenyl	2094.9 1906.3	2240.2	1981.7	1998.5	Ave		2044.32567				6.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WF693431.D
Level 2	IC 460-86771/7	WF693432.D
Level 3	IC 460-86771/5	WF693430.D
Level 4	IC 460-86771/8	WF693433.D
Level 5	IC 460-86771/9	WF693434.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	39873	222621	479871	1186805	2207458	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	37900	200902	426714	1054696	1958975	10.0	50.0	100	250	500
beta-BHC	Ave	20984	99513	202786	484901	892194	10.0	50.0	100	250	500
delta-BHC	Ave	35653	199639	434230	1067674	1993980	10.0	50.0	100	250	500
Heptachlor	Ave	18024	93184	197854	509283	977878	10.0	50.0	100	250	500
Aldrin	Ave	36150	182617	385359	942004	1750605	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	31407	154342	315670	780947	1463122	10.0	50.0	100	250	500
gamma-Chlordane	Ave	33701	165045	341047	837404	1573737	10.0	50.0	100	250	500
alpha-Chlordane	Ave	32918	157898	324497	784627	1471835	10.0	50.0	100	250	500
Endosulfan I	Ave	30009	148760	307004	758112	1398131	10.0	50.0	100	250	500
4,4'-DDE	Ave	29395	152930	318969	786852	1506830	10.0	50.0	100	250	500
Dieldrin	Ave	30719	158058	328207	809738	1527832	10.0	50.0	100	250	500
Endrin	Ave	21813	109621	226302	554042	1046556	10.0	50.0	100	250	500
4,4'-DDD	Ave	21950	114177	236710	593729	1142853	10.0	50.0	100	250	500
Endosulfan II	Ave	26219	128346	264541	648000	1244083	10.0	50.0	100	250	500
4,4'-DDT	Ave	14237	68923	143044	358725	716172	10.0	50.0	100	250	500
Endrin aldehyde	Ave	22998	99276	198948	491815	947187	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	21500	102365	210193	536970	1053548	10.0	50.0	100	250	500
Methoxychlor	Ave	7363	32471	65008	163085	317166	10.0	50.0	100	250	500
Endrin ketone	Ave	23081	109445	221985	558217	1076735	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	87222	188744	350333	522727	658278	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	52373	112011	198173	299774	381253	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: WF693430.D
Report Date: 21-Sep-2011 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693430.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 21-SEP-2011 06:50
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
Meth Date : 21-Sep-2011 08:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.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		
2.633	2.633	0.000	350333	100.000	100	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.950	3.950	0.000	479871	100.000	110	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.737	4.737	0.000	426714	100.000	100	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.897	4.897	0.000	202786	100.000	100	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.560	5.560	0.000	434230	100.000	110	80.00- 120.00		100.00

Data File: WF693430.D
Report Date: 21-Sep-2011 08:49

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.740	5.740	0.000	197854	100.000	100	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.353	6.353	0.000	385359	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.973	6.973	0.000	315670	100.000	100	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.173	7.173	0.000	341047	100.000	100	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.327	7.327	0.000	324497	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.400	7.400	0.000	307004	100.000	100	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.470	7.470	0.000	318969	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.693	7.693	0.000	328207	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.033	8.033	0.000	226302	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.107	8.107	0.000	236710	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.253	8.253	0.000	264541	100.000	100	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.410	8.410	0.000	143044	100.000	100	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.533	8.533	0.000	198948	100.000	98	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.730	8.730	0.000	210193	100.000	100	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.890	8.890	0.000	65008	100.000	98	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.113	9.113	0.000	221985	100.000	100	80.00-	120.00	100.00

Data File: WF693430.D
Report Date: 21-Sep-2011 08:49

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.113	10.113	0.000	198173	100.000	97	80.00-	120.00	100.00	

Data File: WF693430.D

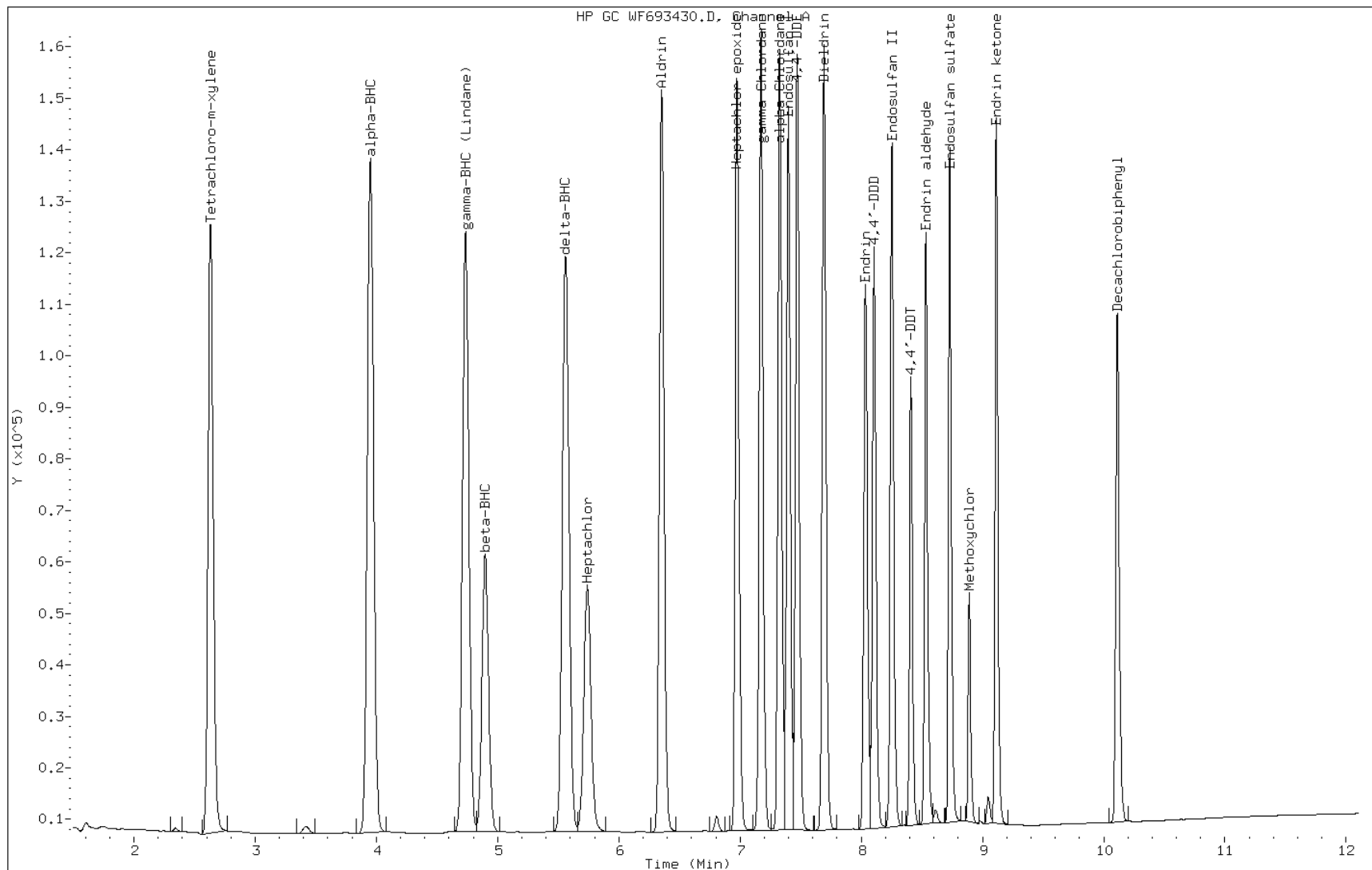
Date: 21-SEP-2011 06:50

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



Data File: WF693431.D
Report Date: 21-Sep-2011 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693431.D
Lab Smp Id: SGPESTL1_00008
Inj Date : 21-SEP-2011 07:04
Operator :
Smp Info : SGPESTL1_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 07:04
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693431.D
Calibration Sample, Level: 1
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.637	2.633	0.004	87222	25.0000	25	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.957	3.950	0.007	39873	10.0000	8.9	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
4.740	4.737	0.003	37900	10.0000	9.4	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
4.903	4.897	0.006	20984	10.0000	11	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
5.567	5.560	0.007	35653	10.0000	8.8	80.00- 120.00	100.00		

Data File: WF693431.D
Report Date: 21-Sep-2011 08:49

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.743	5.740	0.003	18024	10.0000	9.4	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.357	6.353	0.004	36150	10.0000	9.8	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.977	6.973	0.004	31407	10.0000	10	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.173	7.173	0.000	33701	10.0000	10	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.327	7.327	0.000	32918	10.0000	10	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.400	7.400	0.000	30009	10.0000	10	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.473	7.470	0.003	29395	10.0000	9.6	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.693	7.693	0.000	30719	10.0000	9.7	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.037	8.033	0.004	21813	10.0000	10	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.107	8.107	0.000	21950	10.0000	9.5	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.253	8.253	0.000	26219	10.0000	10	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.410	8.410	0.000	14237	10.0000	10	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.533	8.533	0.000	22998	10.0000	11	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.730	8.730	0.000	21500	10.0000	10	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.893	8.890	0.003	7363	10.0000	11	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.117	9.113	0.004	23081	10.0000	10	80.00-	120.00	100.00

Data File: WF693431.D
Report Date: 21-Sep-2011 08:49

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
10.113	10.113	0.000	52373	25.0000	26	80.00-	120.00	100.00	

Data File: WF693431.D

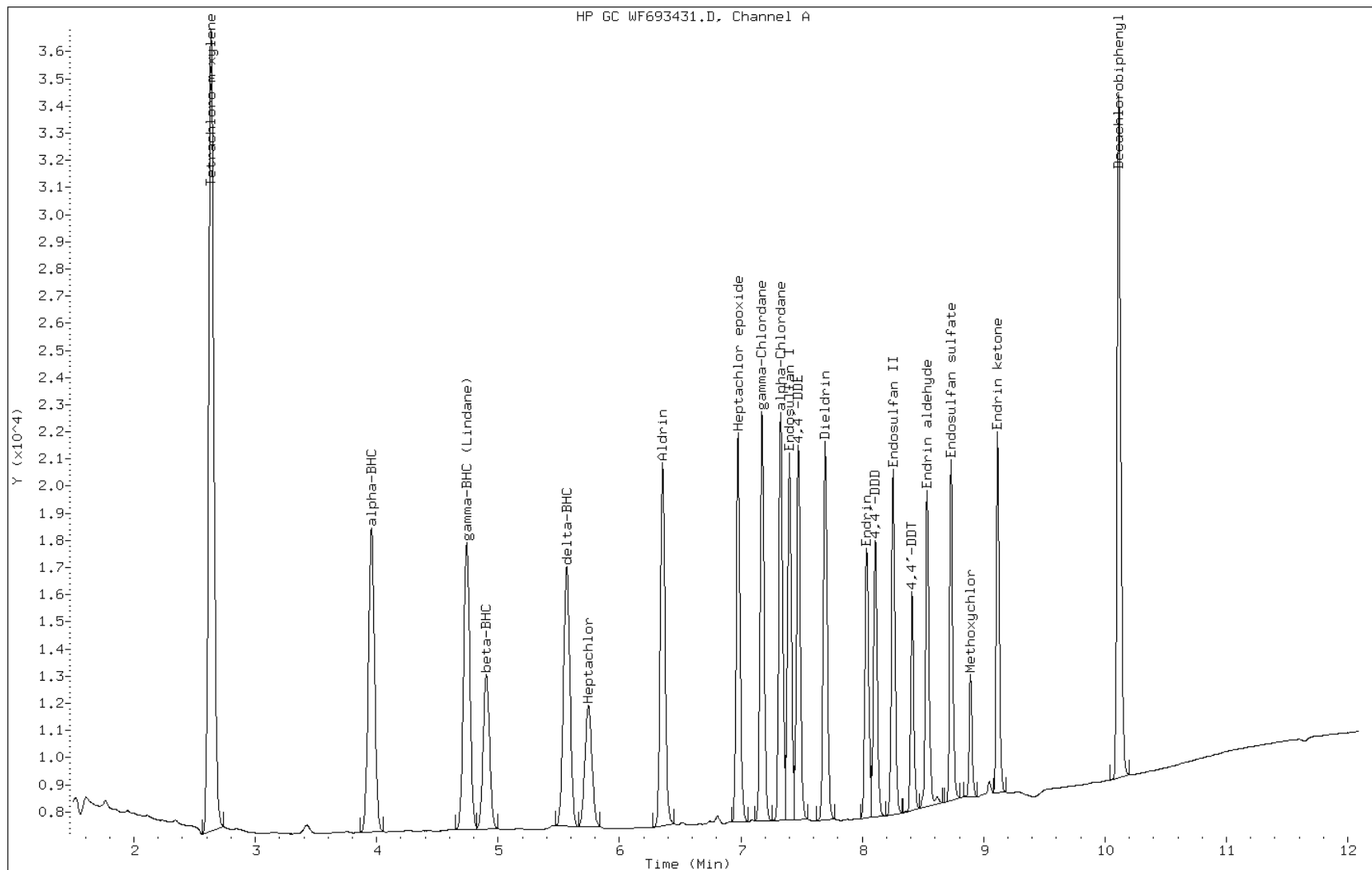
Date: 21-SEP-2011 07:04

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00008

Operator:



Data File: WF693432.D
Report Date: 21-Sep-2011 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693432.D
Lab Smp Id: SGPESTL2_00008
Inj Date : 21-SEP-2011 07:18
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
Meth Date : 21-Sep-2011 08:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 07:18 Cal File: WF693432.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		
2.633	2.633	0.000	188744	50.0000	54	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.953	3.950	0.003	222621	50.0000	50	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.737	4.737	0.000	200902	50.0000	50	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.900	4.897	0.003	99513	50.0000	50	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.563	5.560	0.003	199639	50.0000	50	80.00- 120.00		100.00

Data File: WF693432.D
Report Date: 21-Sep-2011 08:49

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.743	5.740	0.003	93184	50.0000	48	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.353	6.353	0.000	182617	50.0000	50	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.977	6.973	0.004	154342	50.0000	50	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.173	7.173	0.000	165045	50.0000	50	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.327	7.327	0.000	157898	50.0000	50	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.400	7.400	0.000	148760	50.0000	50	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.473	7.470	0.003	152930	50.0000	50	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.693	7.693	0.000	158058	50.0000	50	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.037	8.033	0.004	109621	50.0000	50	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.107	8.107	0.000	114177	50.0000	50	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.253	8.253	0.000	128346	50.0000	50	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.410	8.410	0.000	68923	50.0000	48	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.533	8.533	0.000	99276	50.0000	49	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.730	8.730	0.000	102365	50.0000	48	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.890	8.890	0.000	32471	50.0000	49	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.113	9.113	0.000	109445	50.0000	49	80.00-	120.00	100.00

Data File: WF693432.D
 Report Date: 21-Sep-2011 08:49

AMOUNTS						
			CAL-AMT		ON-COL	
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.113	10.113	0.000	112011	50.0000	55 80.00- 120.00	100.00

Data File: WF693432.D

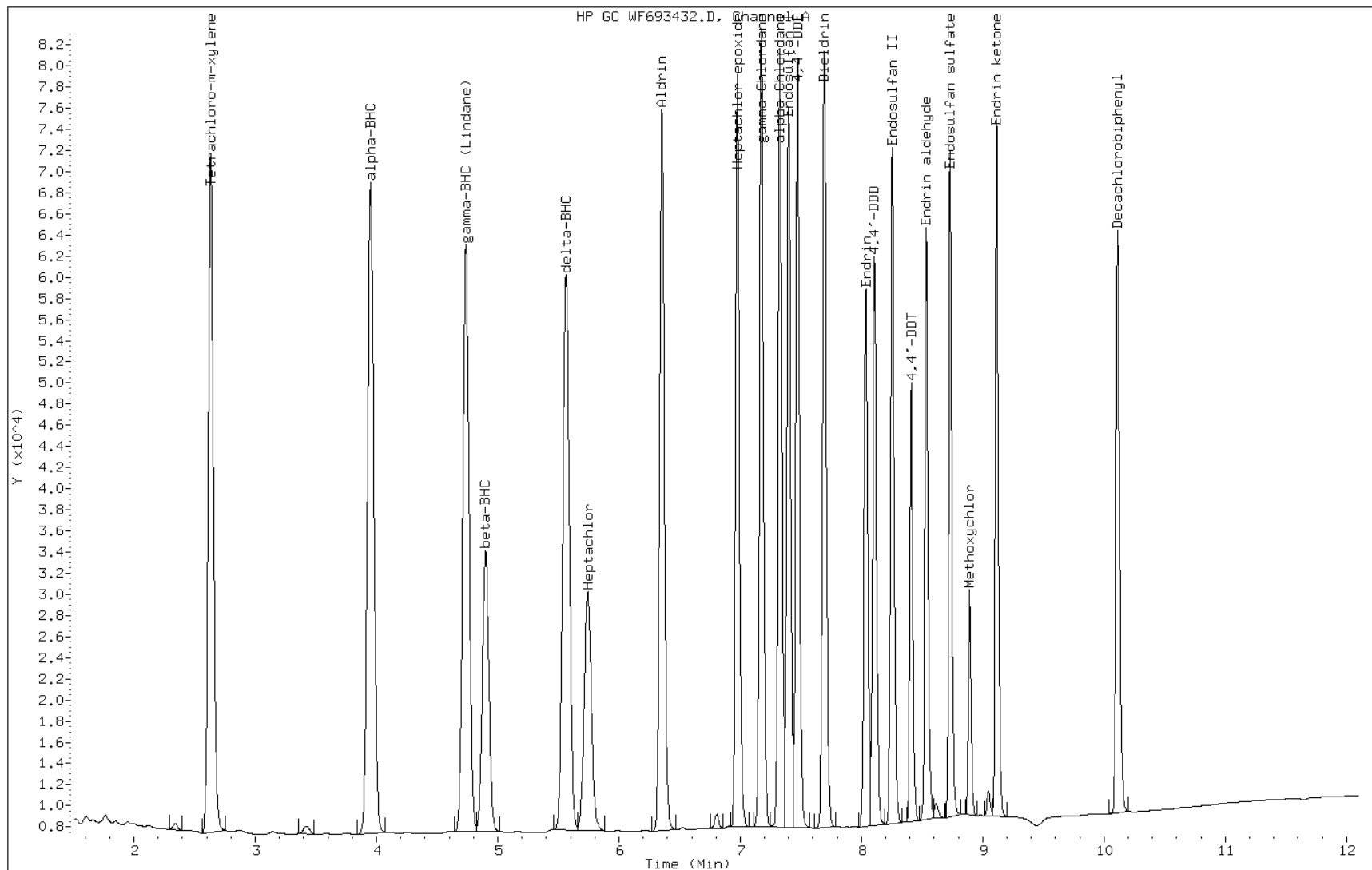
Date: 21-SEP-2011 07:18

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00008

Operator:



Data File: WF693433.D
Report Date: 21-Sep-2011 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693433.D
Lab Smp Id: SGPESTL4_00008
Inj Date : 21-SEP-2011 07:32
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
Meth Date : 21-Sep-2011 08:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 07:32 Cal File: WF693433.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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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		
2.633	2.633	0.000	522727	150.000	150	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.953	3.950	0.003	1186805	250.000	260	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.740	4.737	0.003	1054696	250.000	260	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.900	4.897	0.003	484901	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.563	5.560	0.003	1067674	250.000	260	80.00- 120.00		100.00

Data File: WF693433.D
Report Date: 21-Sep-2011 08:49

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.743	5.740	0.003	509283	250.000	260	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.353	6.353	0.000	942004	250.000	260	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.973	6.973	0.000	780947	250.000	250	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.173	7.173	0.000	837404	250.000	250	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.327	7.327	0.000	784627	250.000	250	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.397	7.400	-0.003	758112	250.000	250	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.473	7.470	0.003	786852	250.000	260	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.693	7.693	0.000	809738	250.000	260	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.033	8.033	0.000	554042	250.000	250	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.107	8.107	0.000	593729	250.000	260	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.253	8.253	0.000	648000	250.000	250	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.410	8.410	0.000	358725	250.000	250	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.533	8.533	0.000	491815	250.000	240	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.730	8.730	0.000	536970	250.000	250	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.890	8.890	0.000	163085	250.000	240	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.113	9.113	0.000	558217	250.000	250	80.00-	120.00	100.00

Data File: WF693433.D
Report Date: 21-Sep-2011 08:49

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.113	10.113	0.000	299774	150.000	150	80.00- 120.00	100.00				

Data File: WF693433.D

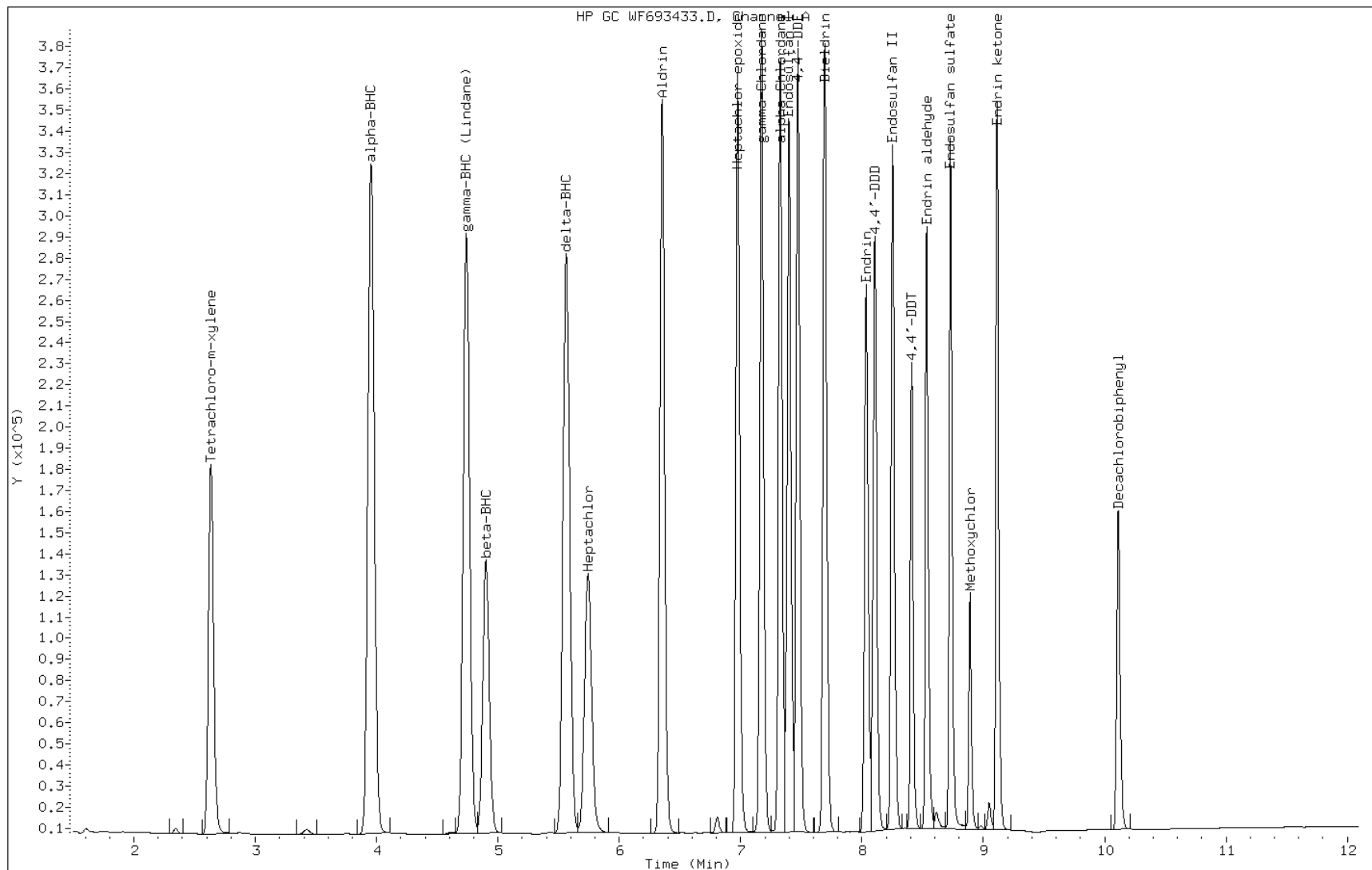
Date: 21-SEP-2011 07:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00008

Operator:



Data File: WF693434.D
 Report Date: 21-Sep-2011 08:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693434.D
 Lab Smp Id: SGPESTL5_00008
 Inj Date : 21-SEP-2011 07:46
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGPESTL5_00008
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
 Meth Date : 21-Sep-2011 08:49 ferdie Quant Type: ESTD
 Cal Date : 21-SEP-2011 07:46 Cal File: WF693434.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		
2.633	2.633	0.000	658278	200.000	190	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.950	3.950	0.000	2207458	500.000	490	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.737	4.737	0.000	1958975	500.000	480	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.897	4.897	0.000	892194	500.000	450	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.563	5.560	0.003	1993980	500.000	490	80.00- 120.00		100.00

Data File: WF693434.D
Report Date: 21-Sep-2011 08:49

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.740	5.740	0.000	977878	500.000	510	80.00-	120.00	100.00(A)
1	Aldrin					CAS #:	309-00-2	
6.353	6.353	0.000	1750605	500.000	480	80.00-	120.00	100.00
18	Heptachlor epoxide					CAS #:	1024-57-3	
6.977	6.973	0.004	1463122	500.000	470	80.00-	120.00	100.00
65	gamma-Chlordane					CAS #:	5103-74-2	
7.173	7.173	0.000	1573737	500.000	470	80.00-	120.00	100.00
66	alpha-Chlordane					CAS #:	5103-71-9	
7.327	7.327	0.000	1471835	500.000	470	80.00-	120.00	100.00
11	Endosulfan I					CAS #:	959-98-8	
7.400	7.400	0.000	1398131	500.000	470	80.00-	120.00	100.00
8	4,4'-DDE					CAS #:	72-55-9	
7.470	7.470	0.000	1506830	500.000	490	80.00-	120.00	100.00
10	Dieldrin					CAS #:	60-57-1	
7.693	7.693	0.000	1527832	500.000	480	80.00-	120.00	100.00
14	Endrin					CAS #:	72-20-8	
8.033	8.033	0.000	1046556	500.000	480	80.00-	120.00	100.00
7	4,4'-DDD					CAS #:	72-54-8	
8.107	8.107	0.000	1142853	500.000	500	80.00-	120.00	100.00
12	Endosulfan II					CAS #:	33213-65-9	
8.253	8.253	0.000	1244083	500.000	480	80.00-	120.00	100.00
9	4,4'-DDT					CAS #:	50-29-3	
8.410	8.410	0.000	716172	500.000	500	80.00-	120.00	100.00(A)
15	Endrin aldehyde					CAS #:	7421-93-4	
8.533	8.533	0.000	947187	500.000	470	80.00-	120.00	100.00
13	Endosulfan sulfate					CAS #:	1031-07-8	
8.730	8.730	0.000	1053548	500.000	500	80.00-	120.00	100.00
19	Methoxychlor					CAS #:	72-43-5	
8.890	8.890	0.000	317166	500.000	480	80.00-	120.00	100.00
16	Endrin ketone					CAS #:	53494-70-5	
9.113	9.113	0.000	1076735	500.000	480	80.00-	120.00	100.00

Data File: WF693434.D
Report Date: 21-Sep-2011 08:49

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
10.113	10.113	0.000	381253	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: WF693434.D

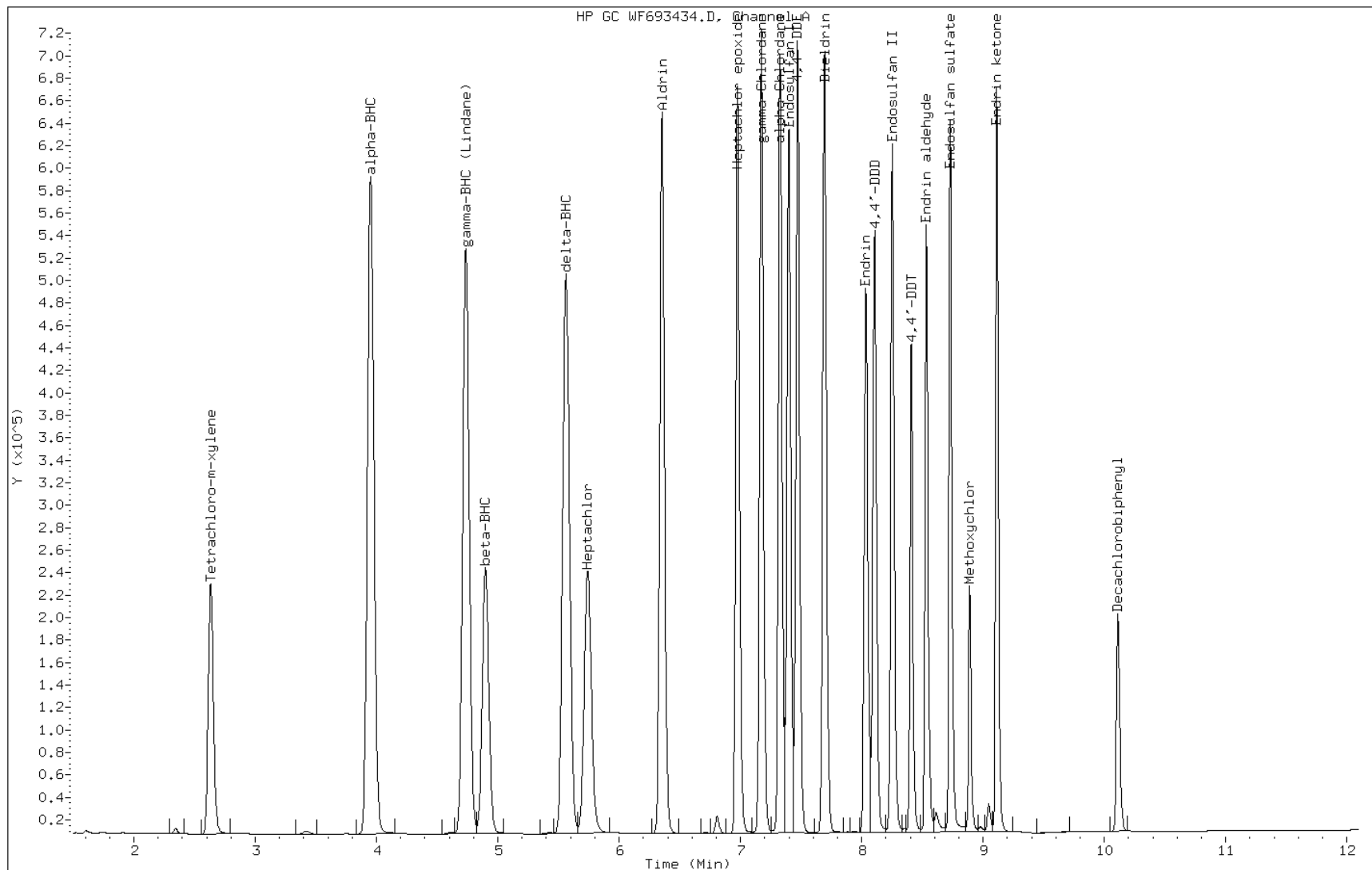
Date: 21-SEP-2011 07:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00008

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WR693431.D
Level 2	IC 460-86771/7	WR693432.D
Level 3	IC 460-86771/5	WR693430.D
Level 4	IC 460-86771/8	WR693433.D
Level 5	IC 460-86771/9	WR693434.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.787	2.780	2.780	2.783	2.780						2.733 - 2.833	2.782
gamma-BHC (Lindane)	3.430	3.427	3.423	3.427	3.427						3.377 - 3.477	3.427
beta-BHC	3.603	3.600	3.597	3.600	3.597						3.550 - 3.650	3.599
delta-BHC	3.960	3.953	3.953	3.957	3.953						3.907 - 4.007	3.955
Heptachlor	4.380	4.373	4.370	4.377	4.370						4.327 - 4.427	4.374
Aldrin	4.990	4.983	4.983	4.987	4.983						4.933 - 5.033	4.985
Heptachlor epoxide	6.190	6.190	6.187	6.190	6.187						6.120 - 6.260	6.189
gamma-Chlordane	6.357	6.357	6.353	6.353	6.353						6.287 - 6.427	6.355
alpha-Chlordane	6.510	6.510	6.507	6.507	6.507						6.440 - 6.580	6.508
4,4'-DDE	6.580	6.577	6.577	6.577	6.577						6.507 - 6.647	6.577
Endosulfan I	6.657	6.653	6.653	6.653	6.653						6.583 - 6.723	6.654
Dieldrin	6.890	6.890	6.887	6.887	6.887						6.817 - 6.957	6.888
Endrin	7.123	7.123	7.120	7.120	7.120						7.050 - 7.190	7.121
4,4'-DDD	7.167	7.163	7.163	7.163	7.163						7.093 - 7.233	7.164
Endosulfan II	7.347	7.343	7.343	7.343	7.343						7.273 - 7.413	7.344
4,4'-DDT	7.447	7.447	7.443	7.443	7.443						7.373 - 7.513	7.445
Endrin aldehyde	7.777	7.777	7.773	7.773	7.773						7.707 - 7.847	7.775
Methoxychlor	7.940	7.940	7.937	7.937	7.937						7.867 - 8.007	7.938
Endosulfan sulfate	8.233	8.233	8.233	8.233	8.233						8.163 - 8.303	8.233
Endrin ketone	8.473	8.473	8.473	8.470	8.473						8.403 - 8.543	8.473
Tetrachloro-m-xylene	2.097	2.093	2.093	2.097	2.093						2.043 - 2.143	2.095
DCB Decachlorobiphenyl	9.153	9.153	9.153	9.153	9.153						9.053 - 9.253	9.153

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WR693431.D
Level 2	IC 460-86771/7	WR693432.D
Level 3	IC 460-86771/5	WR693430.D
Level 4	IC 460-86771/8	WR693433.D
Level 5	IC 460-86771/9	WR693434.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	3885.0 4146.1	4292.2	4600.4	4492.3	Ave		4283.20480				6.6		20.0			
gamma-BHC (Lindane)	3685.1 3825.9	3981.2	4226.3	4173.5	Ave		3978.39000				5.7		20.0			
beta-BHC	1948.9 1712.4	1904.6	1958.8	1883.8	Ave		1881.68800				5.3		20.0			
delta-BHC	3507.8 3814.9	3909.8	4242.9	4179.8	Ave		3931.03840				7.5		20.0			
Heptachlor	2797.9 2572.8	2733.0	2820.5	2789.1	Ave		2742.65240				3.7		20.0			
Aldrin	3318.2 3650.9	3684.9	3949.7	3927.7	Ave		3706.26600				6.9		20.0			
Heptachlor epoxide	3158.6 3033.6	3249.4	3368.4	3297.3	Ave		3221.45360				4.0		20.0			
gamma-Chlordane	3398.0 3043.1	3250.5	3348.4	3280.6	Ave		3264.10560				4.2		20.0			
alpha-Chlordane	3002.6 2765.1	2986.8	3033.6	2972.5	Ave		2952.11400				3.6		20.0			
4,4'-DDE	2804.6 2838.9	2903.0	3076.7	3039.5	Ave		2932.55240				4.1		20.0			
Endosulfan I	2768.8 2641.3	2860.3	2906.8	2860.2	Ave		2807.49800				3.8		20.0			
Dieldrin	2752.3 2720.9	2870.6	2982.2	2926.6	Ave		2850.52080				3.9		20.0			
Endrin	2090.0 2001.3	2130.0	2229.3	2066.6	Ave		2103.46000				4.0		20.0			
4,4'-DDD	2239.2 2151.8	2316.6	2372.6	2409.0	Ave		2297.83480				4.5		20.0			
Endosulfan II	2727.7 2495.7	2716.4	2795.9	2701.5	Ave		2687.43640				4.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12307

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	2224.0 2098.0	2210.4	2275.0	2219.2	Ave		2205.33000				2.9		20.0			
Endrin aldehyde	2309.5 2059.6	2246.6	2265.6	2219.6	Ave		2220.18440				4.3		20.0			
Methoxychlor	1048.9 781.21	959.26	940.60	855.89	Ave		917.173200				11.2		20.0			
Endosulfan sulfate	2432.8 2245.7	2399.0	2455.9	2398.0	Ave		2386.28560				3.4		20.0			
Endrin ketone	2588.4 2289.2	2461.5	2513.1	2451.9	Ave		2460.80960				4.5		20.0			
Tetrachloro-m-xylene	3053.3 2857.9	3267.6	3058.6	3031.3	Ave		3053.71633				4.8		20.0			
DCB Decachlorobiphenyl	2355.9 2171.3	2537.7	2202.5	2269.3	Ave		2307.35633				6.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 06:50 Calibration End Date: 09/21/2011 07:46 Calibration ID: 12307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/6	WR693431.D
Level 2	IC 460-86771/7	WR693432.D
Level 3	IC 460-86771/5	WR693430.D
Level 4	IC 460-86771/8	WR693433.D
Level 5	IC 460-86771/9	WR693434.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	38850	214611	460044	1123071	2073040	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	36851	199059	422629	1043374	1912942	10.0	50.0	100	250	500
beta-BHC	Ave	19489	95229	195879	470952	856181	10.0	50.0	100	250	500
delta-BHC	Ave	35078	195489	424291	1044962	1907427	10.0	50.0	100	250	500
Heptachlor	Ave	27979	136650	282046	697270	1286411	10.0	50.0	100	250	500
Aldrin	Ave	33182	184244	394966	981931	1825433	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	31586	162470	336841	824326	1516777	10.0	50.0	100	250	500
gamma-Chlordane	Ave	33980	162524	334838	820154	1521526	10.0	50.0	100	250	500
alpha-Chlordane	Ave	30026	149340	303358	743128	1382539	10.0	50.0	100	250	500
4,4'-DDE	Ave	28046	145151	307673	759878	1419450	10.0	50.0	100	250	500
Endosulfan I	Ave	27688	143015	290682	715056	1320673	10.0	50.0	100	250	500
Dieldrin	Ave	27523	143529	298223	731660	1360427	10.0	50.0	100	250	500
Endrin	Ave	20900	106502	222933	516651	1000663	10.0	50.0	100	250	500
4,4'-DDD	Ave	22392	115828	237263	602238	1075916	10.0	50.0	100	250	500
Endosulfan II	Ave	27277	135820	279592	675376	1247829	10.0	50.0	100	250	500
4,4'-DDT	Ave	22240	110522	227497	554800	1049020	10.0	50.0	100	250	500
Endrin aldehyde	Ave	23095	112332	226559	554898	1029800	10.0	50.0	100	250	500
Methoxychlor	Ave	10489	47963	94060	213973	390607	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	24328	119951	245591	599509	1122831	10.0	50.0	100	250	500
Endrin ketone	Ave	25884	123074	251309	612975	1144589	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	76332	163379	305859	454690	571573	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	58897	126886	220254	340402	434259	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693430.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 21-SEP-2011 06:50
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 07:46
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693434.D
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.093	2.093	0.000	305859	100.000	100	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.780	2.780	0.000	460044	100.000	110	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.423	3.423	0.000	422629	100.000	110	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.597	3.597	0.000	195879	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.953	3.953	0.000	424291	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								
4.370	4.370	0.000	282046	100.000	CAS #: 76-44-8 100	80.00- 120.00		100.00

1 Aldrin								
4.983	4.983	0.000	394966	100.000	CAS #: 309-00-2 110	80.00- 120.00		100.00

18 Heptachlor epoxide								
6.187	6.187	0.000	336841	100.000	CAS #: 1024-57-3 100	80.00- 120.00		100.00

65 gamma-Chlordane								
6.353	6.353	0.000	334838	100.000	CAS #: 5103-74-2 100	80.00- 120.00		100.00

66 alpha-Chlordane								
6.507	6.507	0.000	303358	100.000	CAS #: 5103-71-9 100	80.00- 120.00		100.00

8 4,4'-DDE								
6.577	6.577	0.000	307673	100.000	CAS #: 72-55-9 100	80.00- 120.00		100.00

11 Endosulfan I								
6.653	6.653	0.000	290682	100.000	CAS #: 959-98-8 100	80.00- 120.00		100.00

10 Dieldrin								
6.887	6.887	0.000	298223	100.000	CAS #: 60-57-1 100	80.00- 120.00		100.00

14 Endrin								
7.120	7.120	0.000	222933	100.000	CAS #: 72-20-8 100	80.00- 120.00		100.00

7 4,4'-DDD								
7.163	7.163	0.000	237263	100.000	CAS #: 72-54-8 100	80.00- 120.00		100.00

12 Endosulfan II								
7.343	7.343	0.000	279592	100.000	CAS #: 33213-65-9 100	80.00- 120.00		100.00

9 4,4'-DDT								
7.443	7.443	0.000	227497	100.000	CAS #: 50-29-3 100	80.00- 120.00		100.00

15 Endrin aldehyde								
7.773	7.773	0.000	226559	100.000	CAS #: 7421-93-4 100	80.00- 120.00		100.00

19 Methoxychlor								
7.937	7.937	0.000	94060	100.000	CAS #: 72-43-5 100	80.00- 120.00		100.00

13 Endosulfan sulfate								
8.233	8.233	0.000	245591	100.000	CAS #: 1031-07-8 100	80.00- 120.00		100.00

16 Endrin ketone								
8.473	8.473	0.000	251309	100.000	CAS #: 53494-70-5 100	80.00- 120.00		100.00

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.153	9.153	0.000	220254	100.000	95	80.00-	120.00	100.00	

Data File: WR693430.D

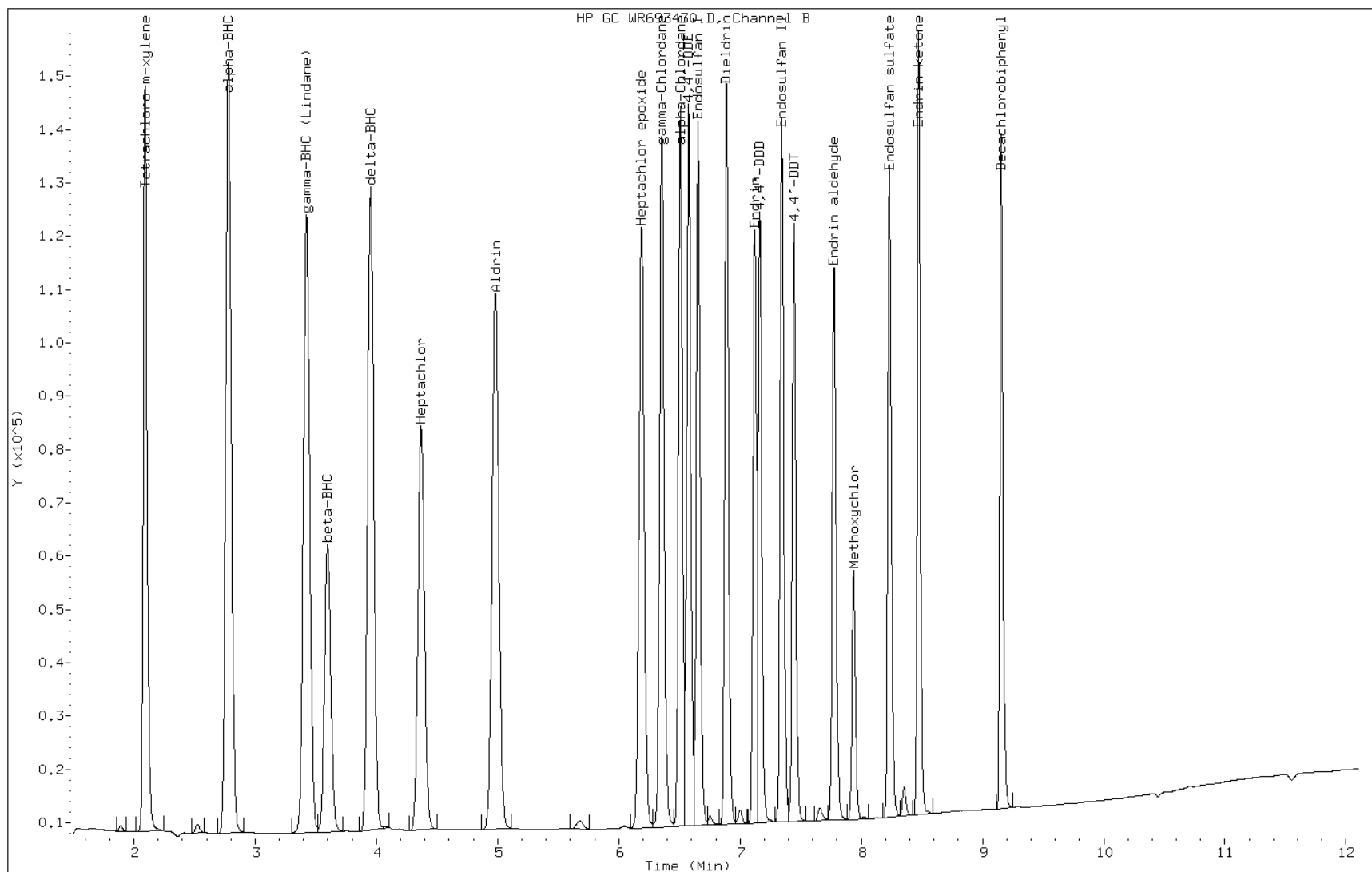
Date: 21-SEP-2011 06:50

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693431.D
Lab Smp Id: SGPESTL1_00008
Inj Date : 21-SEP-2011 07:04
Operator :
Smp Info : SGPESTL1_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693436.D
Calibration Sample, Level: 1
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.097	2.093	0.004	76332	25.0000	25	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.787	2.783	0.004	38850	10.0000	9.1	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.430	3.427	0.003	36851	10.0000	9.3	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.603	3.600	0.003	19489	10.0000	10	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.960	3.957	0.003	35078	10.0000	8.9	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.380	4.377	0.003	27979	10.0000	10	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.990	4.983	0.007	33182	10.0000	9.0	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.190	6.190	0.000	31586	10.0000	9.8	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.357	6.357	0.000	33980	10.0000	10	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.510	6.510	0.000	30026	10.0000	10	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.580	6.577	0.003	28046	10.0000	9.6	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.657	6.653	0.004	27688	10.0000	9.9	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.890	6.887	0.003	27523	10.0000	9.6	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.123	7.120	0.003	20900	10.0000	9.9	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.167	7.163	0.004	22392	10.0000	9.7	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.347	7.343	0.004	27277	10.0000	10	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.447	7.443	0.004	22240	10.0000	10	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.777	7.777	0.000	23095	10.0000	10	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.940	7.937	0.003	10489	10.0000	11	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.233	8.233	0.000	24328	10.0000	10	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.473	8.473	0.000	25884	10.0000	10	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 30 Decachlorobiphenyl(surr)									
			CAS #: 2051-24-3						
9.153	9.153	0.000	58897	25.0000	26	80.00- 120.00	100.00		

Data File: WR693431.D

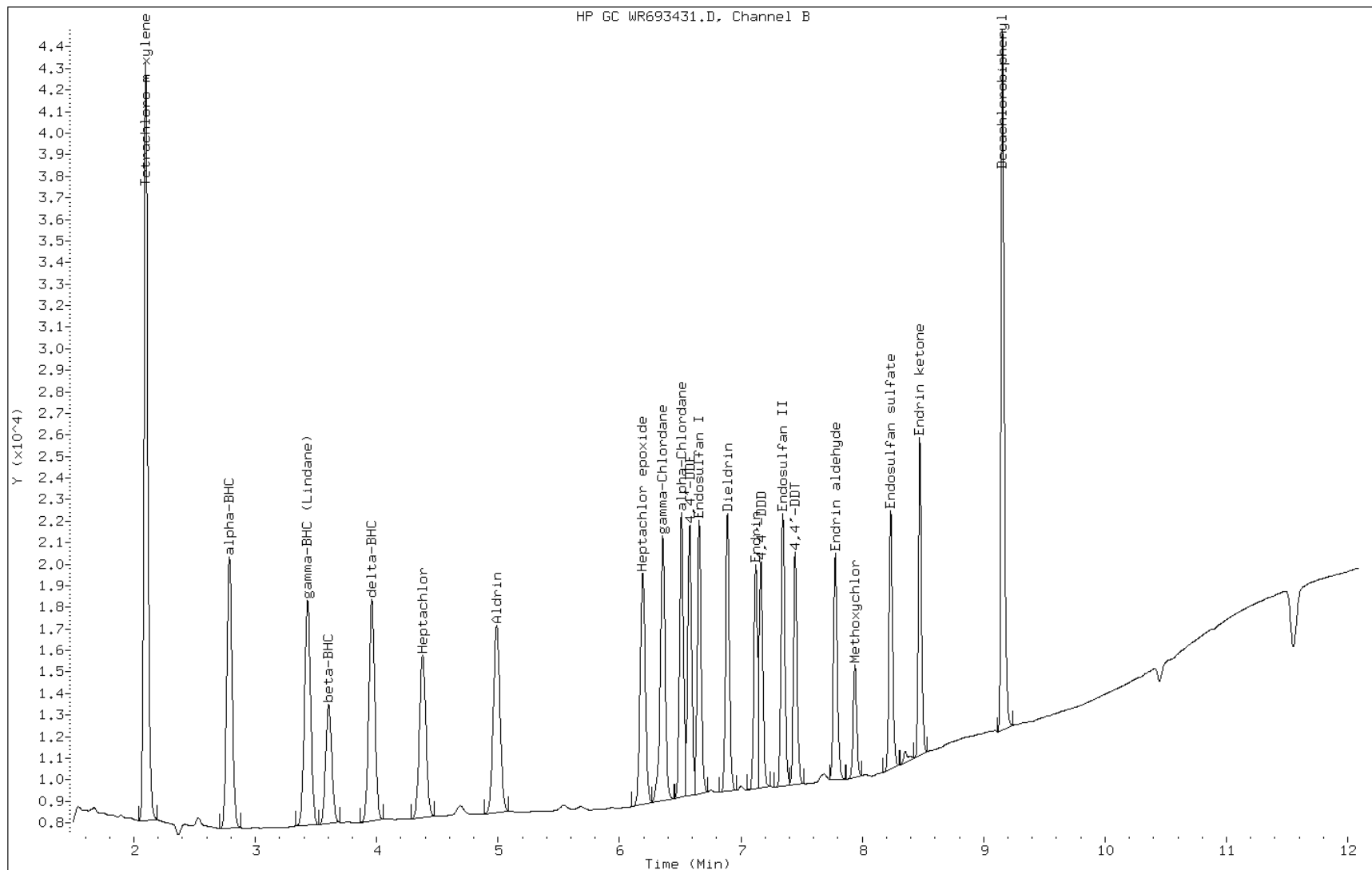
Date: 21-SEP-2011 07:04

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00008

Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693432.D
Lab Smp Id: SGPESTL2_00008
Inj Date : 21-SEP-2011 07:18
Operator :
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693436.D
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.093	2.093	0.000	163379	50.0000	54	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.780	2.783	-0.003	214611	50.0000	50	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.427	3.427	0.000	199059	50.0000	50	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.600	3.600	0.000	95229	50.0000	51	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.953	3.957	-0.004	195489	50.0000	50	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.373	4.377	-0.004	136650	50.0000	50	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.983	4.983	0.000	184244	50.0000	50	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.190	6.190	0.000	162470	50.0000	50	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.357	6.357	0.000	162524	50.0000	50	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.510	6.510	0.000	149340	50.0000	50	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.577	6.577	0.000	145151	50.0000	49	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.653	6.653	0.000	143015	50.0000	51	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.890	6.887	0.003	143529	50.0000	50	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.123	7.120	0.003	106502	50.0000	51	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.163	7.163	0.000	115828	50.0000	50	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.343	7.343	0.000	135820	50.0000	50	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.447	7.443	0.004	110522	50.0000	50	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.777	7.777	0.000	112332	50.0000	50	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.940	7.937	0.003	47963	50.0000	52	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.233	8.233	0.000	119951	50.0000	50	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.473	8.473	0.000	123074	50.0000	50	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.153	9.153	0.000	126886	50.0000	55	80.00-	120.00	100.00	

Data File: WR693432.D

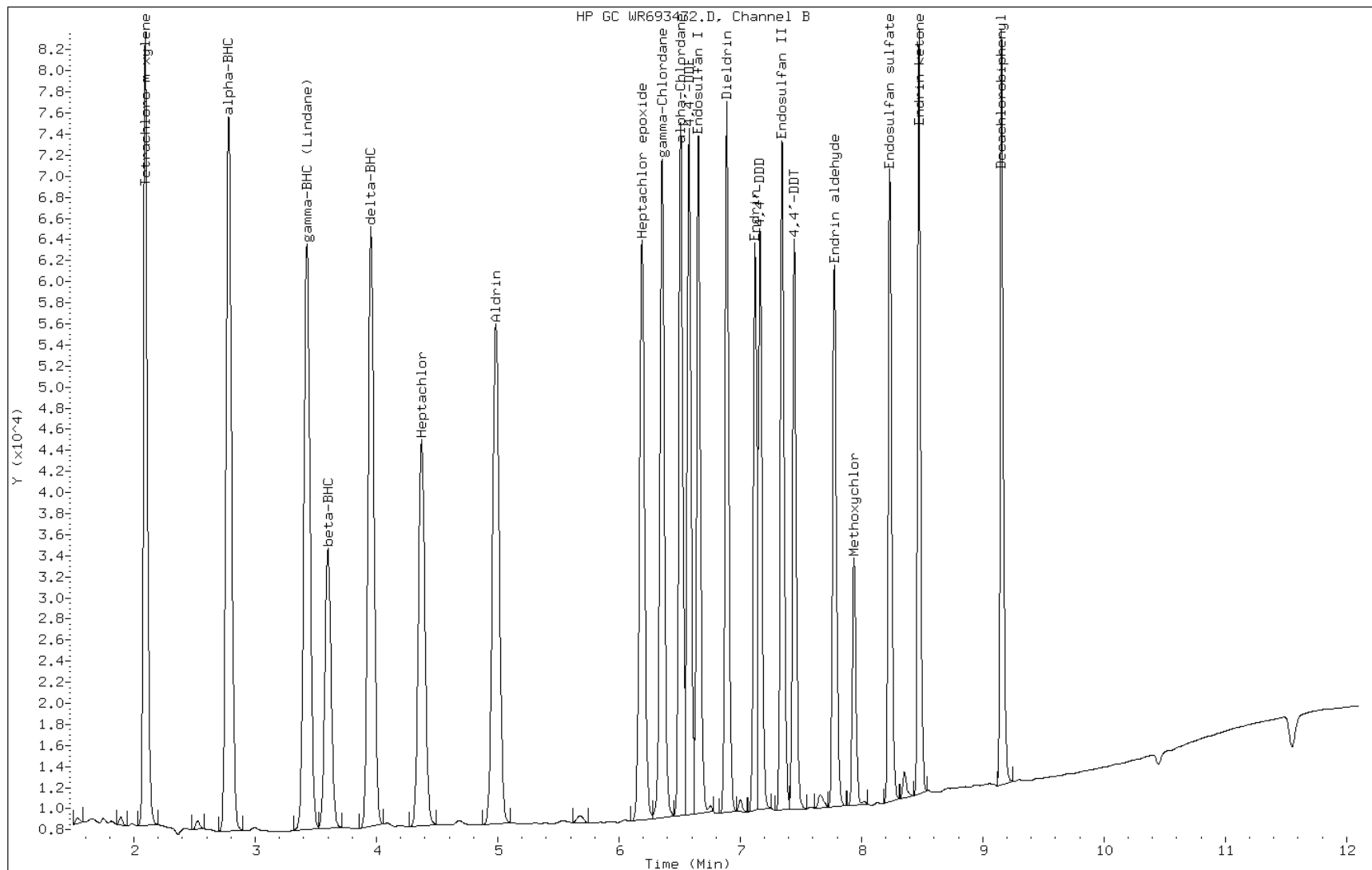
Date: 21-SEP-2011 07:18

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693433.D
Lab Smp Id: SGPESTL4_00008
Inj Date : 21-SEP-2011 07:32
Operator :
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693436.D
Calibration Sample, Level: 4
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.097	2.093	0.004	454690	150.000	150	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
2.783	2.783	0.000	1123071	250.000	260	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.427	3.427	0.000	1043374	250.000	260	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
3.600	3.600	0.000	470952	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
3.957	3.957	0.000	1044962	250.000	260	80.00- 120.00		100.00

				AMOUNTS				
RT	EXP RT	DLT RT		RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.377	4.377	0.000		697270	250.000	250	80.00- 120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.987	4.983	0.004		981931	250.000	260	80.00- 120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.190	6.190	0.000		824326	250.000	260	80.00- 120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.353	6.357	-0.004		820154	250.000	250	80.00- 120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.507	6.510	-0.003		743128	250.000	250	80.00- 120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.577	6.577	0.000		759878	250.000	260	80.00- 120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.653	6.653	0.000		715056	250.000	250	80.00- 120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.887	6.887	0.000		731660	250.000	260	80.00- 120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.120	7.120	0.000		516651	250.000	240	80.00- 120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.163	7.163	0.000		602238	250.000	260	80.00- 120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.343	7.343	0.000		675376	250.000	250	80.00- 120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.443	7.443	0.000		554800	250.000	250	80.00- 120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.773	7.777	-0.004		554898	250.000	250	80.00- 120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.937	7.937	0.000		213973	250.000	230	80.00- 120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.233	8.233	0.000		599509	250.000	250	80.00- 120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.470	8.473	-0.003		612975	250.000	250	80.00- 120.00	100.00

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.153	9.153	0.000	340402	150.000	150	80.00-	120.00	100.00	

Data File: WR693433.D

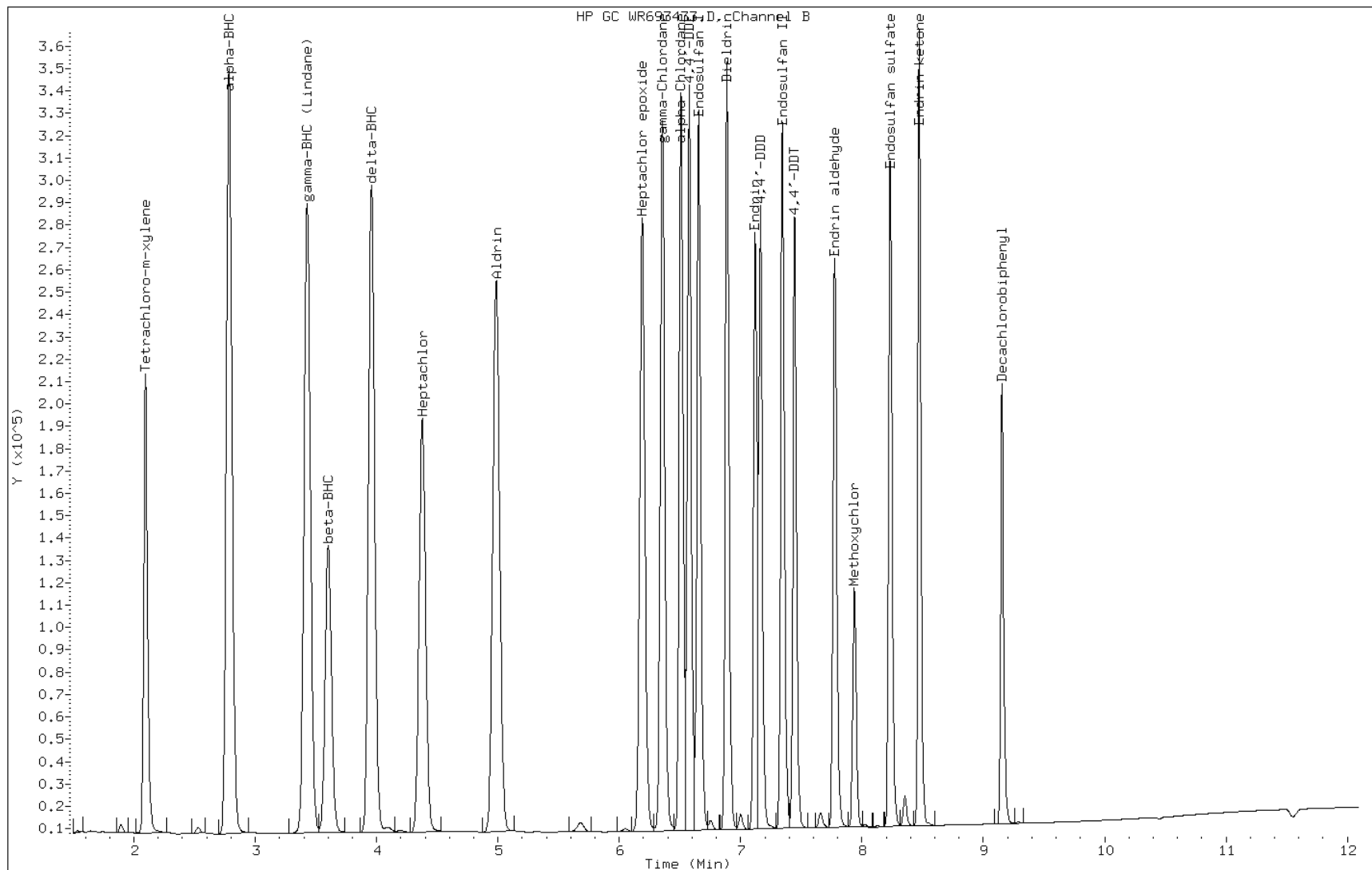
Date: 21-SEP-2011 07:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693434.D
Lab Smp Id: SGPESTL5_00008
Inj Date : 21-SEP-2011 07:46
Operator :
Smp Info : SGPESTL5_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693436.D
Calibration Sample, Level: 5
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.093	2.093	0.000	571573	200.000	190	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.780	2.783	-0.003	2073040	500.000	480	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.427	3.427	0.000	1912942	500.000	480	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.597	3.600	-0.003	856181	500.000	460	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.953	3.957	-0.004	1907427	500.000	480	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.370	4.377	-0.007	1286411	500.000	470	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.983	4.983	0.000	1825433	500.000	490	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.187	6.190	-0.003	1516777	500.000	470	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.353	6.357	-0.004	1521526	500.000	470	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.507	6.510	-0.003	1382539	500.000	470	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.577	6.577	0.000	1419450	500.000	480	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.653	6.653	0.000	1320673	500.000	470	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.887	6.887	0.000	1360427	500.000	480	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.120	7.120	0.000	1000663	500.000	480	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.163	7.163	0.000	1075916	500.000	470	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.343	7.343	0.000	1247829	500.000	460	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.443	7.443	0.000	1049020	500.000	480	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.773	7.777	-0.004	1029800	500.000	460	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.937	7.937	0.000	390607	500.000	420	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.233	8.233	0.000	1122831	500.000	470	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.473	8.473	0.000	1144589	500.000	460	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						
9.153	9.153	0.000	434259	200.000	190	80.00- 120.00	100.00				

Data File: WR693434.D

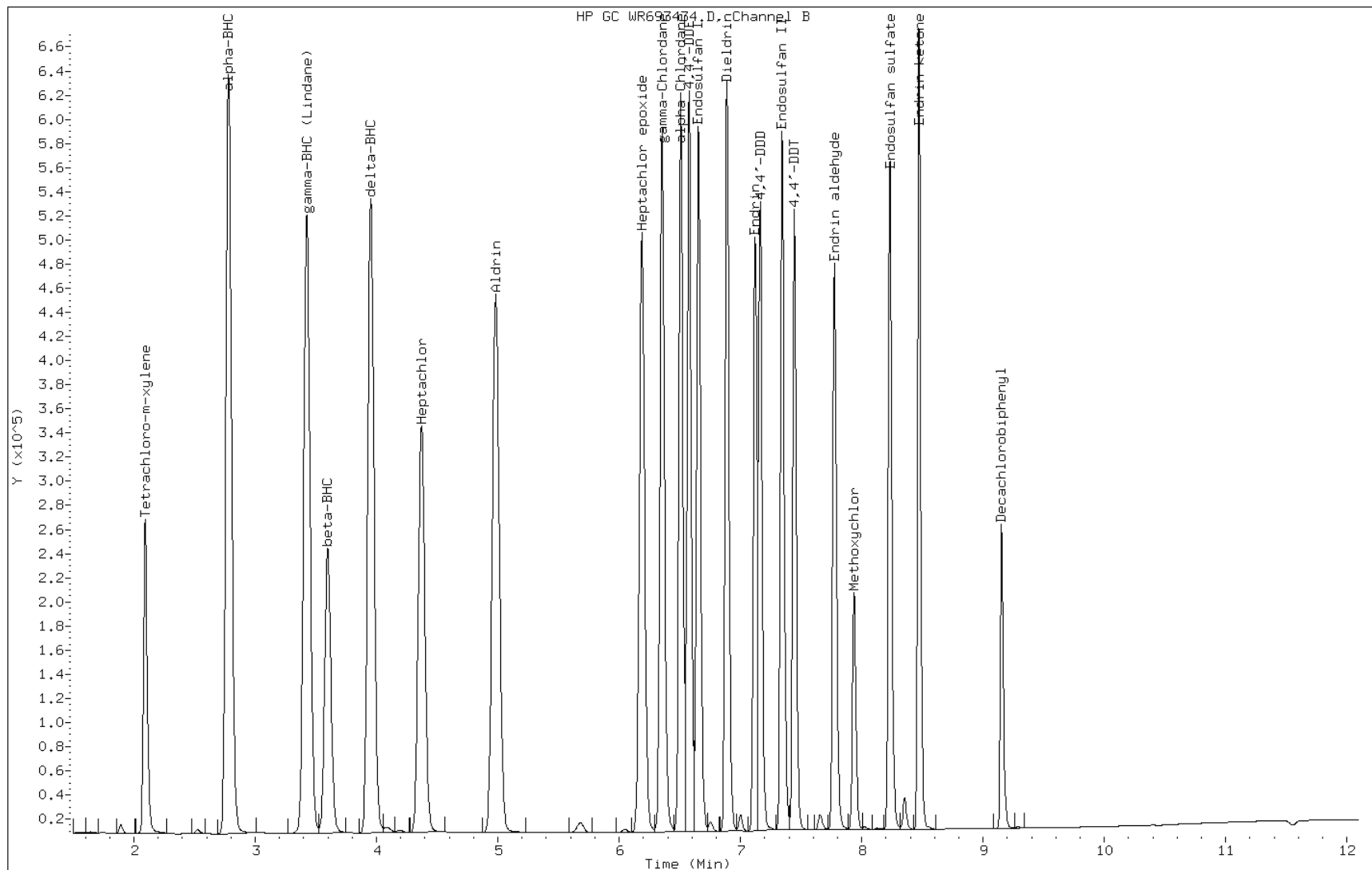
Date: 21-SEP-2011 07:46

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00008

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12311

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WF693436.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.963										7.893 - 8.033	7.963
Toxaphene Peak 2	8.327										8.257 - 8.397	8.327
Toxaphene Peak 3	8.537										8.467 - 8.607	8.537
Toxaphene Peak 4	8.603										8.533 - 8.673	8.603
Toxaphene Peak 5	8.900										8.830 - 8.970	8.900
Toxaphene Peak 6	8.940										8.870 - 9.010	8.940
Toxaphene Peak 7	9.190										9.120 - 9.260	9.190
Toxaphene Peak 8	9.327										9.257 - 9.397	9.327

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12311

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WF693436.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	80.888				Ave		80.8880000						20.0			
Toxaphene Peak 2	126.89				Ave		126.8880000						20.0			
Toxaphene Peak 3	128.82				Ave		128.8220000						20.0			
Toxaphene Peak 4	123.19				Ave		123.1860000						20.0			
Toxaphene Peak 5	136.72				Ave		136.7220000						20.0			
Toxaphene Peak 6	181.01				Ave		181.0100000						20.0			
Toxaphene Peak 7	48.177				Ave		48.1770000						20.0			
Toxaphene Peak 8	61.561				Ave		61.5610000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12311

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WF693436.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	80888					1000				
Toxaphene Peak 2	Ave	126888					1000				
Toxaphene Peak 3	Ave	128822					1000				
Toxaphene Peak 4	Ave	123186					1000				
Toxaphene Peak 5	Ave	136722					1000				
Toxaphene Peak 6	Ave	181010					1000				
Toxaphene Peak 7	Ave	48177					1000				
Toxaphene Peak 8	Ave	61561					1000				

Curve Type Legend:

Ave = Average

Data File: WF693436.D
Report Date: 21-Sep-2011 08:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/WF693436.D
Lab Smp Id: SGT0XL3_00010
Inj Date : 21-SEP-2011 08:13
Operator :
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-21-11aical/21sep11a.b/08Wf8081.m
Meth Date : 21-Sep-2011 08:50 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693436.D
Calibration Sample, Level: 3
Compound Sublist: TOXAPH0.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene				CAS #: 8001-35-2		
7.963	7.963	0.000	80888 1000.00	1000	80.00- 120.00	100.00
8.327	8.327	0.000	126888 1000.00	1000	125.50- 188.24	156.87
8.537	8.537	0.000	128822 1000.00	1000	127.41- 191.11	159.26
8.603	8.603	0.000	123186 1000.00	1000	121.83- 182.75	152.29
8.900	8.900	0.000	136722 1000.00	1000	135.22- 202.83	169.03
8.940	8.940	0.000	181010 1000.00	1000	179.02- 268.53	223.78
9.190	9.190	0.000	48177 1000.00	1000	47.65- 71.47	59.56
9.327	9.327	0.000	61561 1000.00	1000	60.89- 91.33	76.11
Average of Peak Amounts =				1e+03		

Data File: WF693436.D

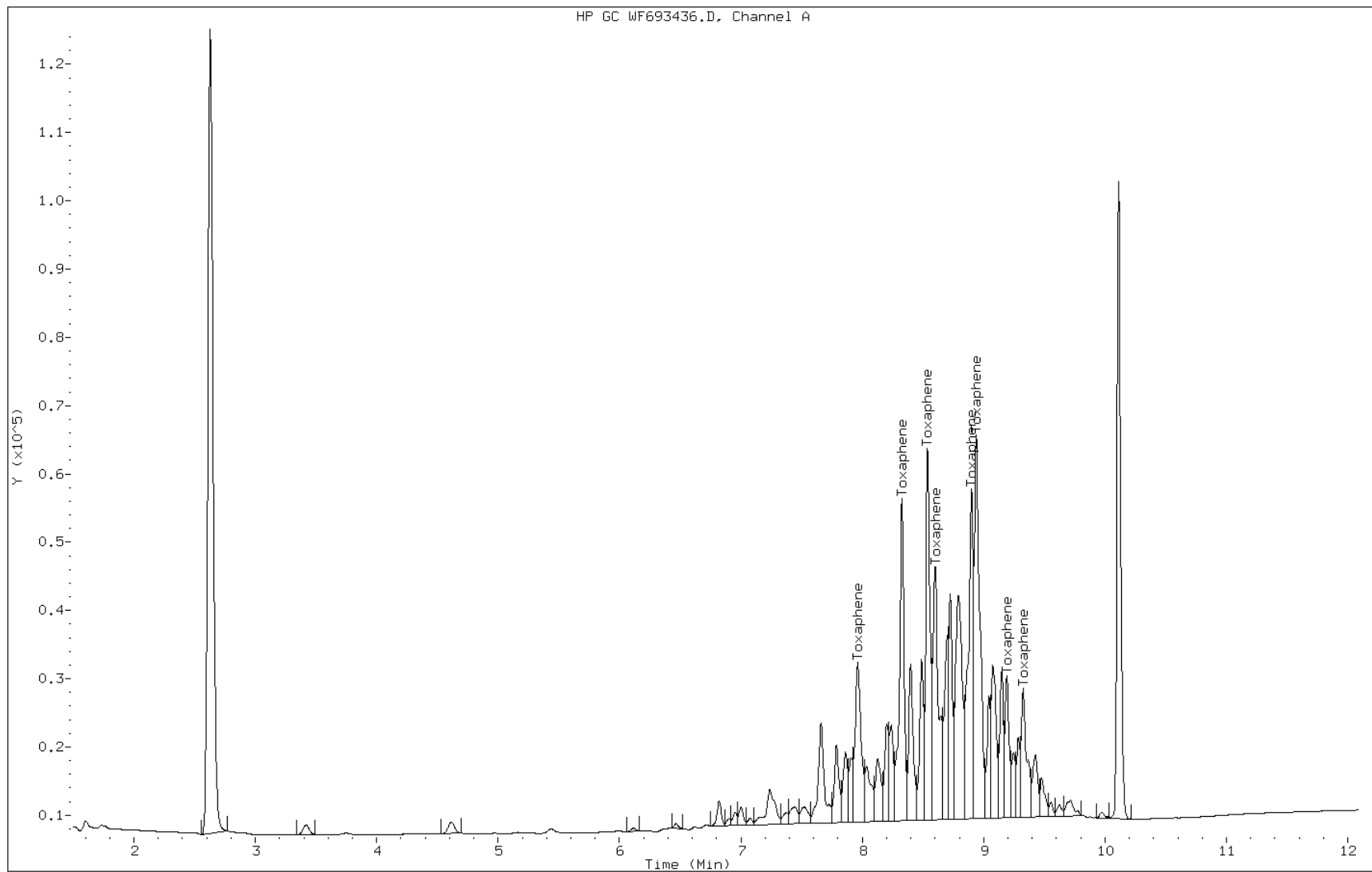
Date: 21-SEP-2011 08:13

Client ID:

Instrument: PESTGC4.i

Sample Info: SGT0XL3_00010

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12312

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WR693436.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.403										7.333 - 7.473	7.403
Toxaphene Peak 2	7.460										7.390 - 7.530	7.460
Toxaphene Peak 3	7.673										7.603 - 7.743	7.673
Toxaphene Peak 4	7.747										7.677 - 7.817	7.747
Toxaphene Peak 5	8.133										8.063 - 8.203	8.133
Toxaphene Peak 6	8.200										8.130 - 8.270	8.200
Toxaphene Peak 7	8.457										8.387 - 8.527	8.457
Toxaphene Peak 8	8.563										8.493 - 8.633	8.563

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12312

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WR693436.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	107.48				Ave		107.483000						20.0			
Toxaphene Peak 2	113.57				Ave		113.574000						20.0			
Toxaphene Peak 3	228.30				Ave		228.295000						20.0			
Toxaphene Peak 4	143.64				Ave		143.641000						20.0			
Toxaphene Peak 5	148.25				Ave		148.245000						20.0			
Toxaphene Peak 6	225.72				Ave		225.719000						20.0			
Toxaphene Peak 7	92.503				Ave		92.5030000						20.0			
Toxaphene Peak 8	61.918				Ave		61.9180000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 86771

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2011 08:13 Calibration End Date: 09/21/2011 08:13 Calibration ID: 12312

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-86771/11	WR693436.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	107483					1000				
Toxaphene Peak 2	Ave	113574					1000				
Toxaphene Peak 3	Ave	228295					1000				
Toxaphene Peak 4	Ave	143641					1000				
Toxaphene Peak 5	Ave	148245					1000				
Toxaphene Peak 6	Ave	225719					1000				
Toxaphene Peak 7	Ave	92503					1000				
Toxaphene Peak 8	Ave	61918					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/WR693436.D
Lab Smp Id: SGT0XL3_00010
Inj Date : 21-SEP-2011 08:13
Operator : Inst ID: PESTGC4.i
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-21-11aical/21sep11a.b/08Wr8081.m
Meth Date : 21-Sep-2011 08:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene				CAS #: 8001-35-2		
7.403	7.403	0.000	107483 1000.00	1000	80.00- 120.00	100.00
7.460	7.460	0.000	113574 1000.00	1000	84.53- 126.80	105.67
7.673	7.673	0.000	228295 1000.00	1000	169.92- 254.88	212.40
7.747	7.747	0.000	143641 1000.00	1000	106.91- 160.37	133.64
8.133	8.133	0.000	148245 1000.00	1000	110.34- 165.51	137.92
8.200	8.200	0.000	225719 1000.00	1000	168.00- 252.01	210.00
8.457	8.457	0.000	92503 1000.00	1000	68.85- 103.28	86.06
8.563	8.563	0.000	61918 1000.00	1000	46.09- 69.13	57.61
Average of Peak Amounts =				1e+03		

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Lab Sample ID (2): RESC 460-87016/3 Instrument ID (2): PESTGC4

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 09/22/2011 13:14

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.63	100
Endosulfan I	7.39	100
4,4'-DDE	7.47	86.4
Dieldrin	7.69	100
Endosulfan sulfate	8.73	100
Methoxychlor	8.89	100
Endrin ketone	9.11	100
DCB Decachlorobiphenyl	10.11	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab Sample ID (1): RESC 460-87016/3 Instrument ID (1): PESTGC4
GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 09/22/2011 13:14

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.09	100
gamma-Chlordane	6.35	100
4,4'-DDE	6.57	94.5
Endosulfan I	6.65	100
Dieldrin	6.88	100
Methoxychlor	7.93	100
Endosulfan sulfate	8.23	100
Endrin ketone	8.47	100
DCB Decachlorobiphenyl	9.15	100

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab Sample ID: PEM 460-86980/1 Calibration Date: 09/22/2011 09:03
Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
Lab File ID: WF693476.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.03	528995	8.64	15	
Endrin aldehyde	8.53	19919			
Endrin ketone	9.11	30079			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.41	347406	4.36	15	
4,4'-DDD	0.00	0			
4,4'-DDE	7.47	15855			

Data File: WF693476.D
Report Date: 22-Sep-2011 13:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/WF693476.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 22-SEP-2011 09:03
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/08Wf8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE					CAS #: 72-55-9			
7.467	7.467	0.000	15855	5.16488	0.26	80.00- 120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3			
8.407	8.407	0.000	347406	244.657	12	80.00- 120.00	100.00	

14 Endrin					CAS #: 72-20-8			
8.030	8.027	0.003	528995	241.638	12	80.00- 120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4			
8.530	8.530	0.000	19919	9.82545	0.49	80.00- 120.00	100.00(a)	

16 Endrin ketone					CAS #: 53494-70-5			
9.113	9.110	0.003	30079	13.5452	0.68	80.00- 120.00	100.00	

Data File: WF693476.D
Report Date: 22-Sep-2011 13:00

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WF693476.D

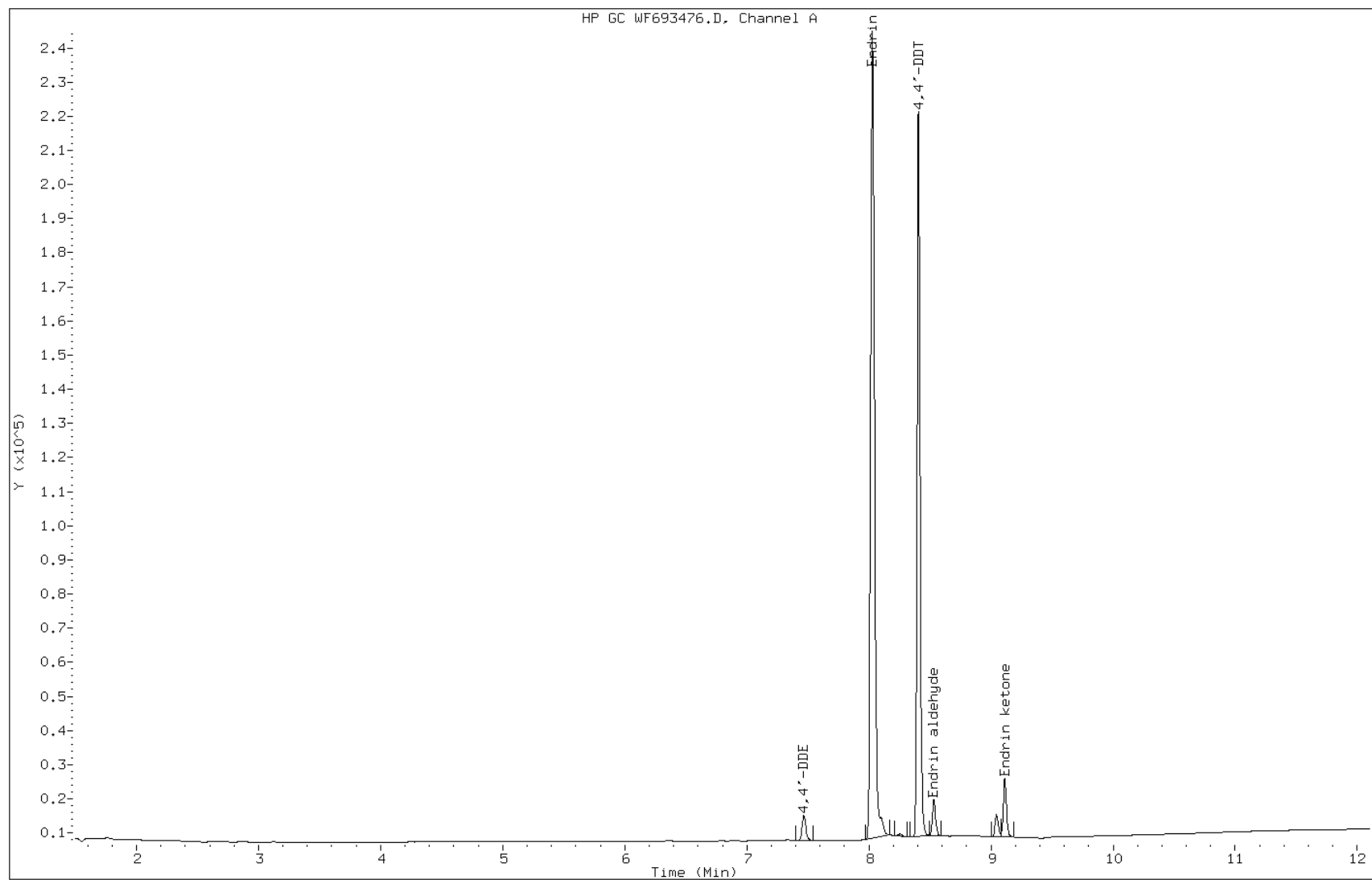
Date: 22-SEP-2011 09:03

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Lab Sample ID: PEM 460-86980/1 Calibration Date: 09/22/2011 09:03
Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
Lab File ID: WR693476.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.11	553368	9.39	15	
Endrin aldehyde	7.77	22911			
Endrin ketone	8.47	34466			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.44	532781	2.76	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.57	15134			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693476.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 22-SEP-2011 09:03
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.sub
Sample Matrix: WATER

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
8 4,4'-DDE					CAS #: 72-55-9			
6.570	6.570	0.000	15134	5.16069	0.26	80.00-	120.00	100.00(a)

9 4,4'-DDT					CAS #: 50-29-3			
7.440	7.440	0.000	532781	241.588	12	80.00-	120.00	100.00

14 Endrin					CAS #: 72-20-8			
7.113	7.113	0.000	553368	263.075	13	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4			
7.770	7.770	0.000	22911	10.3194	0.52	80.00-	120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5			
8.470	8.470	0.000	34466	14.0060	0.70	80.00-	120.00	100.00

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: WR693476.D

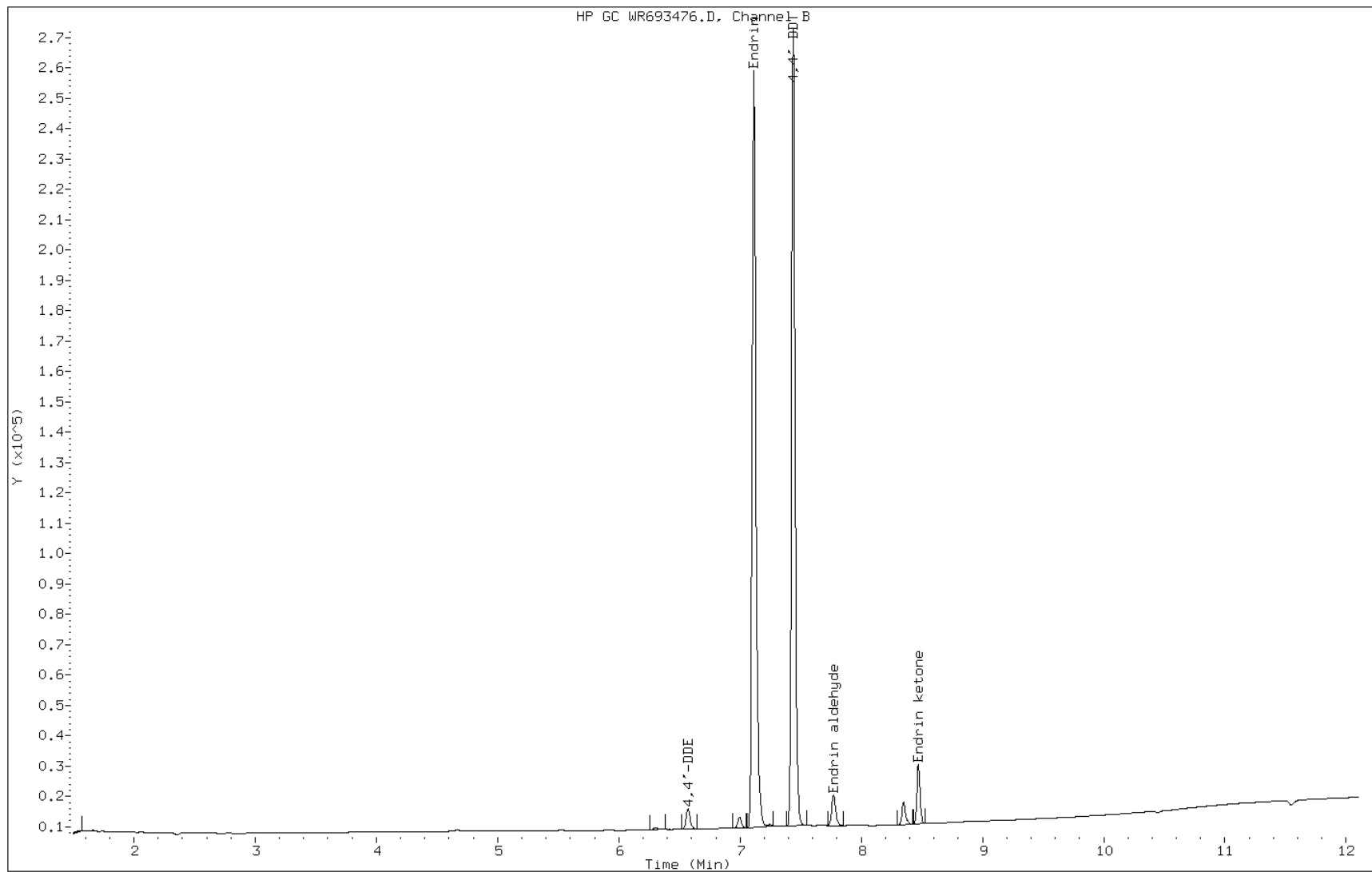
Date: 22-SEP-2011 09:03

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86980/2 Calibration Date: 09/22/2011 09:16
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693477.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4480	4629		103	100	3.3	15.0
gamma-BHC (Lindane)	Ave	4042	4134		102	100	2.3	15.0
beta-BHC	Ave	1968	1974		100	100	0.3	15.0
delta-BHC	Ave	4032	4208		104	100	4.4	15.0
Heptachlor	Ave	1928	2123		110	100	10.1	15.0
Aldrin	Ave	3678	3730		101	100	1.4	15.0
Heptachlor epoxide	Ave	3087	3053		98.9	100	-1.1	15.0
gamma-Chlordane	Ave	3316	3342		101	100	0.8	15.0
alpha-Chlordane	Ave	3155	3164		100	100	0.3	15.0
Endosulfan I	Ave	2975	2993		101	100	0.6	15.0
4,4'-DDE	Ave	3070	3142		102	100	2.3	15.0
Dieldrin	Ave	3162	3244		103	100	2.6	15.0
Endrin	Ave	2189	2207		101	100	0.8	15.0
4,4'-DDD	Ave	2301	2426		105	100	5.4	15.0
Endosulfan II	Ave	2583	2590		100	100	0.3	15.0
4,4'-DDT	Ave	1420	1441		101	100	1.5	15.0
Endrin aldehyde	Ave	2027	1968		97.1	100	-2.9	15.0
Endosulfan sulfate	Ave	2111	2110		99.9	100	-0.0	15.0
Methoxychlor	Ave	664.5	728.7		110	100	9.7	15.0
Endrin ketone	Ave	2221	2214		99.7	100	-0.3	15.0
Tetrachloro-m-xylene	Ave	3509	3365		95.9	100	-4.1	15.0
DCB Decachlorobiphenyl	Ave	2044	1912		93.5	100	-6.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86980/2 Calibration Date: 09/22/2011 09:16
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693477.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.94	3.89	3.99
gamma-BHC (Lindane)	4.73	4.67	4.77
beta-BHC	4.89	4.83	4.93
delta-BHC	5.55	5.49	5.59
Heptachlor	5.73	5.67	5.77
Aldrin	6.35	6.29	6.39
Heptachlor epoxide	6.97	6.90	7.04
gamma-Chlordane	7.17	7.10	7.24
alpha-Chlordane	7.32	7.25	7.39
Endosulfan I	7.39	7.32	7.46
4,4'-DDE	7.47	7.40	7.54
Dieldrin	7.69	7.62	7.76
Endrin	8.03	7.96	8.10
4,4'-DDD	8.10	8.03	8.17
Endosulfan II	8.25	8.18	8.32
4,4'-DDT	8.41	8.34	8.48
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.73	8.66	8.80
Methoxychlor	8.89	8.82	8.96
Endrin ketone	9.11	9.04	9.18
Tetrachloro-m-xylene	2.63	2.57	2.67
DCB Decachlorobiphenyl	10.11	10.01	10.21

Data File: WF693477.D
Report Date: 22-Sep-2011 13:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/WF693477.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 22-SEP-2011 09:16
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/08Wf8081.m
Meth Date : 22-Sep-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT	ON - COL	TARGET RANGE	RATIO		
==	=====	=====	RESPONSE (ug/L)	(ug/L)	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)								
2.627	2.627	0.000	336463	100.000	96 80.00- 120.00	100.00		
2 alpha-BHC								
3.943	3.943	0.000	462853	100.000	100 80.00- 120.00	100.00		
5 gamma-BHC (Lindane)								
4.730	4.730	0.000	413368	100.000	100 80.00- 120.00	100.00		
3 beta-BHC								
4.890	4.890	0.000	197350	100.000	100 80.00- 120.00	100.00		
4 delta-BHC								
5.550	5.550	0.000	420820	100.000	100 80.00- 120.00	100.00		

Data File: WF693477.D
Report Date: 22-Sep-2011 13:00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.727	5.727	0.000	212310	100.000	110	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.347	6.347	0.000	373003	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.970	6.970	0.000	305251	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.167	7.167	0.000	334152	100.000	100	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.320	7.320	0.000	316420	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.393	7.393	0.000	299305	100.000	100	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.467	7.467	0.000	314175	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.687	7.687	0.000	324426	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.030	8.030	0.000	220735	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.100	8.100	0.000	242649	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.247	8.247	0.000	258994	100.000	100	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.407	8.407	0.000	144102	100.000	100	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.530	8.530	0.000	196791	100.000	97	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.727	8.727	0.000	210975	100.000	100	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.887	8.887	0.000	72871	100.000	110	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.110	9.110	0.000	221353	100.000	100	80.00-	120.00	100.00

Data File: WF693477.D
Report Date: 22-Sep-2011 13:00

		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				
10.110	10.110	0.000	191163	100.000	94	80.00-	120.00	100.00	

Data File: WF693477.D

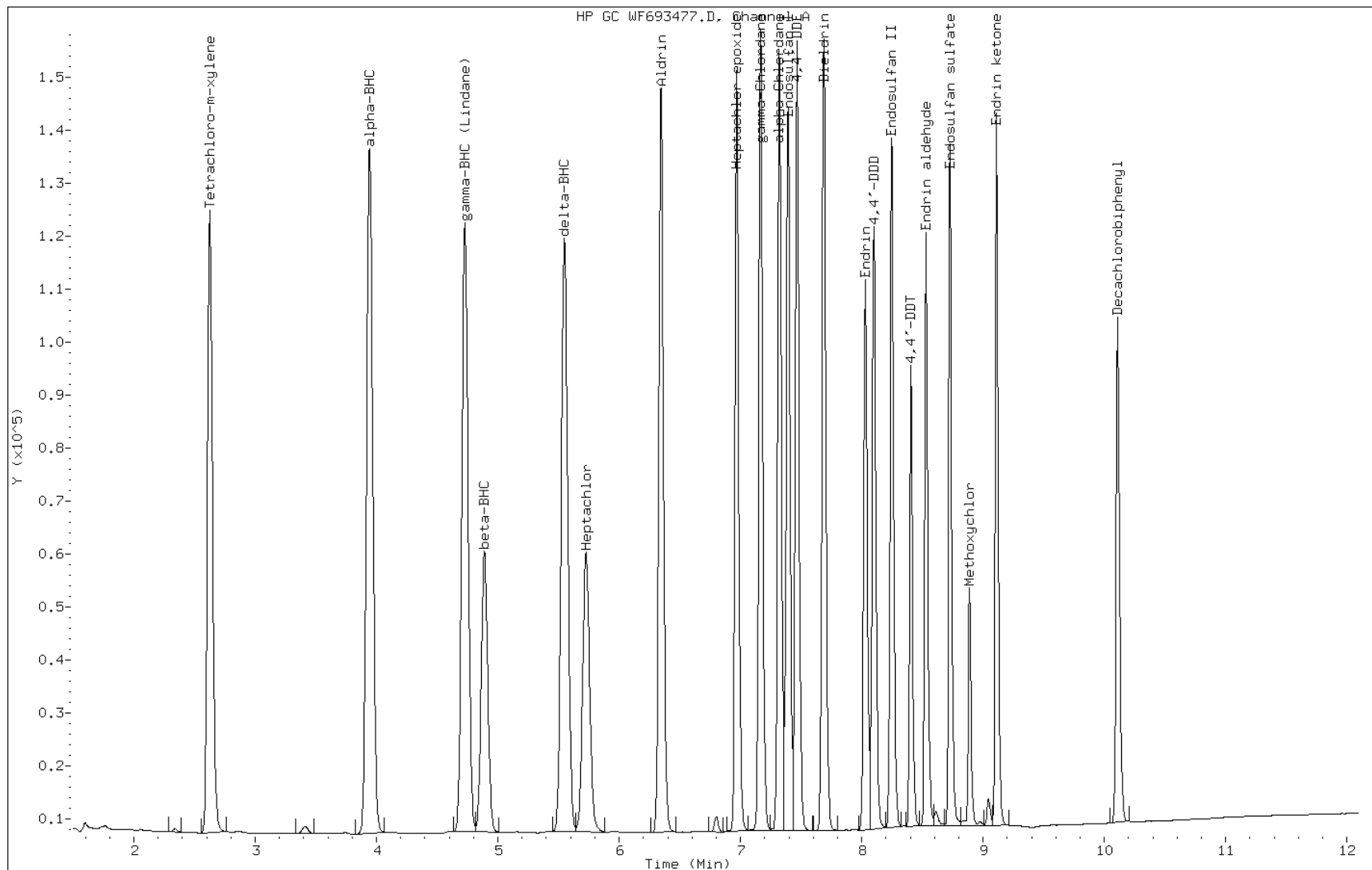
Date: 22-SEP-2011 09:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86980/2 Calibration Date: 09/22/2011 09:16
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693477.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4283	4335		101	100	1.2	15.0
gamma-BHC (Lindane)	Ave	3978	4008		101	100	0.7	15.0
beta-BHC	Ave	1882	1877		99.7	100	-0.3	15.0
delta-BHC	Ave	3931	4042		103	100	2.8	15.0
Heptachlor	Ave	2743	2888		105	100	5.3	15.0
Aldrin	Ave	3706	3813		103	100	2.9	15.0
Heptachlor epoxide	Ave	3221	3360		104	100	4.3	15.0
gamma-Chlordane	Ave	3264	3307		101	100	1.3	15.0
alpha-Chlordane	Ave	2952	3030		103	100	2.6	15.0
4,4'-DDE	Ave	2933	3028		103	100	3.3	15.0
Endosulfan I	Ave	2807	2860		102	100	1.9	15.0
Dieldrin	Ave	2851	3015		106	100	5.8	15.0
Endrin	Ave	2103	2221		106	100	5.6	15.0
4,4'-DDD	Ave	2298	2500		109	100	8.8	15.0
Endosulfan II	Ave	2687	2753		102	100	2.4	15.0
4,4'-DDT	Ave	2205	2276		103	100	3.2	15.0
Endrin aldehyde	Ave	2220	2290		103	100	3.1	15.0
Methoxychlor	Ave	917.2	952.2		104	100	3.8	15.0
Endosulfan sulfate	Ave	2386	2434		102	100	2.0	15.0
Endrin ketone	Ave	2461	2610		106	100	6.0	15.0
Tetrachloro-m-xylene	Ave	3054	2854		93.5	100	-6.5	15.0
DCB Decachlorobiphenyl	Ave	2307	2185		94.7	100	-5.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86980/2 Calibration Date: 09/22/2011 09:16
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693477.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.42	3.36	3.46
beta-BHC	3.59	3.54	3.64
delta-BHC	3.95	3.89	3.99
Heptachlor	4.37	4.31	4.41
Aldrin	4.97	4.91	5.01
Heptachlor epoxide	6.18	6.11	6.25
gamma-Chlordane	6.35	6.28	6.42
alpha-Chlordane	6.50	6.43	6.57
4,4'-DDE	6.57	6.50	6.64
Endosulfan I	6.65	6.58	6.72
Dieldrin	6.88	6.81	6.95
Endrin	7.11	7.04	7.18
4,4'-DDD	7.16	7.09	7.23
Endosulfan II	7.34	7.27	7.41
4,4'-DDT	7.44	7.37	7.51
Endrin aldehyde	7.77	7.70	7.84
Methoxychlor	7.93	7.86	8.00
Endosulfan sulfate	8.23	8.16	8.30
Endrin ketone	8.47	8.40	8.54
Tetrachloro-m-xylene	2.09	2.03	2.13
DCB Decachlorobiphenyl	9.15	9.05	9.25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693477.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 22-SEP-2011 09:16
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	100.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.090	2.083	0.007	285370	100.000	93	80.00- 120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6			
2.773	2.767	0.006	433495	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.417	3.407	0.010	400756	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #: 319-85-7			
3.593	3.587	0.006	187694	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #: 319-86-8			
3.950	3.943	0.007	404238	100.000	100	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.367	4.357	0.010	288809	100.000	100	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.973	4.963	0.010	381284	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.180	6.177	0.003	335959	100.000	100	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.347	6.347	0.000	330695	100.000	100	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.503	6.500	0.003	303004	100.000	100	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.570	6.570	0.000	302823	100.000	100	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.650	6.647	0.003	285970	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.880	6.880	0.000	301498	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.113	7.113	0.000	222123	100.000	100	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.160	7.160	0.000	249955	100.000	110	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.340	7.340	0.000	275313	100.000	100	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.440	7.440	0.000	227617	100.000	100	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.770	7.770	0.000	228968	100.000	100	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.933	7.933	0.000	95222	100.000	100	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.227	8.227	0.000	243359	100.000	100	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.470	8.470	0.000	260953	100.000	110	80.00-	120.00	100.00
CAS #: 53494-70-5								

				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									
9.150	9.150	0.000	218522	100.000	95	80.00-	120.00	100.00	

Data File: WR693477.D

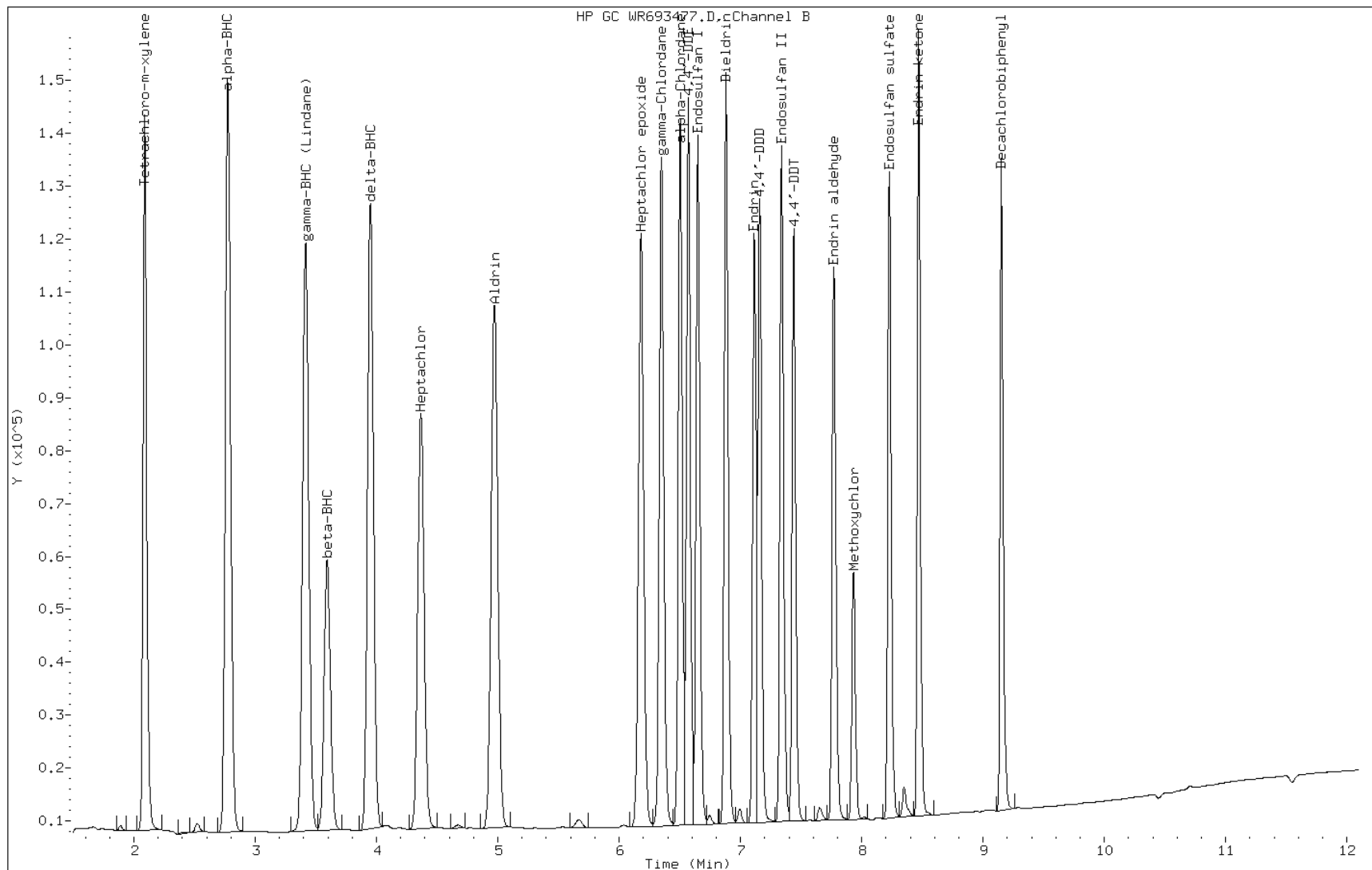
Date: 22-SEP-2011 09:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86980/15 Calibration Date: 09/22/2011 12:32
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693490.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4480	4882		109	100	9.0	15.0
gamma-BHC (Lindane)	Ave	4042	4310		107	100	6.6	15.0
beta-BHC	Ave	1968	2028		103	100	3.0	15.0
delta-BHC	Ave	4032	4403		109	100	9.2	15.0
Heptachlor	Ave	1928	2327		121	100	20.7*	15.0
Aldrin	Ave	3678	3957		108	100	7.6	15.0
Heptachlor epoxide	Ave	3087	3266		106	100	5.8	15.0
gamma-Chlordane	Ave	3316	3543		107	100	6.9	15.0
alpha-Chlordane	Ave	3155	3359		106	100	6.5	15.0
Endosulfan I	Ave	2975	3171		107	100	6.6	15.0
4,4'-DDE	Ave	3070	3326		108	100	8.4	15.0
Dieldrin	Ave	3162	3426		108	100	8.3	15.0
Endrin	Ave	2189	2325		106	100	6.2	15.0
4,4'-DDD	Ave	2301	2592		113	100	12.6	15.0
Endosulfan II	Ave	2583	2732		106	100	5.8	15.0
4,4'-DDT	Ave	1420	1546		109	100	8.9	15.0
Endrin aldehyde	Ave	2027	2067		102	100	2.0	15.0
Endosulfan sulfate	Ave	2111	2122		101	100	0.5	15.0
Methoxychlor	Ave	664.5	716.0		108	100	7.7	15.0
Endrin ketone	Ave	2221	2382		107	100	7.3	15.0
Tetrachloro-m-xylene	Ave	3509	3520		100	100	0.3	15.0
DCB Decachlorobiphenyl	Ave	2044	2044		100	100	-0.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86980/15 Calibration Date: 09/22/2011 12:32
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693490.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.94	3.89	3.99
gamma-BHC (Lindane)	4.72	4.67	4.77
beta-BHC	4.88	4.83	4.93
delta-BHC	5.54	5.49	5.59
Heptachlor	5.72	5.67	5.77
Aldrin	6.34	6.29	6.39
Heptachlor epoxide	6.97	6.90	7.04
gamma-Chlordane	7.17	7.10	7.24
alpha-Chlordane	7.32	7.25	7.39
Endosulfan I	7.39	7.32	7.46
4,4'-DDE	7.47	7.40	7.54
Dieldrin	7.69	7.62	7.76
Endrin	8.03	7.96	8.10
4,4'-DDD	8.10	8.03	8.17
Endosulfan II	8.25	8.18	8.32
4,4'-DDT	8.41	8.34	8.48
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.73	8.66	8.80
Methoxychlor	8.89	8.82	8.96
Endrin ketone	9.11	9.04	9.18
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.11	10.01	10.21

Data File: WF693490.D
Report Date: 22-Sep-2011 13:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/WF693490.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 22-SEP-2011 12:32
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/08Wf8081.m
Meth Date : 22-Sep-2011 13:00 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693436.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)							
2.620	2.620	0.000	352037	100.000	100	80.00- 120.00	100.00
CAS #: 877-09-8							
2 alpha-BHC							
3.937	3.937	0.000	488201	100.000	110	80.00- 120.00	100.00
CAS #: 319-84-6							
5 gamma-BHC (Lindane)							
4.723	4.723	0.000	430955	100.000	110	80.00- 120.00	100.00
CAS #: 58-89-9							
3 beta-BHC							
4.883	4.883	0.000	202778	100.000	100	80.00- 120.00	100.00
CAS #: 319-85-7							
4 delta-BHC							
5.543	5.543	0.000	440319	100.000	110	80.00- 120.00	100.00
CAS #: 319-86-8							

Data File: WF693490.D
Report Date: 22-Sep-2011 13:00

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			CAL-AMT	RESPONSE (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
5.723	5.723	0.000	232663	100.000	120	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
6.343	6.343	0.000	395673	100.000	110	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
6.967	6.967	0.000	326601	100.000	100	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
7.167	7.167	0.000	354338	100.000	110	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
7.320	7.320	0.000	335920	100.000	110	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
7.393	7.393	0.000	317093	100.000	110	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
7.467	7.467	0.000	332620	100.000	110	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
7.687	7.687	0.000	342584	100.000	110	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
8.027	8.027	0.000	232461	100.000	110	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
8.100	8.100	0.000	259169	100.000	110	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
8.247	8.247	0.000	273226	100.000	100	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
8.407	8.407	0.000	154591	100.000	110	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
8.530	8.530	0.000	206687	100.000	100	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
8.727	8.727	0.000	212201	100.000	100	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
8.887	8.887	0.000	71596	100.000	110	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
9.110	9.110	0.000	238246	100.000	110	80.00- 120.00	100.00

Data File: WF693490.D
 Report Date: 22-Sep-2011 13:00

				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				
10.110	10.110	0.000	204394	100.000	100	80.00-	120.00	100.00	

Data File: WF693490.D

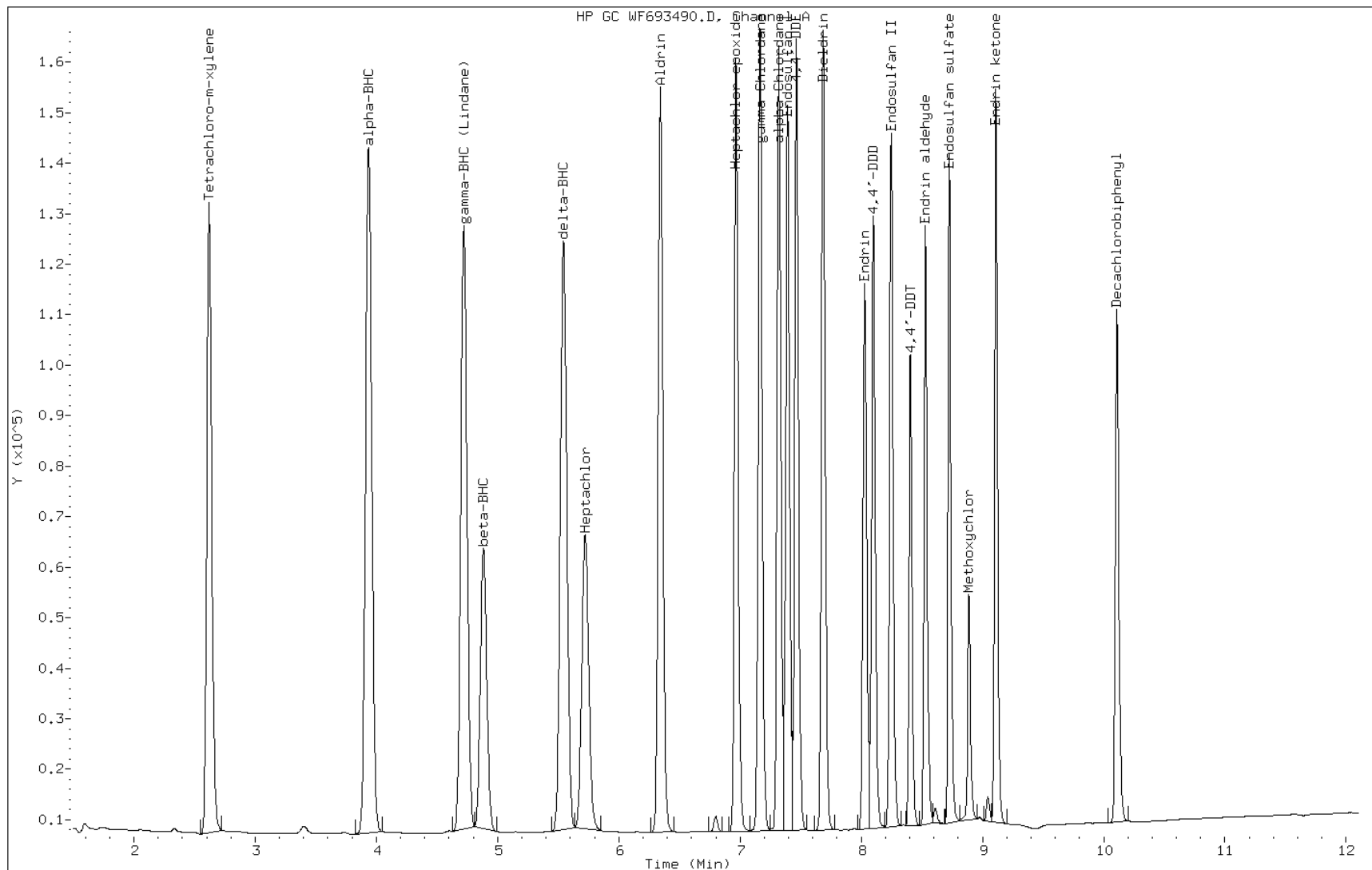
Date: 22-SEP-2011 12:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86980/15 Calibration Date: 09/22/2011 12:32
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693490.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4283	4572		107	100	6.7	15.0
gamma-BHC (Lindane)	Ave	3978	4196		105	100	5.5	15.0
beta-BHC	Ave	1882	1982		105	100	5.3	15.0
delta-BHC	Ave	3931	4299		109	100	9.4	15.0
Heptachlor	Ave	2743	3099		113	100	13.0	15.0
Aldrin	Ave	3706	4059		110	100	9.5	15.0
Heptachlor epoxide	Ave	3221	3567		111	100	10.7	15.0
gamma-Chlordane	Ave	3264	3532		108	100	8.2	15.0
alpha-Chlordane	Ave	2952	3205		109	100	8.6	15.0
4,4'-DDE	Ave	2933	3282		112	100	11.9	15.0
Endosulfan I	Ave	2807	3068		109	100	9.3	15.0
Dieldrin	Ave	2851	3213		113	100	12.7	15.0
Endrin	Ave	2103	2329		111	100	10.7	15.0
4,4'-DDD	Ave	2298	2705		118	100	17.7*	15.0
Endosulfan II	Ave	2687	2942		109	100	9.5	15.0
4,4'-DDT	Ave	2205	2426		110	100	10.0	15.0
Endrin aldehyde	Ave	2220	2429		109	100	9.4	15.0
Methoxychlor	Ave	917.2	1011		110	100	10.2	15.0
Endosulfan sulfate	Ave	2386	2571		108	100	7.7	15.0
Endrin ketone	Ave	2461	2734		111	100	11.1	15.0
Tetrachloro-m-xylene	Ave	3054	2997		98.1	100	-1.9	15.0
DCB Decachlorobiphenyl	Ave	2307	2330		101	100	1.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86980/15 Calibration Date: 09/22/2011 12:32
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693490.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.41	3.36	3.46
beta-BHC	3.59	3.54	3.64
delta-BHC	3.94	3.89	3.99
Heptachlor	4.36	4.31	4.41
Aldrin	4.96	4.91	5.01
Heptachlor epoxide	6.18	6.11	6.25
gamma-Chlordane	6.35	6.28	6.42
alpha-Chlordane	6.50	6.43	6.57
4,4'-DDE	6.57	6.50	6.64
Endosulfan I	6.65	6.58	6.72
Dieldrin	6.88	6.81	6.95
Endrin	7.11	7.04	7.18
4,4'-DDD	7.16	7.09	7.23
Endosulfan II	7.34	7.27	7.41
4,4'-DDT	7.44	7.37	7.51
Endrin aldehyde	7.77	7.70	7.84
Methoxychlor	7.93	7.86	8.00
Endosulfan sulfate	8.23	8.16	8.30
Endrin ketone	8.47	8.40	8.54
Tetrachloro-m-xylene	2.08	2.03	2.13
DCB Decachlorobiphenyl	9.15	9.05	9.25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693490.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 22-SEP-2011 12:32
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie
Cal Date : 21-SEP-2011 08:13
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693436.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration 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		
2.083	2.083	0.000	299684	100.000	98	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.767	2.767	0.000	457162	100.000	110	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.407	3.407	0.000	419648	100.000	100	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.587	3.587	0.000	198160	100.000	100	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
3.943	3.943	0.000	429890	100.000	110	80.00-	120.00	100.00

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor						CAS #:	76-44-8	
4.357	4.357	0.000	309890	100.000	110	80.00- 120.00	100.00	

1 Aldrin						CAS #:	309-00-2	
4.963	4.963	0.000	405901	100.000	110	80.00- 120.00	100.00	

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.177	6.177	0.000	356738	100.000	110	80.00- 120.00	100.00	

65 gamma-Chlordane						CAS #:	5103-74-2	
6.347	6.347	0.000	353215	100.000	110	80.00- 120.00	100.00	

66 alpha-Chlordane						CAS #:	5103-71-9	
6.500	6.500	0.000	320462	100.000	110	80.00- 120.00	100.00	

8 4,4'-DDE						CAS #:	72-55-9	
6.570	6.570	0.000	328156	100.000	110	80.00- 120.00	100.00	

11 Endosulfan I						CAS #:	959-98-8	
6.647	6.647	0.000	306798	100.000	110	80.00- 120.00	100.00	

10 Dieldrin						CAS #:	60-57-1	
6.880	6.880	0.000	321317	100.000	110	80.00- 120.00	100.00	

14 Endrin						CAS #:	72-20-8	
7.113	7.113	0.000	232905	100.000	110	80.00- 120.00	100.00	

7 4,4'-DDD						CAS #:	72-54-8	
7.160	7.160	0.000	270510	100.000	120	80.00- 120.00	100.00	

12 Endosulfan II						CAS #:	33213-65-9	
7.340	7.340	0.000	294231	100.000	110	80.00- 120.00	100.00	

9 4,4'-DDT						CAS #:	50-29-3	
7.440	7.440	0.000	242621	100.000	110	80.00- 120.00	100.00	

15 Endrin aldehyde						CAS #:	7421-93-4	
7.770	7.770	0.000	242915	100.000	110	80.00- 120.00	100.00	

19 Methoxychlor						CAS #:	72-43-5	
7.933	7.933	0.000	101076	100.000	110	80.00- 120.00	100.00	

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.227	8.227	0.000	257053	100.000	110	80.00- 120.00	100.00	

16 Endrin ketone						CAS #:	53494-70-5	
8.470	8.470	0.000	273368	100.000	110	80.00- 120.00	100.00	

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.150	9.150	0.000	233031	100.000	100	80.00- 120.00	100.00		

Data File: WR693490.D

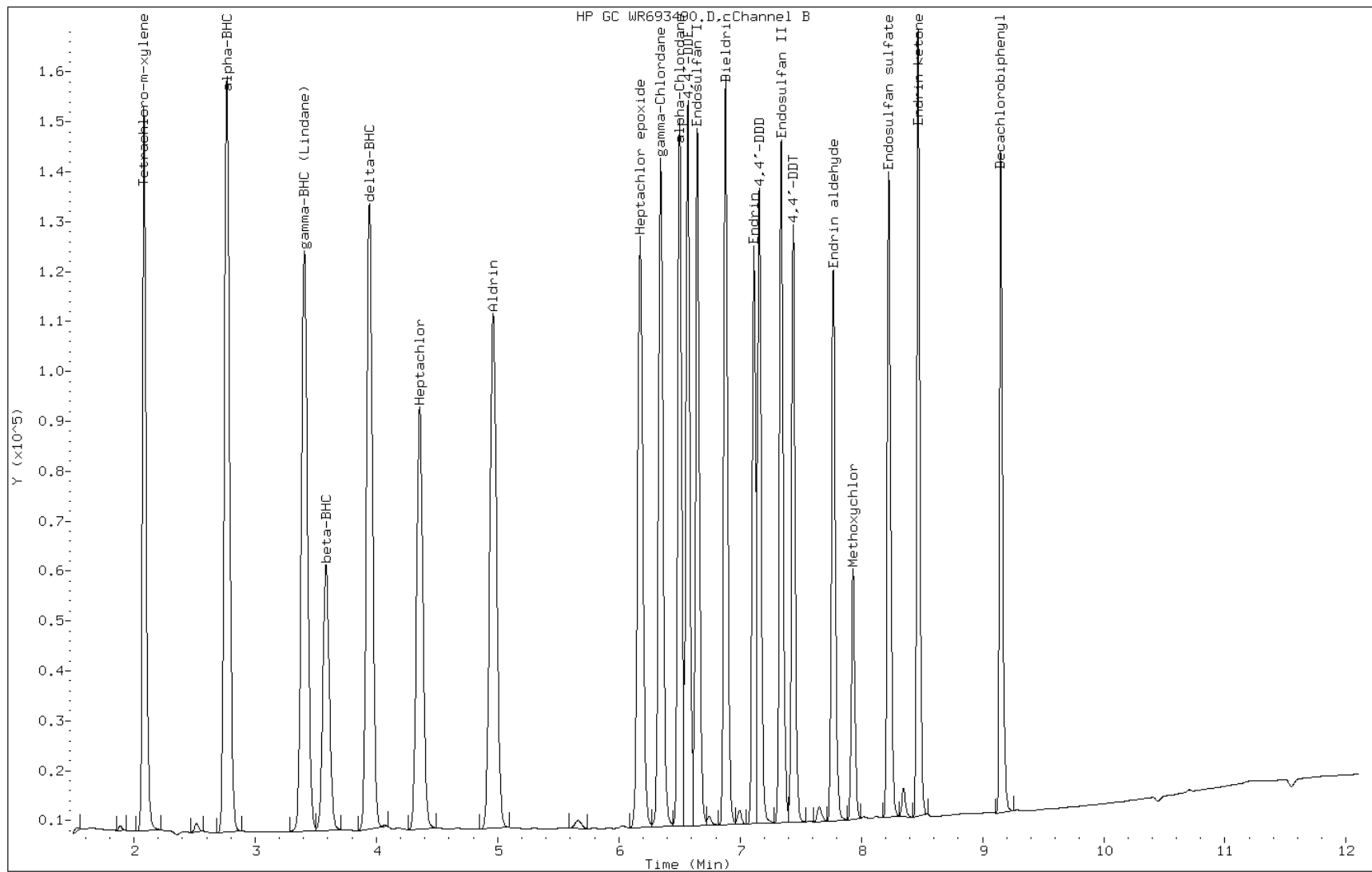
Date: 22-SEP-2011 12:32

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87016/2 Calibration Date: 09/22/2011 12:59
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693492.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4480	4392		98.0	100	-2.0	15.0
gamma-BHC (Lindane)	Ave	4042	3917		96.9	100	-3.1	15.0
beta-BHC	Ave	1968	1880		95.5	100	-4.5	15.0
delta-BHC	Ave	4032	3970		98.5	100	-1.5	15.0
Heptachlor	Ave	1928	2121		110	100	10.0	15.0
Aldrin	Ave	3678	3546		96.4	100	-3.6	15.0
Heptachlor epoxide	Ave	3087	2930		94.9	100	-5.1	15.0
gamma-Chlordane	Ave	3316	3187		96.1	100	-3.9	15.0
alpha-Chlordane	Ave	3155	3007		95.3	100	-4.7	15.0
Endosulfan I	Ave	2975	2849		95.8	100	-4.2	15.0
4,4'-DDE	Ave	3070	2992		97.5	100	-2.5	15.0
Dieldrin	Ave	3162	3069		97.1	100	-2.9	15.0
Endrin	Ave	2189	2082		95.1	100	-4.9	15.0
4,4'-DDD	Ave	2301	2314		101	100	0.6	15.0
Endosulfan II	Ave	2583	2449		94.8	100	-5.2	15.0
4,4'-DDT	Ave	1420	1383		97.4	100	-2.6	15.0
Endrin aldehyde	Ave	2027	1849		91.2	100	-8.8	15.0
Endosulfan sulfate	Ave	2111	1948		92.3	100	-7.7	15.0
Methoxychlor	Ave	664.5	646.3		97.3	100	-2.7	15.0
Endrin ketone	Ave	2221	2091		94.2	100	-5.8	15.0
Tetrachloro-m-xylene	Ave	3509	3162		90.1	100	-9.9	15.0
DCB Decachlorobiphenyl	Ave	2044	1839		90.0	100	-10.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87016/2 Calibration Date: 09/22/2011 12:59
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693492.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.96	3.91	4.01
gamma-BHC (Lindane)	4.75	4.70	4.80
beta-BHC	4.91	4.86	4.96
delta-BHC	5.57	5.52	5.62
Heptachlor	5.75	5.70	5.80
Aldrin	6.36	6.31	6.41
Heptachlor epoxide	6.98	6.91	7.05
gamma-Chlordane	7.17	7.10	7.24
alpha-Chlordane	7.33	7.26	7.40
Endosulfan I	7.40	7.33	7.47
4,4'-DDE	7.47	7.40	7.54
Dieldrin	7.69	7.62	7.76
Endrin	8.04	7.97	8.11
4,4'-DDD	8.11	8.04	8.18
Endosulfan II	8.25	8.18	8.32
4,4'-DDT	8.41	8.34	8.48
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.73	8.66	8.80
Methoxychlor	8.89	8.82	8.96
Endrin ketone	9.11	9.04	9.18
Tetrachloro-m-xylene	2.64	2.59	2.69
DCB Decachlorobiphenyl	10.11	10.01	10.21

Data File: WF693492.D
Report Date: 22-Sep-2011 16:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693492.D
Lab Smp Id: CCVRTSGPESTL3_00009
Inj Date : 22-SEP-2011 12:59
Operator :
Smp Info : CCVRTSGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE		RATIO	
==	=====	=====	RESPONSE	(ug/L)	(ug/L)	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)									
					CAS #:				
2.637	2.637	0.000	316173	100.000	90	80.00-	120.00	100.00	

2 alpha-BHC									
					CAS #:				
3.960	3.960	0.000	439199	100.000	98	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)									
					CAS #:				
4.747	4.747	0.000	391749	100.000	97	80.00-	120.00	100.00	

3 beta-BHC									
					CAS #:				
4.907	4.907	0.000	188035	100.000	96	80.00-	120.00	100.00	

4 delta-BHC									
					CAS #:				
5.570	5.570	0.000	396976	100.000	98	80.00-	120.00	100.00	

Data File: WF693492.D
Report Date: 22-Sep-2011 16:33

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			CAL-AMT	RESPONSE (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
5.747	5.747	0.000	212077	100.000	110	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
6.357	6.357	0.000	354609	100.000	96	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
6.977	6.977	0.000	292953	100.000	95	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
7.173	7.173	0.000	318680	100.000	96	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
7.327	7.327	0.000	300661	100.000	95	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
7.400	7.400	0.000	284917	100.000	96	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
7.473	7.473	0.000	299220	100.000	97	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
7.693	7.693	0.000	306935	100.000	97	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
8.037	8.037	0.000	208235	100.000	95	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
8.107	8.107	0.000	231392	100.000	100	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
8.253	8.253	0.000	244877	100.000	95	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
8.410	8.410	0.000	138322	100.000	97	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
8.533	8.533	0.000	184855	100.000	91	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
8.730	8.730	0.000	194763	100.000	92	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
8.890	8.890	0.000	64632	100.000	97	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
9.113	9.113	0.000	209137	100.000	94	80.00- 120.00	100.00

Data File: WF693492.D
 Report Date: 22-Sep-2011 16:33

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.110	10.110	0.000	183896	100.000	90	80.00-	120.00	100.00	

Data File: WF693492.D

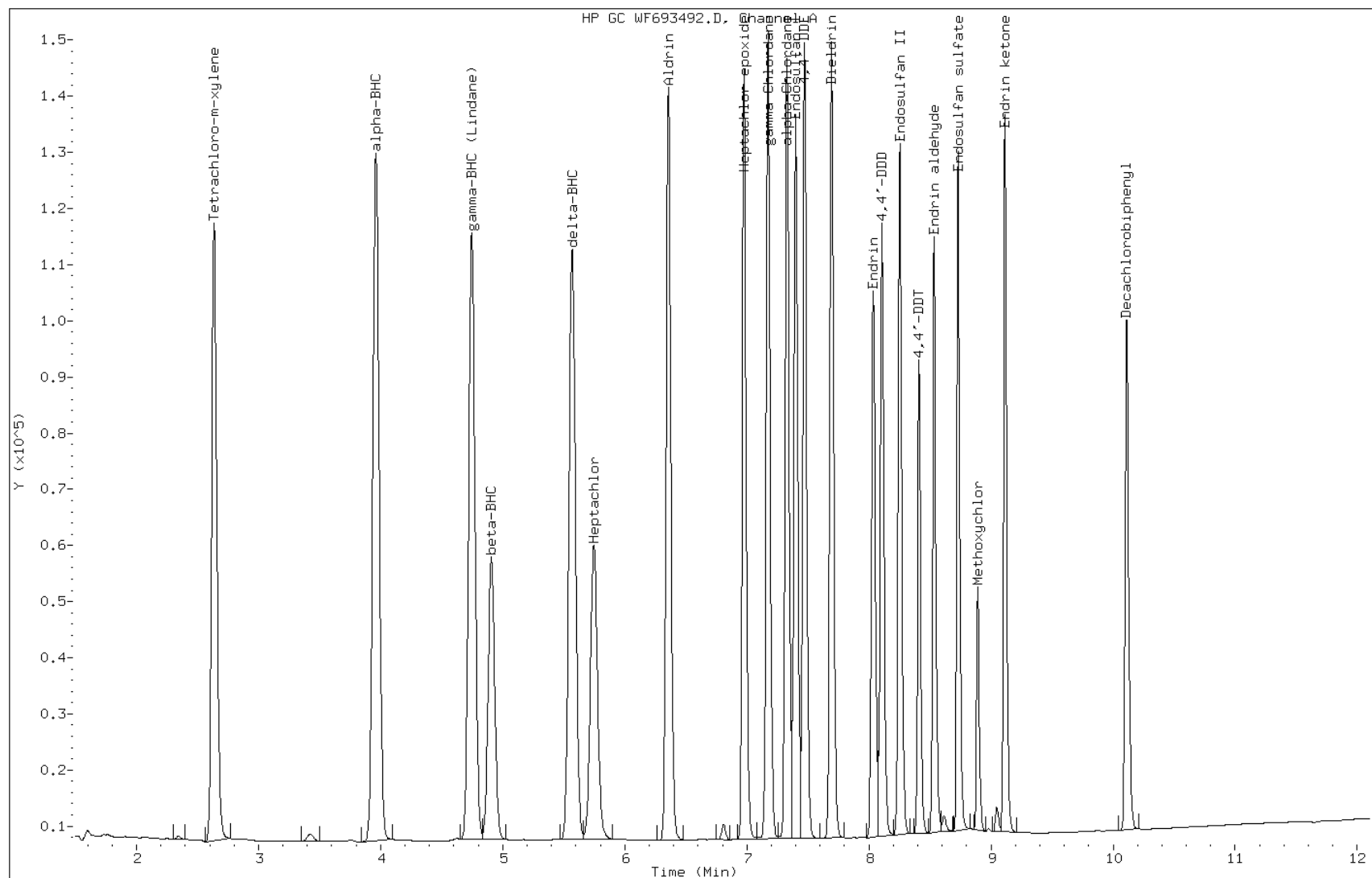
Date: 22-SEP-2011 12:59

Client ID:

Instrument: PESTGC4.i

Sample Info: CCVRTSGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87016/2 Calibration Date: 09/22/2011 12:59
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693492.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4283	4063		94.9	100	-5.1	15.0
gamma-BHC (Lindane)	Ave	3978	3748		94.2	100	-5.8	15.0
beta-BHC	Ave	1882	1775		94.3	100	-5.7	15.0
delta-BHC	Ave	3931	3794		96.5	100	-3.5	15.0
Heptachlor	Ave	2743	2768		101	100	0.9	15.0
Aldrin	Ave	3706	3609		97.4	100	-2.6	15.0
Heptachlor epoxide	Ave	3221	3187		98.9	100	-1.1	15.0
gamma-Chlordane	Ave	3264	3148		96.4	100	-3.6	15.0
alpha-Chlordane	Ave	2952	2879		97.5	100	-2.5	15.0
4,4'-DDE	Ave	2933	2906		99.1	100	-0.9	15.0
Endosulfan I	Ave	2807	2742		97.7	100	-2.3	15.0
Dieldrin	Ave	2851	2860		100	100	0.3	15.0
Endrin	Ave	2103	2153		102	100	2.3	15.0
4,4'-DDD	Ave	2298	2326		101	100	1.2	15.0
Endosulfan II	Ave	2687	2631		97.9	100	-2.1	15.0
4,4'-DDT	Ave	2205	2171		98.4	100	-1.6	15.0
Endrin aldehyde	Ave	2220	2167		97.6	100	-2.4	15.0
Methoxychlor	Ave	917.2	929.5		101	100	1.3	15.0
Endosulfan sulfate	Ave	2386	2308		96.7	100	-3.3	15.0
Endrin ketone	Ave	2461	2439		99.1	100	-0.9	15.0
Tetrachloro-m-xylene	Ave	3054	2669		87.4	100	-12.6	15.0
DCB Decachlorobiphenyl	Ave	2307	2102		91.1	100	-8.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87016/2 Calibration Date: 09/22/2011 12:59
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693492.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.40	3.35	3.45
beta-BHC	3.58	3.53	3.63
delta-BHC	3.94	3.89	3.99
Heptachlor	4.36	4.31	4.41
Aldrin	4.97	4.92	5.02
Heptachlor epoxide	6.18	6.11	6.25
gamma-Chlordane	6.35	6.28	6.42
alpha-Chlordane	6.50	6.43	6.57
4,4'-DDE	6.57	6.50	6.64
Endosulfan I	6.65	6.58	6.72
Dieldrin	6.88	6.81	6.95
Endrin	7.12	7.05	7.19
4,4'-DDD	7.16	7.09	7.23
Endosulfan II	7.34	7.27	7.41
4,4'-DDT	7.44	7.37	7.51
Endrin aldehyde	7.77	7.70	7.84
Methoxychlor	7.93	7.86	8.00
Endosulfan sulfate	8.23	8.16	8.30
Endrin ketone	8.47	8.40	8.54
Tetrachloro-m-xylene	2.08	2.03	2.13
DCB Decachlorobiphenyl	9.15	9.05	9.25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693492.D
Lab Smp Id: CCVRTSGPESTL3_00009
Inj Date : 22-SEP-2011 12:59
Operator :
Smp Info : CCVRTSGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.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		
2.083	2.083	0.000	266871	100.000	87	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.767	2.767	0.000	406332	100.000	95	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.403	3.403	0.000	374769	100.000	94	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.580	3.580	0.000	177509	100.000	94	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.943	3.943	0.000	379380	100.000	96	80.00- 120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.360	4.360	0.000	276835	100.000	100	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.967	4.967	0.000	360852	100.000	97	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.180	6.180	0.000	318709	100.000	99	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.347	6.347	0.000	314759	100.000	96	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.503	6.503	0.000	287871	100.000	98	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.573	6.573	0.000	290550	100.000	99	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.650	6.650	0.000	274246	100.000	98	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.883	6.883	0.000	286046	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.117	7.117	0.000	215269	100.000	100	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.160	7.160	0.000	232587	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.340	7.340	0.000	263143	100.000	98	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.440	7.440	0.000	217062	100.000	98	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.770	7.770	0.000	216650	100.000	98	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.933	7.933	0.000	92952	100.000	100	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.230	8.230	0.000	230770	100.000	97	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.470	8.470	0.000	243868	100.000	99	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.150	9.150	0.000	210228	100.000	91	80.00- 120.00	100.00		

Data File: WR693492.D

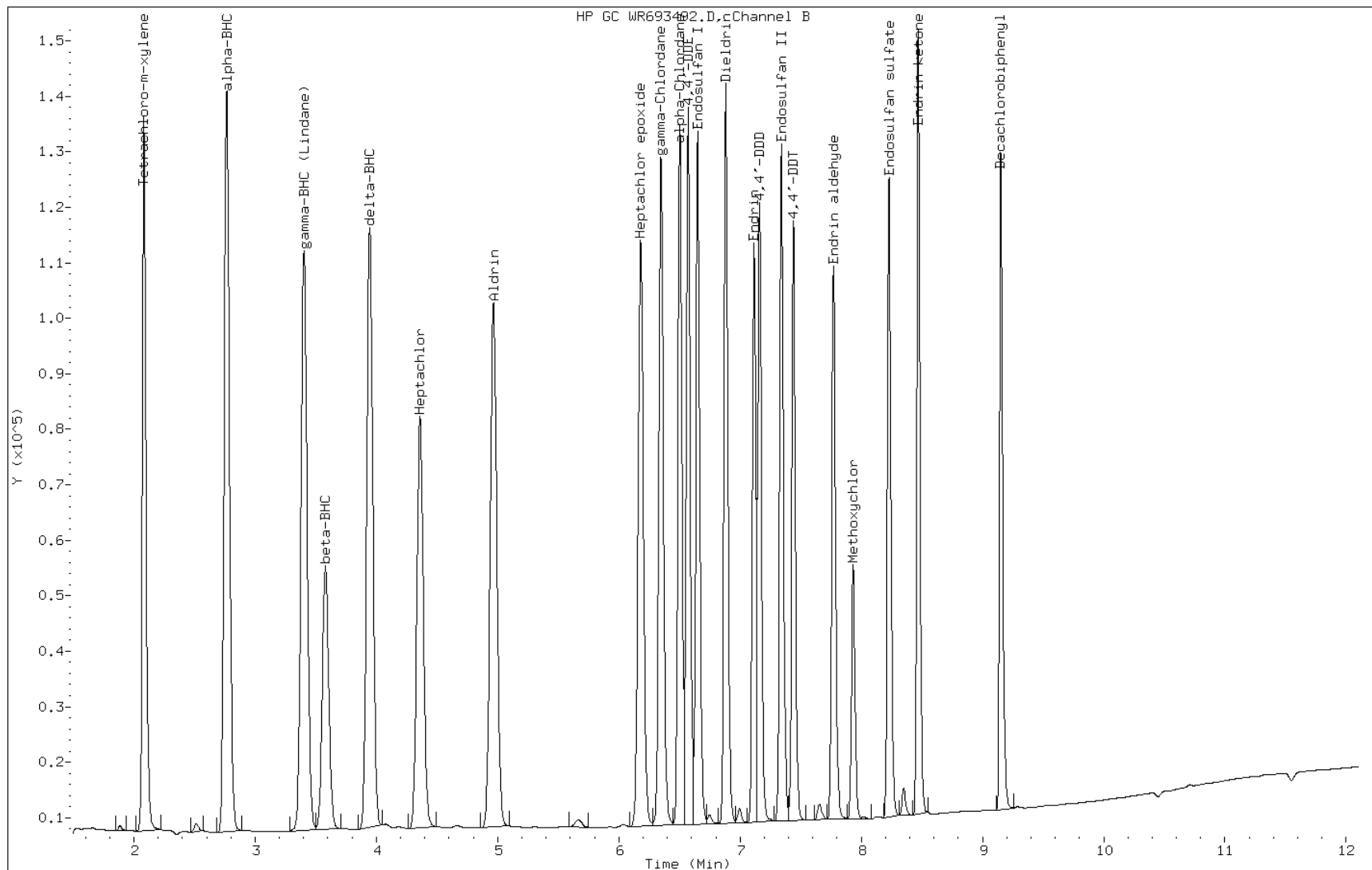
Date: 22-SEP-2011 12:59

Client ID:

Instrument: PESTGC4.i

Sample Info: CCVRTSGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87016/17 Calibration Date: 09/22/2011 16:30
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693507.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4480	4726		105	100	5.5	15.0
gamma-BHC (Lindane)	Ave	4042	4194		104	100	3.7	15.0
beta-BHC	Ave	1968	2007		102	100	2.0	15.0
delta-BHC	Ave	4032	4236		105	100	5.1	15.0
Heptachlor	Ave	1928	2361		123	100	22.5*	15.0
Aldrin	Ave	3678	3813		104	100	3.7	15.0
Heptachlor epoxide	Ave	3087	3130		101	100	1.4	15.0
gamma-Chlordane	Ave	3316	3373		102	100	1.7	15.0
alpha-Chlordane	Ave	3155	3211		102	100	1.8	15.0
Endosulfan I	Ave	2975	3020		102	100	1.5	15.0
4,4'-DDE	Ave	3070	3178		104	100	3.5	15.0
Dieldrin	Ave	3162	3269		103	100	3.4	15.0
Endrin	Ave	2189	2188		100	100	-0.0	15.0
4,4'-DDD	Ave	2301	2484		108	100	7.9	15.0
Endosulfan II	Ave	2583	2604		101	100	0.8	15.0
4,4'-DDT	Ave	1420	1485		105	100	4.6	15.0
Endrin aldehyde	Ave	2027	1991		98.2	100	-1.8	15.0
Endosulfan sulfate	Ave	2111	2117		100	100	0.3	15.0
Methoxychlor	Ave	664.5	745.4		112	100	12.2	15.0
Endrin ketone	Ave	2221	2241		101	100	0.9	15.0
Tetrachloro-m-xylene	Ave	3509	3438		98.0	100	-2.0	15.0
DCB Decachlorobiphenyl	Ave	2044	1924		94.1	100	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87016/17 Calibration Date: 09/22/2011 16:30
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WF693507.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.94	3.91	4.01
gamma-BHC (Lindane)	4.73	4.70	4.80
beta-BHC	4.89	4.86	4.96
delta-BHC	5.55	5.52	5.62
Heptachlor	5.72	5.70	5.80
Aldrin	6.34	6.31	6.41
Heptachlor epoxide	6.97	6.91	7.05
gamma-Chlordane	7.16	7.10	7.24
alpha-Chlordane	7.32	7.26	7.40
Endosulfan I	7.39	7.33	7.47
4,4'-DDE	7.47	7.40	7.54
Dieldrin	7.69	7.62	7.76
Endrin	8.03	7.97	8.11
4,4'-DDD	8.10	8.04	8.18
Endosulfan II	8.25	8.18	8.32
4,4'-DDT	8.40	8.34	8.48
Endrin aldehyde	8.53	8.46	8.60
Endosulfan sulfate	8.73	8.66	8.80
Methoxychlor	8.89	8.82	8.96
Endrin ketone	9.11	9.04	9.18
Tetrachloro-m-xylene	2.62	2.59	2.69
DCB Decachlorobiphenyl	10.11	10.01	10.21

Data File: WF693507.D
Report Date: 22-Sep-2011 16:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693507.D
Lab Smp Id: CCV SGPESTL3_00009
Inj Date : 22-SEP-2011 16:30
Operator : Inst ID: PESTGC4.i
Smp Info : CCV SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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									
RT	EXP RT	DLT RT	RESPONSE	ON-COL	FINAL	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8				
2.623	2.637	-0.014	343781	97.9806	65	80.00-	120.00	100.00	(R)

2 alpha-BHC					CAS #: 319-84-6				
3.940	3.960	-0.020	472570	105.482	70	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
4.727	4.747	-0.020	419391	103.748	69	80.00-	120.00	100.00	

3 beta-BHC					CAS #: 319-85-7				
4.887	4.907	-0.020	200714	101.984	68	80.00-	120.00	100.00	

4 delta-BHC					CAS #: 319-86-8				
5.547	5.570	-0.023	423579	105.059	70	80.00-	120.00	100.00	

Data File: WF693507.D
Report Date: 22-Sep-2011 16:42

			CONCENTRATIONS					
				ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #:	76-44-8		
5.723	5.747	-0.024	236120	122.501	82	80.00-	120.00	100.00

1	Aldrin				CAS #:	309-00-2		
6.343	6.357	-0.014	381273	103.662	69	80.00-	120.00	100.00

18	Heptachlor epoxide				CAS #:	1024-57-3		
6.967	6.977	-0.010	312989	101.394	68	80.00-	120.00	100.00

65	gamma-Chlordane				CAS #:	5103-74-2		
7.163	7.173	-0.010	337335	101.738	68	80.00-	120.00	100.00

66	alpha-Chlordane				CAS #:	5103-71-9		
7.320	7.327	-0.007	321106	101.765	68	80.00-	120.00	100.00

11	Endosulfan I				CAS #:	959-98-8		
7.393	7.400	-0.007	301973	101.505	68	80.00-	120.00	100.00

8	4,4'-DDE				CAS #:	72-55-9		
7.467	7.473	-0.006	317807	103.528	69	80.00-	120.00	100.00

10	Dieldrin				CAS #:	60-57-1		
7.687	7.693	-0.006	326949	103.401	69	80.00-	120.00	100.00

14	Endrin				CAS #:	72-20-8		
8.030	8.037	-0.007	218815	99.9519	67	80.00-	120.00	100.00

7	4,4'-DDD				CAS #:	72-54-8		
8.100	8.107	-0.007	248392	107.938	72	80.00-	120.00	100.00

12	Endosulfan II				CAS #:	33213-65-9		
8.247	8.253	-0.006	260376	100.808	67	80.00-	120.00	100.00

9	4,4'-DDT				CAS #:	50-29-3		
8.403	8.410	-0.007	148526	104.598	70	80.00-	120.00	100.00

15	Endrin aldehyde				CAS #:	7421-93-4		
8.530	8.533	-0.003	199059	98.1899	65	80.00-	120.00	100.00

13	Endosulfan sulfate				CAS #:	1031-07-8		
8.727	8.730	-0.003	211658	100.272	67	80.00-	120.00	100.00

19	Methoxychlor				CAS #:	72-43-5		
8.887	8.890	-0.003	74538	112.173	75	80.00-	120.00	100.00

16	Endrin ketone				CAS #:	53494-70-5		
9.110	9.113	-0.003	224063	100.900	67	80.00-	120.00	100.00

Data File: WF693507.D
Report Date: 22-Sep-2011 16:42

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.110	10.110	0.000	192384	94.1063	63	80.00-	120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693507.D

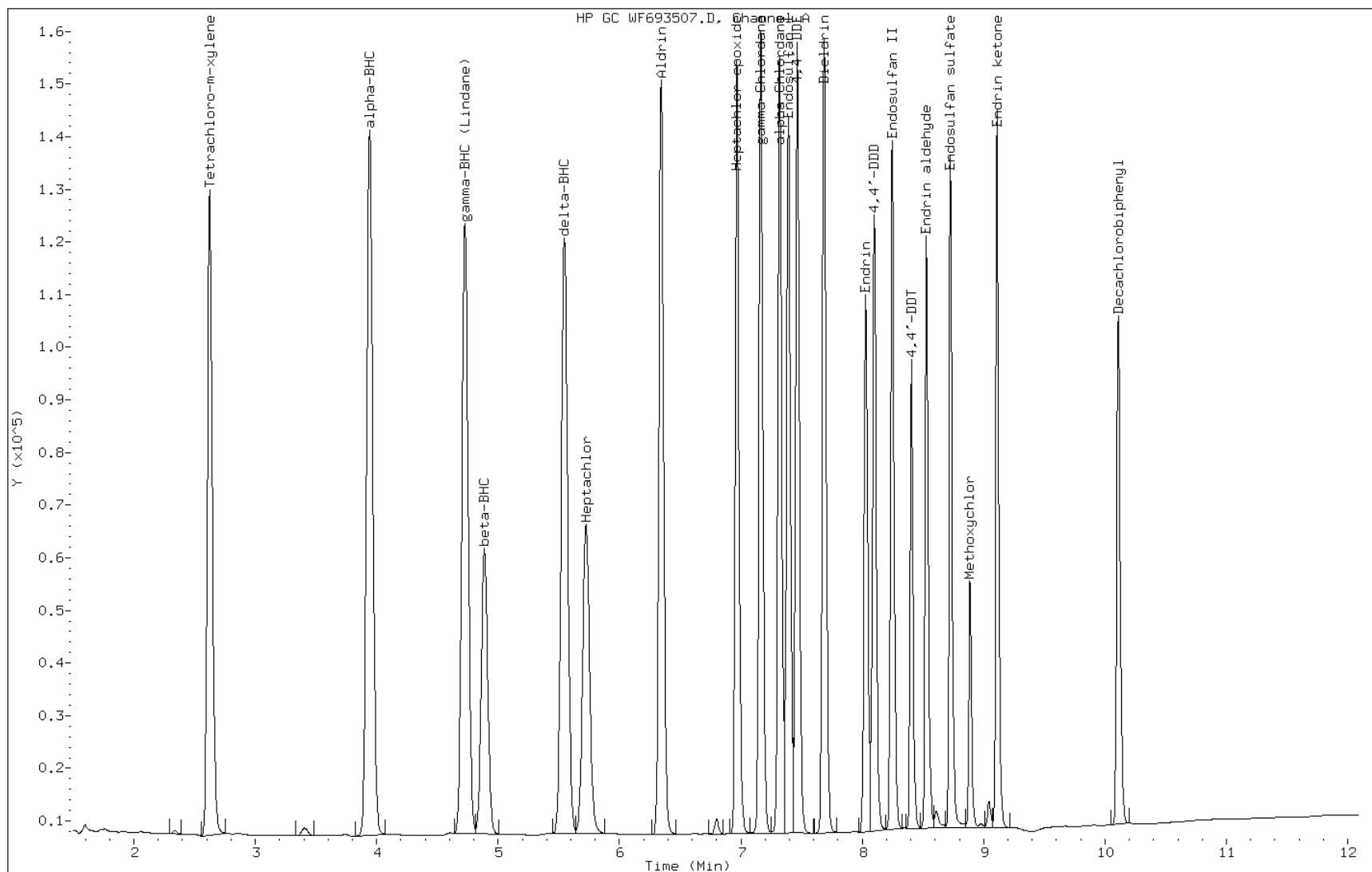
Date: 22-SEP-2011 16:30

Client ID:

Instrument: PESTGC4.i

Sample Info: CCV SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87016/17 Calibration Date: 09/22/2011 16:30
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693507.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4283	4430		103	100	3.4	15.0
gamma-BHC (Lindane)	Ave	3978	4072		102	100	2.3	15.0
beta-BHC	Ave	1882	1923		102	100	2.2	15.0
delta-BHC	Ave	3931	4117		105	100	4.7	15.0
Heptachlor	Ave	2743	3005		110	100	9.5	15.0
Aldrin	Ave	3706	3906		105	100	5.4	15.0
Heptachlor epoxide	Ave	3221	3448		107	100	7.0	15.0
gamma-Chlordane	Ave	3264	3399		104	100	4.1	15.0
alpha-Chlordane	Ave	2952	3088		105	100	4.6	15.0
4,4'-DDE	Ave	2933	3146		107	100	7.3	15.0
Endosulfan I	Ave	2807	2949		105	100	5.0	15.0
Dieldrin	Ave	2851	3075		108	100	7.9	15.0
Endrin	Ave	2103	2144		102	100	1.9	15.0
4,4'-DDD	Ave	2298	2631		114	100	14.5	15.0
Endosulfan II	Ave	2687	2803		104	100	4.3	15.0
4,4'-DDT	Ave	2205	2309		105	100	4.7	15.0
Endrin aldehyde	Ave	2220	2318		104	100	4.4	15.0
Methoxychlor	Ave	917.2	957.7		104	100	4.4	15.0
Endosulfan sulfate	Ave	2386	2443		102	100	2.4	15.0
Endrin ketone	Ave	2461	2624		107	100	6.6	15.0
Tetrachloro-m-xylene	Ave	3054	2902		95.0	100	-5.0	15.0
DCB Decachlorobiphenyl	Ave	2307	2209		95.8	100	-4.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87016/17 Calibration Date: 09/22/2011 16:30
 Instrument ID: PESTGC4 Calib Start Date: 09/21/2011 06:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/21/2011 07:46
 Lab File ID: WR693507.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.77	2.72	2.82
gamma-BHC (Lindane)	3.41	3.35	3.45
beta-BHC	3.59	3.53	3.63
delta-BHC	3.95	3.89	3.99
Heptachlor	4.36	4.31	4.41
Aldrin	4.97	4.92	5.02
Heptachlor epoxide	6.18	6.11	6.25
gamma-Chlordane	6.35	6.28	6.42
alpha-Chlordane	6.50	6.43	6.57
4,4'-DDE	6.57	6.50	6.64
Endosulfan I	6.65	6.58	6.72
Dieldrin	6.88	6.81	6.95
Endrin	7.11	7.05	7.19
4,4'-DDD	7.16	7.09	7.23
Endosulfan II	7.34	7.27	7.41
4,4'-DDT	7.44	7.37	7.51
Endrin aldehyde	7.77	7.70	7.84
Methoxychlor	7.93	7.86	8.00
Endosulfan sulfate	8.23	8.16	8.30
Endrin ketone	8.47	8.40	8.54
Tetrachloro-m-xylene	2.09	2.03	2.13
DCB Decachlorobiphenyl	9.15	9.05	9.25

Data File: WR693507.D
Report Date: 23-Sep-2011 10:27

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693507.D
Lab Smp Id: CCV SGPESTL3_00009
Inj Date : 22-SEP-2011 16:30
Operator : Inst ID: PESTGC4.i
Smp Info : CCV SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8				
2.087	2.083	0.004	290169	95.0217	63	80.00-	120.00	100.00(R)	

2 alpha-BHC					CAS #: 319-84-6				
2.773	2.767	0.006	442967	103.420	69	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
3.410	3.403	0.007	407177	102.347	68	80.00-	120.00	100.00	

3 beta-BHC					CAS #: 319-85-7				
3.590	3.580	0.010	192267	102.178	68	80.00-	120.00	100.00	

4 delta-BHC					CAS #: 319-86-8				
3.950	3.943	0.007	411720	104.736	70	80.00-	120.00	100.00	

Data File: WR693507.D
Report Date: 23-Sep-2011 10:27

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17 Heptachlor						CAS #: 76-44-8		
4.363	4.360	0.003			300455 109.549	73	80.00- 120.00	100.00

1 Aldrin						CAS #: 309-00-2		
4.967	4.967	0.000			390561 105.379	70	80.00- 120.00	100.00

18 Heptachlor epoxide						CAS #: 1024-57-3		
6.177	6.180	-0.003			344789 107.029	71	80.00- 120.00	100.00

65 gamma-Chlordane						CAS #: 5103-74-2		
6.347	6.347	0.000			339937 104.144	69	80.00- 120.00	100.00

66 alpha-Chlordane						CAS #: 5103-71-9		
6.500	6.503	-0.003			308836 104.615	70	80.00- 120.00	100.00

8 4,4'-DDE						CAS #: 72-55-9		
6.570	6.573	-0.003			314605 107.280	72	80.00- 120.00	100.00

11 Endosulfan I						CAS #: 959-98-8		
6.647	6.650	-0.003			294872 105.030	70	80.00- 120.00	100.00

10 Dieldrin						CAS #: 60-57-1		
6.877	6.883	-0.006			307461 107.861	72	80.00- 120.00	100.00

14 Endrin						CAS #: 72-20-8		
7.113	7.117	-0.004			214429 101.941	68	80.00- 120.00	100.00

7 4,4'-DDD						CAS #: 72-54-8		
7.157	7.160	-0.003			263052 114.478	76	80.00- 120.00	100.00

12 Endosulfan II						CAS #: 33213-65-9		
7.337	7.340	-0.003			280287 104.295	70	80.00- 120.00	100.00

9 4,4'-DDT						CAS #: 50-29-3		
7.437	7.440	-0.003			230886 104.695	70	80.00- 120.00	100.00

15 Endrin aldehyde						CAS #: 7421-93-4		
7.767	7.770	-0.003			231822 104.416	70	80.00- 120.00	100.00

19 Methoxychlor						CAS #: 72-43-5		
7.930	7.933	-0.003			95771 104.421	70	80.00- 120.00	100.00

13 Endosulfan sulfate						CAS #: 1031-07-8		
8.227	8.230	-0.003			244324 102.387	68	80.00- 120.00	100.00

16 Endrin ketone						CAS #: 53494-70-5		
8.467	8.470	-0.003			262383 106.625	71	80.00- 120.00	100.00

Data File: WR693507.D
Report Date: 23-Sep-2011 10:27

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.150	9.150	0.000		220934	95.7523	64	80.00- 120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693507.D

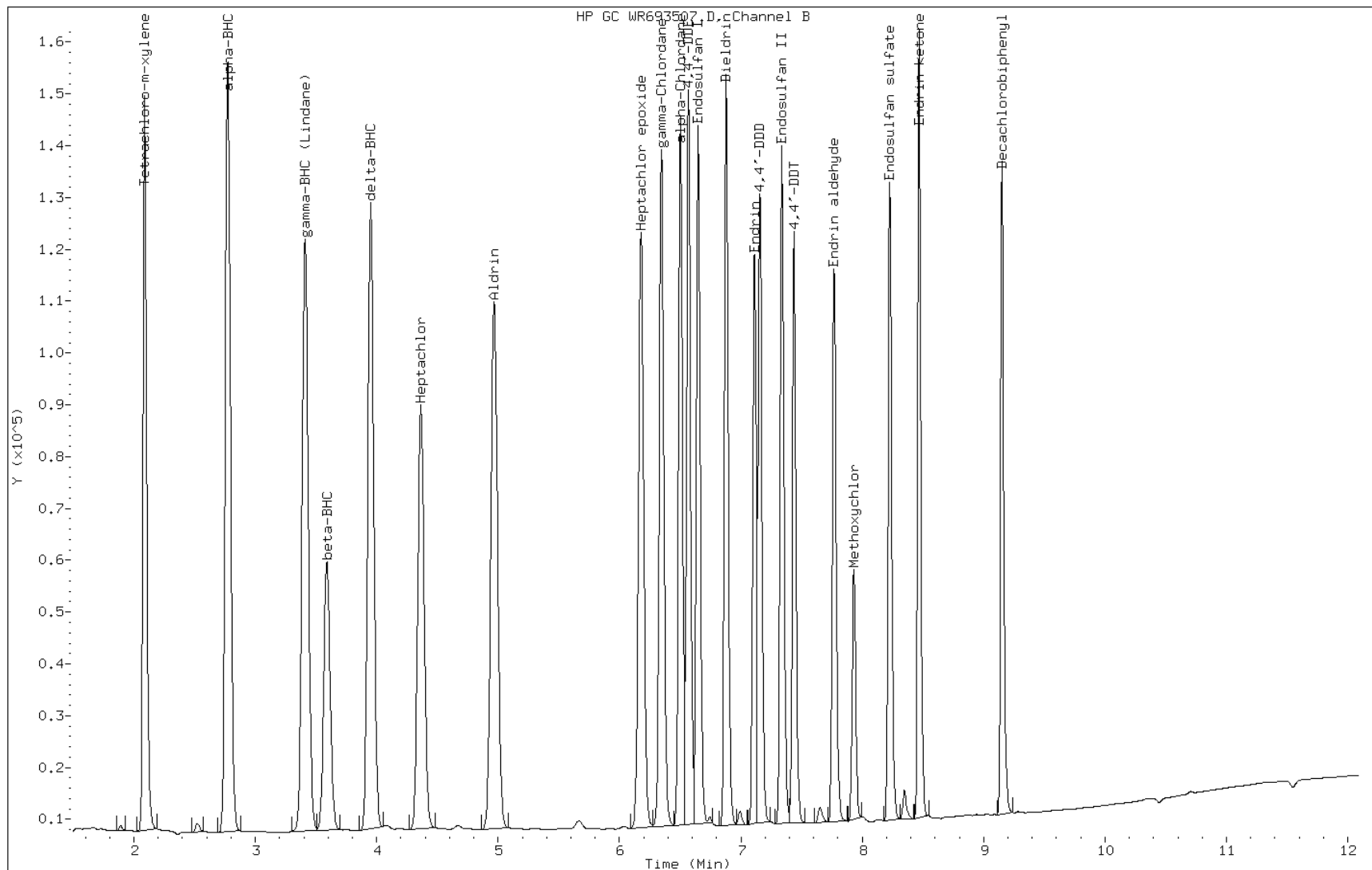
Date: 22-SEP-2011 16:30

Client ID:

Instrument: PESTGC4.i

Sample Info: CCV SGPESTL3_00009

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86888/1-A
Matrix: Solid Lab File ID: WF693489.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/22/2011 05:30
Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 12:18
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.: 86980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		53-150
877-09-8	Tetrachloro-m-xylene	120		40-150

Data File: WF693489.D

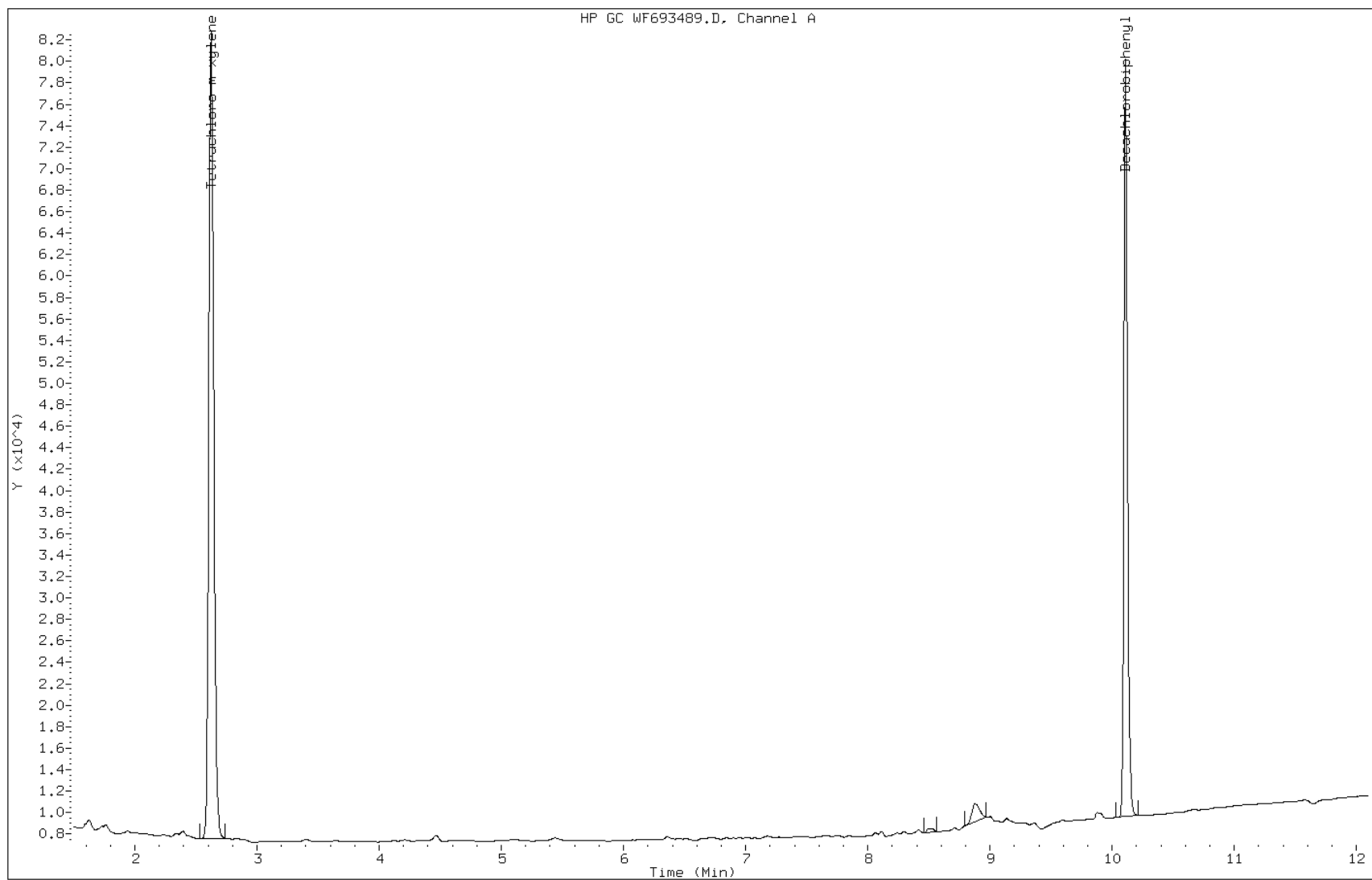
Date: 22-SEP-2011 12:18

Client ID:

Instrument: PESTGC4.i

Sample Info: mb 460-86888/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-86888/1-A
 Matrix: Solid Lab File ID: WR693489.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:30
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 12:18
 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.: 86980 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	6.7	U	6.7	1.2
319-85-7	beta-BHC	6.7	U	6.7	0.91
319-86-8	delta-BHC	6.7	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	0.78
76-44-8	Heptachlor	6.7	U	6.7	0.96
309-00-2	Aldrin	6.7	U	6.7	1.5
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.4
959-98-8	Endosulfan I	6.7	U	6.7	1.4
60-57-1	Dieldrin	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	0.94
33213-65-9	Endosulfan II	6.7	U	6.7	1.0
72-54-8	4,4'-DDD	6.7	U	6.7	0.80
1031-07-8	Endosulfan sulfate	6.7	U	6.7	0.86
50-29-3	4,4'-DDT	6.7	U	6.7	0.84
72-43-5	Methoxychlor	6.7	U	6.7	0.75
53494-70-5	Endrin ketone	6.7	U	6.7	0.99
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.7
5103-71-9	alpha-Chlordane	6.7	U	6.7	1.4
5103-74-2	gamma-Chlordane	6.7	U	6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	143		53-150
877-09-8	Tetrachloro-m-xylene	115		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693489.D
Lab Smp Id: mb 460-86888/1-a
Inj Date : 22-SEP-2011 12:18
Operator :
Smp Info : mb 460-86888/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.087	2.083	0.004	175873	57.5931	38	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.150	9.150	0.000	164575	71.3262	48	80.00- 120.00	100.00		

Data File: WR693489.D

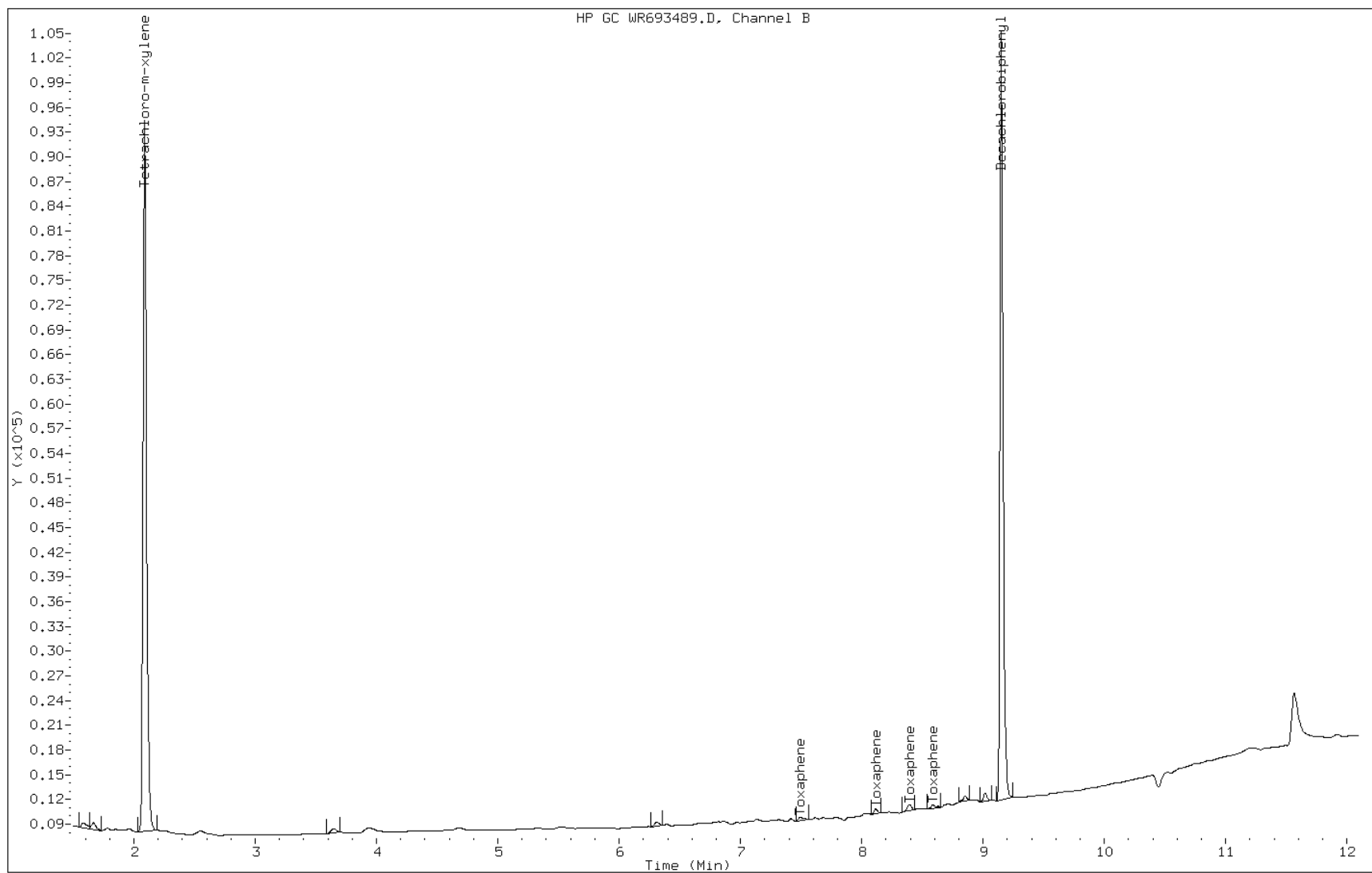
Date: 22-SEP-2011 12:18

Client ID:

Instrument: PESTGC4.i

Sample Info: mb 460-86888/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-86980/4

Matrix: Solid Lab File ID: WF693479.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 09/22/2011 09:59

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 86980 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150
877-09-8	Tetrachloro-m-xylene	0	X	40-150

Data File: WF693479.D
Report Date: 22-Sep-2011 13:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/WF693479.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 09:59
Operator : Inst ID: PESTGC4.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/08Wf8081.m
Meth Date : 22-Sep-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl CAS #: 2051-24-3						
10.123	10.110	0.013	49369 24.1493	16	80.00- 120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693479.D

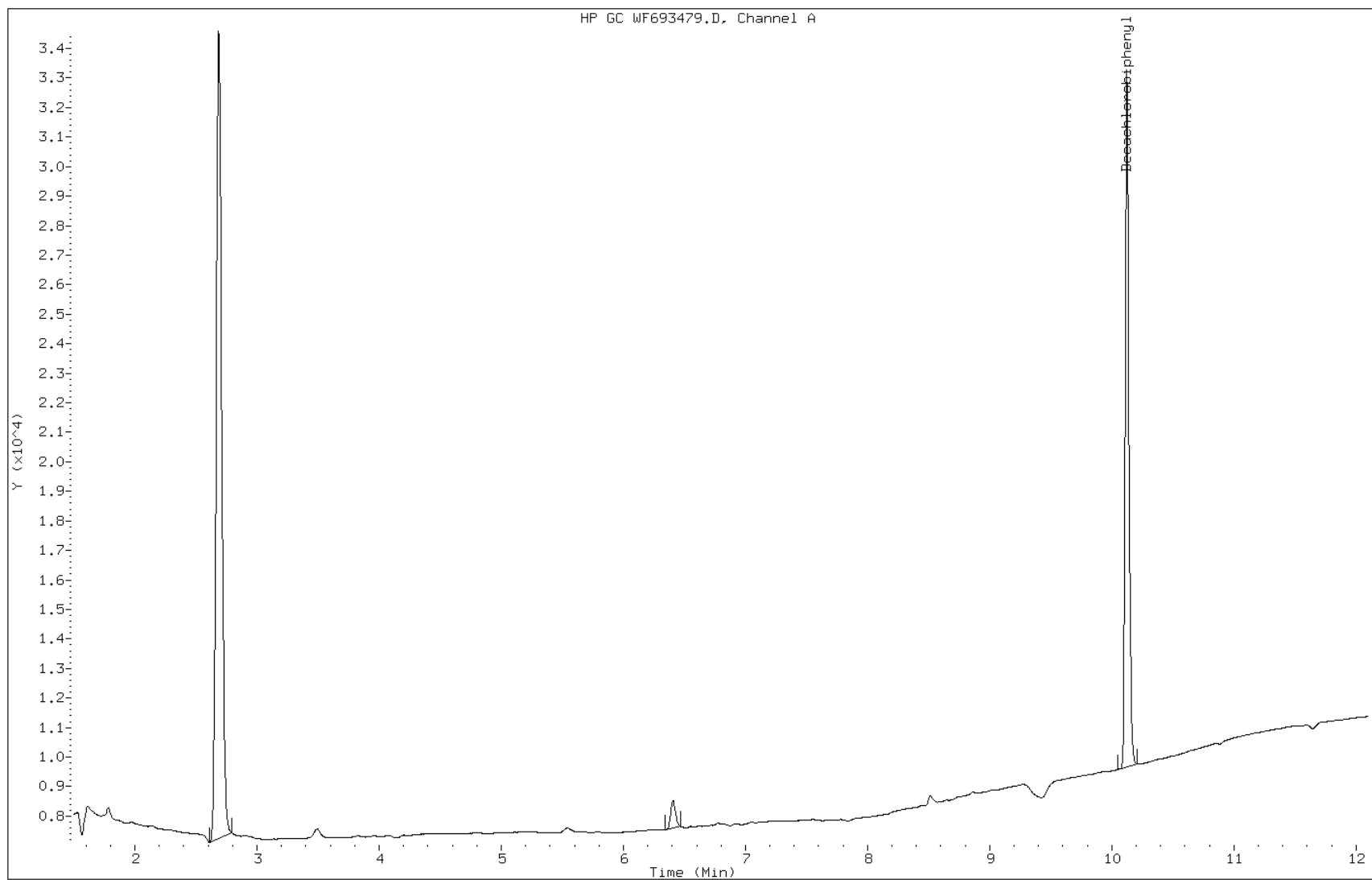
Date: 22-SEP-2011 09:59

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-86980/4
 Matrix: Solid Lab File ID: WR693479.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 09:59
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86980 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150
877-09-8	Tetrachloro-m-xylene	112		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693479.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 09:59
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.093	2.083	0.010	68605 22.4661	15	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.157	9.150	0.007	55975 24.2594	16	80.00- 120.00	100.00(R)			

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693479.D

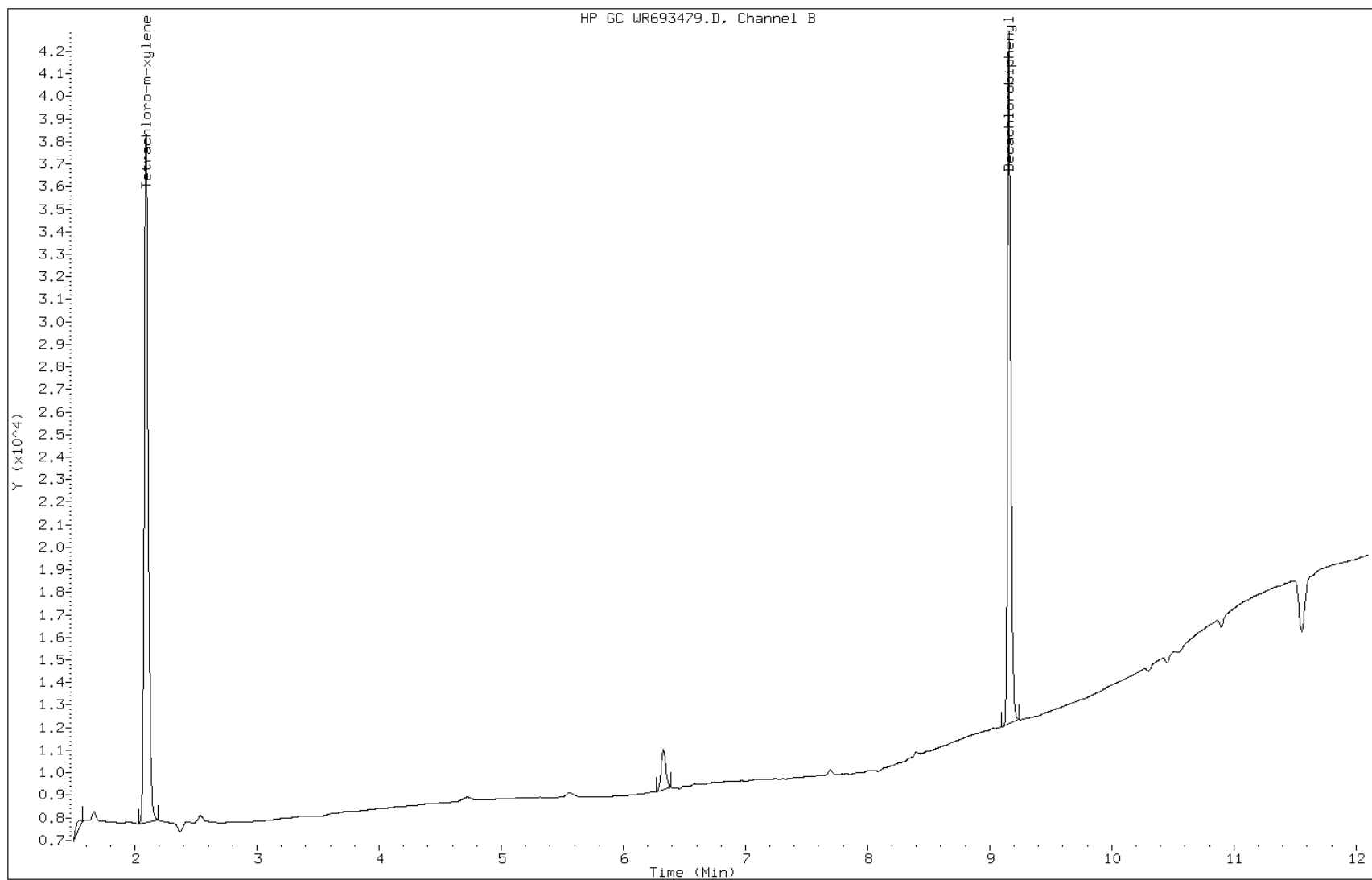
Date: 22-SEP-2011 09:59

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87016/4
 Matrix: Solid Lab File ID: WF693494.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 13:28
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl			
877-09-8	Tetrachloro-m-xylene			

Data File: WF693494.D
Report Date: 22-Sep-2011 16:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693494.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 13:28
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.620	2.637	-0.017	87777	25.0172	17	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.110	10.110	0.000	53155	26.0012	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693494.D

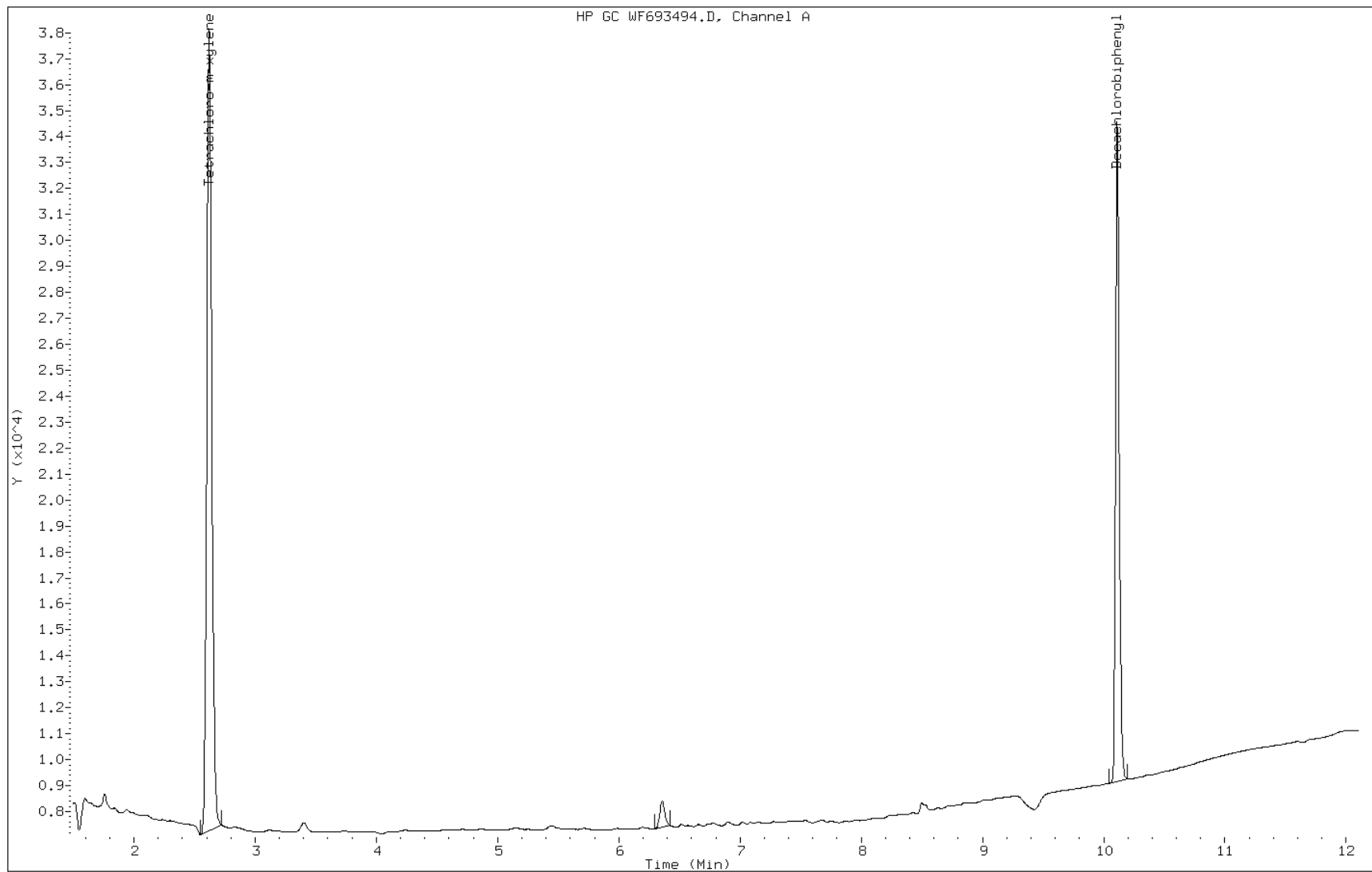
Date: 22-SEP-2011 13:28

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87016/4
 Matrix: Solid Lab File ID: WR693494.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 13:28
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl			
877-09-8	Tetrachloro-m-xylene			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693494.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 13:28
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.083	2.083	0.000	74654 24.4469	16	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.150	9.150	0.000	61518 26.6617	18	80.00- 120.00	100.00			

Data File: WR693494.D

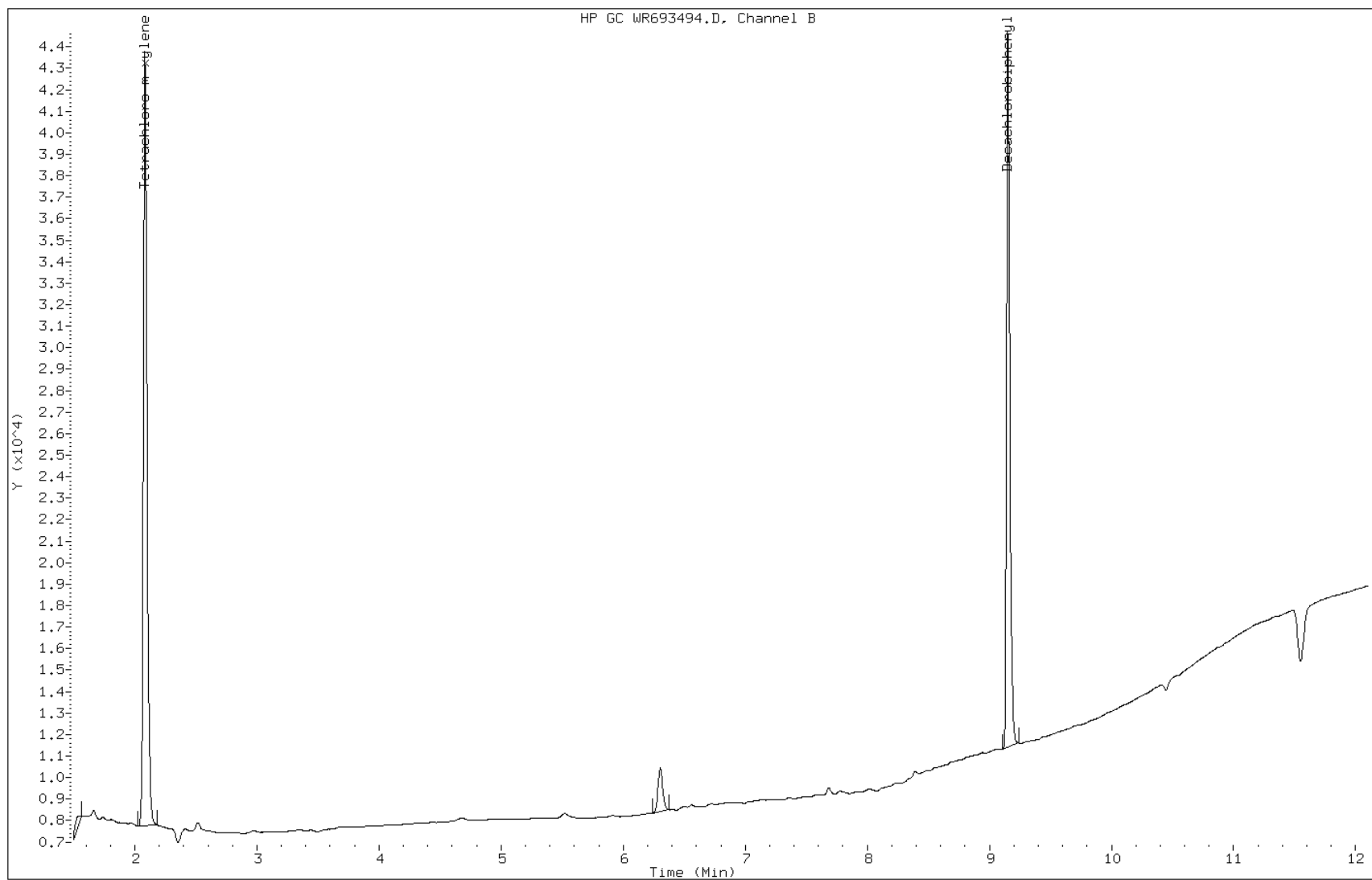
Date: 22-SEP-2011 13:28

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87016/16
 Matrix: Solid Lab File ID: WF693506.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/22/2011 16:16
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl			
877-09-8	Tetrachloro-m-xylene			

Data File: WF693506.D
Report Date: 22-Sep-2011 16:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693506.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 16:16
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene						CAS #: 877-09-8		
2.620	2.637	-0.017	88294	25.1646	17	80.00- 120.00	100.00		

\$ 30	Decachlorobiphenyl						CAS #: 2051-24-3		
10.110	10.110	0.000	52647	25.7527	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693506.D

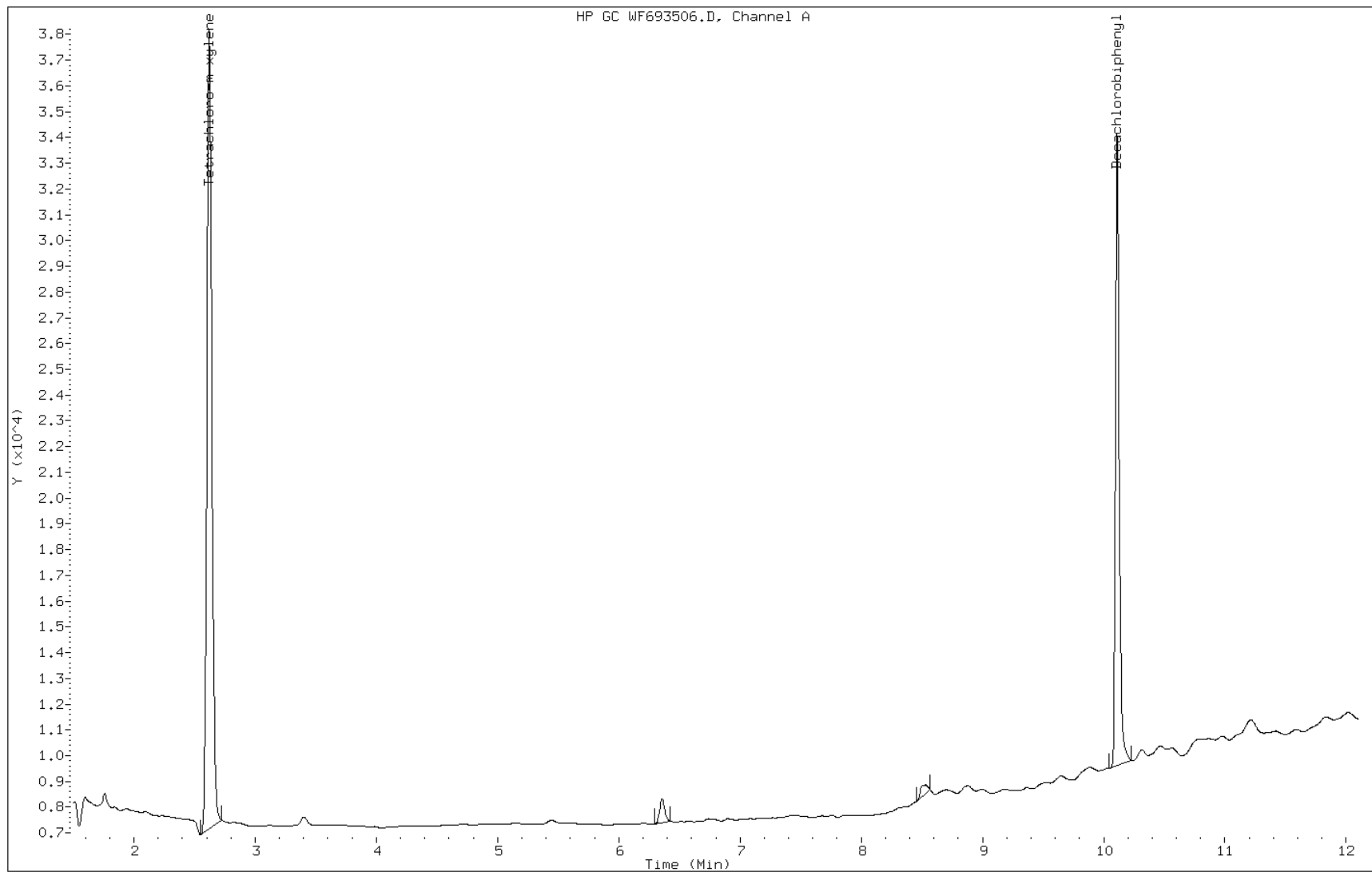
Date: 22-SEP-2011 16:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-87016/16

Matrix: Solid Lab File ID: WR693506.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 09/22/2011 16:16

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 87016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl			
877-09-8	Tetrachloro-m-xylene			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693506.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 22-SEP-2011 16:16
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene						CAS #: 877-09-8		
2.083	2.083	0.000	75101	24.5933	16	80.00- 120.00	100.00		

\$ 30	Decachlorobiphenyl						CAS #: 2051-24-3		
9.150	9.150	0.000	59152	25.6363	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693506.D

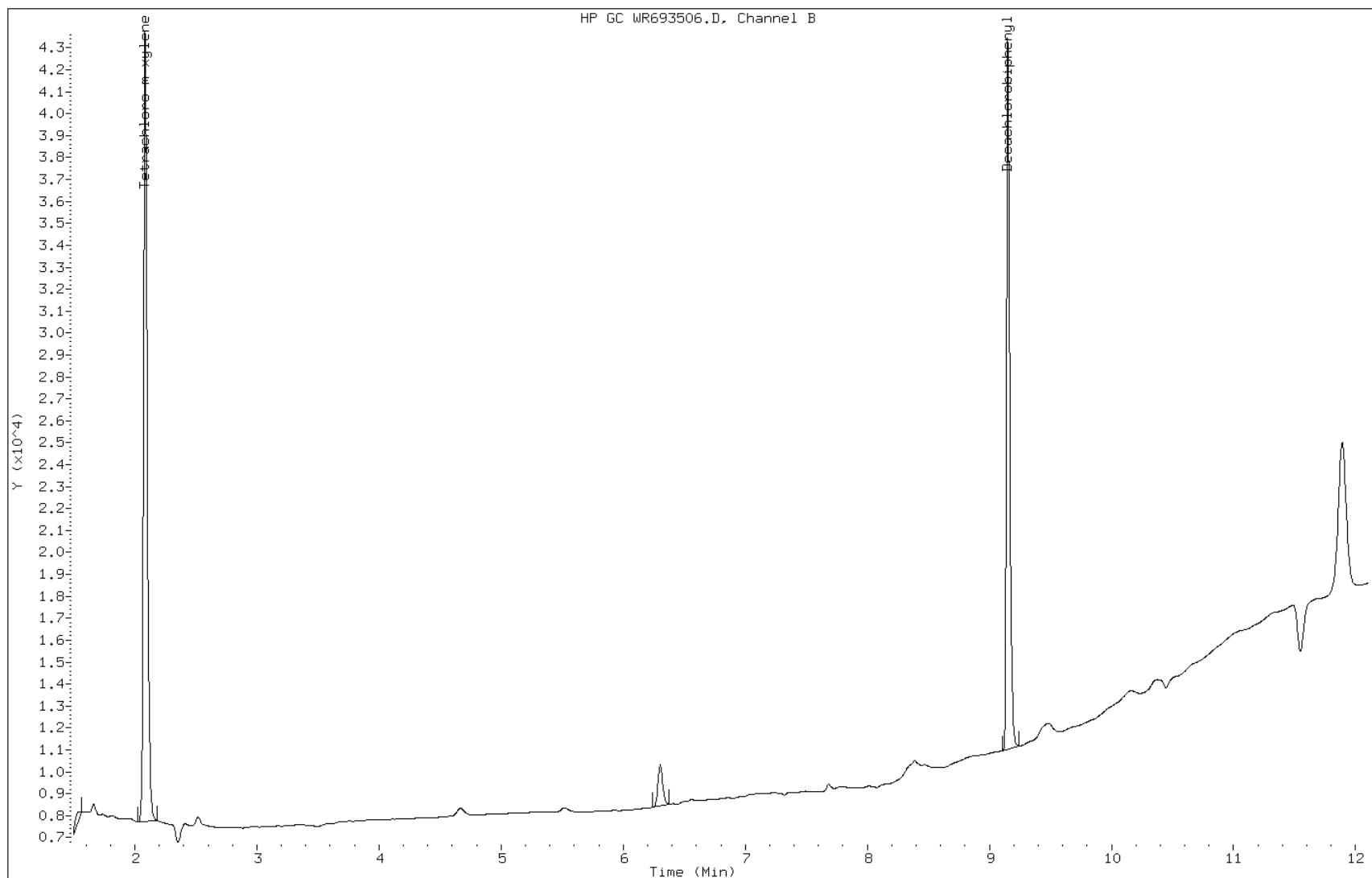
Date: 22-SEP-2011 16:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86888/2-A
 Matrix: Solid Lab File ID: WF693488.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:30
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 12:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 86980 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	145		6.7	1.2
319-85-7	beta-BHC	138		6.7	0.91
319-86-8	delta-BHC	148		6.7	1.0
58-89-9	gamma-BHC (Lindane)	144		6.7	0.78
76-44-8	Heptachlor	171		6.7	0.96
309-00-2	Aldrin	145		6.7	1.5
1024-57-3	Heptachlor epoxide	144		6.7	1.4
959-98-8	Endosulfan I	145		6.7	1.4
60-57-1	Dieldrin	149		6.7	1.3
72-55-9	4,4'-DDE	150		6.7	1.3
72-20-8	Endrin	155		6.7	0.94
33213-65-9	Endosulfan II	149		6.7	1.0
72-54-8	4,4'-DDD	156		6.7	0.80
1031-07-8	Endosulfan sulfate	142		6.7	0.86
50-29-3	4,4'-DDT	163		6.7	0.84
72-43-5	Methoxychlor	166		6.7	0.75
53494-70-5	Endrin ketone	150		6.7	0.99
7421-93-4	Endrin aldehyde	128		6.7	1.7
5103-71-9	alpha-Chlordane	144		6.7	1.4
5103-74-2	gamma-Chlordane	145		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		53-150
877-09-8	Tetrachloro-m-xylene	113		40-150

Data File: WF693488.D
Report Date: 22-Sep-2011 13:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/WF693488.D
Lab Smp Id: lcs 460-86888/2-
Inj Date : 22-SEP-2011 12:04
Operator : Inst ID: PESTGC4.i
Smp Info : lcs 460-86888/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11b.b/08Wf8081.m
Meth Date : 22-Sep-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.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	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene				CAS #:	877-09-8		
2.620	2.627	-0.007	197900	56.4032	38	80.00-	120.00	100.00

2	alpha-BHC				CAS #:	319-84-6		
3.937	3.943	-0.006	972187	217.001	140	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:	58-89-9		
4.720	4.730	-0.010	872841	215.922	140	80.00-	120.00	100.00

3	beta-BHC				CAS #:	319-85-7		
4.883	4.890	-0.007	407785	207.197	140	80.00-	120.00	100.00

4	delta-BHC				CAS #:	319-86-8		
5.543	5.550	-0.007	895370	222.077	150	80.00-	120.00	100.00

Data File: WF693488.D
Report Date: 22-Sep-2011 13:00

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #: 76-44-8					
5.720	5.727	-0.007	495805	257.227	170	80.00- 120.00	100.00	

1 Aldrin			CAS #: 309-00-2					
6.343	6.347	-0.004	799107	217.265	140	80.00- 120.00	100.00	

18 Heptachlor epoxide			CAS #: 1024-57-3					
6.967	6.970	-0.003	667905	216.371	140	80.00- 120.00	100.00	

65 gamma-Chlordane			CAS #: 5103-74-2					
7.163	7.167	-0.004	722352	217.857	140	80.00- 120.00	100.00	

66 alpha-Chlordane			CAS #: 5103-71-9					
7.320	7.320	0.000	680598	215.694	140	80.00- 120.00	100.00	

11 Endosulfan I			CAS #: 959-98-8					
7.393	7.393	0.000	644899	216.775	140	80.00- 120.00	100.00	

8 4,4'-DDE			CAS #: 72-55-9					
7.467	7.467	0.000	691473	225.252	150	80.00- 120.00	100.00	

10 Dieldrin			CAS #: 60-57-1					
7.687	7.687	0.000	708755	224.151	150	80.00- 120.00	100.00	

14 Endrin			CAS #: 72-20-8					
8.027	8.030	-0.003	507504	231.821	150	80.00- 120.00	100.00	

7 4,4'-DDD			CAS #: 72-54-8					
8.100	8.100	0.000	539935	234.627	160	80.00- 120.00	100.00	

12 Endosulfan II			CAS #: 33213-65-9					
8.247	8.247	0.000	576508	223.204	150	80.00- 120.00	100.00	

9 4,4'-DDT			CAS #: 50-29-3					
8.407	8.407	0.000	347164	244.487	160	80.00- 120.00	100.00	

15 Endrin aldehyde			CAS #: 7421-93-4					
8.530	8.530	0.000	390187	192.468	130	80.00- 120.00	100.00	

13 Endosulfan sulfate			CAS #: 1031-07-8					
8.727	8.727	0.000	448102	212.286	140	80.00- 120.00	100.00	

19 Methoxychlor			CAS #: 72-43-5					
8.887	8.887	0.000	165926	249.703	170	80.00- 120.00	100.00	

16 Endrin ketone			CAS #: 53494-70-5					
9.110	9.110	0.000	500698	225.475	150	80.00- 120.00	100.00	

Data File: WF693488.D
 Report Date: 22-Sep-2011 13:00

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.110	10.110	0.000	134348	65.7175	44	80.00-	120.00	100.00	

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-86888/2-A

Matrix: Solid Lab File ID: WR693488.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 09/22/2011 05:30

Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 12:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 86980 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	139		6.7	1.2
319-85-7	beta-BHC	141		6.7	0.91
319-86-8	delta-BHC	146		6.7	1.0
58-89-9	gamma-BHC (Lindane)	144		6.7	0.78
76-44-8	Heptachlor	150		6.7	0.96
309-00-2	Aldrin	146		6.7	1.5
1024-57-3	Heptachlor epoxide	148		6.7	1.4
959-98-8	Endosulfan I	147		6.7	1.4
60-57-1	Dieldrin	152		6.7	1.3
72-55-9	4,4'-DDE	151		6.7	1.3
72-20-8	Endrin	158		6.7	0.94
33213-65-9	Endosulfan II	147		6.7	1.0
72-54-8	4,4'-DDD	156		6.7	0.80
1031-07-8	Endosulfan sulfate	147		6.7	0.86
50-29-3	4,4'-DDT	152		6.7	0.84
72-43-5	Methoxychlor	149		6.7	0.75
53494-70-5	Endrin ketone	151		6.7	0.99
7421-93-4	Endrin aldehyde	132		6.7	1.7
5103-71-9	alpha-Chlordane	145		6.7	1.4
5103-74-2	gamma-Chlordane	145		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/WR693488.D
Lab Smp Id: lcs 460-86888/2-
Inj Date : 22-SEP-2011 12:04
Operator : Inst ID: PESTGC4.i
Smp Info : lcs 460-86888/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b/08Wr8081.m
Meth Date : 22-Sep-2011 12:49 ferdie Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.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		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene						CAS #: 877-09-8			
2.083	2.083	0.000		168880	55.3031	37	80.00-	120.00	100.00

2 alpha-BHC						CAS #: 319-84-6			
2.767	2.767	0.000		894667	208.878	140	80.00-	120.00	100.00

5 gamma-BHC (Lindane)						CAS #: 58-89-9			
3.407	3.407	0.000		859739	216.102	140	80.00-	120.00	100.00

3 beta-BHC						CAS #: 319-85-7			
3.583	3.587	-0.004		396882	210.918	140	80.00-	120.00	100.00

4 delta-BHC						CAS #: 319-86-8			
3.943	3.943	0.000		862864	219.500	150	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	
4.357	4.357	0.000	618241	225.417	150	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.963	4.963	0.000	811789	219.031	150	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.177	6.177	0.000	716663	222.466	150	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.343	6.347	-0.004	711963	218.119	140	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.500	6.500	0.000	643839	218.094	140	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.567	6.570	-0.003	664278	226.519	150	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.647	6.647	0.000	618965	220.469	150	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.880	6.880	0.000	649918	228.000	150	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.113	7.113	0.000	499158	237.303	160	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.157	7.160	-0.003	538749	234.459	160	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.337	7.340	-0.003	592023	220.293	150	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.437	7.440	-0.003	503130	228.143	150	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.767	7.770	-0.003	440488	198.402	130	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.930	7.933	-0.003	204454	222.918	150	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.227	8.227	0.000	526792	220.758	150	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.467	8.470	-0.003	558438	226.933	150	80.00-	120.00	100.00

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
9.150	9.150	0.000	155924	67.5769	45	80.00-	120.00	100.00	

Data File: WR693488.D

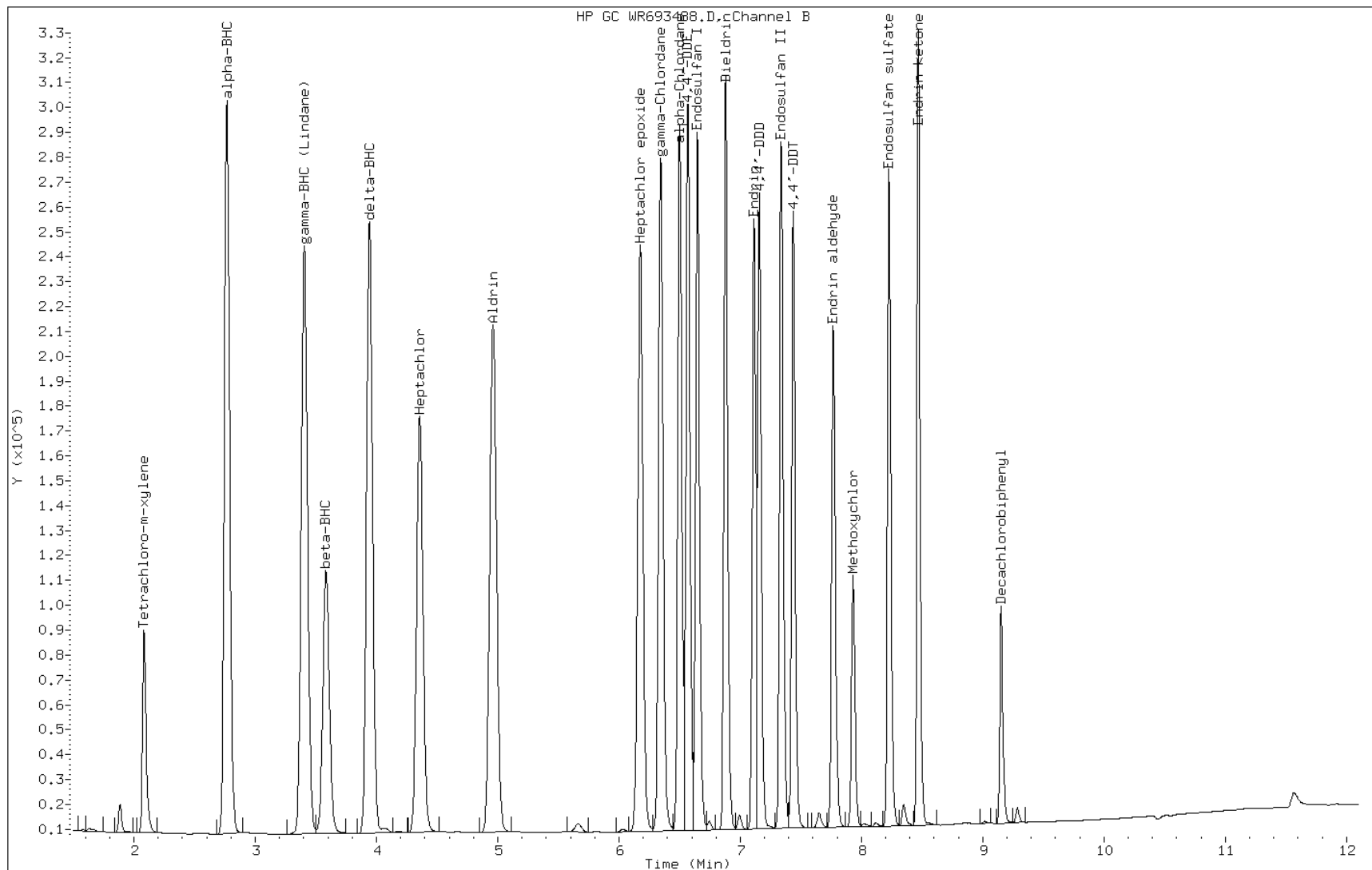
Date: 22-SEP-2011 12:04

Client ID:

Instrument: PESTGC4.i

Sample Info: lcs 460-86888/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-09 MS</u>	Lab Sample ID: <u>460-31330-3 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WF693495.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/14/2011 14:00</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/22/2011 05:30</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/22/2011 13:42</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>14.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87016</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	170		7.9	1.5
319-85-7	beta-BHC	162		7.9	1.1
319-86-8	delta-BHC	171		7.9	1.2
58-89-9	gamma-BHC (Lindane)	169		7.9	0.92
76-44-8	Heptachlor	203		7.9	1.1
309-00-2	Aldrin	169		7.9	1.7
1024-57-3	Heptachlor epoxide	167		7.9	1.6
959-98-8	Endosulfan I	168		7.9	1.7
60-57-1	Dieldrin	174		7.9	1.5
72-55-9	4,4'-DDE	174		7.9	1.5
72-20-8	Endrin	179		7.9	1.1
33213-65-9	Endosulfan II	172		7.9	1.2
72-54-8	4,4'-DDD	181		7.9	0.94
1031-07-8	Endosulfan sulfate	173		7.9	1.0
50-29-3	4,4'-DDT	187		7.9	0.99
72-43-5	Methoxychlor	190		7.9	0.88
53494-70-5	Endrin ketone	176		7.9	1.2
7421-93-4	Endrin aldehyde	153		7.9	2.0
5103-71-9	alpha-Chlordane	168		7.9	1.7
5103-74-2	gamma-Chlordane	169		7.9	1.6
8001-35-2	Toxaphene	79	U	79	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		53-150
877-09-8	Tetrachloro-m-xylene	113		40-150

Data File: WF693495.D
Report Date: 22-Sep-2011 16:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693495.D
Lab Smp Id: 460-31330-e-3-dms
Inj Date : 22-SEP-2011 13:42
Operator :
Smp Info : 460-31330-e-3-dms
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration 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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene					CAS #: 877-09-8			
2.623	2.637	-0.014	197555	56.3049	38	80.00- 120.00	100.00		

2	alpha-BHC					CAS #: 319-84-6			
3.940	3.960	-0.020	970098	216.534	140	80.00- 120.00	100.00		

5	gamma-BHC (Lindane)					CAS #: 58-89-9			
4.723	4.747	-0.024	872827	215.919	140	80.00- 120.00	100.00		

3	beta-BHC					CAS #: 319-85-7			
4.887	4.907	-0.020	407601	207.104	140	80.00- 120.00	100.00		

4	delta-BHC					CAS #: 319-86-8			
5.547	5.570	-0.023	877613	217.672	140	80.00- 120.00	100.00		

Data File: WF693495.D
Report Date: 22-Sep-2011 16:33

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17	Heptachlor					CAS #: 76-44-8		
5.723	5.747	-0.024			498620 258.687	170	80.00- 120.00	100.00

1	Aldrin					CAS #: 309-00-2		
6.343	6.357	-0.014			792397 215.441	140	80.00- 120.00	100.00

18	Heptachlor epoxide					CAS #: 1024-57-3		
6.967	6.977	-0.010			659269 213.573	140	80.00- 120.00	100.00

65	gamma-Chlordane					CAS #: 5103-74-2		
7.163	7.173	-0.010			714471 215.480	140	80.00- 120.00	100.00

66	alpha-Chlordane					CAS #: 5103-71-9		
7.320	7.327	-0.007			676599 214.427	140	80.00- 120.00	100.00

11	Endosulfan I					CAS #: 959-98-8		
7.393	7.400	-0.007			639771 215.051	140	80.00- 120.00	100.00

8	4,4'-DDE					CAS #: 72-55-9		
7.467	7.473	-0.006			681940 222.147	150	80.00- 120.00	100.00

10	Dieldrin					CAS #: 60-57-1		
7.687	7.693	-0.006			703662 222.541	150	80.00- 120.00	100.00

14	Endrin					CAS #: 72-20-8		
8.027	8.037	-0.010			499451 228.143	150	80.00- 120.00	100.00

7	4,4'-DDD					CAS #: 72-54-8		
8.100	8.107	-0.007			533124 231.667	150	80.00- 120.00	100.00

12	Endosulfan II					CAS #: 33213-65-9		
8.247	8.253	-0.006			567731 219.805	150	80.00- 120.00	100.00

9	4,4'-DDT					CAS #: 50-29-3		
8.403	8.410	-0.007			338968 238.715	160	80.00- 120.00	100.00

15	Endrin aldehyde					CAS #: 7421-93-4		
8.530	8.533	-0.003			396368 195.516	130	80.00- 120.00	100.00

13	Endosulfan sulfate					CAS #: 1031-07-8		
8.727	8.730	-0.003			465231 220.401	150	80.00- 120.00	100.00

19	Methoxychlor					CAS #: 72-43-5		
8.887	8.890	-0.003			161324 242.777	160	80.00- 120.00	100.00

16	Endrin ketone					CAS #: 53494-70-5		
9.110	9.113	-0.003			498292 224.391	150	80.00- 120.00	100.00

Data File: WF693495.D
 Report Date: 22-Sep-2011 16:33

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.110	10.110	0.000	131866	64.5034	43	80.00- 120.00	100.00

Data File: WF693495.D

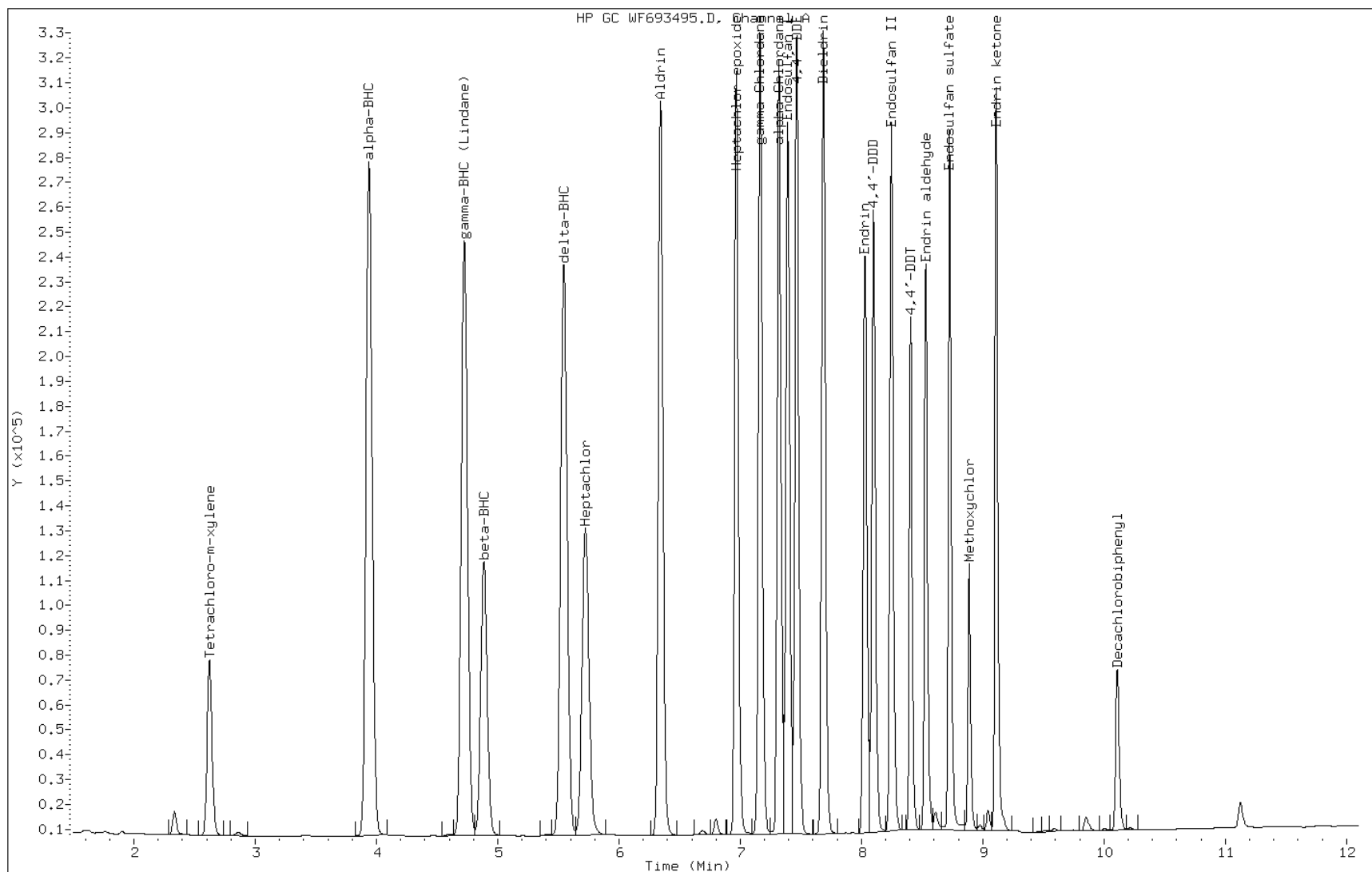
Date: 22-SEP-2011 13:42

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-dms

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-09 MS</u>	Lab Sample ID: <u>460-31330-3 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WR693495.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/14/2011 14:00</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/22/2011 05:30</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/22/2011 13:42</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>14.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87016</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	163		7.9	1.5
319-85-7	beta-BHC	163		7.9	1.1
319-86-8	delta-BHC	166		7.9	1.2
58-89-9	gamma-BHC (Lindane)	169		7.9	0.92
76-44-8	Heptachlor	178		7.9	1.1
309-00-2	Aldrin	169		7.9	1.7
1024-57-3	Heptachlor epoxide	172		7.9	1.6
959-98-8	Endosulfan I	169		7.9	1.7
60-57-1	Dieldrin	174		7.9	1.5
72-55-9	4,4'-DDE	174		7.9	1.5
72-20-8	Endrin	183		7.9	1.1
33213-65-9	Endosulfan II	169		7.9	1.2
72-54-8	4,4'-DDD	177		7.9	0.94
1031-07-8	Endosulfan sulfate	168		7.9	1.0
50-29-3	4,4'-DDT	177		7.9	0.99
72-43-5	Methoxychlor	173		7.9	0.88
53494-70-5	Endrin ketone	172		7.9	1.2
7421-93-4	Endrin aldehyde	159		7.9	2.0
5103-71-9	alpha-Chlordane	168		7.9	1.7
5103-74-2	gamma-Chlordane	168		7.9	1.6
8001-35-2	Toxaphene	79	U	79	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693495.D
Lab Smp Id: 460-31330-e-3-dms
Inj Date : 22-SEP-2011 13:42
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31330-e-3-dms
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.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				
RT	EXP RT	DLT RT		RESPONSE	ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.087	2.083	0.004		169383	55.4678	CAS #: 37	80.00- 120.00	100.00
CAS #: 877-09-8								
2 alpha-BHC								
2.770	2.767	0.003		891837	208.217	CAS #: 140	80.00- 120.00	100.00
CAS #: 319-84-6								
5 gamma-BHC (Lindane)								
3.407	3.403	0.004		855833	215.120	CAS #: 140	80.00- 120.00	100.00
CAS #: 58-89-9								
3 beta-BHC								
3.587	3.580	0.007		392239	208.451	CAS #: 140	80.00- 120.00	100.00
CAS #: 319-85-7								
4 delta-BHC								
3.947	3.943	0.004		833526	212.037	CAS #: 140	80.00- 120.00	100.00
CAS #: 319-86-8								

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO
			ON-COL	FINAL		
==	=====	=====	RESPONSE (ug/L)	(ug/kg)	=====	=====
17 Heptachlor					CAS #: 76-44-8	
4.363	4.360	0.003	622705 227.045	150	80.00- 120.00	100.00

1 Aldrin					CAS #: 309-00-2	
4.967	4.967	0.000	800821 216.072	140	80.00- 120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3	
6.177	6.180	-0.003	707754 219.700	150	80.00- 120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2	
6.347	6.347	0.000	700578 214.631	140	80.00- 120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9	
6.500	6.503	-0.003	632910 214.392	140	80.00- 120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9	
6.570	6.573	-0.003	650099 221.684	150	80.00- 120.00	100.00

11 Endosulfan I					CAS #: 959-98-8	
6.647	6.650	-0.003	607211 216.282	140	80.00- 120.00	100.00

10 Dieldrin					CAS #: 60-57-1	
6.880	6.883	-0.003	634624 222.634	150	80.00- 120.00	100.00

14 Endrin					CAS #: 72-20-8	
7.113	7.117	-0.004	491001 233.425	160	80.00- 120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8	
7.157	7.160	-0.003	519677 226.159	150	80.00- 120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9	
7.337	7.340	-0.003	581189 216.261	140	80.00- 120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3	
7.437	7.440	-0.003	497731 225.695	150	80.00- 120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4	
7.767	7.770	-0.003	449536 202.477	130	80.00- 120.00	100.00

19 Methoxychlor					CAS #: 72-43-5	
7.930	7.933	-0.003	202528 220.818	150	80.00- 120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8	
8.227	8.230	-0.003	511494 214.347	140	80.00- 120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5	
8.467	8.470	-0.003	540039 219.456	150	80.00- 120.00	100.00

Data File: WR693495.D
Report Date: 23-Sep-2011 06:40

Page 3

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
9.150	9.150	0.000		152332	66.0201	44	80.00- 120.00	100.00	

Data File: WR693495.D

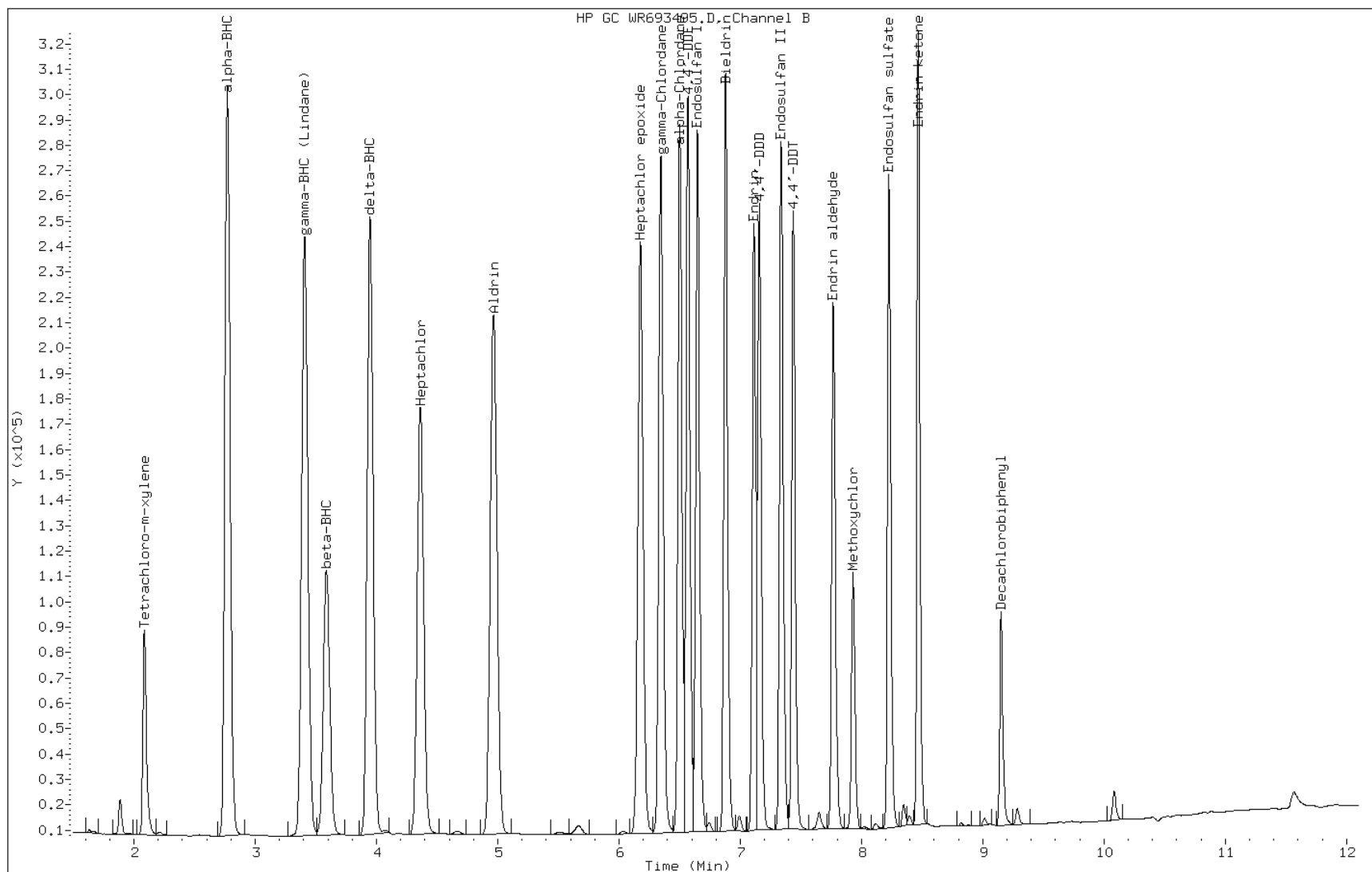
Date: 22-SEP-2011 13:42

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-dms

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-09 MSD</u>	Lab Sample ID: <u>460-31330-3 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WF693496.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/14/2011 14:00</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/22/2011 05:30</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>09/22/2011 13:56</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>14.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87016</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	165		7.8	1.5
319-85-7	beta-BHC	157		7.8	1.1
319-86-8	delta-BHC	164		7.8	1.2
58-89-9	gamma-BHC (Lindane)	164		7.8	0.91
76-44-8	Heptachlor	197		7.8	1.1
309-00-2	Aldrin	163		7.8	1.7
1024-57-3	Heptachlor epoxide	162		7.8	1.6
959-98-8	Endosulfan I	163		7.8	1.7
60-57-1	Dieldrin	168		7.8	1.5
72-55-9	4,4'-DDE	169		7.8	1.5
72-20-8	Endrin	173		7.8	1.1
33213-65-9	Endosulfan II	168		7.8	1.2
72-54-8	4,4'-DDD	176		7.8	0.94
1031-07-8	Endosulfan sulfate	157		7.8	1.0
50-29-3	4,4'-DDT	185		7.8	0.98
72-43-5	Methoxychlor	192		7.8	0.88
53494-70-5	Endrin ketone	170		7.8	1.2
7421-93-4	Endrin aldehyde	147		7.8	2.0
5103-71-9	alpha-Chlordane	160		7.8	1.7
5103-74-2	gamma-Chlordane	163		7.8	1.6
8001-35-2	Toxaphene	78	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150
877-09-8	Tetrachloro-m-xylene	109		40-150

Data File: WF693496.D
Report Date: 22-Sep-2011 16:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/WF693496.D
Lab Smp Id: 460-31330-e-3-emsd
Inj Date : 22-SEP-2011 13:56
Operator :
Smp Info : 460-31330-e-3-emsd
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-22-11/22sep11c.b/08Wf8081.m
Meth Date : 22-Sep-2011 16:33 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WF693436.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.630	2.637	-0.007	191281	54.5167	CAS #: 36	80.00-	120.00	100.00

2 alpha-BHC								
3.950	3.960	-0.010	944569	210.836	CAS #: 140	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
4.733	4.747	-0.014	847050	209.542	CAS #: 140	80.00-	120.00	100.00

3 beta-BHC								
4.897	4.907	-0.010	396650	201.539	CAS #: 130	80.00-	120.00	100.00

4 delta-BHC								
5.560	5.570	-0.010	846831	210.038	CAS #: 140	80.00-	120.00	100.00

Data File: WF693496.D
Report Date: 22-Sep-2011 16:33

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #:			76-44-8		
5.737	5.747	-0.010	486515	252.407	170	80.00- 120.00	100.00	

1 Aldrin			CAS #:			309-00-2		
6.353	6.357	-0.004	768219	208.867	140	80.00- 120.00	100.00	

18 Heptachlor epoxide			CAS #:			1024-57-3		
6.973	6.977	-0.004	641143	207.701	140	80.00- 120.00	100.00	

65 gamma-Chlordane			CAS #:			5103-74-2		
7.170	7.173	-0.003	693260	209.083	140	80.00- 120.00	100.00	

66 alpha-Chlordane			CAS #:			5103-71-9		
7.327	7.327	0.000	647586	205.232	140	80.00- 120.00	100.00	

11 Endosulfan I			CAS #:			959-98-8		
7.397	7.400	-0.003	620091	208.436	140	80.00- 120.00	100.00	

8 4,4'-DDE			CAS #:			72-55-9		
7.470	7.473	-0.003	663433	216.118	140	80.00- 120.00	100.00	

10 Dieldrin			CAS #:			60-57-1		
7.690	7.693	-0.003	679055	214.758	140	80.00- 120.00	100.00	

14 Endrin			CAS #:			72-20-8		
8.033	8.037	-0.004	484327	221.234	150	80.00- 120.00	100.00	

7 4,4'-DDD			CAS #:			72-54-8		
8.103	8.107	-0.004	517727	224.976	150	80.00- 120.00	100.00	

12 Endosulfan II			CAS #:			33213-65-9		
8.250	8.253	-0.003	555063	214.901	140	80.00- 120.00	100.00	

9 4,4'-DDT			CAS #:			50-29-3		
8.407	8.410	-0.003	335647	236.376	160	80.00- 120.00	100.00	

15 Endrin aldehyde			CAS #:			7421-93-4		
8.530	8.533	-0.003	381628	188.246	120	80.00- 120.00	100.00	

13 Endosulfan sulfate			CAS #:			1031-07-8		
8.727	8.730	-0.003	424276	200.999	130	80.00- 120.00	100.00	

19 Methoxychlor			CAS #:			72-43-5		
8.890	8.890	0.000	163564	246.148	160	80.00- 120.00	100.00	

16 Endrin ketone			CAS #:			53494-70-5		
9.113	9.113	0.000	484724	218.281	140	80.00- 120.00	100.00	

Data File: WF693496.D
 Report Date: 22-Sep-2011 16:33

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.110	10.110	0.000	127689	62.4602	42	80.00- 120.00	100.00

Data File: WF693496.D

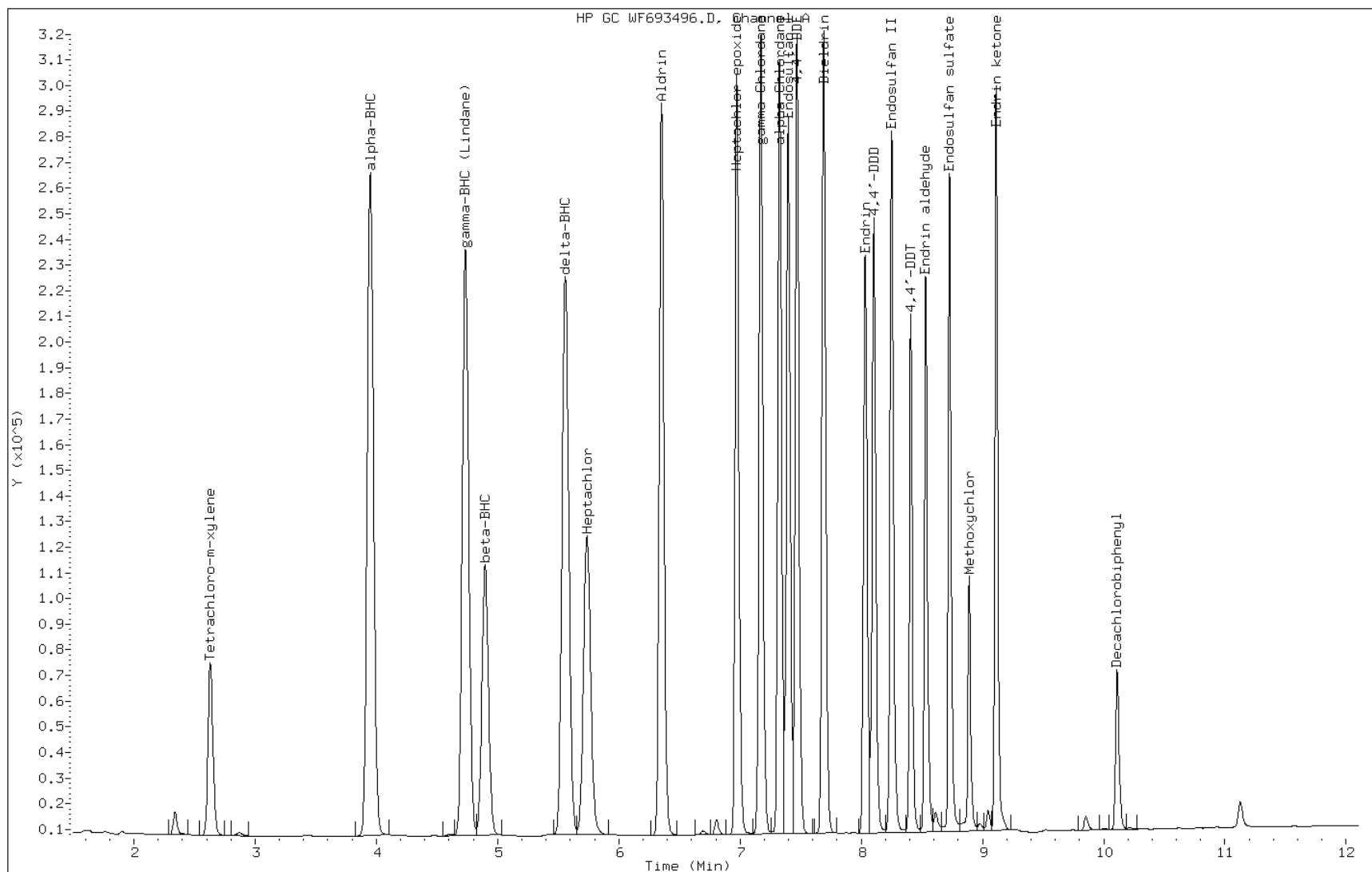
Date: 22-SEP-2011 13:56

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-emsd

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31330-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-091411-MM-09 MSD</u>	Lab Sample ID: <u>460-31330-3 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WR693496.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/14/2011 14:00</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/22/2011 05:30</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>09/22/2011 13:56</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>14.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87016</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	157		7.8	1.5
319-85-7	beta-BHC	158		7.8	1.1
319-86-8	delta-BHC	161		7.8	1.2
58-89-9	gamma-BHC (Lindane)	162		7.8	0.91
76-44-8	Heptachlor	173		7.8	1.1
309-00-2	Aldrin	164		7.8	1.7
1024-57-3	Heptachlor epoxide	166		7.8	1.6
959-98-8	Endosulfan I	166		7.8	1.7
60-57-1	Dieldrin	169		7.8	1.5
72-55-9	4,4'-DDE	166		7.8	1.5
72-20-8	Endrin	170		7.8	1.1
33213-65-9	Endosulfan II	163		7.8	1.2
72-54-8	4,4'-DDD	178		7.8	0.94
1031-07-8	Endosulfan sulfate	162		7.8	1.0
50-29-3	4,4'-DDT	171		7.8	0.98
72-43-5	Methoxychlor	166		7.8	0.88
53494-70-5	Endrin ketone	165		7.8	1.2
7421-93-4	Endrin aldehyde	151		7.8	2.0
5103-71-9	alpha-Chlordane	164		7.8	1.7
5103-74-2	gamma-Chlordane	163		7.8	1.6
8001-35-2	Toxaphene	78	U	78	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150
877-09-8	Tetrachloro-m-xylene	107		40-150

Data File: WR693496.D
Report Date: 23-Sep-2011 06:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/WR693496.D
Lab Smp Id: 460-31330-e-3-emsd
Inj Date : 22-SEP-2011 13:56
Operator :
Smp Info : 460-31330-e-3-emsd
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b/08Wr8081.m
Meth Date : 22-Sep-2011 14:36 catalina Quant Type: ESTD
Cal Date : 21-SEP-2011 08:13 Cal File: WR693436.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.080	2.083	-0.003	162949	53.3609	CAS #: 36	80.00-	120.00	100.00

2 alpha-BHC								
2.763	2.767	-0.004	862210	201.300	CAS #: 130	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
3.403	3.403	0.000	825121	207.401	CAS #: 140	80.00-	120.00	100.00

3 beta-BHC								
3.580	3.580	0.000	381583	202.788	CAS #: 140	80.00-	120.00	100.00

4 delta-BHC								
3.940	3.943	-0.003	808401	205.646	CAS #: 140	80.00-	120.00	100.00

Data File: WR693496.D
Report Date: 23-Sep-2011 06:40

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17 Heptachlor								
4.357	4.360	-0.003			608344 221.809	150	80.00- 120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.963	4.967	-0.004			777321 209.732	140	80.00- 120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.180	6.180	0.000			686860 213.214	140	80.00- 120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.347	6.347	0.000			680699 208.541	140	80.00- 120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.503	6.503	0.000			621219 210.432	140	80.00- 120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.570	6.573	-0.003			623334 212.557	140	80.00- 120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.650	6.650	0.000			595259 212.025	140	80.00- 120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.883	6.883	0.000			617597 216.661	140	80.00- 120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.117	7.117	0.000			458326 217.891	140	80.00- 120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.160	7.160	0.000			523714 227.916	150	80.00- 120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.340	7.340	0.000			561101 208.787	140	80.00- 120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.440	7.440	0.000			481653 218.404	140	80.00- 120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.770	7.770	0.000			428591 193.043	130	80.00- 120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.933	7.933	0.000			195531 213.189	140	80.00- 120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.227	8.230	-0.003			494826 207.362	140	80.00- 120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.470	8.470	0.000			521402 211.882	140	80.00- 120.00	100.00
CAS #: 53494-70-5								

Data File: WR693496.D
Report Date: 23-Sep-2011 06:40

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
9.150	9.150	0.000		145593	63.0995	42	80.00- 120.00	100.00	

Data File: WR693496.D

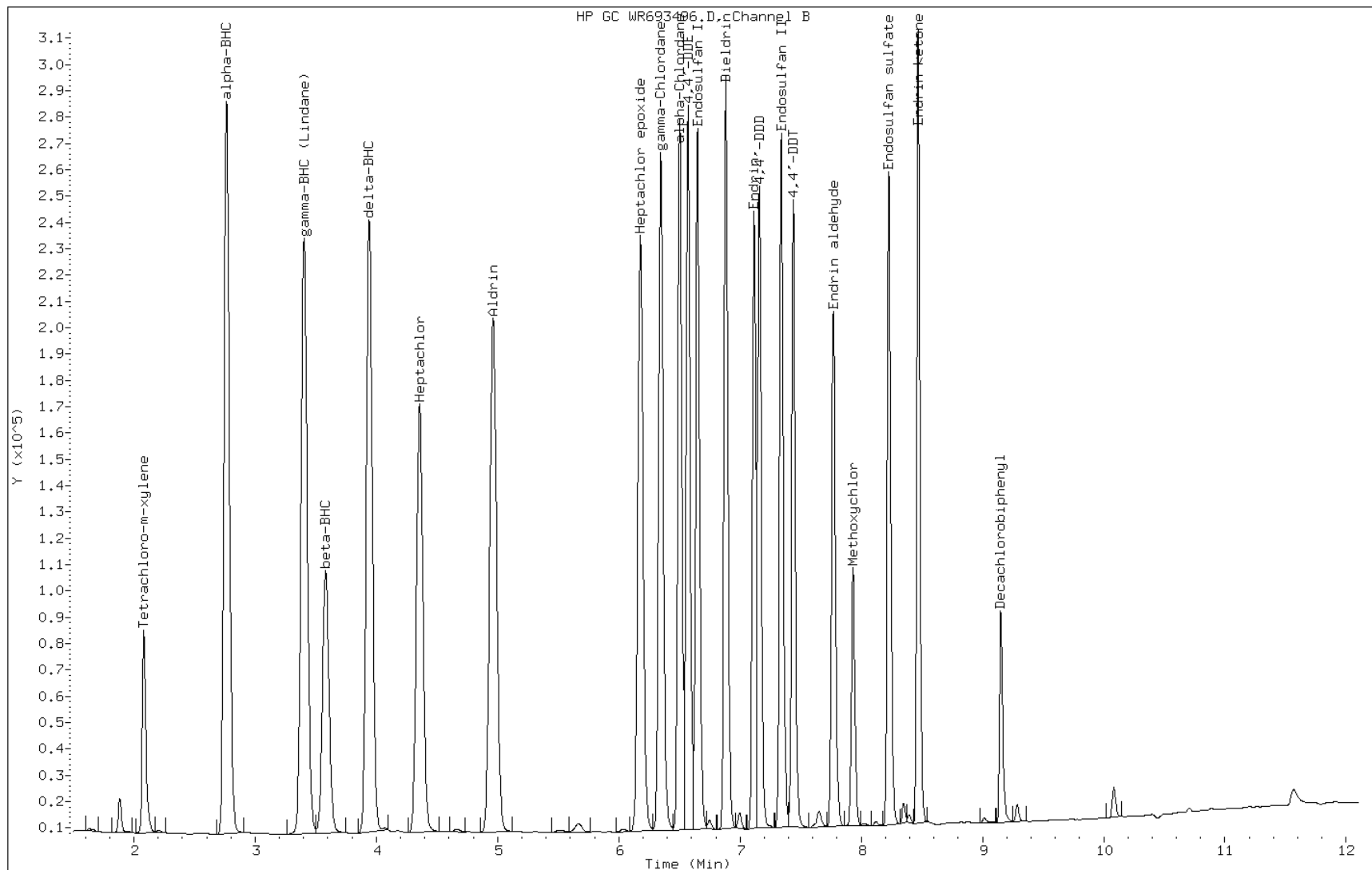
Date: 22-SEP-2011 13:56

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31330-e-3-emsd

Operator:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/21/2011 05:38Analysis Batch Number: 86771 End Date: 09/21/2011 08:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-86771/1		09/21/2011 05:38	1		CLP-2 0.53 (mm)
RINSE 460-86771/1		09/21/2011 05:38	1		CLP-1 0.53 (mm)
PIBLK 460-86771/2		09/21/2011 06:08	1		CLP-2 0.53 (mm)
PIBLK 460-86771/2		09/21/2011 06:08	1		CLP-1 0.53 (mm)
RESC 460-86771/3		09/21/2011 06:22	1		CLP-2 0.53 (mm)
RESC 460-86771/3		09/21/2011 06:22	1		CLP-1 0.53 (mm)
PEM 460-86771/4		09/21/2011 06:36	1		CLP-2 0.53 (mm)
PEM 460-86771/4		09/21/2011 06:36	1		CLP-1 0.53 (mm)
IC 460-86771/5		09/21/2011 06:50	1	WF693430.D	CLP-2 0.53 (mm)
IC 460-86771/5		09/21/2011 06:50	1	WR693430.D	CLP-1 0.53 (mm)
IC 460-86771/6		09/21/2011 07:04	1	WF693431.D	CLP-2 0.53 (mm)
IC 460-86771/6		09/21/2011 07:04	1	WR693431.D	CLP-1 0.53 (mm)
IC 460-86771/7		09/21/2011 07:18	1	WF693432.D	CLP-2 0.53 (mm)
IC 460-86771/7		09/21/2011 07:18	1	WR693432.D	CLP-1 0.53 (mm)
IC 460-86771/8		09/21/2011 07:32	1	WF693433.D	CLP-2 0.53 (mm)
IC 460-86771/8		09/21/2011 07:32	1	WR693433.D	CLP-1 0.53 (mm)
IC 460-86771/9		09/21/2011 07:46	1	WF693434.D	CLP-2 0.53 (mm)
IC 460-86771/9		09/21/2011 07:46	1	WR693434.D	CLP-1 0.53 (mm)
IC 460-86771/10		09/21/2011 08:00	1		CLP-2 0.53 (mm)
IC 460-86771/10		09/21/2011 08:00	1		CLP-1 0.53 (mm)
IC 460-86771/11		09/21/2011 08:13	1	WF693436.D	CLP-2 0.53 (mm)
IC 460-86771/11		09/21/2011 08:13	1	WR693436.D	CLP-1 0.53 (mm)
ICV 460-86771/12		09/21/2011 08:27	1		CLP-2 0.53 (mm)
ICV 460-86771/12		09/21/2011 08:27	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/22/2011 09:03Analysis Batch Number: 86980 End Date: 09/22/2011 12:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 460-86980/1		09/22/2011 09:03	1	WF693476.D	CLP-2 0.53 (mm)
PEM 460-86980/1		09/22/2011 09:03	1	WR693476.D	CLP-1 0.53 (mm)
CCVRT 460-86980/2		09/22/2011 09:16	1	WF693477.D	CLP-2 0.53 (mm)
CCVRT 460-86980/2		09/22/2011 09:16	1	WR693477.D	CLP-1 0.53 (mm)
RESC 460-86980/3		09/22/2011 09:30	1		CLP-2 0.53 (mm)
RESC 460-86980/3		09/22/2011 09:30	1		CLP-1 0.53 (mm)
PIBLK 460-86980/4		09/22/2011 09:59	1	WF693479.D	CLP-2 0.53 (mm)
PIBLK 460-86980/4		09/22/2011 09:59	1	WR693479.D	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:13	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:13	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:27	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:27	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:40	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:40	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:54	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:54	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 11:08	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 11:08	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 11:22	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 11:22	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 11:36	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 11:36	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 11:50	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 11:50	1		CLP-1 0.53 (mm)
LCS 460-86888/2-A		09/22/2011 12:04	1	WF693488.D	CLP-2 0.53 (mm)
LCS 460-86888/2-A		09/22/2011 12:04	1	WR693488.D	CLP-1 0.53 (mm)
MB 460-86888/1-A		09/22/2011 12:18	1	WF693489.D	CLP-2 0.53 (mm)
MB 460-86888/1-A		09/22/2011 12:18	1	WR693489.D	CLP-1 0.53 (mm)
CCV 460-86980/15		09/22/2011 12:32	1	WF693490.D	CLP-2 0.53 (mm)
CCV 460-86980/15		09/22/2011 12:32	1	WR693490.D	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/22/2011 12:45

Analysis Batch Number: 87016 End Date: 09/22/2011 16:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 460-87016/1		09/22/2011 12:45	1	WF693491.D	CLP-2 0.53 (mm)
PEM 460-87016/1		09/22/2011 12:45	1	WR693491.D	CLP-1 0.53 (mm)
CCVRT 460-87016/2		09/22/2011 12:59	1	WF693492.D	CLP-2 0.53 (mm)
CCVRT 460-87016/2		09/22/2011 12:59	1	WR693492.D	CLP-1 0.53 (mm)
RESC 460-87016/3		09/22/2011 13:14	1	WF693493.D	CLP-2 0.53 (mm)
RESC 460-87016/3		09/22/2011 13:14	1	WR693493.D	CLP-1 0.53 (mm)
PIBLK 460-87016/4		09/22/2011 13:28	1	WF693494.D	CLP-2 0.53 (mm)
PIBLK 460-87016/4		09/22/2011 13:28	1	WR693494.D	CLP-1 0.53 (mm)
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 13:42	1	WF693495.D	CLP-2 0.53 (mm)
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 13:42	1	WR693495.D	CLP-1 0.53 (mm)
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 13:56	1	WF693496.D	CLP-2 0.53 (mm)
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 13:56	1	WR693496.D	CLP-1 0.53 (mm)
460-31330-3	SO-17338-091411-MM-09	09/22/2011 14:11	1	WF693497.D	CLP-2 0.53 (mm)
460-31330-3	SO-17338-091411-MM-09	09/22/2011 14:11	1	WR693497.D	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 14:24	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 14:24	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 14:38	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 14:38	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 14:52	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 14:52	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:06	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:06	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:20	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:20	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:34	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:34	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 15:48	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 15:48	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 16:02	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 16:02	1		CLP-1 0.53 (mm)
PIBLK 460-87016/16		09/22/2011 16:16	1	WF693506.D	CLP-2 0.53 (mm)
PIBLK 460-87016/16		09/22/2011 16:16	1	WR693506.D	CLP-1 0.53 (mm)
CCV 460-87016/17		09/22/2011 16:30	1	WF693507.D	CLP-2 0.53 (mm)
CCV 460-87016/17		09/22/2011 16:30	1	WR693507.D	CLP-1 0.53 (mm)

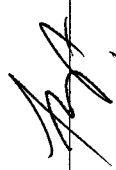
TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/Front/Sep11/09-21-11aical/21sep11a.b

Date Generated: 09/21/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/21/11	0538 WF693426	1	HEXANE	21sep11a	NA	15	10	1	SAMPLE	NA	86771
09/21/11	0608 WF693427	2	SGPIBLK_00008	21sep11a		15	10	1	SAMPLE		9
09/21/11	0622 WF693428	3	SGRESCI_00008	21sep11a		15	10	1	SAMPLE		9
09/21/11	0636 WF693429	4	SGDDT/Ei_00015	21sep11a		15	10	1	SAMPLE		9
09/21/11	0650 WF693430	5	SGPESTL3_00009	NA		0	0	1	CALIB_3		9
09/21/11	0704 WF693431	6	SGPESTL1_00008			0	0	1	CALIB_1		9
09/21/11	0718 WF693432	7	SGPESTL2_00008			0	0	1	CALIB_2		9
09/21/11	0732 WF693433	8	SGPESTL4_00008			0	0	1	CALIB_4		9
09/21/11	0746 WF693434	9	SGPESTL5_00008			0	0	1	CALIB_5		9
09/21/11	0800 WF693435	10	SGCHLORL3_00007			0	0	1	CALIB_3		9
09/21/11	0813 WF693436	11	SGTOXL3_00010			0	0	1	CALIB_3		9
09/21/11	0827 WF693437	12	SGPTICV_00012			0	0	1	CCALIB_3		9

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Signed:  Read and Understood by: 
Date: 09/21/11 Date: 9/21/11

10/27/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b

Date Generated: 09/22/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	SampleType	LOT	COMMENTS
09/22/11 0903	WR693476	15	SGDDT/EI_00015	22sep11b	NA	100	5	1	SAMPLE	NA	86980
09/22/11 0916	WR693477	16	SGPESTL3_00009	NA		0	0	1	CCALIB_3		
09/22/11 0930	WR693478	17	SGRESCI_00008	22sep11b		15	10	1	SAMPLE		
09/22/11 0959	WR693479	18	SGPIBLK_00008	22sep11b		15	10	1	SAMPLE		
09/22/11 1013	WR693480	19	460-31368-a-6-e	22sep11b		15	10	1	SAMPLE		
09/22/11 1027	WR693481	20	460-31403-a-1-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1040	WR693482	21	460-31403-a-2-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1054	WR693483	22	460-31403-a-3-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1108	WR693484	23	460-31403-a-4-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1122	WR693485	24	460-31403-a-5-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1136	WR693486	25	460-31403-a-6-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1150	WR693487	26	460-31403-a-7-b	22sep11b		15	10	1	SAMPLE		
09/22/11 1204	WR693488	27	lcs 460-86888/2-	NA		15	10	1	BS		
09/22/11 1218	WR693489	28	mb 460-86888/1-a	22sep11b		15	10	1	SAMPLE		

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9/27/2011

SW-9/22/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11b.b

Date Generated: 09/22/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	SampleType	LOT	COMMENTS
09/22/11 1232	WR693490	29	SGPESTL3_00009	nt	ns	0	0	1	CCALIB_3	NA	G

Signed: [Signature] Read and Understood by: [Signature]
Date: 09/22/11 Date: 09/22/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Sept11/09-22-11/22sept11c.b

Date Generated: 09/23/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/22/11 1245	WR693491	30	SGDDT/Ei_00015		M			1	END/DDT	M	87016
09/22/11 1259	WR693492	31	CCVRTSGPESTL3_00009			0	0	1	CCALIB_3		
09/22/11 1314	WR693493	32	SGRESCI_00008	22sept11c		15	10	1	RESOLUTION		
09/22/11 1328	WR693494	33	SGPIBLK_00008	22sept11c		15	10	1	INSTBLANK		
09/22/11 1342	WR693495	34	460-31330-e-3-dms	22sept11c		15	10	1	MS		
09/22/11 1356	WR693496	35	460-31330-e-3-emad	22sept11c		15	10	1	MSD		
09/22/11 1411	WR693497	36	460-31330-e-3-f	22sept11c		15	10	1	SAMPLE		
09/22/11 1424	WR693498	37	460-31378-a-6-g	22sept11c		15	10	1	SAMPLE		
09/22/11 1438	WR693499	38	460-31359-a-1-g	22sept11c		15	10	1	SAMPLE		
09/22/11 1452	WR693500	39	460-31312-c-6-c	22sept11c		15	10	1	SAMPLE		
09/22/11 1506	WR693501	40	460-31370-b-1-b	22sept11c		15	10	1	SAMPLE		
09/22/11 1520	WR693502	41	460-31370-b-2-b	22sept11c		15	10	1	SAMPLE		
09/22/11 1534	WR693503	42	460-31370-b-3-b	22sept11c		15	10	1	SAMPLE		
09/22/11 1548	WR693504	43	460-31370-b-4-b	22sept11c		15	10	1	SAMPLE		

Approved
09/23/11

2923

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Sep11/09-22-11/22sep11c.b

Date Generated: 09/23/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/22/11 1602	WR693505	44	460-31370-b-5-b	22sep11c	44	15	10	1	SAMPLE	nd	S
09/22/11 1616	WR693506	41	SGPIBLK_00008	22sep11c	41	15	10	1	INSTBLANK	1	S
09/22/11 1630	WR693507	44	CCV SGPESTL3_00009	22sep11c	44	15	10	1	SAMPLE	1	S

Signed: [Signature] Read and Understood by: [Signature]
Date: 09/23/11 Date: 9/23/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 86888 Batch Start Date: 09/22/11 05:30 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 09/22/11 10:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00008	OPPSTPCBSU 00017	
MB 460-86888/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-86888/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-31330-E-3 MS	SO-17338-091411-MM-09	3541, 8081A	T	15.00 g	10 mL	75	100 uL	50 uL	
460-31330-E-3 MSD	SO-17338-091411-MM-09	3541, 8081A	T	15.05 g	10 mL	76	100 uL	50 uL	
460-31330-E-3	SO-17338-091411-MM-09	3541, 8081A	T	15.00 g	10 mL	78		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	10:17am
Florisil Lot #	k19553
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
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	5:30am

Basis	Basis Description
T	Total/NA

Method 8082 - Delaware

Polychlorinated Biphenyls (PCBs)
(GC) by Method 8082 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

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 #
SO-17338-091411-MM-09	460-31330-3	137	120
	MB 460-86887/1-A	141	123
	LCS 460-86887/2-A	141	122
SO-17338-091411-MM-09 MS	460-31330-3 MS	132	117
SO-17338-091411-MM-09 MSD	460-31330-3 MSD	131	115

DCB = DCB Decachlorobiphenyl

QC LIMITS
30-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf464741.d
Lab ID: LCS 460-86887/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	429	129	60-144	
PCB-1260	333	401	120	63-143	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr464741.d
Lab ID: LCS 460-86887/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	419	126	60-144	
PCB-1260	333	405	121	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf464745.d
Lab ID: 460-31330-3 MS Client ID: SO-17338-091411-MM-09 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	392	79 U	520	133	60-144	
PCB-1260	392	79 U	501	128	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr464745.d
Lab ID: 460-31330-3 MS Client ID: SO-17338-091411-MM-09 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	392	79 U	528	135	60-144	
PCB-1260	392	79 U	505	129	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf464746.d
Lab ID: 460-31330-3 MSD Client ID: SO-17338-091411-MM-09 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	392	516	132	2	30	60-144	
PCB-1260	392	492	126	3	30	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr464746.d
Lab ID: 460-31330-3 MSD Client ID: SO-17338-091411-MM-09 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	392	503	129	3	30	60-144	
PCB-1260	392	490	125	2	30	63-143	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: MB 460-86887/1-A
 Matrix: Solid Date Extracted: 09/22/2011 05:21
 Lab File ID: (1) vr464740.d Lab File ID: (2) vf464740.d
 Date Analyzed: (1) 09/22/2011 09:42 Date Analyzed: (2) 09/22/2011 09:42
 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 460-86887/2-A	09/22/2011 09:57	09/22/2011 09:57
SO-17338-091411-MM-09	460-31330-3	09/22/2011 10:13	09/22/2011 10:13
SO-17338-091411-MM-09 MS	460-31330-3 MS	09/22/2011 11:01	09/22/2011 11:01
SO-17338-091411-MM-09 MSD	460-31330-3 MSD	09/22/2011 11:17	09/22/2011 11:17

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-86978/4 Date Analyzed: 09/22/2011 08:30
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf464739.d Heated Purge: (Y/N) N
 Calibration ID: 12058

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				11.54		
UPPER LIMIT				11.64		
LOWER LIMIT				11.44		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86978/4		09/22/2011 08:30	vf464739.d	11.54		
MB 460-86887/1-A		09/22/2011 09:42	vf464740.d	11.57		
LCS 460-86887/2-A		09/22/2011 09:57	vf464741.d	11.56		
460-31330-3	SO-17338-091411-MM-09	09/22/2011 10:13	vf464742.d	11.55		
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 11:01	vf464745.d	11.55		
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 11:17	vf464746.d	11.55		
CCV 460-86978/13		09/22/2011 11:49	vf464748.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
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Sample No.: CCVRT 460-86978/4 Date Analyzed: 09/22/2011 08:30
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr464739.d Heated Purge: (Y/N) N
 Calibration ID: 12059

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.63		
UPPER LIMIT				10.73		
LOWER LIMIT				10.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-86978/4		09/22/2011 08:30	vr464739.d	10.63		
MB 460-86887/1-A		09/22/2011 09:42	vr464740.d	10.64		
LCS 460-86887/2-A		09/22/2011 09:57	vr464741.d	10.63		
460-31330-3	SO-17338-091411-MM-09	09/22/2011 10:13	vr464742.d	10.63		
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 11:01	vr464745.d	10.63		
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 11:17	vr464746.d	10.63		
CCV 460-86978/13		09/22/2011 11:49	vr464748.d	10.63		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MS Lab Sample ID: 460-31330-3 MS
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 09/22/2011 11:01 Date Analyzed (2): 09/22/2011 11:01
 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	
PCB-1016	1	1	2.11	2.04	2.18	503	528	1.4
		2	2.55	2.47	2.61	530		
		3	2.80	2.72	2.86	562		
		4	3.16	3.08	3.22	490		
		5	3.36	3.29	3.43	516		
		6	3.45	3.38	3.52	541		
		7	4.06	3.99	4.13	531		
		8	4.21	4.14	4.28	549		
	2	1	2.98	2.90	3.04	432	520	
		2	3.66	3.59	3.73	564		
		3	4.10	4.03	4.17	579		
		4	4.51	4.43	4.57	511		
		5	4.75	4.68	4.82	516		
		6	5.18	5.11	5.25	534		
		7	5.57	5.50	5.64	486		
		8	5.78	5.71	5.85	541		
PCB-1260	1	1	6.09	6.02	6.16	537	505	0.8
		2	6.54	6.47	6.61	518		
		3	6.98	6.91	7.05	524		
		4	7.18	7.11	7.25	500		
		5	7.62	7.55	7.69	478		
		6	8.91	8.85	8.99	454		
		7	9.01	8.94	9.08	520		
		8	9.13	9.06	9.20	510		
	2	1	7.48	7.41	7.55	542	501	
		2	7.79	7.72	7.86	518		
		3	8.26	8.19	8.33	515		
		4	9.37	9.30	9.44	520		
		5	9.49	9.42	9.56	512		
		6	9.94	9.87	10.01	537		
		7	10.30	10.23	10.37	448		
		8	11.11	11.05	11.19	418		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MSD Lab Sample ID: 460-31330-3 MSD
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 09/22/2011 11:17 Date Analyzed (2): 09/22/2011 11:17
 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	
PCB-1016	1	1	2.11	2.04	2.18	491	503	2.5
		2	2.55	2.47	2.61	510		
		3	2.80	2.72	2.86	564		
		4	3.16	3.08	3.22	482		
		5	3.36	3.29	3.43	518		
		6	3.45	3.38	3.52	518		
		7	4.07	3.99	4.13	509		
		8	4.21	4.14	4.28	435		
	2	1	2.98	2.90	3.04	423	516	
		2	3.66	3.59	3.73	563		
		3	4.10	4.03	4.17	533		
		4	4.51	4.43	4.57	502		
		5	4.75	4.68	4.82	519		
		6	5.18	5.11	5.25	558		
		7	5.57	5.50	5.64	487		
		8	5.78	5.71	5.85	544		
PCB-1260	1	1	6.09	6.02	6.16	525	490	0.3
		2	6.54	6.47	6.61	513		
		3	6.99	6.91	7.05	511		
		4	7.18	7.11	7.25	494		
		5	7.62	7.55	7.69	453		
		6	8.91	8.85	8.99	435		
		7	9.01	8.94	9.08	503		
		8	9.13	9.06	9.20	488		
	2	1	7.48	7.41	7.55	530	492	
		2	7.79	7.72	7.86	508		
		3	8.26	8.19	8.33	504		
		4	9.38	9.30	9.44	509		
		5	9.50	9.42	9.56	501		
		6	9.94	9.87	10.01	527		
		7	10.30	10.23	10.37	442		
		8	11.11	11.05	11.19	412		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86887/2-A
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 09/22/2011 09:57 Date Analyzed (2): 09/22/2011 09:57
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.11	2.04	2.18	395	419	2.3
		2	2.55	2.47	2.61	426		
		3	2.79	2.72	2.86	446		
		4	3.15	3.08	3.22	396		
		5	3.36	3.29	3.43	429		
		6	3.45	3.38	3.52	434		
		7	4.06	3.99	4.13	442		
		8	4.21	4.14	4.28	383		
	2	1	2.98	2.90	3.04	448	429	
		2	3.66	3.59	3.73	461		
		3	4.10	4.03	4.17	418		
		4	4.51	4.43	4.57	404		
		5	4.75	4.68	4.82	415		
		6	5.18	5.11	5.25	447		
		7	5.57	5.50	5.64	392		
		8	5.78	5.71	5.85	445		
PCB-1260	1	1	6.09	6.02	6.16	432	405	1.0
		2	6.54	6.47	6.61	415		
		3	6.99	6.91	7.05	390		
		4	7.18	7.11	7.25	415		
		5	7.62	7.55	7.69	364		
		6	8.92	8.85	8.99	317		
		7	9.01	8.94	9.08	463		
		8	9.13	9.06	9.20	442		
	2	1	7.48	7.41	7.55	436	401	
		2	7.79	7.72	7.86	414		
		3	8.26	8.19	8.33	394		
		4	9.38	9.30	9.44	418		
		5	9.50	9.42	9.56	401		
		6	9.94	9.87	10.01	435		
		7	10.31	10.23	10.37	370		
		8	11.12	11.05	11.19	341		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: SO-17338-091411-MM-09 Lab Sample ID: 460-31330-3
Matrix: Solid Lab File ID: vf464742.d
Analysis Method: 8082 Date Collected: 09/14/2011 14:00
Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 10:13
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.: 86978 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: vf464742.d
Report Date: 22-Sep-2011 12:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464742.d
Lab Smp Id: 460-31330-E-3-C Client Smp ID: SO-17338-091411-MM-
Inj Date : 22-SEP-2011 10:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-31330-E-3-C
Misc Info : 460-31330-E-3-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	14.88971	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
11.548	11.560	-0.012	4937145	59.7660	47 80.00- 120.00	100.00

Data File: vf464742.d

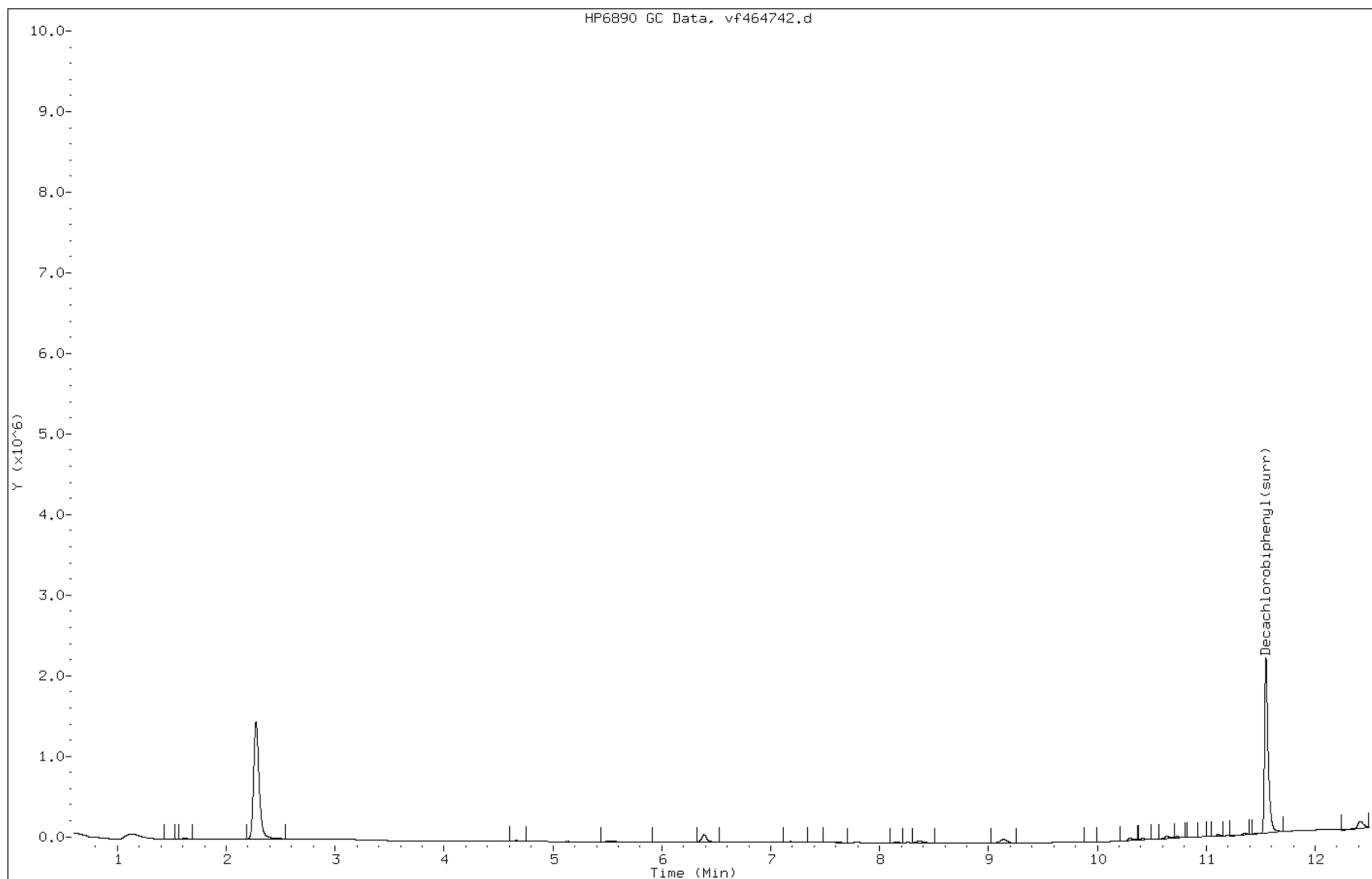
Date: 22-SEP-2011 10:13

Client ID: S0-17338-091411-MM-

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 Lab Sample ID: 460-31330-3
 Matrix: Solid Lab File ID: vr464742.d
 Analysis Method: 8082 Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 10:13
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	79	U	79	15
11104-28-2	PCB-1221	79	U	79	24
11141-16-5	PCB-1232	79	U	79	45
53469-21-9	PCB-1242	79	U	79	15
12672-29-6	PCB-1248	79	U	79	21
11097-69-1	PCB-1254	79	U	79	27
11096-82-5	PCB-1260	79	U	79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464742.d
Lab Smp Id: 460-31330-E-3-C Client Smp ID: SO-17338-091411-MM-
Inj Date : 22-SEP-2011 10:13
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-31330-E-3-C
Misc Info : 460-31330-E-3-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
Meth Date : 22-Sep-2011 12:38 shanthi Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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	14.88971	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.632	10.634	-0.002	8447462	68.7059	54 80.00- 120.00	100.00

Data File: vr464742.d

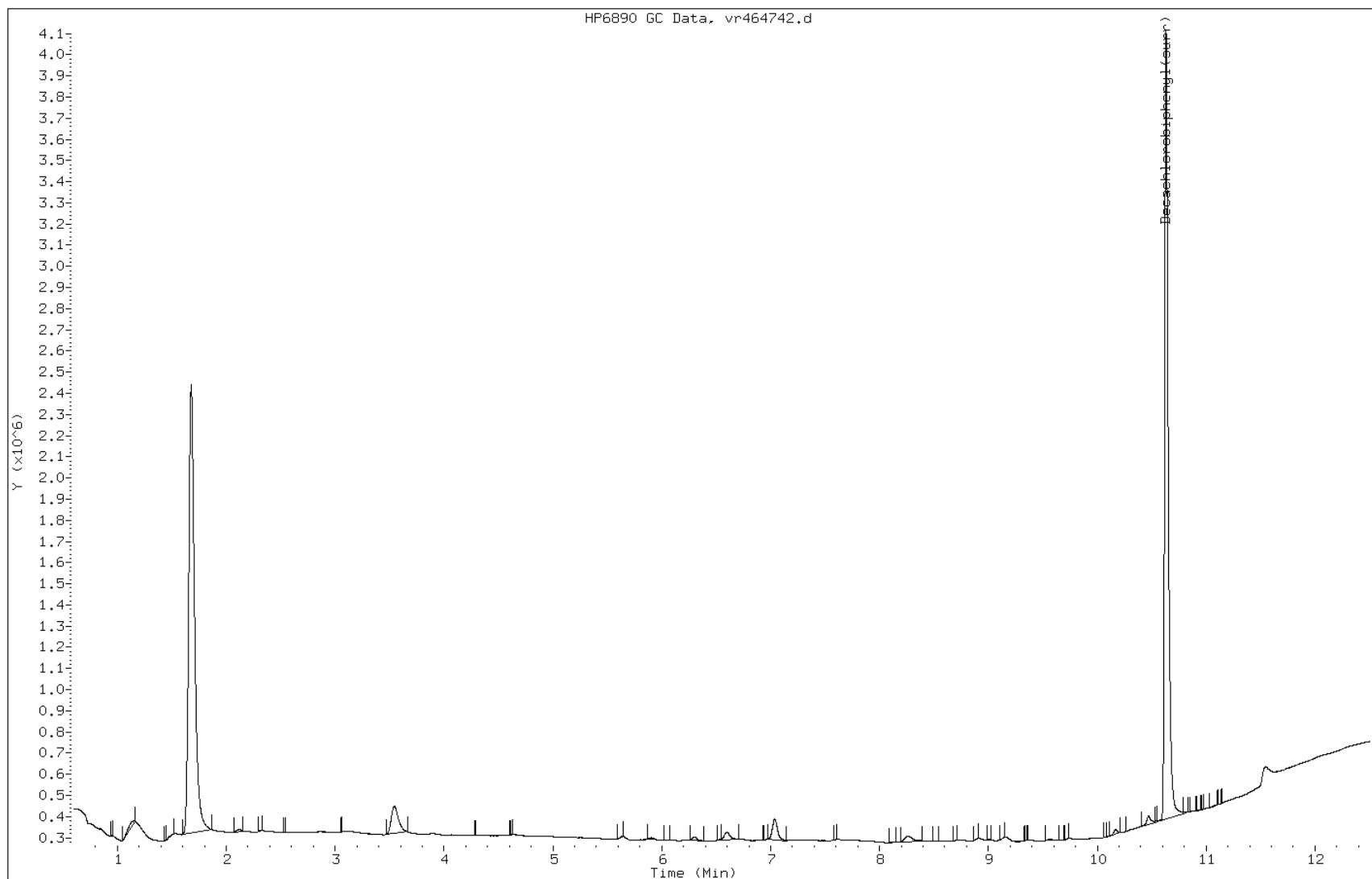
Date: 22-SEP-2011 10:13

Client ID: S0-17338-091411-MM-

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-C

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.968	2.965	2.965	2.964	2.967	2.968					2.914 - 3.054	2.966
PCB-1016 Peak 2	3.655	3.651	3.652	3.651	3.654	3.655					3.604 - 3.744	3.653
PCB-1016 Peak 3	4.097	4.094	4.095	4.095	4.097	4.099					4.043 - 4.183	4.096
PCB-1016 Peak 4	4.497	4.495	4.495	4.495	4.497	4.498					4.446 - 4.586	4.496
PCB-1016 Peak 5	4.742	4.742	4.740	4.740	4.742	4.743					4.690 - 4.830	4.742
PCB-1016 Peak 6	5.179	5.178	5.177	5.177	5.179	5.180					5.123 - 5.263	5.178
PCB-1016 Peak 7	5.565	5.565	5.564	5.565	5.567	5.567					5.510 - 5.650	5.566
PCB-1016 Peak 8	5.773	5.775	5.773	5.775	5.777	5.778					5.722 - 5.862	5.775
PCB-1260 Peak 1	7.478	7.481	7.478	7.479	7.481	7.480					7.421 - 7.561	7.479
PCB-1260 Peak 2	7.792	7.794	7.791	7.793	7.794	7.795					7.735 - 7.875	7.793
PCB-1260 Peak 3	8.259	8.262	8.258	8.259	8.261	8.260					8.205 - 8.345	8.260
PCB-1260 Peak 4	9.378	9.380	9.378	9.380	9.381	9.380					9.322 - 9.462	9.380
PCB-1260 Peak 5	9.497	9.502	9.498	9.500	9.501	9.500					9.441 - 9.581	9.500
PCB-1260 Peak 6	9.942	9.945	9.943	9.944	9.945	9.945					9.882 - 10.022	9.944
PCB-1260 Peak 7	10.305	10.307	10.305	10.306	10.307	10.306					10.243 - 10.383	10.306
PCB-1260 Peak 8	11.115	11.115	11.118	11.114	11.117	11.116					11.052 - 11.192	11.116
DCB Decachlorobiphenyl	11.555	11.554	11.559	11.550	11.557	11.555					11.458 - 11.658	11.555

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	2639.4 2161.4	2115.2 2010.0	2538.9	2179.0	Ave		2126.02763				6.7		20.0			
PCB-1016 Peak 2	4668.5 4563.9	3971.0 4320.7	5225.2	4578.4	Ave		4257.88188				4.7		20.0			
PCB-1016 Peak 3	1999.1 1929.7	1717.9 1946.5	2119.0	1895.0	Ave		1893.07680				4.1		20.0			
PCB-1016 Peak 4	10326 8648.2	8988.6 8249.4	9816.6	8708.0	Ave		8895.63749				8.7		20.0			
PCB-1016 Peak 5	3967.4 3893.1	4222.7 3769.6	4314.7	3906.4	Ave		4087.23531				12.7		20.0			
PCB-1016 Peak 6	2620.2 2307.2	1917.5 2194.0	2740.7	2323.3	Ave		2333.08161				6.7		20.0			
PCB-1016 Peak 7	4045.2 2635.0	2521.8 2649.4	3132.5	2664.4	Ave		2951.32897				16.8		20.0			
PCB-1016 Peak 8	2459.6 2824.6	2097.8 2805.6	2851.4	2618.1	Ave		2635.80041				6.1		20.0			
PCB-1260 Peak 1	3609.0 2978.5	3088.8 2772.0	3284.5	3122.2	Ave		3023.11756				6.2		20.0			
PCB-1260 Peak 2	7843.7 6130.6	6766.7 5670.0	6899.0	6484.0	Ave		6400.60169				10.2		20.0			
PCB-1260 Peak 3	9429.5 7333.4	8165.3 6827.0	8339.1	7772.5	Ave		7684.48328				7.7		20.0			
PCB-1260 Peak 4	5063.0 5265.4	4364.1 4953.3	5121.6	5067.1	Ave		5236.41215				5.2		20.0			
PCB-1260 Peak 5	2133.6 2886.7	1816.2 2746.5	2570.6	2653.5	Ave		2755.37428				5.4		20.0			
PCB-1260 Peak 6	5303.5 4865.0	4553.0 4638.6	4729.6	4749.3	Ave		4654.60973				7.5		20.0			
PCB-1260 Peak 7	10621 9971.2	9101.8 9443.9	10311	10008	Ave		11057.2371				18.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4624.2 2594.5	3809.1 2429.4	3166.2	2794.3	Ave		2712.88695				8.3		20.0			
DCB Decachlorobiphenyl	91451 75835	78480 71674	87278	77793	Ave		82607.8667				6.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vf463923.d
Level 2	IC 460-84689/5	vf463924.d
Level 3	IC 460-84689/6	vf463925.d
Level 4	IC 460-84689/7	vf463926.d
Level 5	IC 460-84689/8	vf463927.d
Level 6	IC 460-84689/9	vf463928.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	263944 5024951	211517	1269474	2179010	3242108	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	466845 10801851	397103	2612590	4578374	6845826	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	199913 4866247	171788	1059507	1894967	2894506	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	1032595 20623586	898861	4908297	8708026	12972332	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	396742 9423902	422266	2157356	3906353	5839713	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	262015 5484911	191752	1370357	2323316	3460874	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	404519 6623441	252181	1566237	2664415	3952466	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	245957 7013954	209778	1425723	2618138	4236857	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	360898 6930065	308882	1642272	3122174	4467823	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	784367 14174989	676666	3449504	6483997	9195914	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	942948 17067443	816526	4169567	7772539	11000155	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	506303 12383217	436408	2560800	5067132	7898108	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	213362 6866184	181617	1285319	2653470	4330008	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	530354 11596421	455296	2364809	4749250	7297425	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	1062069 23609632	910179	5155684	10007797	14956725	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	462423 6073440	380906	1583113	2794299	3891679	100 2500	100	500	1000	1500

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12058

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
DCB Decachlorobiphenyl	Ave	2286279 14334705	1962000	4363907	7779292	11375283	25.0 200	25.0	50.0	100	150

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463923.d
Lab Smp Id: IC SG1660L1_00009
Inj Date : 30-AUG-2011 15:06
Operator : 615
Smp Info : ic SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.968	2.984	-0.016	263944	100.000	120	80.00-	120.00	100.00	
3.655	3.674	-0.019	466845	100.000	110	146.15-	219.22	176.87	
4.097	4.113	-0.016	199913	100.000	100	71.56-	107.35	75.74	
4.497	4.516	-0.019	1032595	100.000	120	290.12-	435.18	391.22	
4.742	4.760	-0.018	396742	100.000	97	137.40-	206.10	150.31	
5.179	5.193	-0.014	262015	100.000	110	84.14-	126.21	99.27	
5.565	5.580	-0.015	404519	100.000	140	95.53-	143.30	153.26	
5.773	5.792	-0.019	245957	100.000	93	101.77-	152.65	93.19	
Average of Peak Amounts =					112				

27 Aroclor-1260					CAS #: 11096-82-5				
7.478	7.491	-0.013	360898	100.000	120	80.00-	120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.792	7.805	-0.013	784367	100.000	120	156.84- 235.26	217.34	
8.259	8.275	-0.016	942948	100.000	120	190.34- 285.50	261.28	
9.378	9.392	-0.014	506303	100.000	97	138.18- 207.27	140.29	
9.497	9.511	-0.014	213362	100.000	77	76.13- 114.19	59.12	
9.942	9.952	-0.010	530354	100.000	110	127.92- 191.88	146.95	
10.305	10.313	-0.008	1062069	100.000	96	280.48- 420.71	294.29	
11.115	11.122	-0.007	462423	100.000	170	65.64- 98.46	128.13	
Average of Peak Amounts =					115			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.555	11.558	-0.003	2286279	25.0000	28	80.00- 120.00	100.00	

Data File: vf463923.d

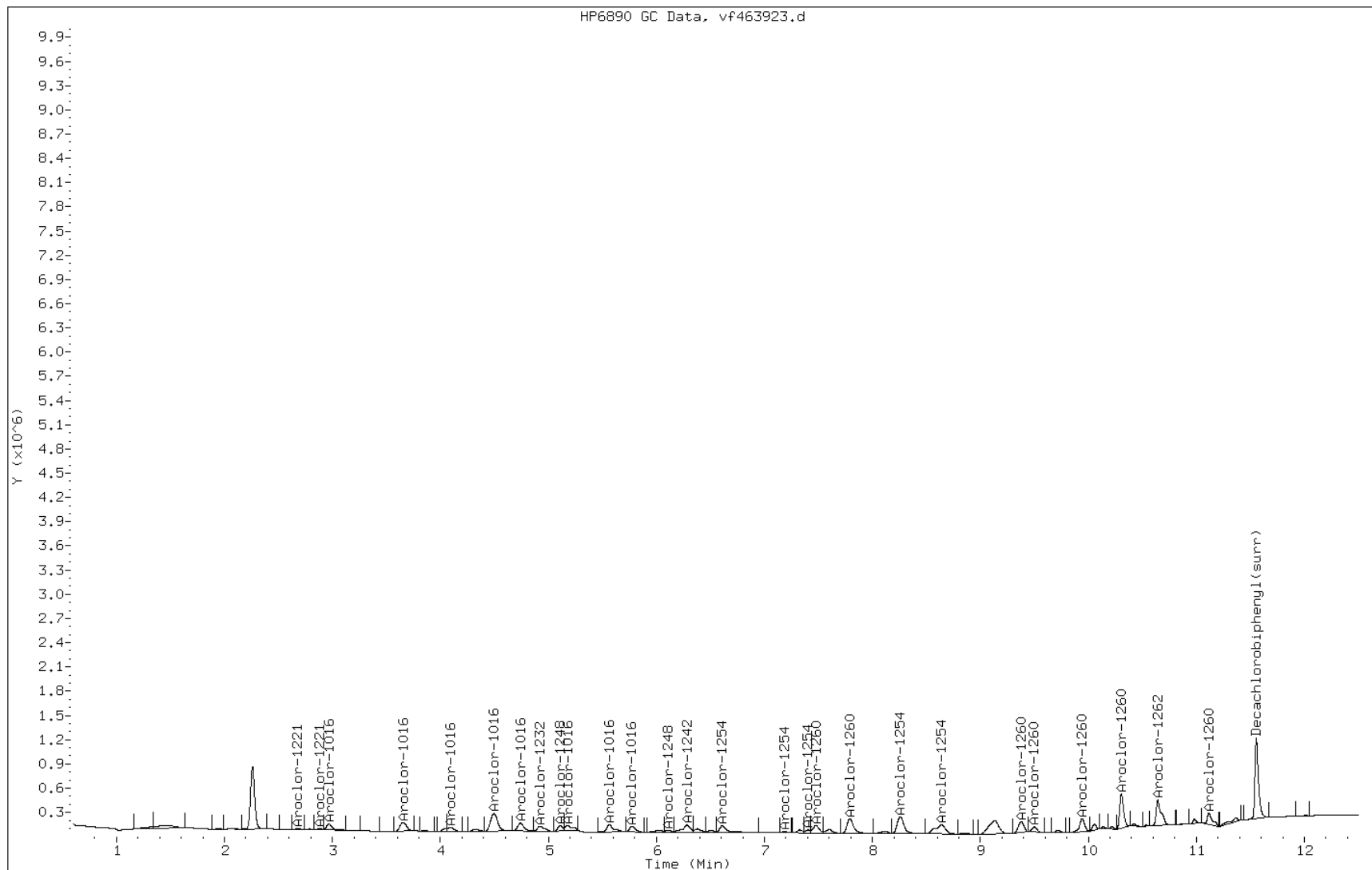
Date: 30-AUG-2011 15:06

Client ID:

Instrument: PESTGC9.i

Sample Info: ic SG1660L1_00009

Operator: 615



Data File: vf463924.d
Report Date: 30-Aug-2011 23:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463924.d
Lab Smp Id: IC SG1660L1_00009
Inj Date : 30-AUG-2011 15:22
Operator : 615
Smp Info : SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 30-AUG-2011 15:22
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463924.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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								
RT	EXP RT	DLT RT	RESPONSE	CAL - AMT (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2			
2.965	2.984	-0.019	211517	100.000	100	80.00- 120.00	100.00(M)	
3.651	3.674	-0.023	397103	100.000	94	146.15- 219.22	187.74	
4.094	4.113	-0.019	171788	100.000	92	71.56- 107.35	81.22	
4.495	4.516	-0.021	898861	100.000	100	290.12- 435.18	424.96	
4.742	4.760	-0.018	422266	100.000	110	137.40- 206.10	199.64	
5.178	5.193	-0.015	191752	100.000	86	84.14- 126.21	90.66	
5.565	5.580	-0.015	252181	100.000	87	95.53- 143.30	119.23	
5.775	5.792	-0.017	209778	100.000	81	101.77- 152.65	99.18	
Average of Peak Amounts =					93.8			

27 Aroclor-1260					CAS #: 11096-82-5			
7.481	7.491	-0.010	308882	100.000	100	80.00- 120.00	100.00	

Data File: vf463924.d
 Report Date: 30-Aug-2011 23:33

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT	ON-COL	TARGET	RANGE	RATIO	
				(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.793	7.805	-0.012	676666	100.000	110	156.84-	235.26	219.07	
8.262	8.275	-0.013	816526	100.000	110	190.34-	285.50	264.35	
9.380	9.392	-0.012	436408	100.000	87	138.18-	207.27	141.29	
9.502	9.511	-0.009	181617	100.000	70	76.13-	114.19	58.80	
9.945	9.952	-0.007	455296	100.000	96	127.92-	191.88	147.40	
10.307	10.313	-0.006	910179	100.000	92	280.48-	420.71	294.67	
11.115	11.122	-0.007	380906	100.000	130	65.64-	98.46	123.32	
Average of Peak Amounts =					98.8				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.554	11.558	-0.004	1962000	25.0000	24	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463924.d

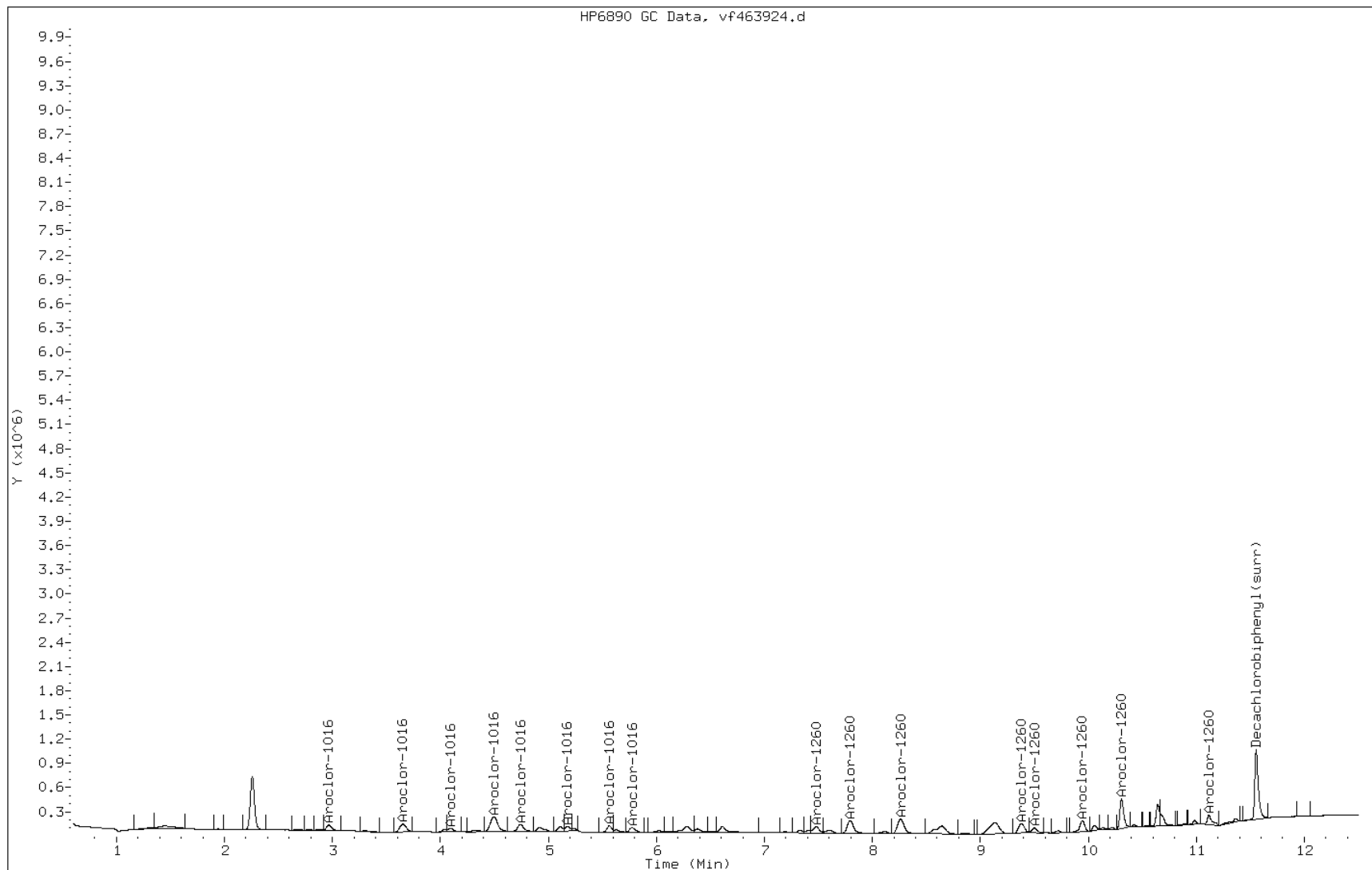
Date: 30-AUG-2011 15:22

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1660L1_00009

Operator: 615



Data File: vf463925.d
Report Date: 30-Aug-2011 23:33

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463925.d
Lab Smp Id: IC SG1660L2_00009
Inj Date : 30-AUG-2011 15:38
Operator : 615
Smp Info : IC SG1660L2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 30-AUG-2011 15:38
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463925.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.965	2.984	-0.019	1269474	500.000	580	80.00-	120.00	100.00(M)	
3.652	3.674	-0.022	2612590	500.000	590	146.15-	219.22	205.80	
4.095	4.113	-0.018	1059507	500.000	550	71.56-	107.35	83.46	
4.495	4.516	-0.021	4908297	500.000	550	290.12-	435.18	386.64	
4.740	4.760	-0.020	2157356	500.000	530	137.40-	206.10	169.94	
5.177	5.193	-0.016	1370357	500.000	580	84.14-	126.21	107.95	
5.564	5.580	-0.016	1566237	500.000	520	95.53-	143.30	123.38	
5.773	5.792	-0.019	1425723	500.000	540	101.77-	152.65	112.31	
Average of Peak Amounts =					555				

27 Aroclor-1260					CAS #: 11096-82-5				
7.478	7.491	-0.013	1642272	500.000	540	80.00-	120.00	100.00	

Data File: vf463925.d
 Report Date: 30-Aug-2011 23:33

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)									
7.791	7.805	-0.014	3449504	500.000	540	156.84- 235.26	210.04		
8.258	8.275	-0.017	4169567	500.000	540	190.34- 285.50	253.89		
9.378	9.392	-0.014	2560800	500.000	500	138.18- 207.27	155.93		
9.498	9.511	-0.013	1285319	500.000	480	76.13- 114.19	78.26		
9.943	9.952	-0.009	2364809	500.000	510	127.92- 191.88	144.00		
10.305	10.313	-0.008	5155684	500.000	470	280.48- 420.71	313.94		
11.118	11.122	-0.004	1583113	500.000	580	65.64- 98.46	96.40		
Average of Peak Amounts =					518				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.559	11.558	0.001	4363907	50.0000	53	80.00- 120.00	100.00		

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463925.d

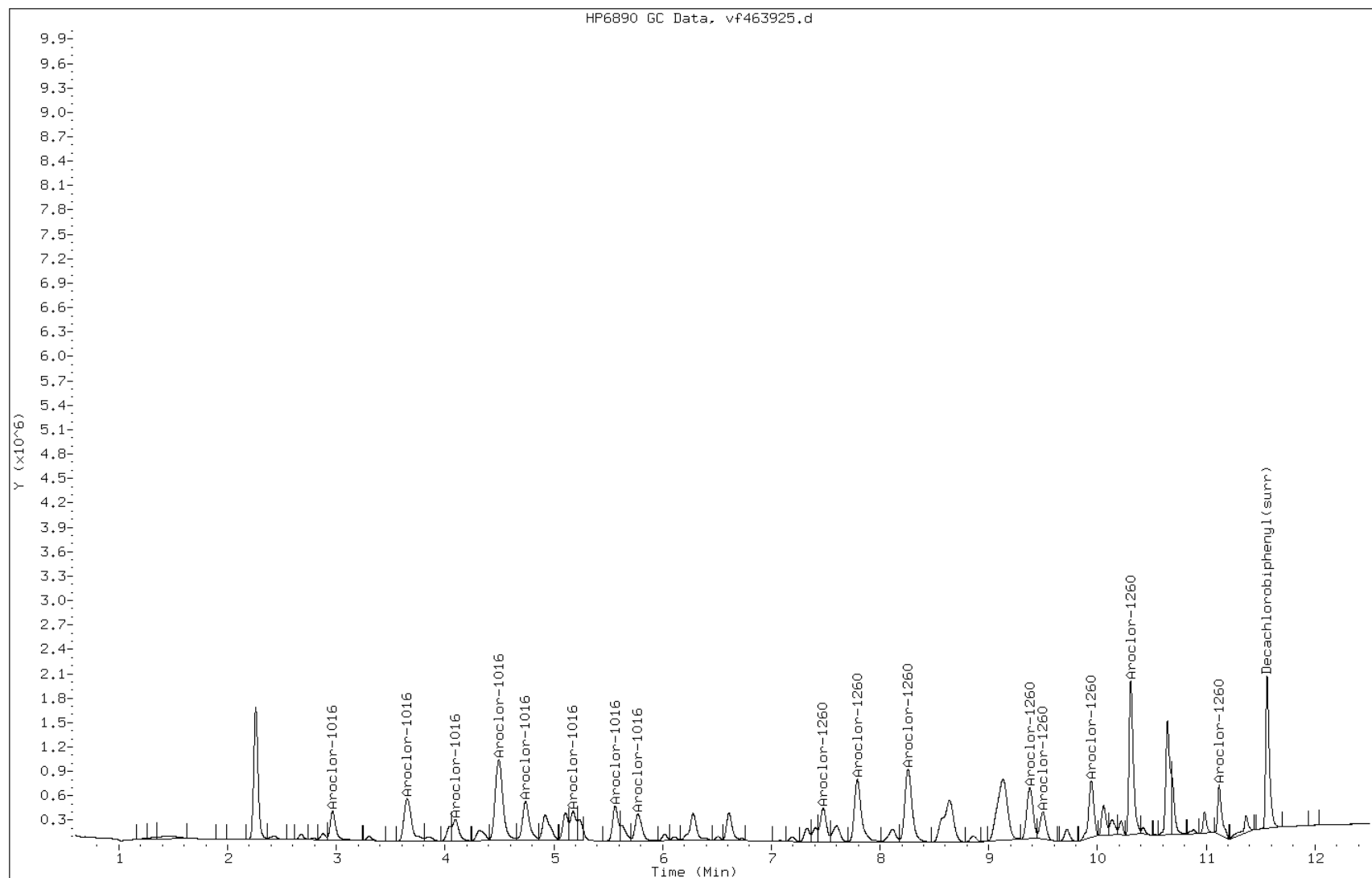
Date: 30-AUG-2011 15:38

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L2_00009

Operator: 615



Data File: vf463926.d
Report Date: 30-Aug-2011 23:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463926.d
Lab Smp Id: IC SG1660L3_00010
Inj Date : 30-AUG-2011 15:54
Operator : 615
Smp Info : IC SG1660L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.964	2.984	-0.020	2179010	1000.00	1000	80.00-	120.00	100.00(M)	
3.651	3.674	-0.023	4578374	1000.00	1000	146.15-	219.22	210.11	
4.095	4.113	-0.018	1894967	1000.00	1000	71.56-	107.35	86.96	
4.495	4.516	-0.021	8708026	1000.00	980	290.12-	435.18	399.63	
4.740	4.760	-0.020	3906353	1000.00	950	137.40-	206.10	179.27	
5.177	5.193	-0.016	2323316	1000.00	990	84.14-	126.21	106.62	
5.565	5.580	-0.015	2664415	1000.00	900	95.53-	143.30	180.58	
5.775	5.792	-0.017	2618138	1000.00	990	101.77-	152.65	120.15	
Average of Peak Amounts =					986				

27 Aroclor-1260					CAS #: 11096-82-5				
7.479	7.491	-0.012	3122174	1000.00	1000	80.00-	120.00	100.00	

Data File: vf463926.d
 Report Date: 30-Aug-2011 23:34

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.793	7.805	-0.012	6483997	1000.00	1000	156.84-	235.26	207.68	
8.259	8.275	-0.016	7772539	1000.00	1000	190.34-	285.50	248.95	
9.380	9.392	-0.012	5067132	1000.00	980	138.18-	207.27	162.29	
9.500	9.511	-0.011	2653470	1000.00	980	76.13-	114.19	84.99	
9.944	9.952	-0.008	4749250	1000.00	1000	127.92-	191.88	152.11	
10.306	10.313	-0.007	10007797	1000.00	910	280.48-	420.71	320.54	
11.114	11.122	-0.008	2794299	1000.00	1000	65.64-	98.46	89.50	
Average of Peak Amounts =					998				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.550	11.558	-0.008	7779292	100.000	95	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463926.d

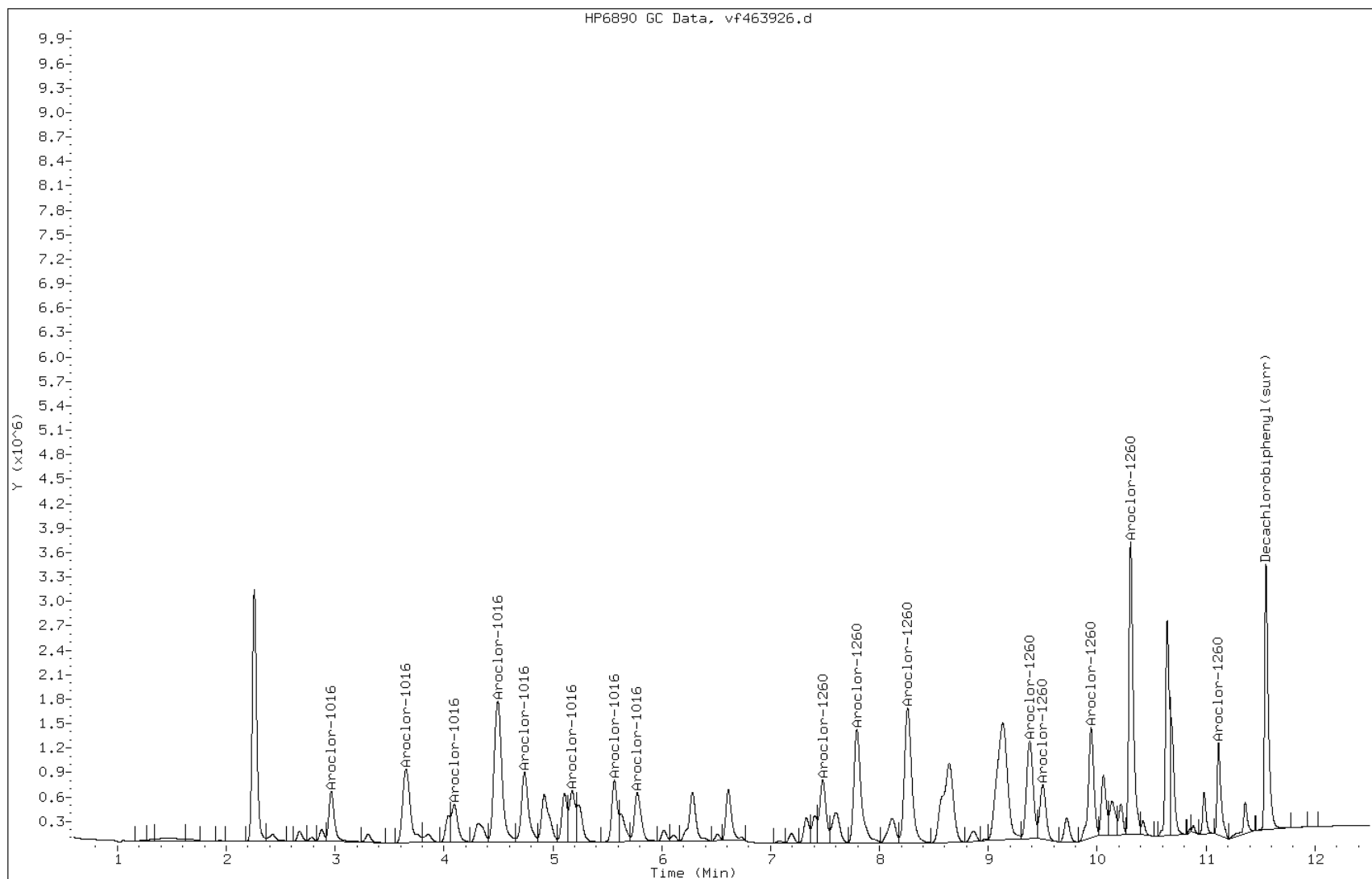
Date: 30-AUG-2011 15:54

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L3_00010

Operator: 615



Data File: vf463927.d
Report Date: 30-Aug-2011 23:34

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463927.d
Lab Smp Id: IC SG1660L4_00010
Inj Date : 30-AUG-2011 16:10
Operator : 615
Smp Info : IC SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 30-AUG-2011 16:10
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463927.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.967	2.984	-0.017	3242108	1500.00	1500	80.00-	120.00	100.00(M)	
3.654	3.674	-0.020	6845826	1500.00	1600	146.15-	219.22	211.15	
4.097	4.113	-0.016	2894506	1500.00	1500	71.56-	107.35	89.28	
4.497	4.516	-0.019	12972332	1500.00	1400	290.12-	435.18	400.12	
4.742	4.760	-0.018	5839713	1500.00	1400	137.40-	206.10	180.12	
5.179	5.193	-0.014	3460874	1500.00	1500	84.14-	126.21	106.75	
5.567	5.580	-0.013	3952466	1500.00	1300	95.53-	143.30	121.91	
5.777	5.792	-0.015	4236857	1500.00	1600	101.77-	152.65	130.68	
Average of Peak Amounts =					1.49e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.481	7.491	-0.010	4467823	1500.00	1500	80.00-	120.00	100.00	

Data File: vf463927.d
 Report Date: 30-Aug-2011 23:34

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.794	7.805	-0.011	9195914	1500.00	1400	156.84-	235.26	205.83	
8.261	8.275	-0.014	11000155	1500.00	1400	190.34-	285.50	246.21	
9.381	9.392	-0.011	7898108	1500.00	1500	138.18-	207.27	176.78	
9.501	9.511	-0.010	4330008	1500.00	1500	76.13-	114.19	96.92	
9.945	9.952	-0.007	7297425	1500.00	1500	127.92-	191.88	163.33	
10.307	10.313	-0.006	14956725	1500.00	1300	280.48-	420.71	334.77	
11.117	11.122	-0.005	3891679	1500.00	1400	65.64-	98.46	87.10	
Average of Peak Amounts =					1.46e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.557	11.558	-0.001	11375283	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463927.d

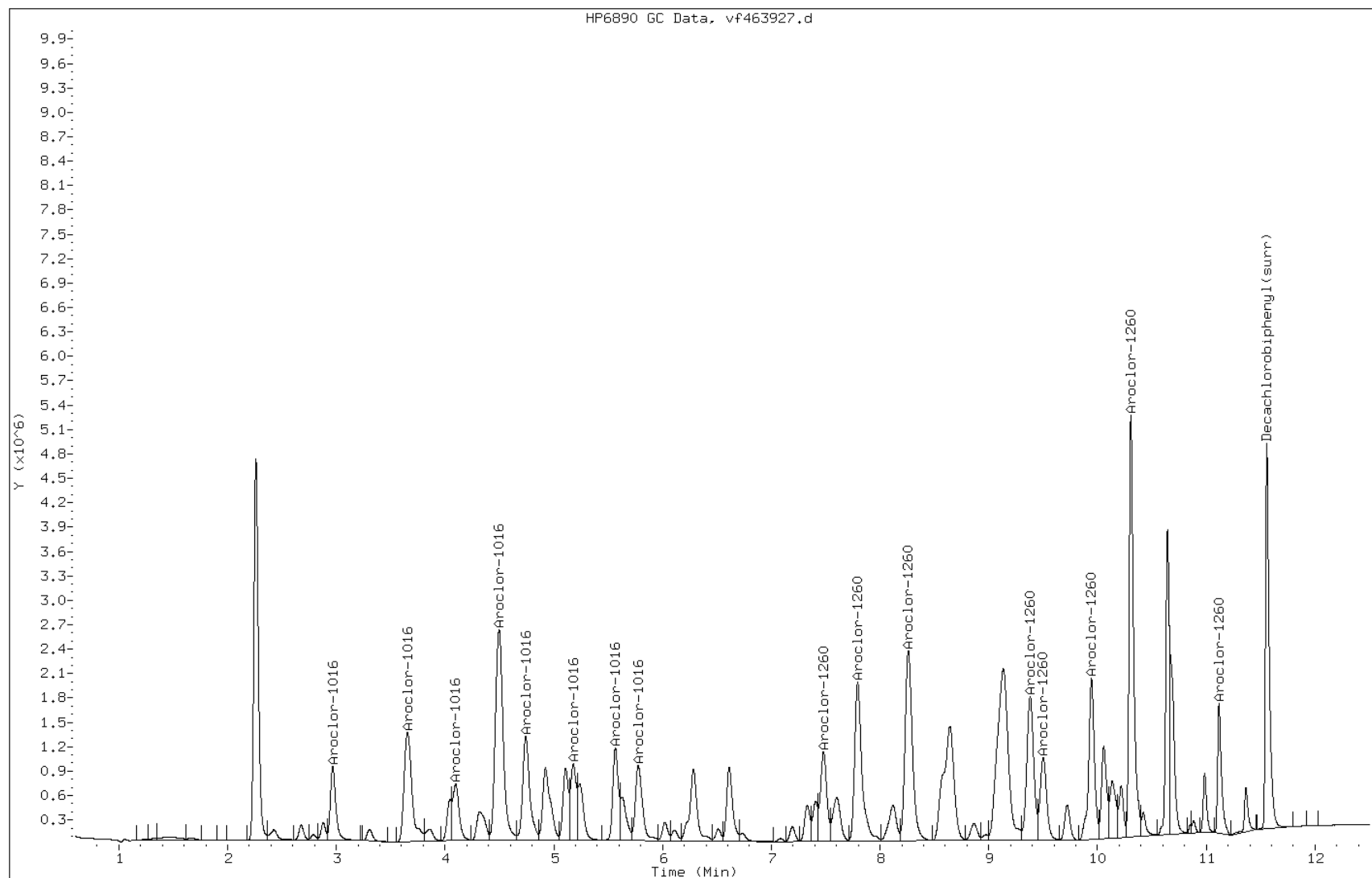
Date: 30-AUG-2011 16:10

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L4_00010

Operator: 615



Data File: vf463928.d
Report Date: 30-Aug-2011 23:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463928.d
Lab Smp Id: IC SG1660L5_00010
Inj Date : 30-AUG-2011 16:26
Operator : 615
Smp Info : IC SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.968	2.984	-0.016	5024951	2500.00	2300	80.00-	120.00	100.00	
3.655	3.674	-0.019	10801851	2500.00	2500	146.15-	219.22	214.96	
4.099	4.113	-0.014	4866247	2500.00	2500	71.56-	107.35	96.84	
4.498	4.516	-0.018	20623586	2500.00	2300	290.12-	435.18	410.42	
4.743	4.760	-0.017	9423902	2500.00	2300	137.40-	206.10	187.54	
5.180	5.193	-0.013	5484911	2500.00	2300	84.14-	126.21	109.15	
5.567	5.580	-0.013	6623441	2500.00	2400	95.53-	143.30	131.81	
5.778	5.792	-0.014	7013954	2500.00	2600	101.77-	152.65	139.58	
Average of Peak Amounts =					2.43e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.480	7.491	-0.011	6930065	2500.00	2300	80.00-	120.00	100.00	

Data File: vf463928.d
 Report Date: 30-Aug-2011 23:35

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.795	7.805	-0.010	14174989	2500.00	2200	156.84-	235.26	204.54	
8.260	8.275	-0.015	17067443	2500.00	2200	190.34-	285.50	246.28	
9.380	9.392	-0.012	12383217	2500.00	2400	138.18-	207.27	178.69	
9.500	9.511	-0.011	6866184	2500.00	2500	76.13-	114.19	99.08	
9.945	9.952	-0.007	11596421	2500.00	2500	127.92-	191.88	167.33	
10.306	10.313	-0.007	23609632	2500.00	2100	280.48-	420.71	340.68	
11.116	11.122	-0.006	6073440	2500.00	2300	65.64-	98.46	87.64	
Average of Peak Amounts =					2.32e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.555	11.558	-0.003	14334705	200.000	180	80.00-	120.00	100.00	

Data File: vf463928.d

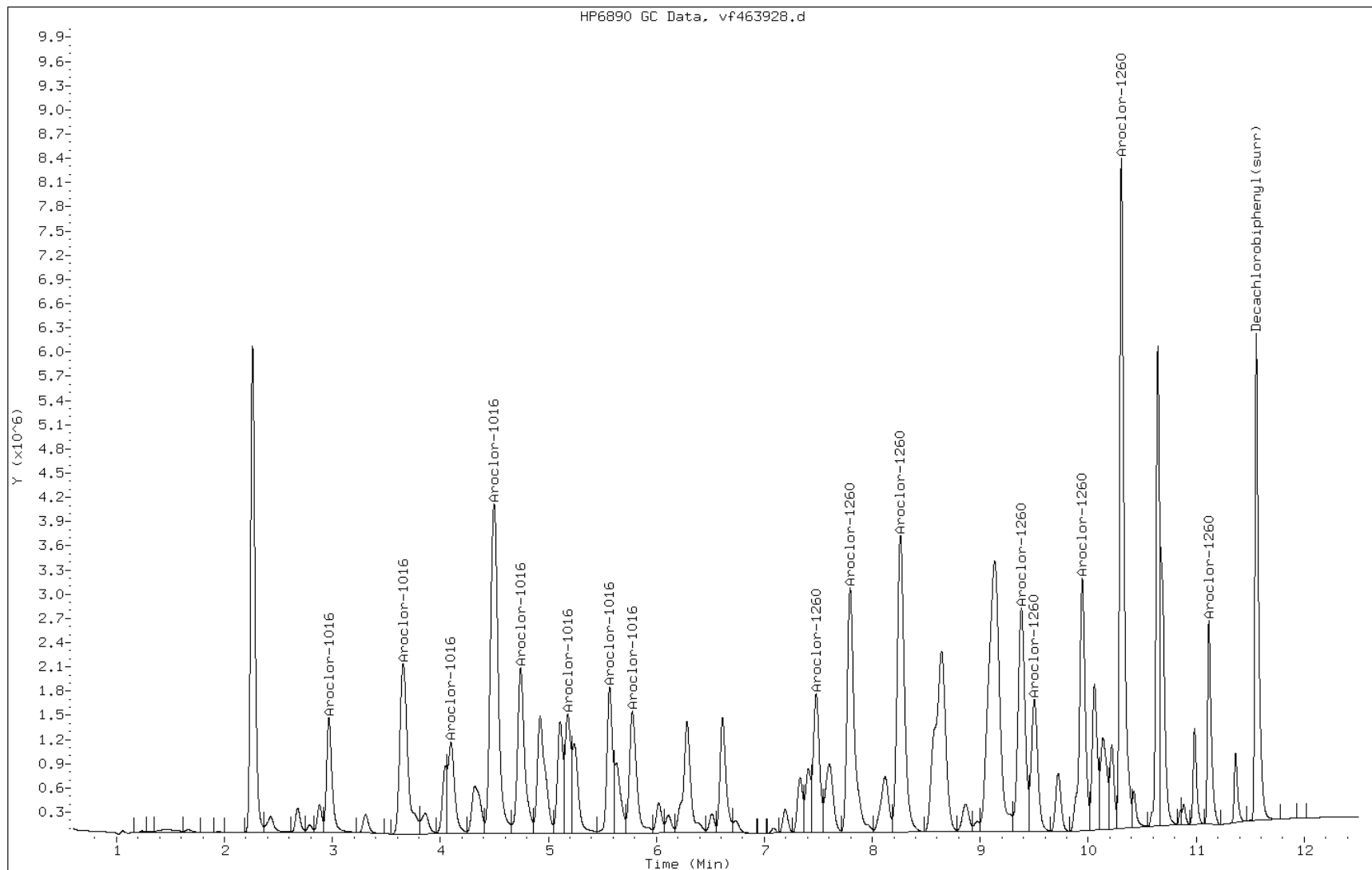
Date: 30-AUG-2011 16:26

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L5_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.096	2.094	2.094	2.095	2.096	2.095					2.028 - 2.168	2.095
PCB-1016 Peak 2	2.536	2.534	2.535	2.535	2.537	2.537					2.469 - 2.609	2.536
PCB-1016 Peak 3	2.785	2.786	2.786	2.785	2.788	2.788					2.719 - 2.859	2.787
PCB-1016 Peak 4	3.145	3.143	3.142	3.141	3.143	3.143					3.077 - 3.217	3.143
PCB-1016 Peak 5	3.347	3.344	3.345	3.344	3.346	3.346					3.280 - 3.420	3.345
PCB-1016 Peak 6	3.443	3.442	3.441	3.440	3.444	3.444					3.377 - 3.517	3.442
PCB-1016 Peak 7	4.059	4.054	4.055	4.055	4.057	4.058					3.990 - 4.130	4.056
PCB-1016 Peak 8	4.208	4.204	4.203	4.204	4.205	4.205					4.139 - 4.279	4.205
PCB-1260 Peak 1	6.089	6.089	6.087	6.088	6.089	6.089					6.021 - 6.161	6.088
PCB-1260 Peak 2	6.542	6.543	6.541	6.541	6.542	6.541					6.474 - 6.614	6.542
PCB-1260 Peak 3	6.986	6.988	6.985	6.986	6.987	6.985					6.920 - 7.060	6.986
PCB-1260 Peak 4	7.183	7.184	7.183	7.184	7.185	7.184					7.117 - 7.257	7.184
PCB-1260 Peak 5	7.620	7.623	7.620	7.622	7.622	7.622					7.555 - 7.695	7.622
PCB-1260 Peak 6	8.922	8.925	8.922	8.924	8.923	8.922					8.859 - 8.999	8.923
PCB-1260 Peak 7	9.018	9.022	9.018	9.023	9.023	9.024					8.955 - 9.095	9.021
PCB-1260 Peak 8	9.138	9.141	9.137	9.141	9.142	9.142					9.075 - 9.215	9.140
DCB Decachlorobiphenyl	10.636	10.636	10.636	10.636	10.637	10.636					10.538 - 10.738	10.636

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	4061.3 3639.3	3259.9 3250.3	4296.9	3711.9	Ave		3631.64213				11.8		20.0			
PCB-1016 Peak 2	7216.2 6203.2	6577.4 5705.5	7024.4	6216.4	Ave		6345.38539				7.7		20.0			
PCB-1016 Peak 3	4488.8 3802.4	4994.9 3561.7	4166.3	3756.9	Ave		4056.43995				14.0		20.0			
PCB-1016 Peak 4	14775 13623	15600 12866	15445	13597	Ave		14226.2328				8.6		20.0			
PCB-1016 Peak 5	4090.7 5388.2	5230.7 5145.5	5899.9	5317.3	Ave		5396.30779				5.5		20.0			
PCB-1016 Peak 6	1431.3 3641.5	2429.3 3651.0	3958.7	3579.4	Ave		3451.98735				17.1		20.0			
PCB-1016 Peak 7	5394.3 5219.4	5044.9 4229.4	5597.4	5073.5	Ave		5032.90349				9.9		20.0			
PCB-1016 Peak 8	2233.0 2620.2	2208.7 2553.3	2628.1	2450.7	Ave		2492.21319				7.0		20.0			
PCB-1260 Peak 1	8879.5 8150.8	8511.9 7633.2	8779.1	8173.1	Ave		8249.61748				5.2		20.0			
PCB-1260 Peak 2	18203 15435	16015 14506	17052	15981	Ave		15797.8946				5.9		20.0			
PCB-1260 Peak 3	14932 14308	13602 13578	15156	14586	Ave		14246.0824				4.7		20.0			
PCB-1260 Peak 4	7636.7 7962.4	7512.0 7621.1	8409.4	8083.3	Ave		7917.64611				4.6		20.0			
PCB-1260 Peak 5	7914.4 7122.0	7641.8 6848.3	7424.3	7198.5	Ave		7246.98691				4.2		20.0			
PCB-1260 Peak 6	8000.1 8319.8	7038.1 8248.1	8244.8	8423.2	Ave		8054.79977				7.1		20.0			
PCB-1260 Peak 7	4819.8 5022.0	4253.1 4710.6	4944.8	4959.3	Ave		4777.95791				6.6		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4813.9 5894.1	4400.4 5637.2	5567.1	5721.7	Ave		5444.11255				10.9		20.0			
DCB Decachlorobiphenyl	132806 123451	117016 117139	131062	126087	Ave		122950.966				4.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/4	vr463923.d
Level 2	IC 460-84689/5	vr463924.d
Level 3	IC 460-84689/6	vr463925.d
Level 4	IC 460-84689/7	vr463926.d
Level 5	IC 460-84689/8	vr463927.d
Level 6	IC 460-84689/9	vr463928.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	406125 8125680	325992	2148441	3711878	5458888	100 2500	100	500	1000	1500
PCB-1016 Peak 2	Ave	721624 14263704	657739	3512211	6216396	9304856	100 2500	100	500	1000	1500
PCB-1016 Peak 3	Ave	448882 8904181	499486	2083156	3756910	5703668	100 2500	100	500	1000	1500
PCB-1016 Peak 4	Ave	1477510 32164927	1559999	7722530	13597377	20434149	100 2500	100	500	1000	1500
PCB-1016 Peak 5	Ave	409066 12863629	523065	2949967	5317324	8082269	100 2500	100	500	1000	1500
PCB-1016 Peak 6	Ave	143132 9127571	242932	1979343	3579367	5462303	100 2500	100	500	1000	1500
PCB-1016 Peak 7	Ave	539430 10573392	504487	2798688	5073472	7829164	100 2500	100	500	1000	1500
PCB-1016 Peak 8	Ave	223302 6383269	220869	1314071	2450687	3930359	100 2500	100	500	1000	1500
PCB-1260 Peak 1	Ave	887948 19083086	851185	4389544	8173105	12226215	100 2500	100	500	1000	1500
PCB-1260 Peak 2	Ave	1820273 36265952	1601518	8526129	15980941	23152070	100 2500	100	500	1000	1500
PCB-1260 Peak 3	Ave	1493210 33946035	1360246	7578064	14585854	21461334	100 2500	100	500	1000	1500
PCB-1260 Peak 4	Ave	763672 19052673	751198	4204716	8083320	11943644	100 2500	100	500	1000	1500
PCB-1260 Peak 5	Ave	791440 17120873	764181	3712169	7198462	10682963	100 2500	100	500	1000	1500
PCB-1260 Peak 6	Ave	800008 20620323	703807	4122403	8423183	12479716	100 2500	100	500	1000	1500
PCB-1260 Peak 7	Ave	481978 11776493	425312	2472375	4959273	7533074	100 2500	100	500	1000	1500
PCB-1260 Peak 8	Ave	481391 14093056	440037	2783559	5721747	8841158	100 2500	100	500	1000	1500

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 15:06 Calibration End Date: 08/30/2011 16:26 Calibration ID: 12059

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
DCB Decachlorobiphenyl	Ave	3320161 23427713	2925398	6553098	12608712	18517690	25.0 200	25.0	50.0	100	150

Curve Type Legend:

Ave = Average

Data File: vr463923.d
Report Date: 30-Aug-2011 23:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463923.d
Lab Smp Id: IC SG1660L1_00009
Inj Date : 30-AUG-2011 15:06
Operator : 615
Smp Info : ic SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:26 diazc
Cal Date : 30-AUG-2011 15:06
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr463923.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.096	2.098	-0.002	406125	100.000	100	80.00-	120.00	100.00(M)	
2.536	2.539	-0.003	721624	100.000	100	142.15-	213.22	177.69	
2.785	2.789	-0.004	448882	100.000	100	88.42-	132.63	110.53	
3.145	3.147	-0.002	1477510	100.000	100	291.05-	436.57	363.81	
3.347	3.350	-0.003	409066	100.000	100	80.58-	120.87	100.72	
3.443	3.447	-0.004	143132	100.000	100	28.19-	42.29	35.24	
4.059	4.060	-0.001	539430	100.000	100	106.26-	159.39	132.82	
4.208	4.209	-0.001	223302	100.000	100	43.99-	65.98	54.98	
Average of Peak Amounts =					100				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.091	-0.002	887948	100.000	100	80.00-	120.00	100.00(M)	

Data File: vr463923.d
 Report Date: 30-Aug-2011 23:26

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.542	6.544	-0.002	1820273	100.000	100	164.00-	246.00	205.00	
6.986	6.990	-0.004	1493210	100.000	100	134.53-	201.80	168.16	
7.183	7.187	-0.004	763672	100.000	100	68.80-	103.20	86.00	
7.620	7.625	-0.005	791440	100.000	100	71.31-	106.96	89.13	
8.922	8.929	-0.007	800008	100.000	100	72.08-	108.12	90.10	
9.018	9.025	-0.007	481978	100.000	100	43.42-	65.14	54.28	
9.138	9.145	-0.007	481391	100.000	100	43.37-	65.06	54.21	
Average of Peak Amounts =					100				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.638	-0.002	3320161	25.0000	25	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr463923.d

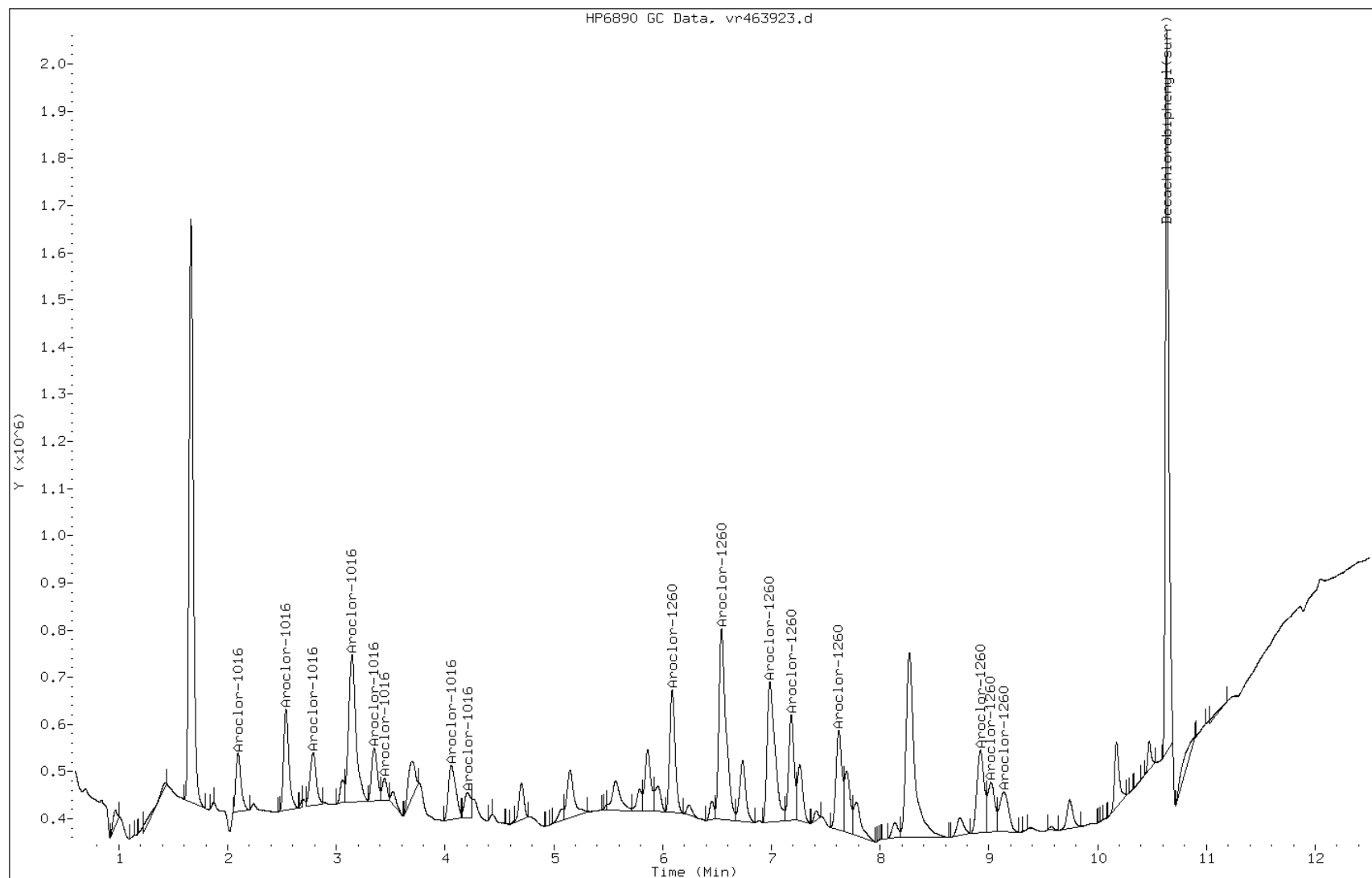
Date: 30-AUG-2011 15:06

Client ID:

Instrument: PESTGC9.i

Sample Info: ic SG1660L1_00009

Operator: 615



Manual Integration Report

Data File: vr463923.d
Inj. Date and Time: 30-AUG-2011 15:06
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 08/30/2011

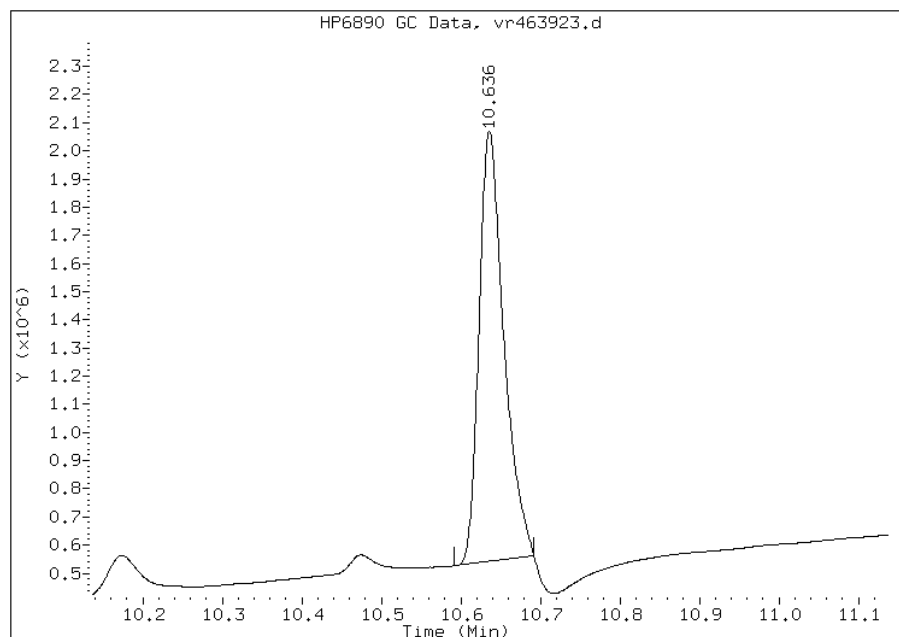
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 3320161
Amount: 25.00
Conc: 25.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463924.d
Lab Smp Id: IC SG1660L1_00009
Inj Date : 30-AUG-2011 15:22
Operator : 615
Smp Info : SG1660L1_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 5 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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									
RT	EXP RT	DLT RT	RESPONSE	CAL -AMT (ug/L)	ON - COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.094	2.098	-0.004	325992	100.000	90	80.00-	120.00	100.00(M)	
2.534	2.539	-0.005	657739	100.000	100	140.37-	210.55	201.77	
2.786	2.789	-0.003	499486	100.000	120	93.46-	140.19	153.22	
3.143	3.147	-0.004	1559999	100.000	110	300.49-	450.74	478.54	
3.344	3.350	-0.006	523065	100.000	97	119.12-	178.68	160.45	
3.442	3.447	-0.005	242932	100.000	70	82.56-	123.85	74.52	
4.054	4.060	-0.006	504487	100.000	100	113.28-	169.91	154.75	
4.204	4.209	-0.005	220869	100.000	89	50.50-	75.75	67.75	
Average of Peak Amounts =					97.8				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.091	-0.002	851185	100.000	100	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.543	6.544	-0.001	1601518	100.000	100	148.45-	222.68	188.15	
6.988	6.990	-0.002	1360246	100.000	95	135.32-	202.98	159.81	
7.184	7.187	-0.003	751198	100.000	95	76.15-	114.22	88.25	
7.623	7.625	-0.002	764181	100.000	100	66.50-	99.75	89.78	
8.925	8.929	-0.004	703807	100.000	87	70.51-	105.77	82.69	
9.022	9.025	-0.003	425312	100.000	89	48.45-	72.67	49.97	
9.141	9.145	-0.004	440037	100.000	81	56.15-	84.22	51.70	
Average of Peak Amounts =					94.7				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.638	-0.002	2925398	25.0000	24	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: vr463924.d
Inj. Date and Time: 30-AUG-2011 15:22
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 08/30/2011

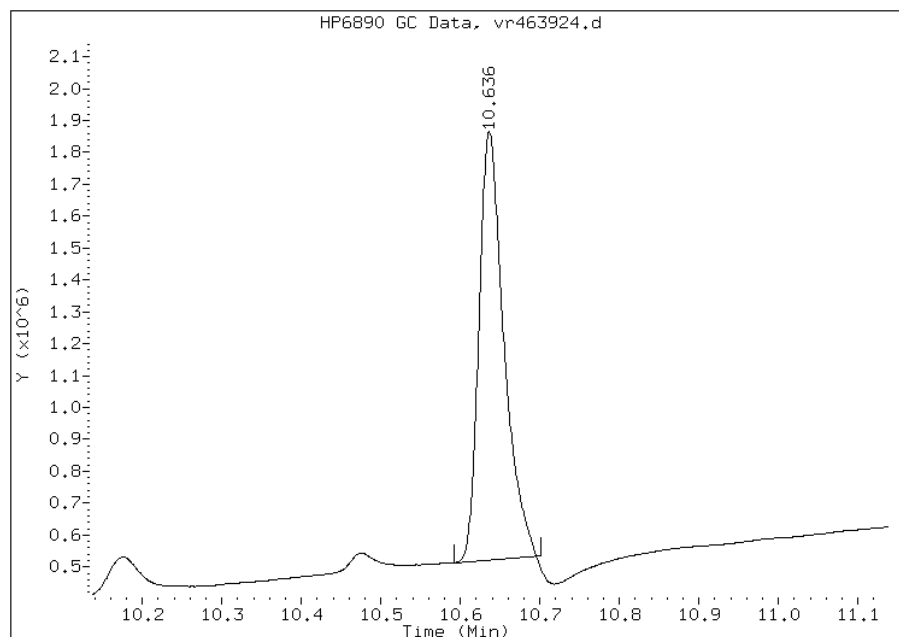
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 2925398
Amount: 23.79
Conc: 23.79



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463925.d
Lab Smp Id: IC SG1660L2_00009
Inj Date : 30-AUG-2011 15:38
Operator : 615
Smp Info : IC SG1660L2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 6 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				
2.094	2.098	-0.004	2148441	500.000	590	80.00-	120.00	100.00	
2.535	2.539	-0.004	3512211	500.000	550	140.37-	210.55	163.48	
2.786	2.789	-0.003	2083156	500.000	510	93.46-	140.19	96.96	
3.142	3.147	-0.005	7722530	500.000	540	300.49-	450.74	359.45	
3.345	3.350	-0.005	2949967	500.000	550	119.12-	178.68	137.31	
3.441	3.447	-0.006	1979343	500.000	570	82.56-	123.85	92.13	
4.055	4.060	-0.005	2798688	500.000	560	113.28-	169.91	130.27	
4.203	4.209	-0.006	1314071	500.000	530	50.50-	75.75	61.16	
Average of Peak Amounts =					551				

27 Aroclor-1260					CAS #: 11096-82-5				
6.087	6.091	-0.004	4389544	500.000	530	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.544	-0.003	8526129	500.000	540	148.45-	222.68	194.24	
6.985	6.990	-0.005	7578064	500.000	530	135.32-	202.98	172.64	
7.183	7.187	-0.004	4204716	500.000	530	76.15-	114.22	95.79	
7.620	7.625	-0.005	3712169	500.000	510	66.50-	99.75	84.57	
8.922	8.929	-0.007	4122403	500.000	510	70.51-	105.77	93.91	
9.018	9.025	-0.007	2472375	500.000	520	48.45-	72.67	56.32	
9.137	9.145	-0.008	2783559	500.000	510	56.15-	84.22	63.41	
Average of Peak Amounts =					523				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.638	-0.002	6553098	50.0000	53	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr463925.d

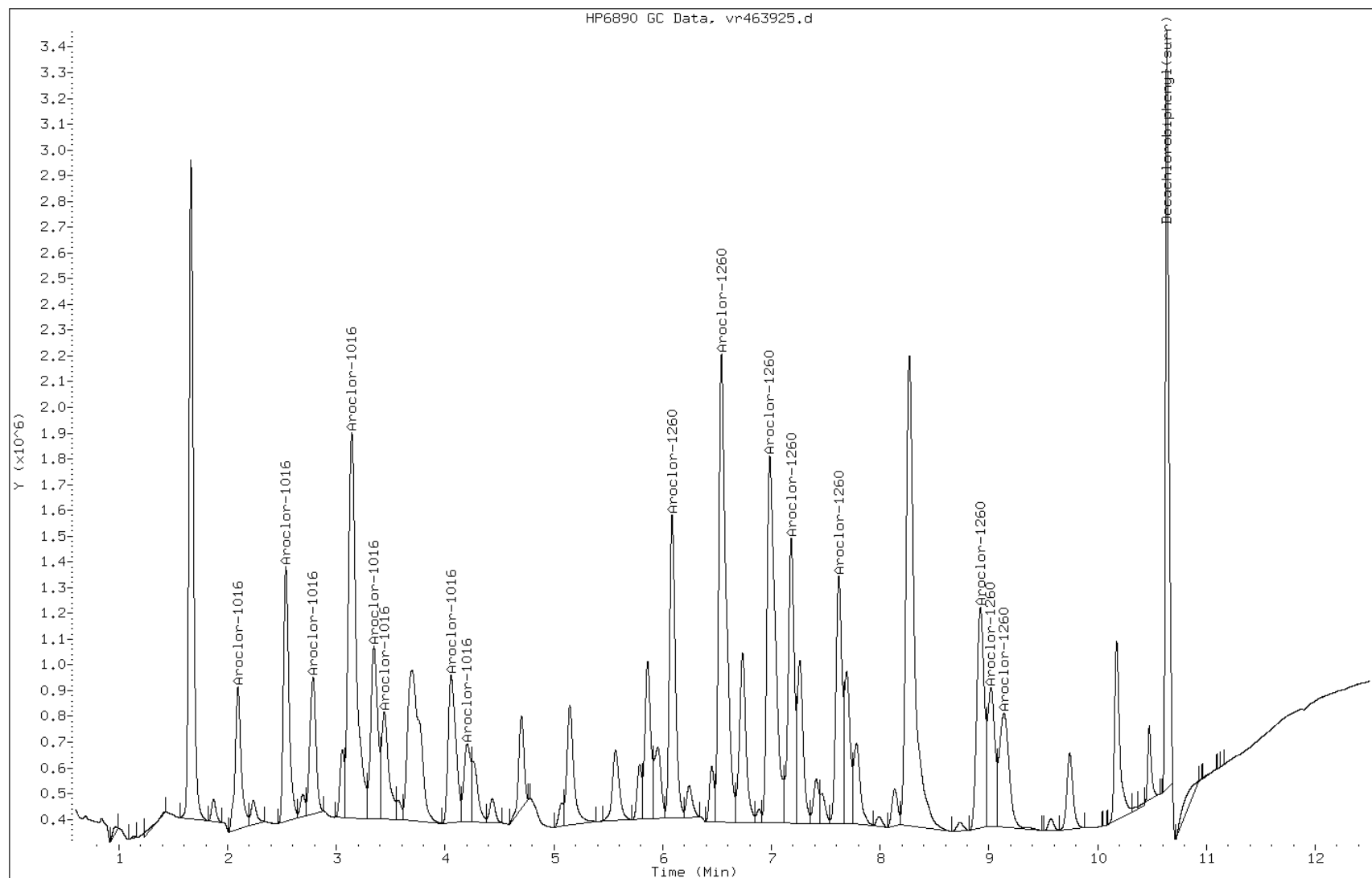
Date: 30-AUG-2011 15:38

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L2_00009

Operator: 615



Manual Integration Report

Data File: vr463925.d
Inj. Date and Time: 30-AUG-2011 15:38
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 08/30/2011

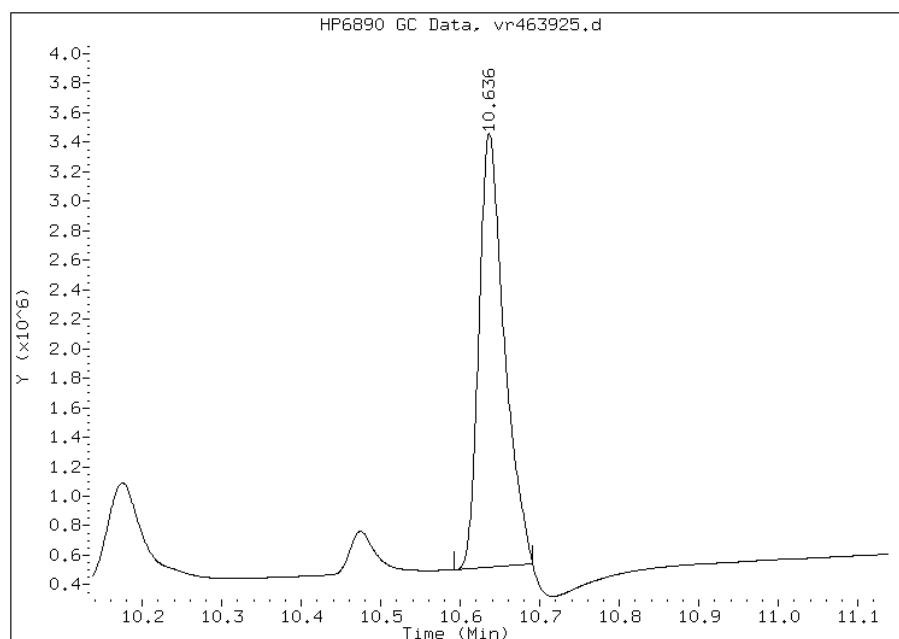
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 6553098
Amount: 53.30
Conc: 53.30



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463926.d
Lab Smp Id: IC SG1660L3_00010
Inj Date : 30-AUG-2011 15:54
Operator : 615
Smp Info : IC SG1660L3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 7 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									
RT	EXP RT	DLT RT	CAL - AMT	ON - COL	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.095	2.098	-0.003	3711878	1000.00	1000	80.00-	120.00	100.00	
2.535	2.539	-0.004	6216396	1000.00	980	140.37-	210.55	167.47	
2.785	2.789	-0.004	3756910	1000.00	930	93.46-	140.19	101.21	
3.141	3.147	-0.006	13597377	1000.00	960	300.49-	450.74	366.32	
3.344	3.350	-0.006	5317324	1000.00	980	119.12-	178.68	143.25	
3.440	3.447	-0.007	3579367	1000.00	1000	82.56-	123.85	96.43	
4.055	4.060	-0.005	5073472	1000.00	1000	113.28-	169.91	136.68	
4.204	4.209	-0.005	2450687	1000.00	980	50.50-	75.75	66.02	
Average of Peak Amounts =					987				
27 Aroclor-1260					CAS #: 11096-82-5				
6.088	6.091	-0.003	8173105	1000.00	990	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.544	-0.003	15980941	1000.00	1000	148.45-	222.68	195.53	
6.986	6.990	-0.004	14585854	1000.00	1000	135.32-	202.98	178.46	
7.184	7.187	-0.003	8083320	1000.00	1000	76.15-	114.22	98.90	
7.622	7.625	-0.003	7198462	1000.00	990	66.50-	99.75	88.07	
8.924	8.929	-0.005	8423183	1000.00	1000	70.51-	105.77	103.06	
9.023	9.025	-0.002	4959273	1000.00	1000	48.45-	72.67	60.68	
9.141	9.145	-0.004	5721747	1000.00	1000	56.15-	84.22	70.01	
Average of Peak Amounts =					1.02e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.638	-0.002	12608712	100.000	100	80.00-	120.00	100.00	

Data File: vr463926.d

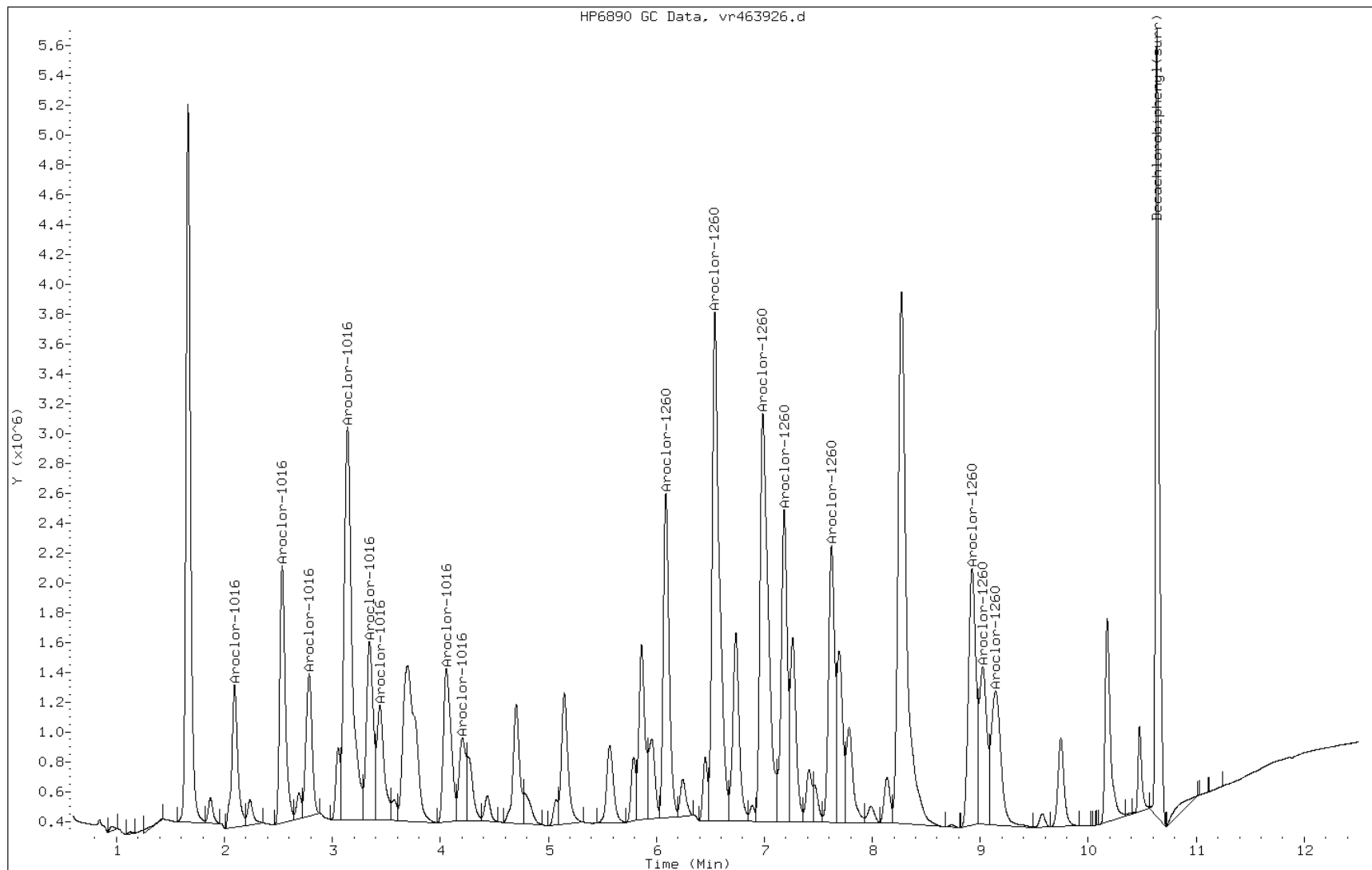
Date: 30-AUG-2011 15:54

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L3_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463927.d
Lab Smp Id: IC SG1660L4_00010
Inj Date : 30-AUG-2011 16:10
Operator : 615
Smp Info : IC SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 8 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.096	2.098	-0.002	5458888	1500.00	1500	80.00-	120.00	100.00	
2.537	2.539	-0.002	9304856	1500.00	1500	140.37-	210.55	170.45	
2.788	2.789	-0.001	5703668	1500.00	1400	93.46-	140.19	104.48	
3.143	3.147	-0.004	20434149	1500.00	1400	300.49-	450.74	374.33	
3.346	3.350	-0.004	8082269	1500.00	1500	119.12-	178.68	148.06	
3.444	3.447	-0.003	5462303	1500.00	1600	82.56-	123.85	100.06	
4.057	4.060	-0.003	7829164	1500.00	1600	113.28-	169.91	143.42	
4.205	4.209	-0.004	3930359	1500.00	1600	50.50-	75.75	72.00	
Average of Peak Amounts =					1.5e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.091	-0.002	12226215	1500.00	1500	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.542	6.544	-0.002	23152070	1500.00	1500	148.45-	222.68	189.36	
6.987	6.990	-0.003	21461334	1500.00	1500	135.32-	202.98	175.54	
7.185	7.187	-0.002	11943644	1500.00	1500	76.15-	114.22	97.69	
7.622	7.625	-0.003	10682963	1500.00	1500	66.50-	99.75	87.38	
8.923	8.929	-0.006	12479716	1500.00	1500	70.51-	105.77	102.07	
9.023	9.025	-0.002	7533074	1500.00	1600	48.45-	72.67	61.61	
9.142	9.145	-0.003	8841158	1500.00	1600	56.15-	84.22	72.31	
Average of Peak Amounts =					1.52e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.638	-0.001	18517690	150.000	150	80.00-	120.00	100.00	

Data File: vr463927.d

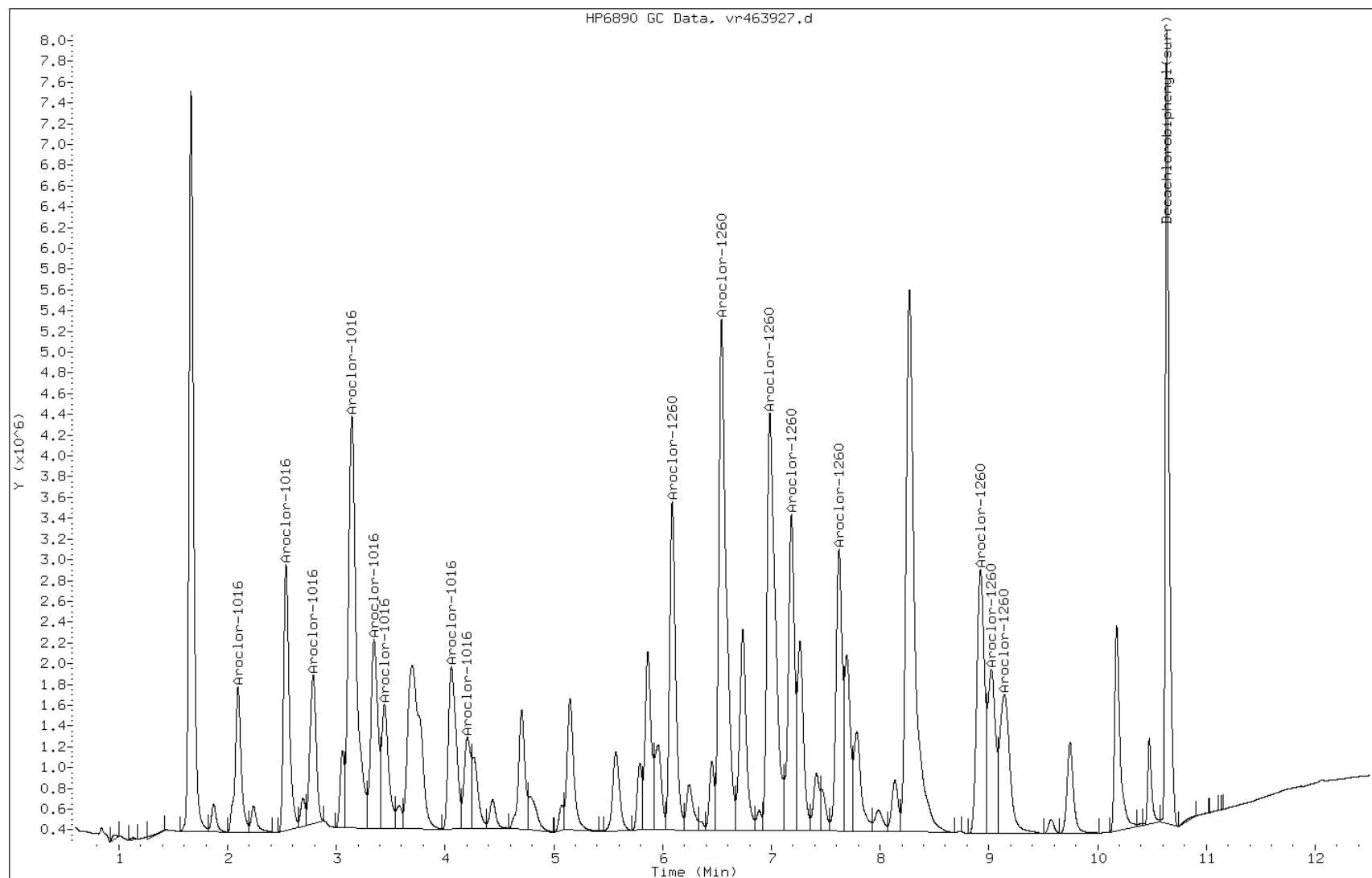
Date: 30-AUG-2011 16:10

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463928.d
Lab Smp Id: IC SG1660L5_00010
Inj Date : 30-AUG-2011 16:26
Operator : 615
Smp Info : IC SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 9 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.095	2.098	-0.003	8125680	2500.00	2200	80.00-	120.00	100.00	
2.537	2.539	-0.002	14263704	2500.00	2200	140.37-	210.55	175.54	
2.788	2.789	-0.001	8904181	2500.00	2200	93.46-	140.19	109.58	
3.143	3.147	-0.004	32164927	2500.00	2300	300.49-	450.74	395.84	
3.346	3.350	-0.004	12863629	2500.00	2400	119.12-	178.68	158.31	
3.444	3.447	-0.003	9127571	2500.00	2600	82.56-	123.85	112.33	
4.058	4.060	-0.002	10573392	2500.00	2100	113.28-	169.91	130.12	
4.205	4.209	-0.004	6383269	2500.00	2600	50.50-	75.75	78.56	
Average of Peak Amounts =					2.33e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.091	-0.002	19083086	2500.00	2300	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.544	-0.003	36265952	2500.00	2300	148.45-	222.68	190.04	
6.985	6.990	-0.005	33946035	2500.00	2400	135.32-	202.98	177.89	
7.184	7.187	-0.003	19052673	2500.00	2400	76.15-	114.22	99.84	
7.622	7.625	-0.003	17120873	2500.00	2400	66.50-	99.75	89.72	
8.922	8.929	-0.007	20620323	2500.00	2600	70.51-	105.77	108.06	
9.024	9.025	-0.001	11776493	2500.00	2500	48.45-	72.67	61.71	
9.142	9.145	-0.003	14093056	2500.00	2600	56.15-	84.22	73.85	
Average of Peak Amounts =					2.42e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.638	-0.002	23427713	200.000	190	80.00-	120.00	100.00	

Data File: vr463928.d

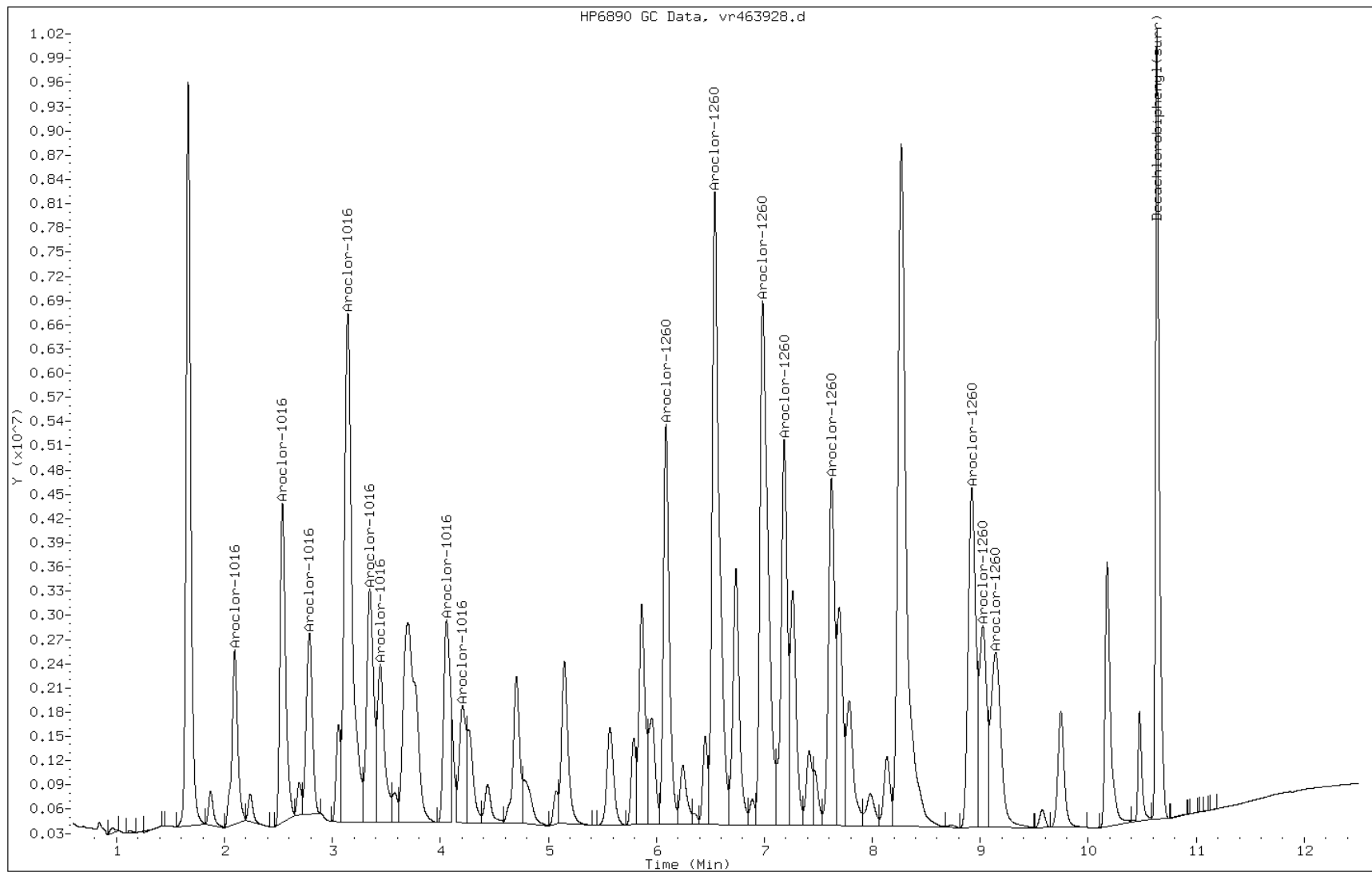
Date: 30-AUG-2011 16:26

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1660L5_00010

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.665										1.598 - 1.738	1.665
PCB-1221 Peak 2	2.137										2.070 - 2.210	2.137
PCB-1221 Peak 3	2.675										2.610 - 2.750	2.675
PCB-1221 Peak 4	2.878										2.813 - 2.953	2.878
PCB-1221 Peak 5	2.965										2.901 - 3.041	2.965
PCB-1221 Peak 6	3.643										3.580 - 3.720	3.643
PCB-1221 Peak 7	3.759										3.696 - 3.836	3.759
PCB-1221 Peak 8	4.498										4.434 - 4.574	4.498

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.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	1110.5				Ave		956.471000						20.0			
PCB-1221 Peak 2	354.96				Ave		348.135000						20.0			
PCB-1221 Peak 3	1335.8				Ave		1224.38000						20.0			
PCB-1221 Peak 4	910.72				Ave		844.168000						20.0			
PCB-1221 Peak 5	3378.9				Ave		3241.31000						20.0			
PCB-1221 Peak 6	574.74				Ave		553.591000						20.0			
PCB-1221 Peak 7	722.92				Ave		702.653000						20.0			
PCB-1221 Peak 8	627.94				Ave		608.142000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vf463929.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1110476					1000				
PCB-1221 Peak 2	Ave	354961					1000				
PCB-1221 Peak 3	Ave	1335762					1000				
PCB-1221 Peak 4	Ave	910722					1000				
PCB-1221 Peak 5	Ave	3378930					1000				
PCB-1221 Peak 6	Ave	574741					1000				
PCB-1221 Peak 7	Ave	722921					1000				
PCB-1221 Peak 8	Ave	627939					1000				

Curve Type Legend:

Ave = Average

Data File: vf463929.d
Report Date: 30-Aug-2011 23:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463929.d
Lab Smp Id: IC SG1221L3_00012
Inj Date : 30-AUG-2011 16:42
Operator : 615
Smp Info : SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL - AMT (ug/L)	ON - COL	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
22 Aroclor-1221			CAS #: 11104-28-2						
1.665	1.668	-0.003	1110476	1000.00	1000	80.00- 120.00	100.00		
2.137	2.140	-0.003	354961	1000.00	1000	29.12- 43.68	31.96		
2.675	2.680	-0.005	1335762	1000.00	1000	102.41- 153.61	120.29		
2.878	2.883	-0.005	910722	1000.00	1000	70.61- 105.91	82.01		
2.965	2.971	-0.006	3378930	1000.00	1000	271.11- 406.66	304.28		
3.643	3.650	-0.007	574741	1000.00	1000	46.30- 69.45	51.76		
3.759	3.766	-0.007	722921	1000.00	1000	58.77- 88.16	65.10		
4.498	4.504	-0.006	627939	1000.00	1000	50.87- 76.30	56.55		
Average of Peak Amounts =			1e+03						

Data File: vf463929.d

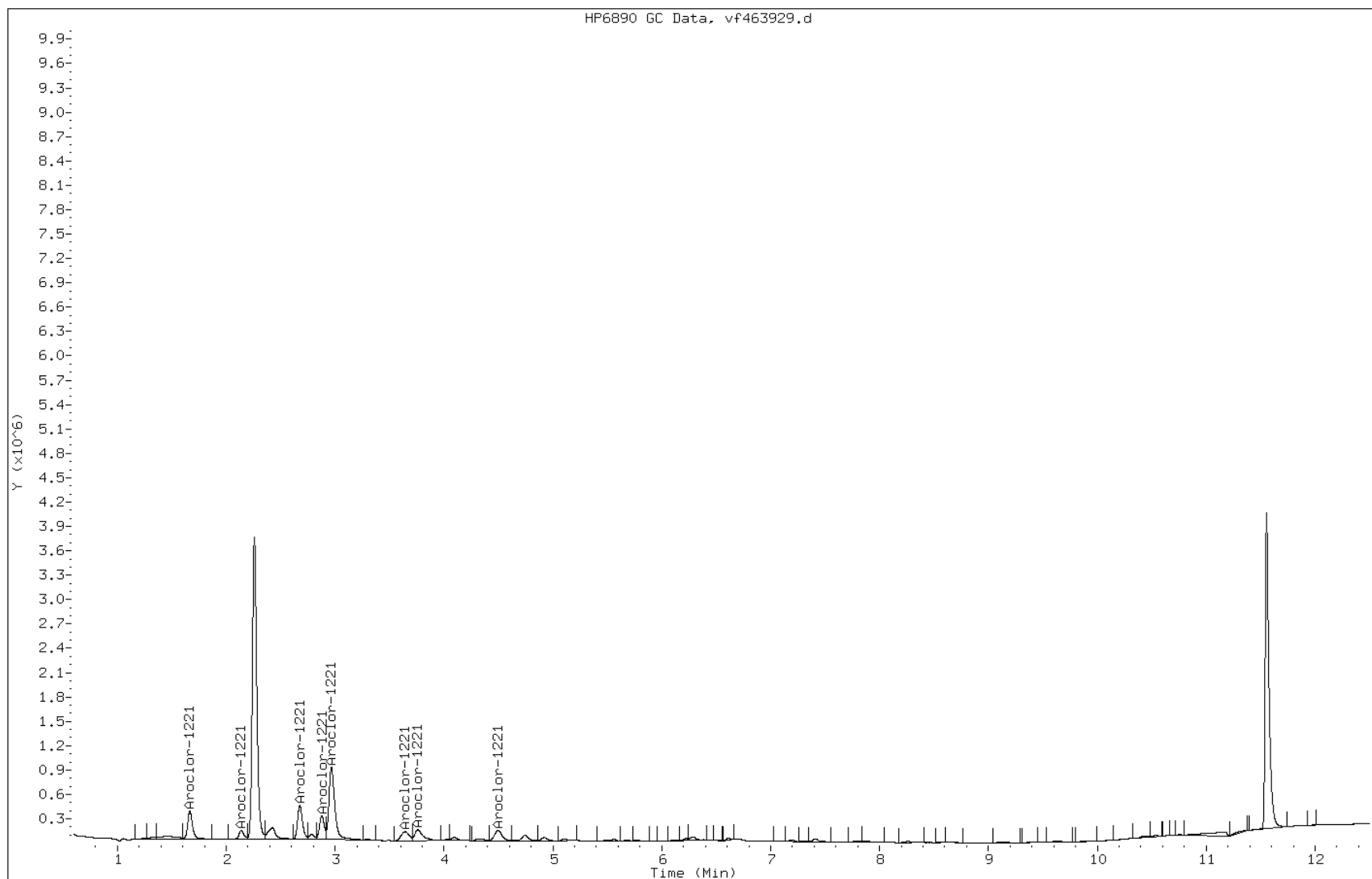
Date: 30-AUG-2011 16:42

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.124										1.054 - 1.194	1.124
PCB-1221 Peak 2	1.524										1.454 - 1.594	1.524
PCB-1221 Peak 3	1.871										1.801 - 1.941	1.871
PCB-1221 Peak 4	2.094										2.024 - 2.164	2.094
PCB-1221 Peak 5	2.536										2.466 - 2.606	2.536
PCB-1221 Peak 6	2.623										2.553 - 2.693	2.623
PCB-1221 Peak 7	2.704										2.634 - 2.774	2.704
PCB-1221 Peak 8	3.145										3.075 - 3.215	3.145

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.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	1429.3				Ave		1429.31400						20.0			
PCB-1221 Peak 2	330.74				Ave		330.739000						20.0			
PCB-1221 Peak 3	1918.1				Ave		1918.12900						20.0			
PCB-1221 Peak 4	5763.0				Ave		5763.04200						20.0			
PCB-1221 Peak 5	413.50				Ave		413.503000						20.0			
PCB-1221 Peak 6	297.92				Ave		297.917000						20.0			
PCB-1221 Peak 7	640.42				Ave		640.422000						20.0			
PCB-1221 Peak 8	803.86				Ave		803.856000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:42 Calibration End Date: 08/30/2011 16:42 Calibration ID: 12060

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/10	vr463929.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1429314					1000				
PCB-1221 Peak 2	Ave	330739					1000				
PCB-1221 Peak 3	Ave	1918129					1000				
PCB-1221 Peak 4	Ave	5763042					1000				
PCB-1221 Peak 5	Ave	413503					1000				
PCB-1221 Peak 6	Ave	297917					1000				
PCB-1221 Peak 7	Ave	640422					1000				
PCB-1221 Peak 8	Ave	803856					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463929.d
Lab Smp Id: IC SG1221L3_00012
Inj Date : 30-AUG-2011 16:42
Operator : 615
Smp Info : SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 10 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
22 Aroclor-1221			CAS #: 11104-28-2			
1.124	1.124	0.000	1429314	1000.00	1000 80.00- 120.00	100.00
1.524	1.524	0.000	330739	1000.00	1000 18.51- 27.77	23.14
1.871	1.871	0.000	1918129	1000.00	1000 107.36- 161.04	134.20
2.094	2.094	0.000	5763042	1000.00	1000 322.56- 483.84	403.20
2.536	2.536	0.000	413503	1000.00	1000 23.14- 34.72	28.93
2.623	2.623	0.000	297917	1000.00	1000 16.67- 25.01	20.84
2.704	2.704	0.000	640422	1000.00	1000 35.84- 53.77	44.81
3.145	3.145	0.000	803856	1000.00	1000 44.99- 67.49	56.24
Average of Peak Amounts =			1e+03			

Data File: vr463929.d

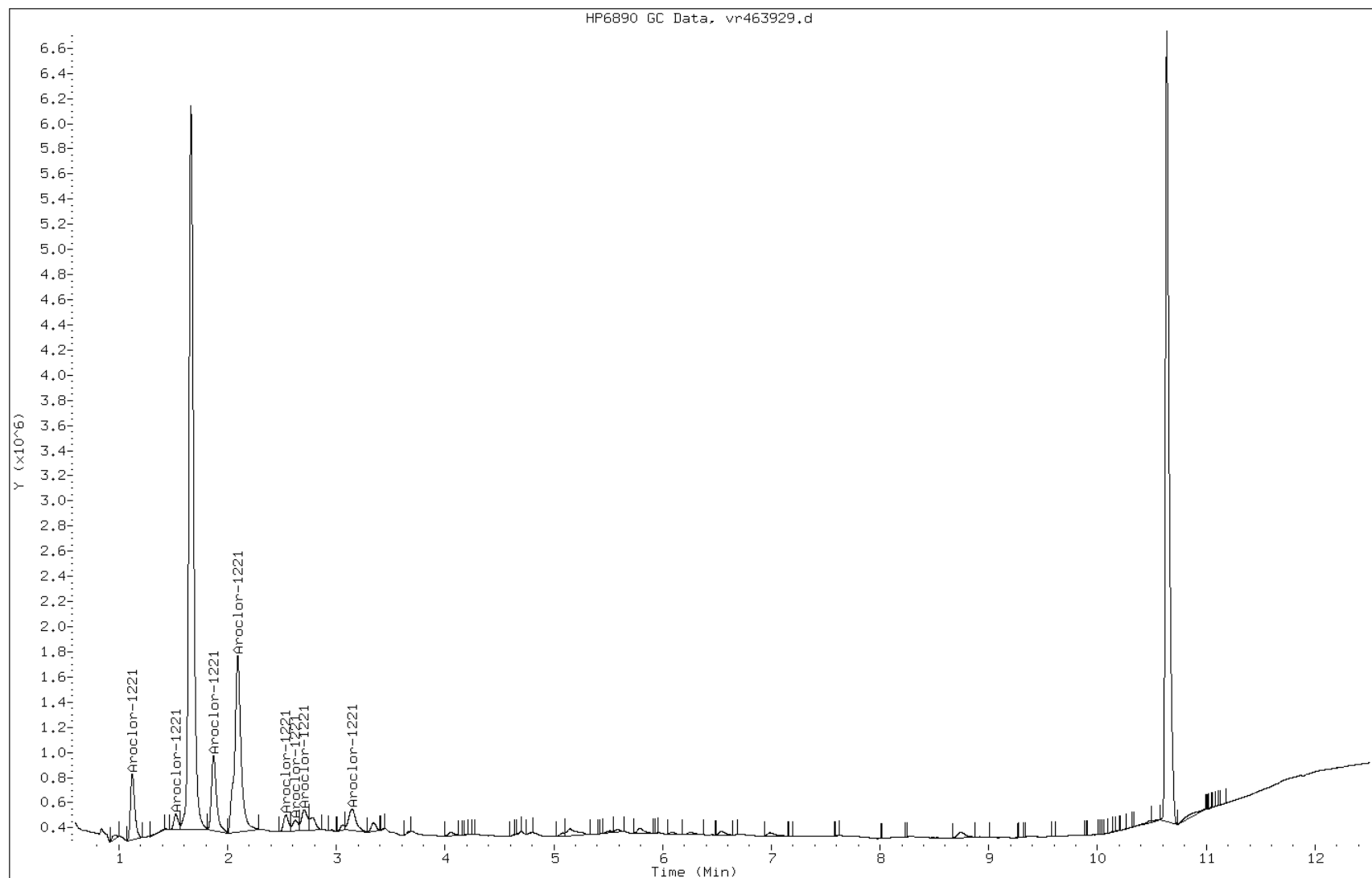
Date: 30-AUG-2011 16:42

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.964										2.899 - 3.039	2.964
PCB-1232 Peak 2	3.650										3.586 - 3.726	3.650
PCB-1232 Peak 3	4.095										4.031 - 4.171	4.095
PCB-1232 Peak 4	4.495										4.430 - 4.570	4.495
PCB-1232 Peak 5	4.740										4.676 - 4.816	4.740
PCB-1232 Peak 6	4.921										4.856 - 4.996	4.921
PCB-1232 Peak 7	5.565										5.500 - 5.640	5.565
PCB-1232 Peak 8	5.775										5.708 - 5.848	5.775

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.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	2364.2				Ave		2263.38900						20.0			
PCB-1232 Peak 2	2059.7				Ave		2021.08200						20.0			
PCB-1232 Peak 3	890.94				Ave		861.277000						20.0			
PCB-1232 Peak 4	3862.8				Ave		4088.89700						20.0			
PCB-1232 Peak 5	1572.1				Ave		1846.22400						20.0			
PCB-1232 Peak 6	1128.0				Ave		1333.24300						20.0			
PCB-1232 Peak 7	1471.4				Ave		1273.28700						20.0			
PCB-1232 Peak 8	1492.7				Ave		1132.34300						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vf463930.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	2364175					1000				
PCB-1232 Peak 2	Ave	2059730					1000				
PCB-1232 Peak 3	Ave	890940					1000				
PCB-1232 Peak 4	Ave	3862794					1000				
PCB-1232 Peak 5	Ave	1572133					1000				
PCB-1232 Peak 6	Ave	1128041					1000				
PCB-1232 Peak 7	Ave	1471443					1000				
PCB-1232 Peak 8	Ave	1492702					1000				

Curve Type Legend:

Ave = Average

Data File: vf463930.d
Report Date: 30-Aug-2011 23:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463930.d
Lab Smp Id: IC SG1232L3_00011
Inj Date : 30-AUG-2011 16:57
Operator : 615
Smp Info : SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 3
Compound Sublist: AR12320.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232			CAS #: 11141-16-5						
2.964	2.969	-0.005	2364175	1000.00	1000	80.00-	120.00	100.00(M)	
3.650	3.656	-0.006	2059730	1000.00	1000	71.44-	107.15	87.12	
4.095	4.101	-0.006	890940	1000.00	1000	30.44-	45.66	37.69	
4.495	4.500	-0.005	3862794	1000.00	1000	144.52-	216.78	163.39	
4.740	4.746	-0.006	1572133	1000.00	1000	65.26-	97.88	66.50	
4.921	4.926	-0.005	1128041	1000.00	1000	47.12-	70.69	47.71	
5.565	5.570	-0.005	1471443	1000.00	1000	45.00-	67.51	62.24	
5.775	5.778	-0.003	1492702	1000.00	1000	40.02-	60.03	63.14	
Average of Peak Amounts =			1e+03						

Data File: vf463930.d
Report Date: 30-Aug-2011 23:36

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463930.d

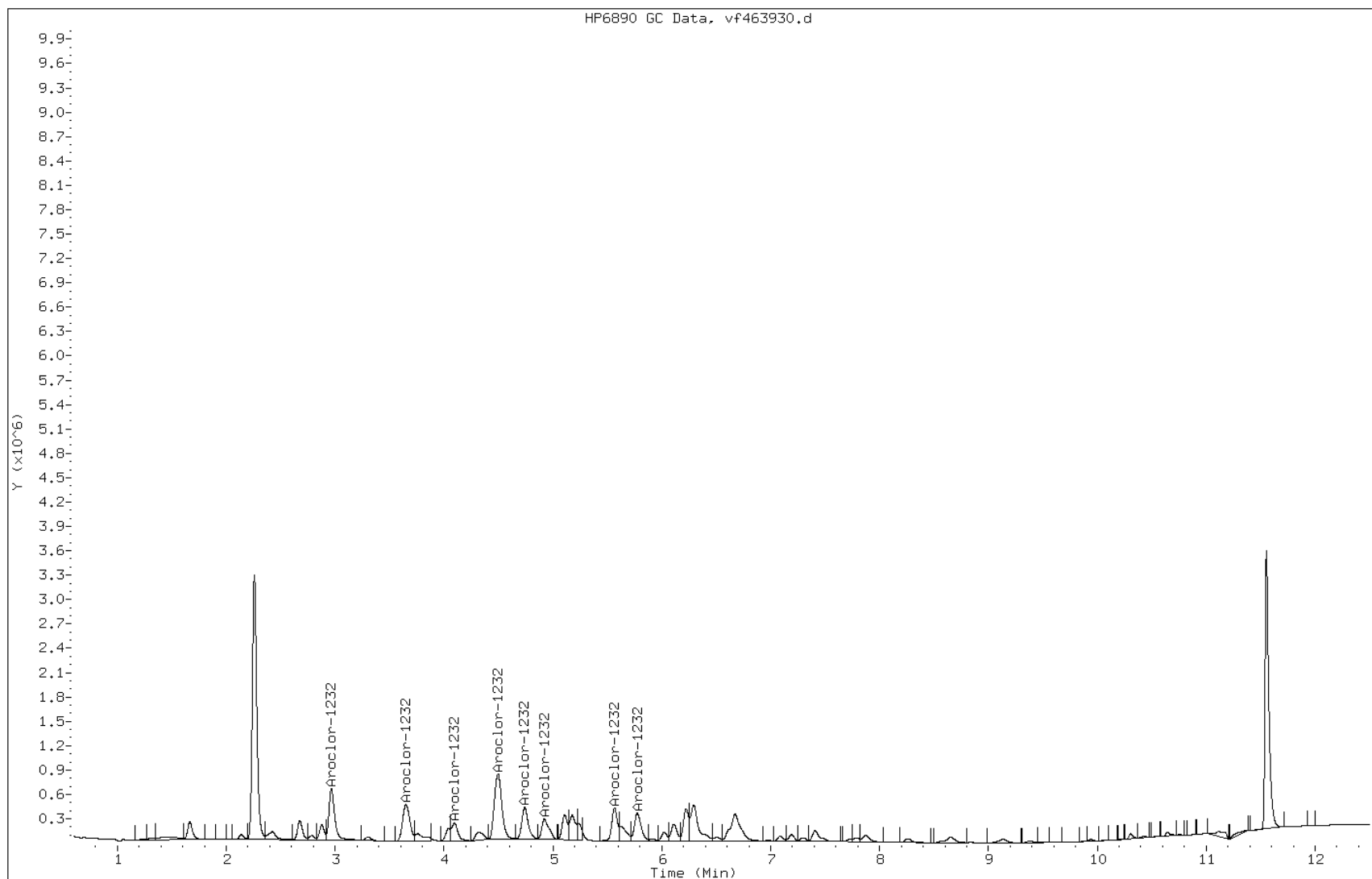
Date: 30-AUG-2011 16:57

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.094										2.024 - 2.164	2.094
PCB-1232 Peak 2	2.534										2.464 - 2.604	2.534
PCB-1232 Peak 3	2.786										2.716 - 2.856	2.786
PCB-1232 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1232 Peak 5	3.346										3.276 - 3.416	3.346
PCB-1232 Peak 6	3.693										3.623 - 3.763	3.693
PCB-1232 Peak 7	4.055										3.985 - 4.125	4.055
PCB-1232 Peak 8	4.203										4.133 - 4.273	4.203

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.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	3886.8				Ave		3886.81200						20.0			
PCB-1232 Peak 2	3038.5				Ave		3038.52100						20.0			
PCB-1232 Peak 3	1861.2				Ave		1861.21400						20.0			
PCB-1232 Peak 4	6425.6				Ave		6425.55500						20.0			
PCB-1232 Peak 5	2407.7				Ave		2407.74400						20.0			
PCB-1232 Peak 6	3977.6				Ave		3977.55400						20.0			
PCB-1232 Peak 7	2520.5				Ave		2520.45100						20.0			
PCB-1232 Peak 8	1205.3				Ave		1205.32500						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 16:57 Calibration End Date: 08/30/2011 16:57 Calibration ID: 12061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/11	vr463930.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	3886812					1000				
PCB-1232 Peak 2	Ave	3038521					1000				
PCB-1232 Peak 3	Ave	1861214					1000				
PCB-1232 Peak 4	Ave	6425555					1000				
PCB-1232 Peak 5	Ave	2407744					1000				
PCB-1232 Peak 6	Ave	3977554					1000				
PCB-1232 Peak 7	Ave	2520451					1000				
PCB-1232 Peak 8	Ave	1205325					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463930.d
Lab Smp Id: IC SG1232L3_00011
Inj Date : 30-AUG-2011 16:57
Operator : 615
Smp Info : SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 11 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232			CAS #: 11141-16-5						
2.094	2.094	0.000	3886812	1000.00	1000	80.00-	120.00	100.00	
2.534	2.534	0.000	3038521	1000.00	1000	62.54-	93.81	78.18	
2.786	2.786	0.000	1861214	1000.00	1000	38.31-	57.46	47.89	
3.142	3.142	0.000	6425555	1000.00	1000	132.25-	198.38	165.32	
3.346	3.346	0.000	2407744	1000.00	1000	49.56-	74.34	61.95	
3.693	3.693	0.000	3977554	1000.00	1000	81.87-	122.80	102.33	
4.055	4.055	0.000	2520451	1000.00	1000	51.88-	77.82	64.85	
4.203	4.203	0.000	1205325	1000.00	1000	24.81-	37.21	31.01	
Average of Peak Amounts =			1e+03						

Data File: vr463930.d

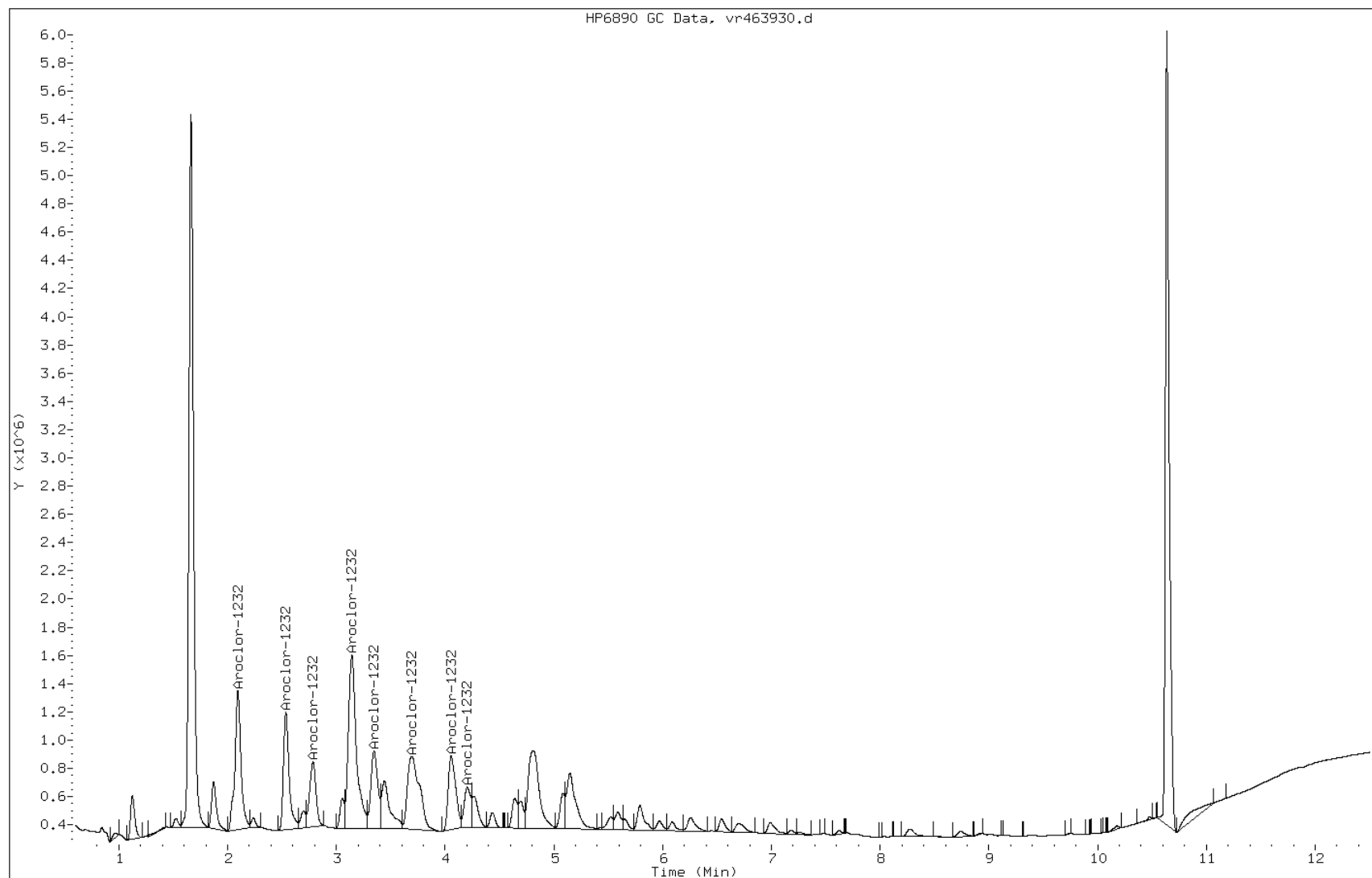
Date: 30-AUG-2011 16:57

Client ID:

Instrument: PESTGC9.i

Sample Info: SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.967										2.901 - 3.041	2.967
PCB-1242 Peak 2	3.654										3.590 - 3.730	3.654
PCB-1242 Peak 3	4.097										4.034 - 4.174	4.097
PCB-1242 Peak 4	4.497										4.433 - 4.573	4.497
PCB-1242 Peak 5	4.742										4.679 - 4.819	4.742
PCB-1242 Peak 6	4.922										4.860 - 5.000	4.922
PCB-1242 Peak 7	5.774										5.713 - 5.853	5.774
PCB-1242 Peak 8	6.294										6.231 - 6.371	6.294

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.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	1986.9				Ave		2047.56600						20.0			
PCB-1242 Peak 2	4052.0				Ave		4007.99100						20.0			
PCB-1242 Peak 3	1703.5				Ave		1668.26000						20.0			
PCB-1242 Peak 4	7736.1				Ave		7152.98400						20.0			
PCB-1242 Peak 5	3454.0				Ave		2933.22600						20.0			
PCB-1242 Peak 6	2566.5				Ave		2172.48000						20.0			
PCB-1242 Peak 7	2796.7				Ave		2819.56900						20.0			
PCB-1242 Peak 8	3332.2				Ave		3781.87700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vf463931.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	1986921					1000				
PCB-1242 Peak 2	Ave	4051982					1000				
PCB-1242 Peak 3	Ave	1703453					1000				
PCB-1242 Peak 4	Ave	7736104					1000				
PCB-1242 Peak 5	Ave	3453980					1000				
PCB-1242 Peak 6	Ave	2566531					1000				
PCB-1242 Peak 7	Ave	2796673					1000				
PCB-1242 Peak 8	Ave	3332171					1000				

Curve Type Legend:

Ave = Average

Data File: vf463931.d
 Report Date: 30-Aug-2011 23:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463931.d
 Lab Smp Id: IC SG1242L3_00011
 Inj Date : 30-AUG-2011 17:13
 Operator : 615
 Smp Info : IC SG1242L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
 Meth Date : 24-Aug-2011 14:30 diazc
 Cal Date : 19-AUG-2011 15:08
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf463562.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12420.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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									
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Aroclor-1242					CAS #: 53469-21-9				
2.967	2.971	-0.004	1986921	1000.00	1000	80.00- 120.00	100.00(M)		
3.654	3.660	-0.006	4051982	1000.00	1000	156.60- 234.89	203.93		
4.097	4.104	-0.007	1703453	1000.00	1000	65.18- 97.77	85.73		
4.497	4.503	-0.006	7736104	1000.00	1000	279.47- 419.21	389.35		
4.742	4.749	-0.007	3453980	1000.00	1000	114.60- 171.91	173.84		
4.922	4.930	-0.008	2566531	1000.00	1000	84.88- 127.32	129.17		
5.774	5.783	-0.009	2796673	1000.00	1000	110.16- 165.24	140.75		
6.294	6.301	-0.007	3332171	1000.00	1000	147.76- 221.64	167.71		
Average of Peak Amounts =					1e+03				

Data File: vf463931.d
Report Date: 30-Aug-2011 23:37

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463931.d

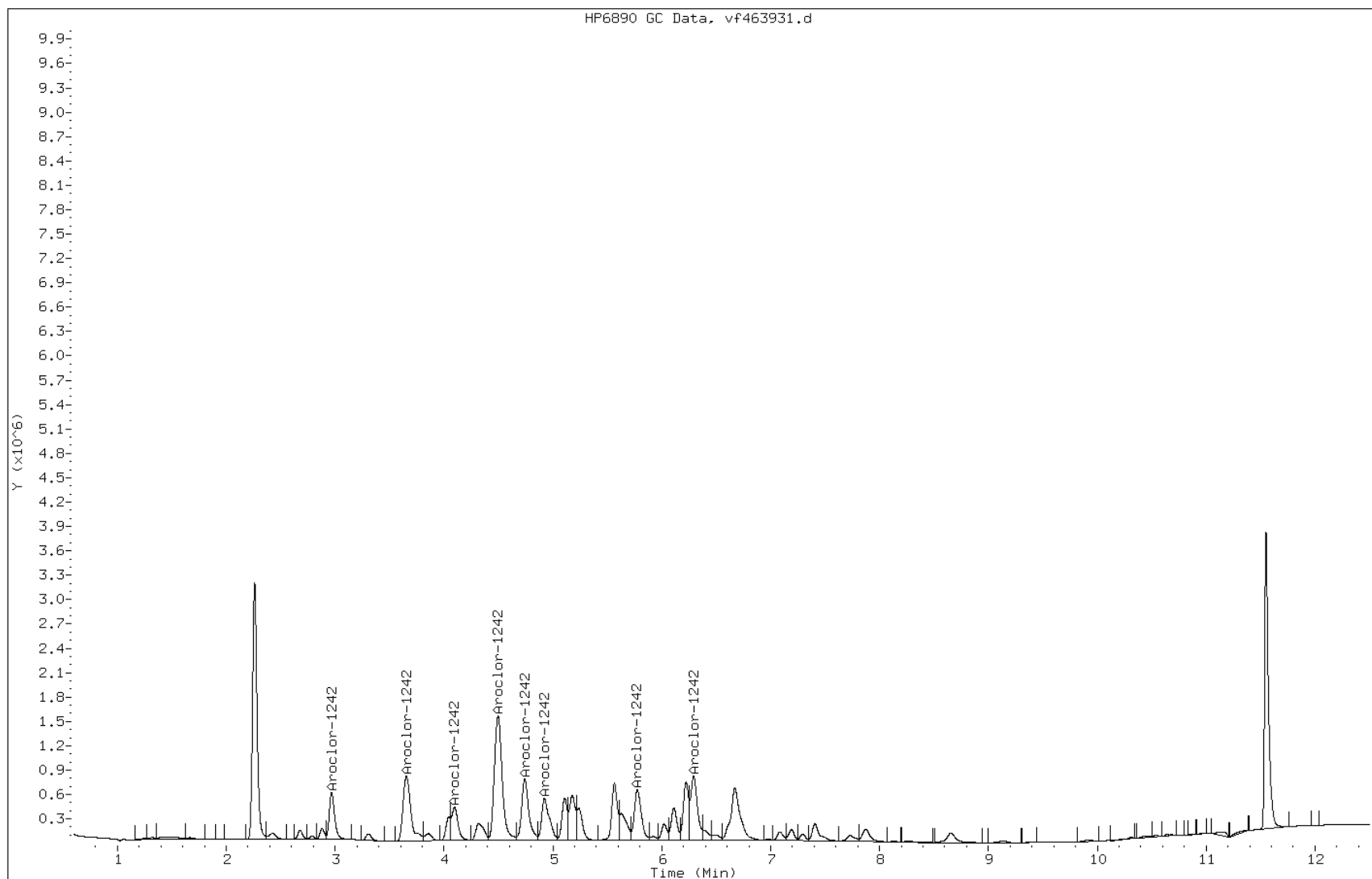
Date: 30-AUG-2011 17:13

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1242L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.096										2.026 - 2.166	2.096
PCB-1242 Peak 2	2.537										2.467 - 2.607	2.537
PCB-1242 Peak 3	2.789										2.719 - 2.859	2.789
PCB-1242 Peak 4	3.144										3.074 - 3.214	3.144
PCB-1242 Peak 5	3.348										3.278 - 3.418	3.348
PCB-1242 Peak 6	3.699										3.629 - 3.769	3.699
PCB-1242 Peak 7	4.058										3.988 - 4.128	4.058
PCB-1242 Peak 8	5.146										5.076 - 5.216	5.146

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.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	3479.6				Ave		3479.58100						20.0			
PCB-1242 Peak 2	5470.4				Ave		5470.40000						20.0			
PCB-1242 Peak 3	3355.9				Ave		3355.90100						20.0			
PCB-1242 Peak 4	12104				Ave		12103.5350						20.0			
PCB-1242 Peak 5	4717.3				Ave		4717.32300						20.0			
PCB-1242 Peak 6	7332.3				Ave		7332.30500						20.0			
PCB-1242 Peak 7	4754.4				Ave		4754.36800						20.0			
PCB-1242 Peak 8	4719.8				Ave		4719.80600						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:13 Calibration End Date: 08/30/2011 17:13 Calibration ID: 12062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/12	vr463931.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	3479581					1000				
PCB-1242 Peak 2	Ave	5470400					1000				
PCB-1242 Peak 3	Ave	3355901					1000				
PCB-1242 Peak 4	Ave	12103535					1000				
PCB-1242 Peak 5	Ave	4717323					1000				
PCB-1242 Peak 6	Ave	7332305					1000				
PCB-1242 Peak 7	Ave	4754368					1000				
PCB-1242 Peak 8	Ave	4719806					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463931.d
Lab Smp Id: IC SG1242L3_00011
Inj Date : 30-AUG-2011 17:13
Operator : 615
Smp Info : IC SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 12 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242				CAS #: 53469-21-9		
2.096	2.096	0.000	3479581 1000.00	1000	80.00- 120.00	100.00
2.537	2.537	0.000	5470400 1000.00	1000	125.77- 188.66	157.21
2.789	2.789	0.000	3355901 1000.00	1000	77.16- 115.73	96.45
3.144	3.144	0.000	12103535 1000.00	1000	278.28- 417.41	347.84
3.348	3.348	0.000	4717323 1000.00	1000	108.46- 162.69	135.57
3.699	3.699	0.000	7332305 1000.00	1000	168.58- 252.87	210.72
4.058	4.058	0.000	4754368 1000.00	1000	109.31- 163.96	136.64
5.146	5.146	0.000	4719806 1000.00	1000	108.51- 162.77	135.64
Average of Peak Amounts =				1e+03		

Data File: vr463931.d

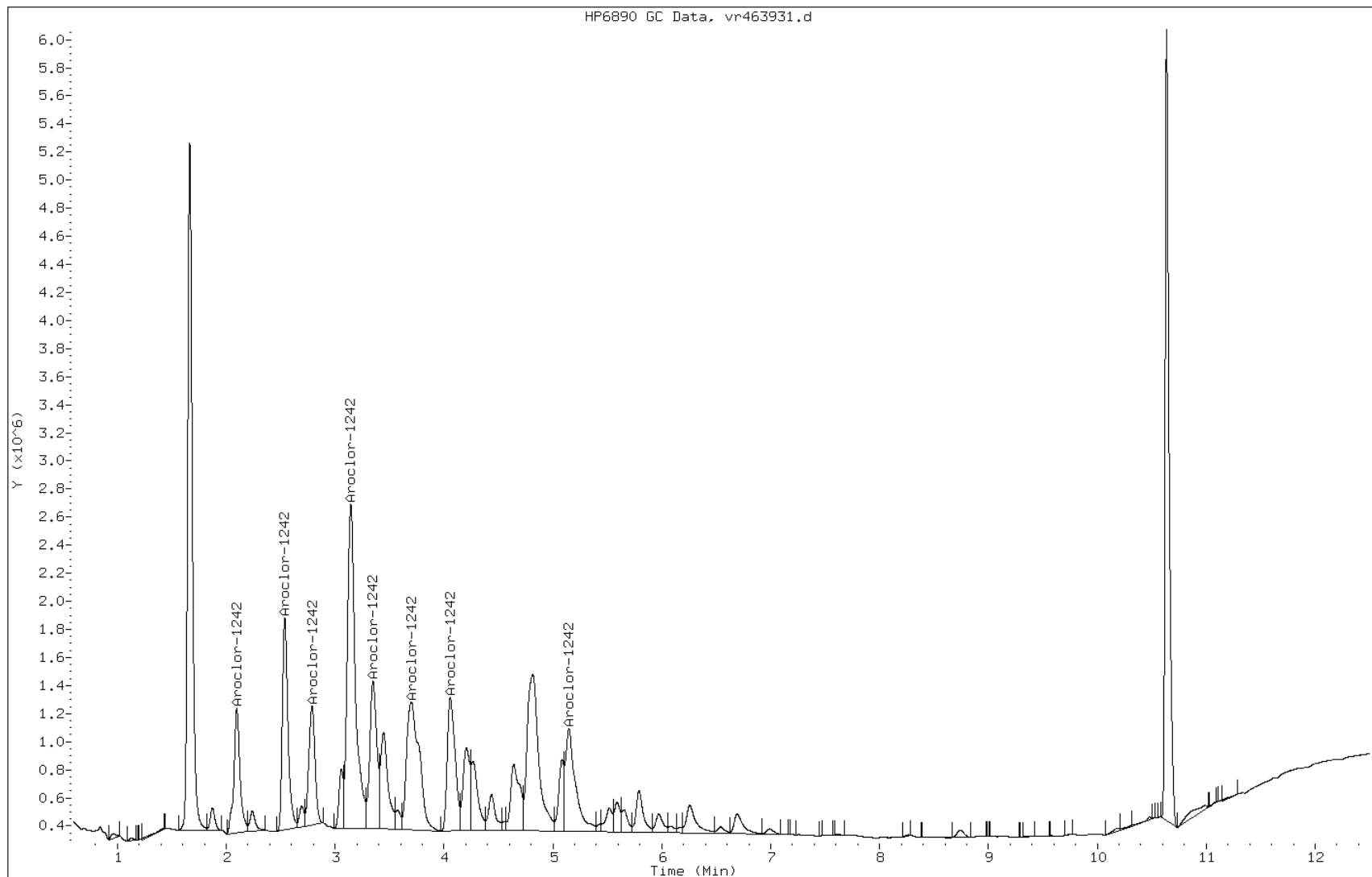
Date: 30-AUG-2011 17:13

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1242L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.651										3.587 - 3.727	3.651
PCB-1248 Peak 2	4.493										4.430 - 4.570	4.493
PCB-1248 Peak 3	4.737										4.673 - 4.813	4.737
PCB-1248 Peak 4	5.107										5.044 - 5.184	5.107
PCB-1248 Peak 5	5.565										5.503 - 5.643	5.565
PCB-1248 Peak 6	5.775										5.712 - 5.852	5.775
PCB-1248 Peak 7	6.111										6.048 - 6.188	6.111
PCB-1248 Peak 8	6.292										6.228 - 6.368	6.292

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.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	1888.1				Ave		1910.94300						20.0			
PCB-1248 Peak 2	4973.4				Ave		5059.44000						20.0			
PCB-1248 Peak 3	2048.2				Ave		2125.34000						20.0			
PCB-1248 Peak 4	3075.9				Ave		3081.73800						20.0			
PCB-1248 Peak 5	3978.1				Ave		4154.38500						20.0			
PCB-1248 Peak 6	4227.7				Ave		4441.09100						20.0			
PCB-1248 Peak 7	2497.4				Ave		2525.67200						20.0			
PCB-1248 Peak 8	5873.1				Ave		5893.34200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vf463932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	1888112					1000				
PCB-1248 Peak 2	Ave	4973413					1000				
PCB-1248 Peak 3	Ave	2048226					1000				
PCB-1248 Peak 4	Ave	3075888					1000				
PCB-1248 Peak 5	Ave	3978142					1000				
PCB-1248 Peak 6	Ave	4227663					1000				
PCB-1248 Peak 7	Ave	2497418					1000				
PCB-1248 Peak 8	Ave	5873087					1000				

Curve Type Legend:

Ave = Average

Data File: vf463932.d
Report Date: 30-Aug-2011 23:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463932.d
Lab Smp Id: IC SG1248L3_00011
Inj Date : 30-AUG-2011 17:29
Operator : 615
Smp Info : IC SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
3.651	3.657	-0.006	1888112	1000.00	1000	80.00-	120.00	100.00(M)	
4.493	4.500	-0.007	4973413	1000.00	1000	211.81-	317.71	263.41	
4.737	4.743	-0.006	2048226	1000.00	1000	88.98-	133.46	108.48	
5.107	5.114	-0.007	3075888	1000.00	1000	129.01-	193.52	162.91	
5.565	5.573	-0.008	3978142	1000.00	1000	173.92-	260.88	210.69	
5.775	5.782	-0.007	4227663	1000.00	1000	185.92-	278.88	223.91	
6.111	6.118	-0.007	2497418	1000.00	1000	105.74-	158.60	132.27	
6.292	6.298	-0.006	5873087	1000.00	1000	246.72-	370.08	311.06	
Average of Peak Amounts =					1e+03				

Data File: vf463932.d
Report Date: 30-Aug-2011 23:37

QC Flag Legend

M - Compound response manually integrated.

Data File: vf463932.d

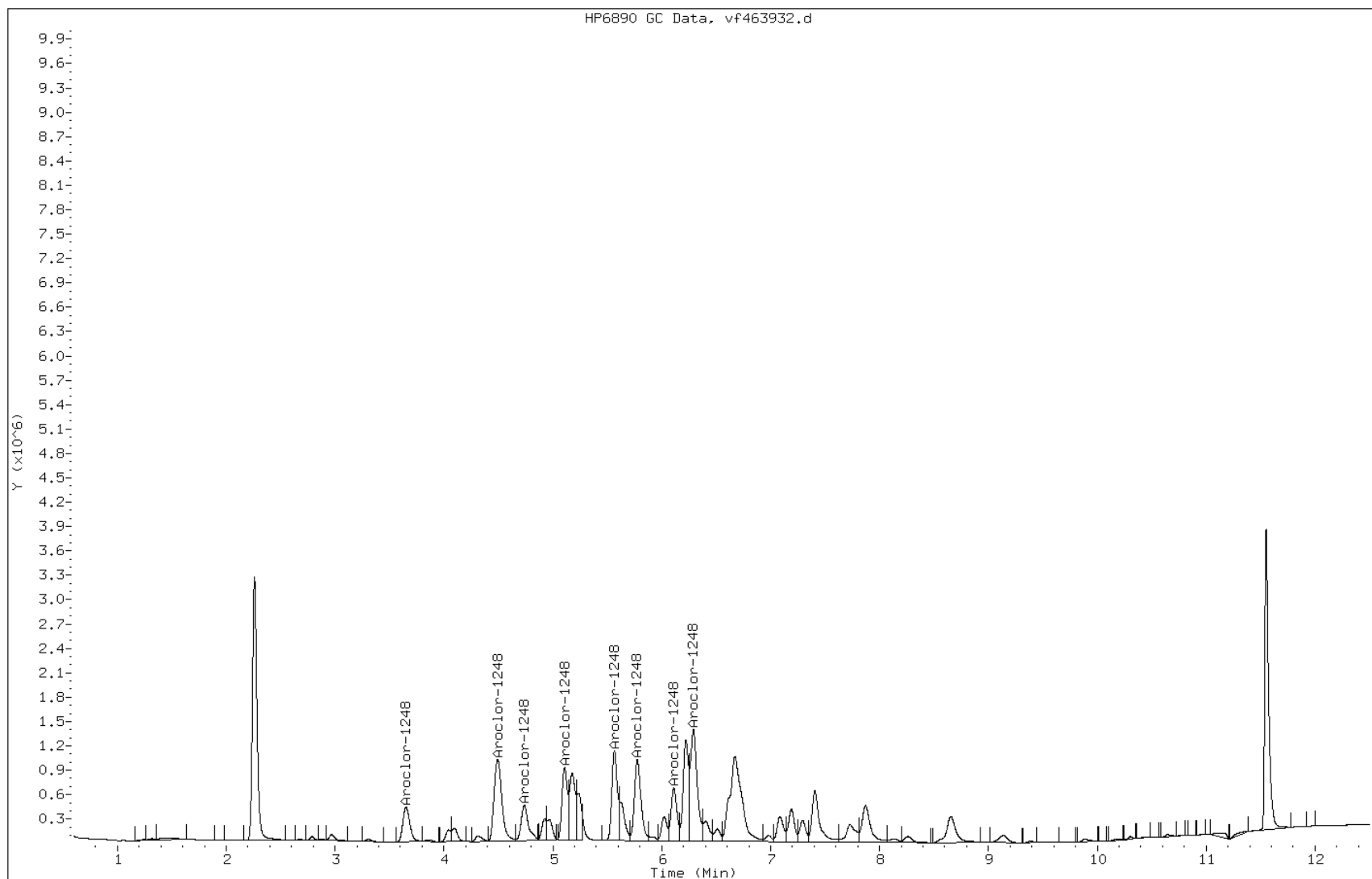
Date: 30-AUG-2011 17:29

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1248L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.535										2.465 - 2.605	2.535
PCB-1248 Peak 2	3.142										3.072 - 3.212	3.142
PCB-1248 Peak 3	3.357										3.287 - 3.427	3.357
PCB-1248 Peak 4	3.693										3.623 - 3.763	3.693
PCB-1248 Peak 5	4.057										3.987 - 4.127	4.057
PCB-1248 Peak 6	4.203										4.133 - 4.273	4.203
PCB-1248 Peak 7	4.641										4.571 - 4.711	4.641
PCB-1248 Peak 8	5.146										5.076 - 5.216	5.146

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.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	2776.4				Ave		2776.37300						20.0			
PCB-1248 Peak 2	8382.0				Ave		8381.98900						20.0			
PCB-1248 Peak 3	2964.7				Ave		2964.69200						20.0			
PCB-1248 Peak 4	11830				Ave		11829.9840						20.0			
PCB-1248 Peak 5	7555.1				Ave		7555.08700						20.0			
PCB-1248 Peak 6	4417.2				Ave		4417.19100						20.0			
PCB-1248 Peak 7	2907.8				Ave		2907.82400						20.0			
PCB-1248 Peak 8	9482.3				Ave		9482.29900						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:29 Calibration End Date: 08/30/2011 17:29 Calibration ID: 12063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/13	vr463932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	2776373					1000				
PCB-1248 Peak 2	Ave	8381989					1000				
PCB-1248 Peak 3	Ave	2964692					1000				
PCB-1248 Peak 4	Ave	11829984					1000				
PCB-1248 Peak 5	Ave	7555087					1000				
PCB-1248 Peak 6	Ave	4417191					1000				
PCB-1248 Peak 7	Ave	2907824					1000				
PCB-1248 Peak 8	Ave	9482299					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463932.d
Lab Smp Id: IC SG1248L3_00011
Inj Date : 30-AUG-2011 17:29
Operator : 615
Smp Info : IC SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 13 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248				CAS #: 12672-29-6		
2.535	2.535	0.000	2776373 1000.00	1000	80.00- 120.00	100.00
3.142	3.142	0.000	8381989 1000.00	1000	241.52- 362.29	301.90
3.357	3.357	0.000	2964692 1000.00	1000	85.43- 128.14	106.78
3.693	3.693	0.000	11829984 1000.00	1000	340.88- 511.31	426.09
4.057	4.057	0.000	7555087 1000.00	1000	217.70- 326.54	272.12
4.203	4.203	0.000	4417191 1000.00	1000	127.28- 190.92	159.10
4.641	4.641	0.000	2907824 1000.00	1000	83.79- 125.68	104.73
5.146	5.146	0.000	9482299 1000.00	1000	273.23- 409.84	341.54
Average of Peak Amounts =				1e+03		

Data File: vr463932.d

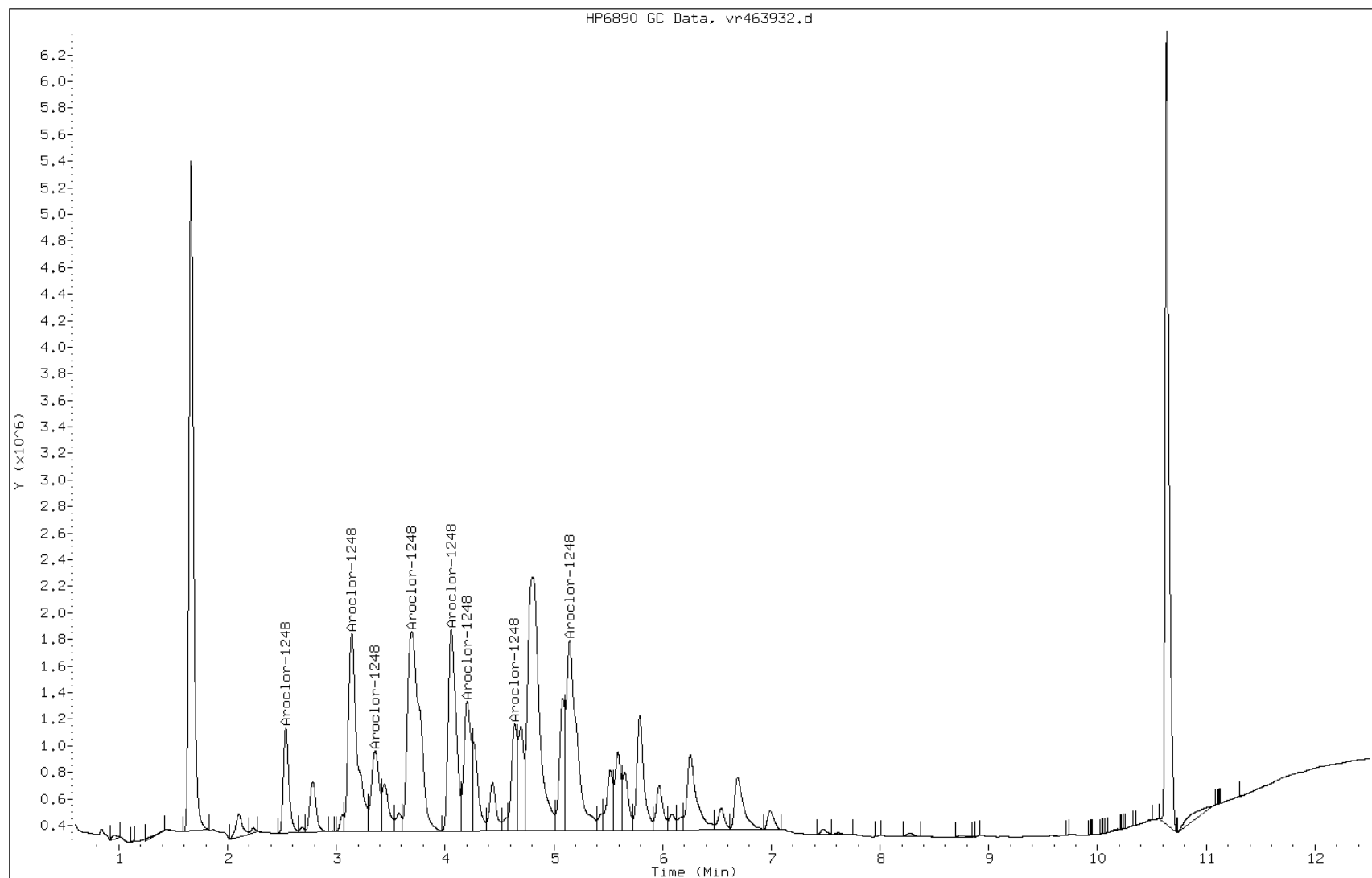
Date: 30-AUG-2011 17:29

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1248L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.108										5.043 - 5.183	5.108
PCB-1254 Peak 2	6.282										6.218 - 6.358	6.282
PCB-1254 Peak 3	6.612										6.548 - 6.688	6.612
PCB-1254 Peak 4	7.193										7.129 - 7.269	7.193
PCB-1254 Peak 5	7.407										7.344 - 7.484	7.407
PCB-1254 Peak 6	7.870										7.807 - 7.947	7.870
PCB-1254 Peak 7	8.260										8.198 - 8.338	8.260
PCB-1254 Peak 8	8.650										8.586 - 8.726	8.650

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.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	3526.7				Ave		2658.26300						20.0			
PCB-1254 Peak 2	5382.7				Ave		5347.57900						20.0			
PCB-1254 Peak 3	5471.6				Ave		5533.71600						20.0			
PCB-1254 Peak 4	3740.9				Ave		3889.80500						20.0			
PCB-1254 Peak 5	8212.2				Ave		8538.26600						20.0			
PCB-1254 Peak 6	6454.0				Ave		6809.74000						20.0			
PCB-1254 Peak 7	4548.3				Ave		4813.39100						20.0			
PCB-1254 Peak 8	4283.4				Ave		4642.83200						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vf463933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	3526706					1000				
PCB-1254 Peak 2	Ave	5382658					1000				
PCB-1254 Peak 3	Ave	5471570					1000				
PCB-1254 Peak 4	Ave	3740934					1000				
PCB-1254 Peak 5	Ave	8212216					1000				
PCB-1254 Peak 6	Ave	6453962					1000				
PCB-1254 Peak 7	Ave	4548310					1000				
PCB-1254 Peak 8	Ave	4283375					1000				

Curve Type Legend:

Ave = Average

Data File: vf463933.d
Report Date: 30-Aug-2011 23:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/vf463933.d
Lab Smp Id: IC SG1254L3_00011
Inj Date : 30-AUG-2011 17:45
Operator : 615
Smp Info : IC SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Aug11/08-30-11aical/30aug11a.b/08Vf8082.m
Meth Date : 24-Aug-2011 14:30 diazc
Cal Date : 19-AUG-2011 15:08
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	RATIO
			RESPONSE	(ug/L)	(ug/L)	
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
5.108	5.113	-0.005	3526706	1000.00	1000 80.00- 120.00	100.00
6.282	6.288	-0.006	5382658	1000.00	1000 160.93- 241.40	152.63
6.612	6.618	-0.006	5471570	1000.00	1000 166.54- 249.80	155.15
7.193	7.199	-0.006	3740934	1000.00	1000 117.06- 175.59	106.07
7.407	7.414	-0.007	8212216	1000.00	1000 256.96- 385.44	232.86
7.870	7.877	-0.007	6453962	1000.00	1000 204.94- 307.41	183.00
8.260	8.268	-0.008	4548310	1000.00	1000 144.86- 217.29	128.97
8.650	8.656	-0.006	4283375	1000.00	1000 139.73- 209.59	121.46
Average of Peak Amounts =			1e+03			

Data File: vf463933.d

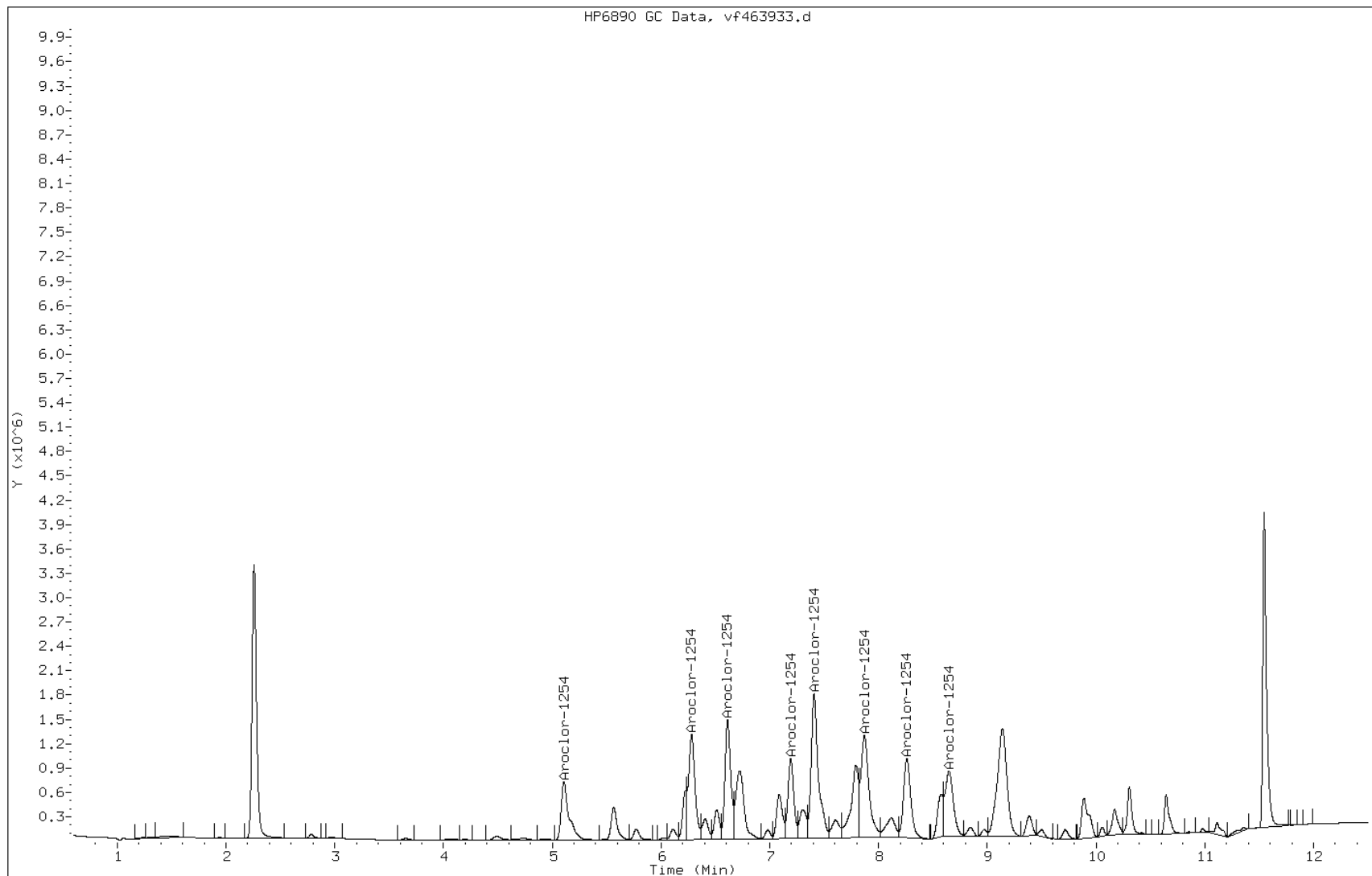
Date: 30-AUG-2011 17:45

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1254L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.703										4.633 - 4.773	4.703
PCB-1254 Peak 2	4.785										4.715 - 4.855	4.785
PCB-1254 Peak 3	5.147										5.077 - 5.217	5.147
PCB-1254 Peak 4	5.589										5.519 - 5.659	5.589
PCB-1254 Peak 5	6.089										6.019 - 6.159	6.089
PCB-1254 Peak 6	6.252										6.182 - 6.322	6.252
PCB-1254 Peak 7	6.541										6.471 - 6.611	6.541
PCB-1254 Peak 8	6.989										6.919 - 7.059	6.989

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.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	6979.2				Ave		6979.18900						20.0			
PCB-1254 Peak 2	5587.1				Ave		5587.09300						20.0			
PCB-1254 Peak 3	9645.2				Ave		9645.17400						20.0			
PCB-1254 Peak 4	6752.5				Ave		6752.50600						20.0			
PCB-1254 Peak 5	6327.0				Ave		6327.03200						20.0			
PCB-1254 Peak 6	10376				Ave		10376.2700						20.0			
PCB-1254 Peak 7	10545				Ave		10544.6050						20.0			
PCB-1254 Peak 8	12896				Ave		12895.9410						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-31330-1 Analy Batch No.: 84689

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/30/2011 17:45 Calibration End Date: 08/30/2011 17:45 Calibration ID: 12064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-84689/14	vr463933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	6979189					1000				
PCB-1254 Peak 2	Ave	5587093					1000				
PCB-1254 Peak 3	Ave	9645174					1000				
PCB-1254 Peak 4	Ave	6752506					1000				
PCB-1254 Peak 5	Ave	6327032					1000				
PCB-1254 Peak 6	Ave	10376270					1000				
PCB-1254 Peak 7	Ave	10544605					1000				
PCB-1254 Peak 8	Ave	12895941					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/vr463933.d
Lab Smp Id: IC SG1254L3_00011
Inj Date : 30-AUG-2011 17:45
Operator : 615
Smp Info : IC SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b/08Vr8082.m
Meth Date : 30-Aug-2011 23:29 diazc Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 14 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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			
4.703	4.703	0.000	6979189	1000.00	1000	80.00-	120.00	100.00(M)
4.785	4.785	0.000	5587093	1000.00	1000	64.04-	96.06	80.05
5.147	5.147	0.000	9645174	1000.00	1000	110.56-	165.84	138.20
5.589	5.589	0.000	6752506	1000.00	1000	77.40-	116.10	96.75
6.089	6.089	0.000	6327032	1000.00	1000	72.52-	108.79	90.66
6.252	6.252	0.000	10376270	1000.00	1000	118.94-	178.41	148.67
6.541	6.541	0.000	10544605	1000.00	1000	120.87-	181.30	151.09
6.989	6.989	0.000	12895941	1000.00	1000	147.82-	221.73	184.78
Average of Peak Amounts =					1e+03			

Data File: vr463933.d
Report Date: 30-Aug-2011 23:38

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr463933.d

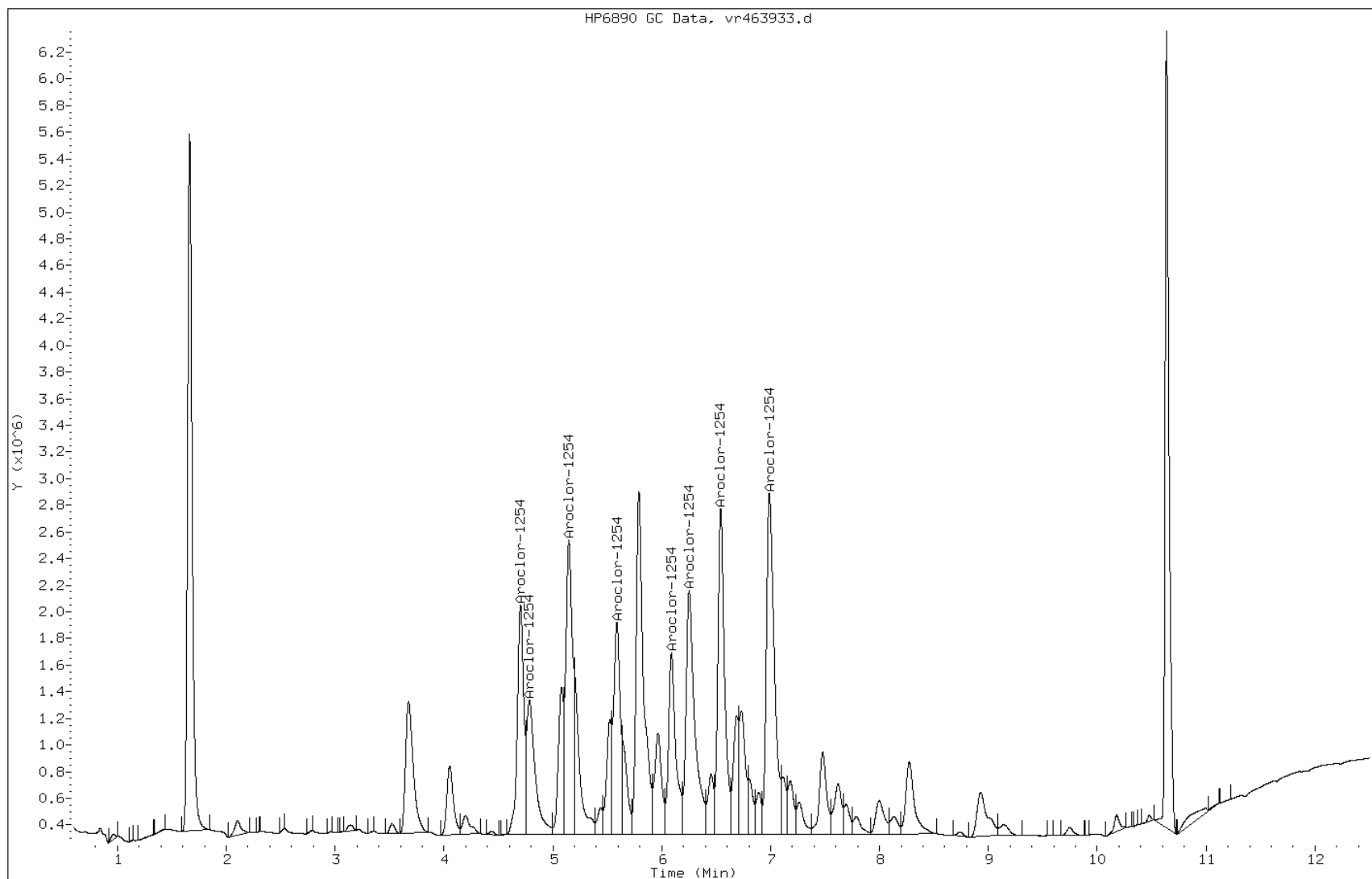
Date: 30-AUG-2011 17:45

Client ID:

Instrument: PESTGC9.i

Sample Info: IC SG1254L3_00011

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86978/4 Calibration Date: 09/22/2011 08:30
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vf464739.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	2126	2033		956	1000	-4.4	15.0
PCB-1016 Peak 2	Ave	4258	4454		1050	1000	4.6	15.0
PCB-1016 Peak 3	Ave	1893	1930		1020	1000	1.9	15.0
PCB-1016 Peak 4	Ave	8896	8316		935	1000	-6.5	15.0
PCB-1016 Peak 5	Ave	4087	3966		970	1000	-3.0	15.0
PCB-1016 Peak 6	Ave	2333	2383		1020	1000	2.1	15.0
PCB-1016 Peak 7	Ave	2951	2564		869	1000	-13.1	15.0
PCB-1016 Peak 8	Ave	2636	2614		992	1000	-0.8	15.0
PCB-1260 Peak 1	Ave	3023	3178		1050	1000	5.1	15.0
PCB-1260 Peak 2	Ave	6401	6265		979	1000	-2.1	15.0
PCB-1260 Peak 3	Ave	7684	7393		962	1000	-3.8	15.0
PCB-1260 Peak 4	Ave	5236	5071		968	1000	-3.2	15.0
PCB-1260 Peak 5	Ave	2755	2645		960	1000	-4.0	15.0
PCB-1260 Peak 6	Ave	4655	4755		1020	1000	2.2	15.0
PCB-1260 Peak 7	Ave	11057	9921		897	1000	-10.3	15.0
PCB-1260 Peak 8	Ave	2713	2409		888	1000	-11.2	15.0
DCB Decachlorobiphenyl	Ave	82608	72114		87.3	100	-12.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86978/4 Calibration Date: 09/22/2011 08:30
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vf464739.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.98	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.51	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.37	9.30	9.44
PCB-1260 Peak 5	9.49	9.42	9.56
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.11	11.05	11.19
DCB Decachlorobiphenyl	11.54	11.46	11.66

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464739.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 22-SEP-2011 08:30
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi
Cal Date : 19-AUG-2011 15:08
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration 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								
RT	EXP RT	DLT RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2			
2.977	2.974	0.003	2032621	1000.00	960	80.00-	120.00	100.00(M)
3.662	3.659	0.003	4453745	1000.00	1000	157.40-	236.10	219.11
4.102	4.100	0.002	1929505	1000.00	1000	73.16-	109.73	94.93
4.506	4.504	0.002	8316243	1000.00	930	295.62-	443.44	409.14
4.748	4.746	0.002	3966165	1000.00	970	140.08-	210.13	195.13
5.180	5.180	0.000	2382627	1000.00	1000	84.02-	126.03	117.22
5.567	5.567	0.000	2564434	1000.00	870	89.74-	134.61	126.16
5.777	5.778	-0.001	2614322	1000.00	990	92.81-	139.21	128.62
Average of Peak Amounts =					976			

27 Aroclor-1260					CAS #: 11096-82-5			
7.476	7.476	0.000	3177565	1000.00	1000	80.00-	120.00	100.00

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.789	7.790	-0.001	6264778	1000.00	980	160.23-	240.34	197.16
8.256	8.256	0.000	7393401	1000.00	960	187.70-	281.55	232.68
9.372	9.375	-0.003	5071051	1000.00	970	134.91-	202.37	159.59
9.493	9.494	-0.001	2644991	1000.00	960	71.98-	107.97	83.24
9.938	9.939	-0.001	4754698	1000.00	1000	126.09-	189.14	149.63
10.303	10.303	0.000	9920758	1000.00	900	254.52-	381.78	312.21
11.109	11.117	-0.008	2408916	1000.00	890	60.36-	90.54	75.81
Average of Peak Amounts =					966			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.541	11.560	-0.019	7211362	100.000	87	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464739.d

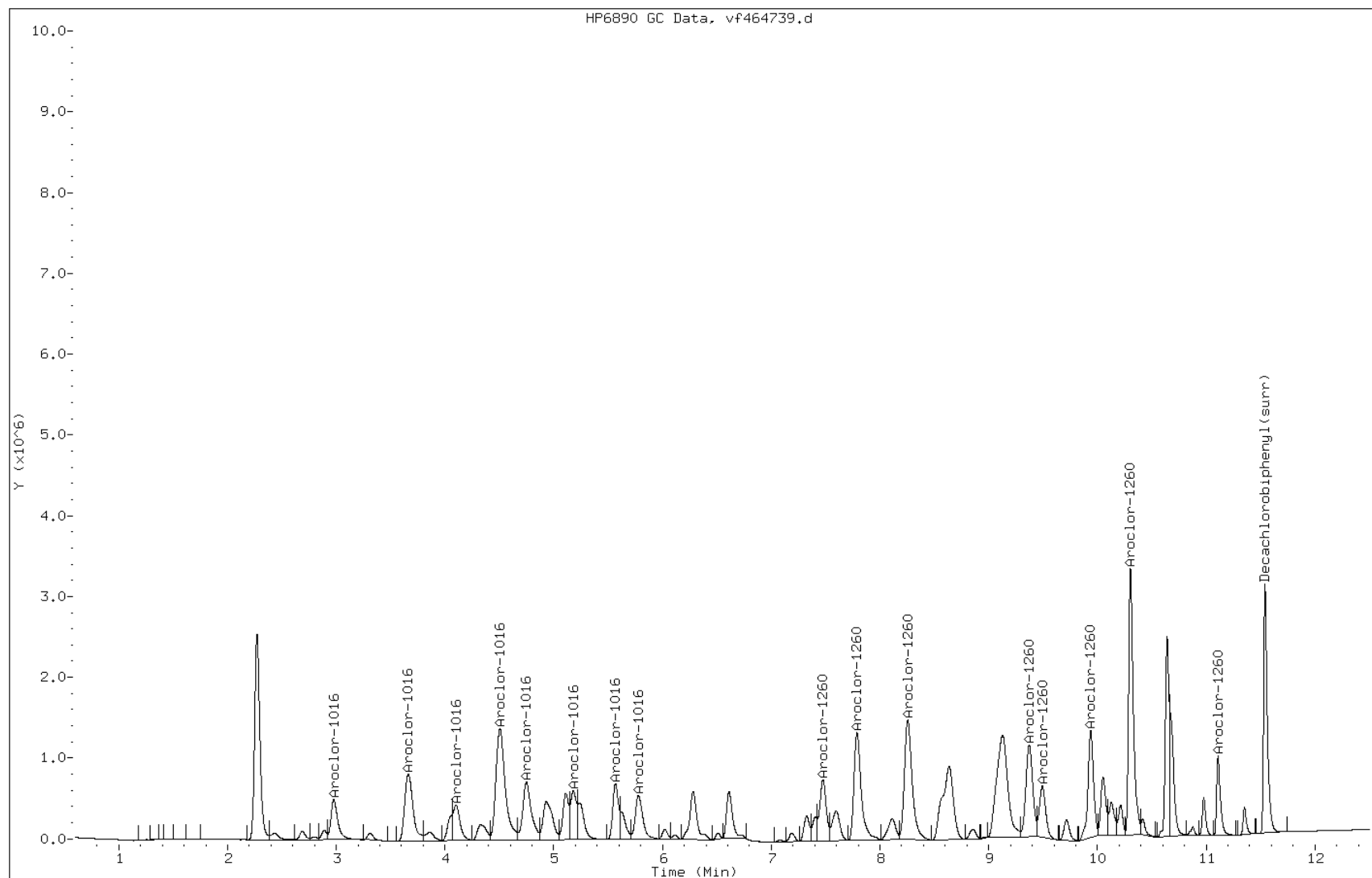
Date: 22-SEP-2011 08:30

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86978/4 Calibration Date: 09/22/2011 08:30
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vr464739.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	3632	3413		940	1000	-6.0	15.0
PCB-1016 Peak 2	Ave	6345	6470		1020	1000	2.0	15.0
PCB-1016 Peak 3	Ave	4056	4824		1190	1000	18.9*	15.0
PCB-1016 Peak 4	Ave	14226	13373		940	1000	-6.0	15.0
PCB-1016 Peak 5	Ave	5396	5485		1020	1000	1.6	15.0
PCB-1016 Peak 6	Ave	3452	3756		1090	1000	8.8	15.0
PCB-1016 Peak 7	Ave	5033	5523		1100	1000	9.7	15.0
PCB-1016 Peak 8	Ave	2492	2602		1040	1000	4.4	15.0
PCB-1260 Peak 1	Ave	8250	8939		1080	1000	8.4	15.0
PCB-1260 Peak 2	Ave	15798	16242		1030	1000	2.8	15.0
PCB-1260 Peak 3	Ave	14246	14373		1010	1000	0.9	15.0
PCB-1260 Peak 4	Ave	7918	8383		1060	1000	5.9	15.0
PCB-1260 Peak 5	Ave	7247	7089		978	1000	-2.2	15.0
PCB-1260 Peak 6	Ave	8055	6765		840	1000	-16.0*	15.0
PCB-1260 Peak 7	Ave	4778	5434		1140	1000	13.7	15.0
PCB-1260 Peak 8	Ave	5444	6241		1150	1000	14.6	15.0
DCB Decachlorobiphenyl	Ave	122951	125928		102	100	2.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-86978/4 Calibration Date: 09/22/2011 08:30
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vr464739.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.55	2.47	2.61
PCB-1016 Peak 3	2.80	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.29	3.43
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
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	7.55	7.69
PCB-1260 Peak 6	8.92	8.85	8.99
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

Data File: vr464739.d
 Report Date: 22-Sep-2011 12:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464739.d
 Lab Smp Id: CCVRTSG1660L3_00013
 Inj Date : 22-SEP-2011 08:30
 Operator : 615
 Smp Info : CCVRT-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
 Meth Date : 22-Sep-2011 12:36 shanthi
 Cal Date : 30-AUG-2011 18:17
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vr463935.d
 Continuing Calibration Sample
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.110	2.110	0.000	3413135 1000.00	940 80.00- 120.00	100.00(M)	
2.547	2.547	0.000	6469825 1000.00	1000 151.65- 227.47	189.56	
2.796	2.796	0.000	4823897 1000.00	1200 113.07- 169.60	141.33	
3.155	3.155	0.000	13373327 1000.00	940 313.46- 470.18	391.82	
3.361	3.361	0.000	5484934 1000.00	1000 128.56- 192.84	160.70	
3.452	3.452	0.000	3755792 1000.00	1100 88.03- 132.05	110.04	
4.065	4.065	0.000	5523319 1000.00	1100 129.46- 194.19	161.83	
4.212	4.212	0.000	2602310 1000.00	1000 61.00- 91.49	76.24	
Average of Peak Amounts =			1.04e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.087	6.087	0.000	8938759 1000.00	1100 80.00- 120.00	100.00(M)	

Data File: vr464739.d
 Report Date: 22-Sep-2011 12:36

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.540	6.540	0.000	16241665	1000.00	1000	145.36-	218.04	181.70	
6.985	6.985	0.000	14373125	1000.00	1000	128.64-	192.95	160.80	
7.179	7.179	0.000	8383123	1000.00	1000	75.03-	112.54	93.78	
7.616	7.616	0.000	7089147	1000.00	980	63.45-	95.17	79.31	
8.916	8.916	0.000	6764908	1000.00	840	60.54-	90.82	75.68	
9.011	9.011	0.000	5433793	1000.00	1100	48.63-	72.95	60.79	
9.131	9.131	0.000	6240913	1000.00	1100	55.85-	83.78	69.82	
Average of Peak Amounts =					1.04e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.632	10.632	0.000	12592774	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86978/13 Calibration Date: 09/22/2011 11:49
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vf464748.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	2126	2316		1090	1000	8.9	15.0
PCB-1016 Peak 2	Ave	4258	4557		1070	1000	7.0	15.0
PCB-1016 Peak 3	Ave	1893	2118		1120	1000	11.9	15.0
PCB-1016 Peak 4	Ave	8896	8559		962	1000	-3.8	15.0
PCB-1016 Peak 5	Ave	4087	4056		992	1000	-0.8	15.0
PCB-1016 Peak 6	Ave	2333	2433		1040	1000	4.3	15.0
PCB-1016 Peak 7	Ave	2951	2598		880	1000	-12.0	15.0
PCB-1016 Peak 8	Ave	2636	2687		1020	1000	1.9	15.0
PCB-1260 Peak 1	Ave	3023	3307		1090	1000	9.4	15.0
PCB-1260 Peak 2	Ave	6401	6624		1030	1000	3.5	15.0
PCB-1260 Peak 3	Ave	7684	7760		1010	1000	1.0	15.0
PCB-1260 Peak 4	Ave	5236	5578		1070	1000	6.5	15.0
PCB-1260 Peak 5	Ave	2755	2976		1080	1000	8.0	15.0
PCB-1260 Peak 6	Ave	4655	5213		1120	1000	12.0	15.0
PCB-1260 Peak 7	Ave	11057	10523		952	1000	-4.8	15.0
PCB-1260 Peak 8	Ave	2713	2495		920	1000	-8.0	15.0
DCB Decachlorobiphenyl	Ave	82608	73956		89.5	100	-10.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86978/13 Calibration Date: 09/22/2011 11:49
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vf464748.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.37	9.30	9.44
PCB-1260 Peak 5	9.49	9.42	9.56
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.30	10.23	10.37
PCB-1260 Peak 8	11.12	11.05	11.19
DCB Decachlorobiphenyl	11.56	11.46	11.66

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464748.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 22-SEP-2011 11:49
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi
Cal Date : 19-AUG-2011 15:08
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.974	2.974	0.000	2316293	1000.00	1100	80.00-	120.00	100.00(M)	
3.659	3.659	0.000	4557268	1000.00	1100	157.40-	236.10	196.75	
4.100	4.100	0.000	2118111	1000.00	1100	73.16-	109.73	91.44	
4.504	4.504	0.000	8559396	1000.00	960	295.62-	443.44	369.53	
4.746	4.746	0.000	4055943	1000.00	990	140.08-	210.13	175.10	
5.180	5.180	0.000	2432702	1000.00	1000	84.02-	126.03	105.03	
5.567	5.567	0.000	2598219	1000.00	880	89.74-	134.61	112.17	
5.778	5.778	0.000	2687079	1000.00	1000	92.81-	139.21	116.01	
Average of Peak Amounts =					1.02e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.476	7.476	0.000	3307495	1000.00	1100	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.790	7.790	0.000	6624386	1000.00	1000	160.23-	240.34	200.28	
8.256	8.256	0.000	7760179	1000.00	1000	187.70-	281.55	234.62	
9.375	9.375	0.000	5577691	1000.00	1100	134.91-	202.37	168.64	
9.494	9.494	0.000	2975993	1000.00	1100	71.98-	107.97	89.98	
9.939	9.939	0.000	5213047	1000.00	1100	126.09-	189.14	157.61	
10.303	10.303	0.000	10522741	1000.00	950	254.52-	381.78	318.15	
11.117	11.117	0.000	2495408	1000.00	920	60.36-	90.54	75.45	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.560	11.560	0.000	7395594	100.000	90	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464748.d

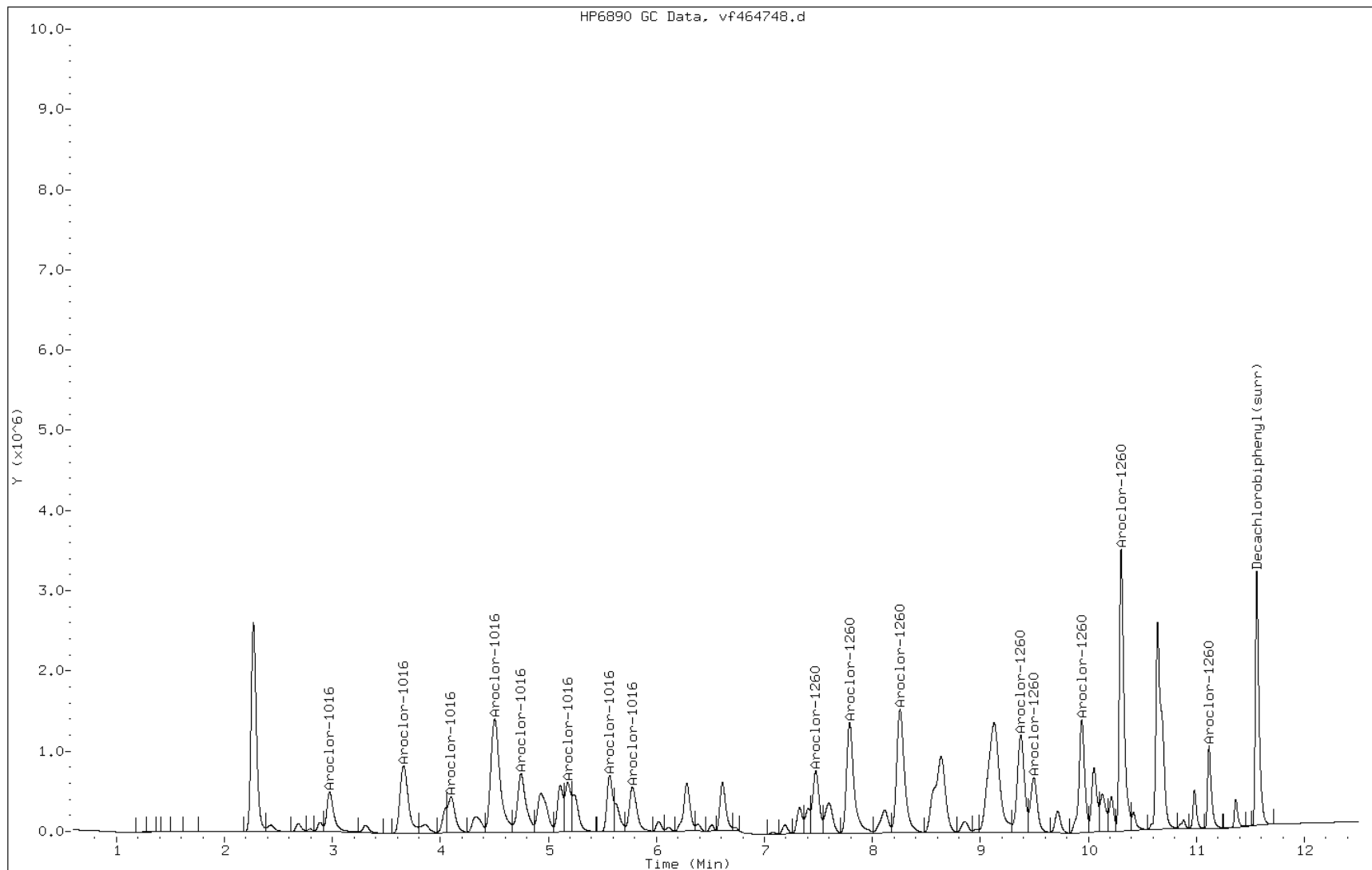
Date: 22-SEP-2011 11:49

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86978/13 Calibration Date: 09/22/2011 11:49
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vr464748.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	3632	3584		987	1000	-1.3	15.0
PCB-1016 Peak 2	Ave	6345	6465		1020	1000	1.9	15.0
PCB-1016 Peak 3	Ave	4056	4544		1120	1000	12.0	15.0
PCB-1016 Peak 4	Ave	14226	13261		932	1000	-6.8	15.0
PCB-1016 Peak 5	Ave	5396	5418		1000	1000	0.4	15.0
PCB-1016 Peak 6	Ave	3452	3444		998	1000	-0.2	15.0
PCB-1016 Peak 7	Ave	5033	5253		1040	1000	4.4	15.0
PCB-1016 Peak 8	Ave	2492	2419		970	1000	-3.0	15.0
PCB-1260 Peak 1	Ave	8250	9093		1100	1000	10.2	15.0
PCB-1260 Peak 2	Ave	15798	16625		1050	1000	5.2	15.0
PCB-1260 Peak 3	Ave	14246	14806		1040	1000	3.9	15.0
PCB-1260 Peak 4	Ave	7918	8456		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	7247	7261		1000	1000	0.2	15.0
PCB-1260 Peak 6	Ave	8055	7249		900	1000	-10.0	15.0
PCB-1260 Peak 7	Ave	4778	5360		1120	1000	12.2	15.0
PCB-1260 Peak 8	Ave	5444	6203		1140	1000	13.9	15.0
DCB Decachlorobiphenyl	Ave	122951	127117		103	100	3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: CCV 460-86978/13 Calibration Date: 09/22/2011 11:49
 Instrument ID: PESTGC9 Calib Start Date: 08/30/2011 15:06
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 08/30/2011 16:26
 Lab File ID: vr464748.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.11	2.04	2.18
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.08	3.22
PCB-1016 Peak 5	3.36	3.29	3.43
PCB-1016 Peak 6	3.45	3.38	3.52
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
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	7.55	7.69
PCB-1260 Peak 6	8.92	8.85	8.99
PCB-1260 Peak 7	9.01	8.94	9.08
PCB-1260 Peak 8	9.13	9.06	9.20
DCB Decachlorobiphenyl	10.63	10.53	10.73

Data File: vr464748.d
Report Date: 22-Sep-2011 12:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464748.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 22-SEP-2011 11:49
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
Meth Date : 22-Sep-2011 12:38 shanthi
Cal Date : 30-AUG-2011 18:17
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr463935.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.107	2.107	0.000	3583501 1000.00	990	80.00- 120.00	100.00(M)
2.545	2.545	0.000	6465153 1000.00	1000	144.33- 216.50	180.41
2.795	2.795	0.000	4544008 1000.00	1100	101.44- 152.16	126.80
3.153	3.153	0.000	13261107 1000.00	930	296.05- 444.07	370.06
3.357	3.357	0.000	5417862 1000.00	1000	120.95- 181.43	151.19
3.447	3.447	0.000	3443709 1000.00	1000	76.88- 115.32	96.10
4.061	4.061	0.000	5253466 1000.00	1000	117.28- 175.92	146.60
4.211	4.211	0.000	2418585 1000.00	970	53.99- 80.99	67.49
Average of Peak Amounts =				1.01e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
6.087	6.087	0.000	9092769 1000.00	1100	80.00- 120.00	100.00

Data File: vr464748.d
 Report Date: 22-Sep-2011 12:38

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.540	6.540	0.000	16624967	1000.00	1000	146.27-	219.40	182.84	
6.985	6.985	0.000	14805838	1000.00	1000	130.26-	195.40	162.83	
7.180	7.180	0.000	8455896	1000.00	1100	74.40-	111.59	93.00	
7.617	7.617	0.000	7261420	1000.00	1000	63.89-	95.83	79.86	
8.915	8.915	0.000	7249160	1000.00	900	63.78-	95.67	79.72	
9.010	9.010	0.000	5360487	1000.00	1100	47.16-	70.74	58.95	
9.132	9.132	0.000	6203381	1000.00	1100	54.58-	81.87	68.22	
Average of Peak Amounts =					1.05e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.634	10.634	0.000	12711664	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464748.d

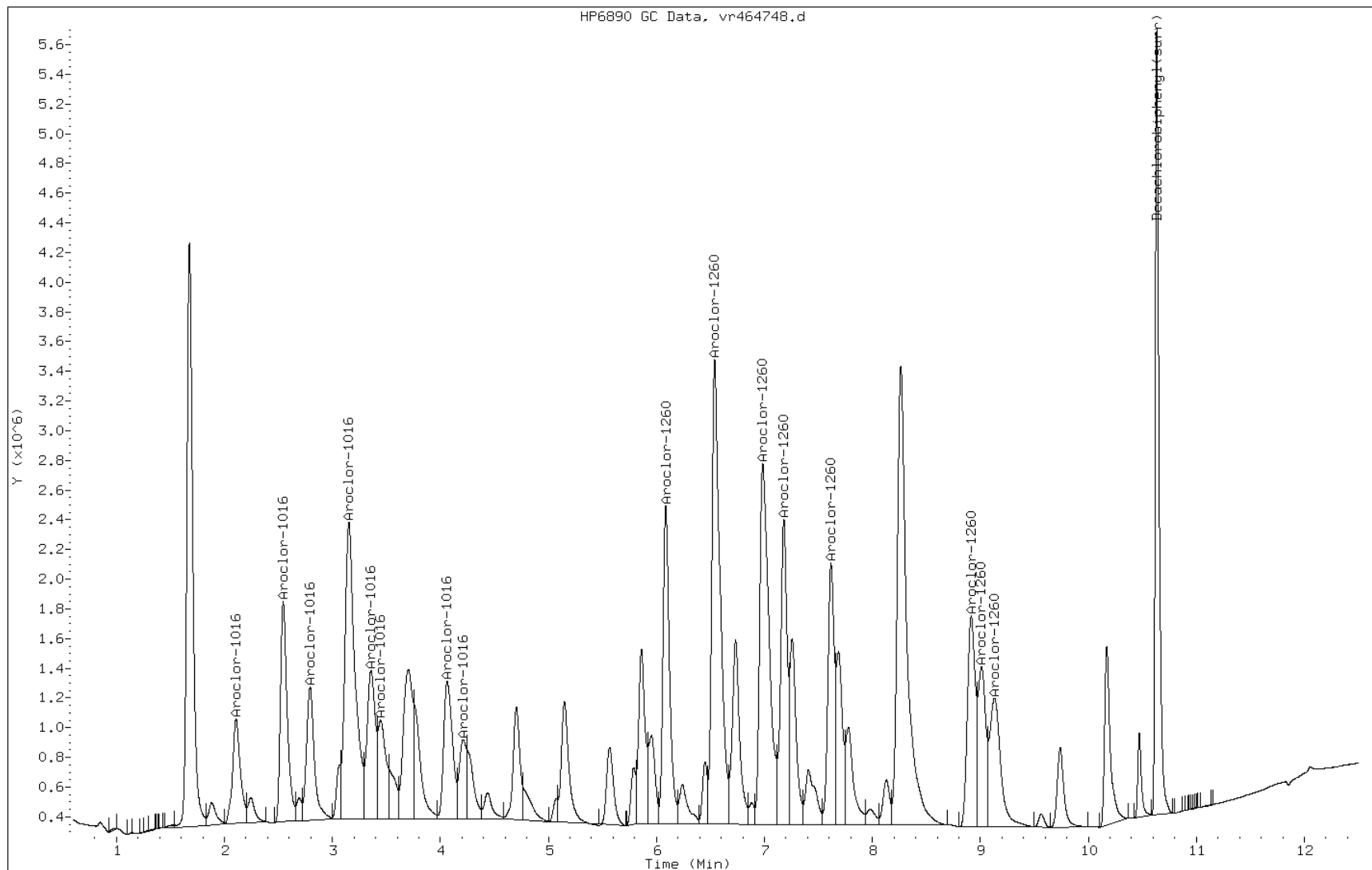
Date: 22-SEP-2011 11:49

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-86887/1-A
Matrix: Solid Lab File ID: vf464740.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 09:42
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.: 86978 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		30-150

Data File: vf464740.d
Report Date: 22-Sep-2011 12:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464740.d
Lab Smp Id: MB 460-86887/1-A
Inj Date : 22-SEP-2011 09:42
Operator : 615
Smp Info : MB 460-86887/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi
Cal Date : 19-AUG-2011 15:08
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
11.566	11.560	0.006	5073929	61.4219	41 80.00- 120.00	100.00

Data File: vf464740.d

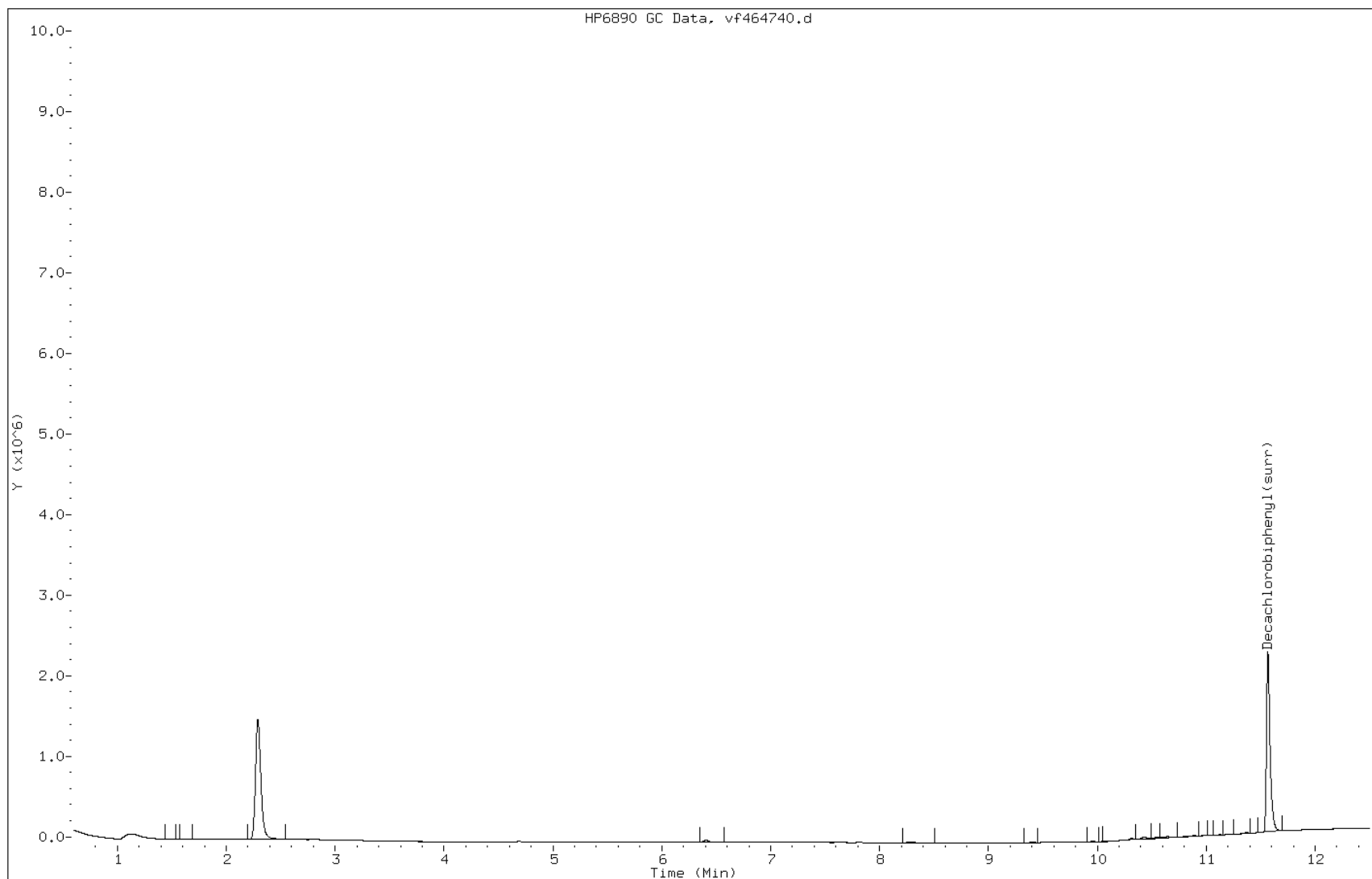
Date: 22-SEP-2011 09:42

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-86887/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-86887/1-A
 Matrix: Solid Lab File ID: vr464740.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 09:42
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	67	U	67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	67	U	67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464740.d
Lab Smp Id: MB 460-86887/1-A
Inj Date : 22-SEP-2011 09:42
Operator : 615
Smp Info : MB 460-86887/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
Meth Date : 22-Sep-2011 12:38 shanthi
Cal Date : 30-AUG-2011 18:17
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr463935.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.635	10.634	0.001	8642708	70.2939	47 80.00- 120.00	100.00

Data File: vr464740.d

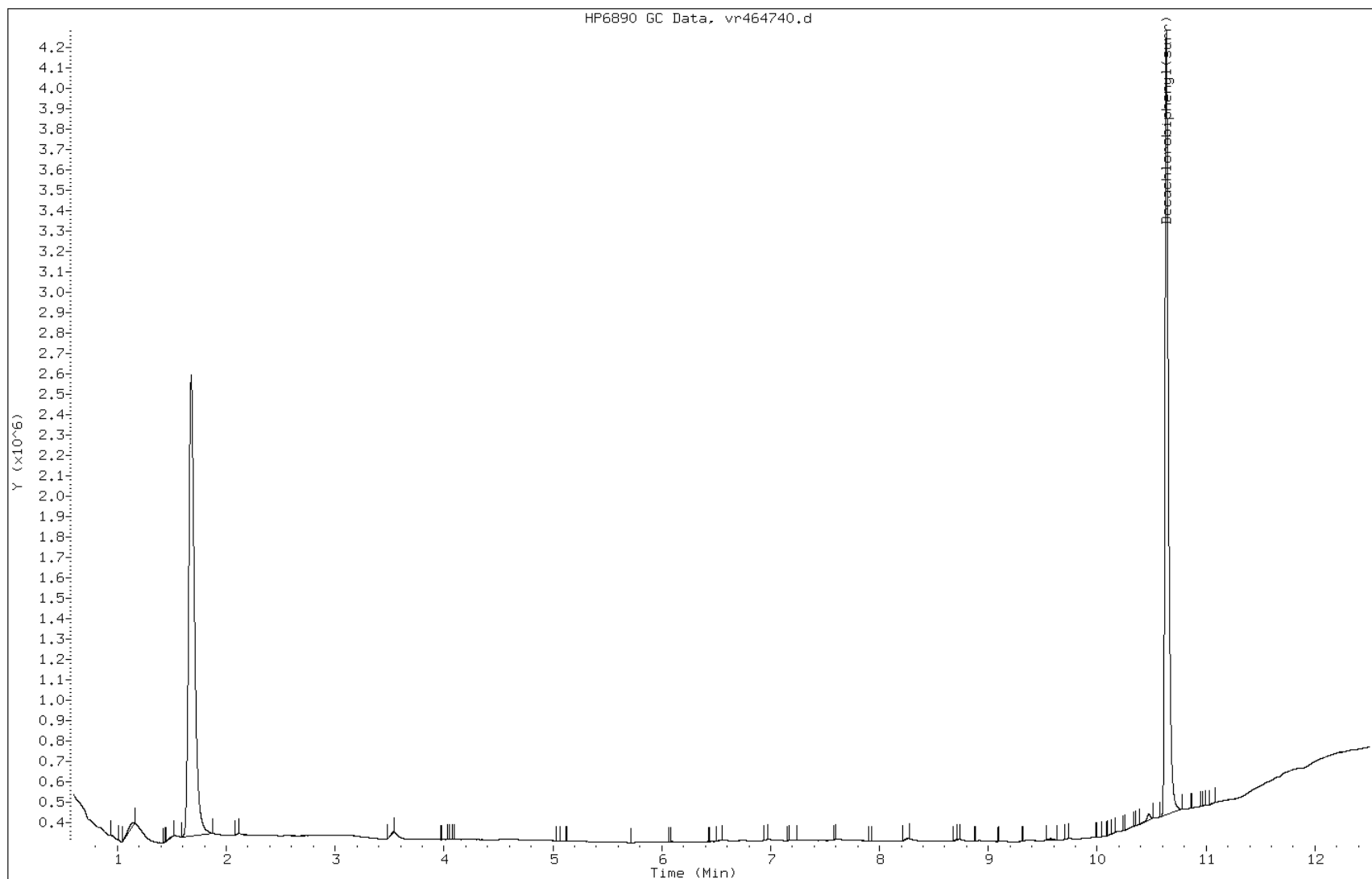
Date: 22-SEP-2011 09:42

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-86887/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86887/2-A
 Matrix: Solid Lab File ID: vf464741.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 09:57
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	429		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	401		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464741.d
Lab Smp Id: LCS 460-86887/2-A
Inj Date : 22-SEP-2011 09:57
Operator : 615
Smp Info : LCS 460-86887/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi Quant Type: ESTD
Cal Date : 19-AUG-2011 15:08 Cal File: vf463562.d
Als bottle: 2 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i

Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.976	2.974	0.002	1428978	672.135	450	80.00-	120.00	100.00(M)
3.662	3.659	0.003	2943062	691.203	460	157.40-	236.10	205.96
4.103	4.100	0.003	1186392	626.700	420	73.16-	109.73	83.02
4.508	4.504	0.004	5395332	606.514	400	295.62-	443.44	377.57
4.749	4.746	0.003	2546360	623.003	420	140.08-	210.13	178.19
5.183	5.180	0.003	1563344	670.077	450	84.02-	126.03	109.40
5.570	5.567	0.003	1733758	587.450	390	89.74-	134.61	121.33
5.780	5.778	0.002	1760676	667.985	440	92.81-	139.21	123.21
Average of Peak Concentrations =					430			

27 Aroclor-1260					CAS #: 11096-82-5			
7.480	7.476	0.004	1975084	653.327	440	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.794	7.790	0.004	3973739	620.838	410	160.23-	240.34	201.19
8.263	8.256	0.007	4542777	591.162	390	187.70-	281.55	230.00
9.379	9.375	0.004	3286638	627.651	420	134.91-	202.37	166.40
9.499	9.494	0.005	1658211	601.810	400	71.98-	107.97	83.96
9.943	9.939	0.004	3034434	651.920	430	126.09-	189.14	153.64
10.307	10.303	0.004	6128676	554.268	370	254.52-	381.78	310.30
11.116	11.117	-0.001	1386326	511.015	340	60.36-	90.54	70.19
Average of Peak Concentrations =					400			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.556	11.560	-0.004	5024757	60.8266	40	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464741.d

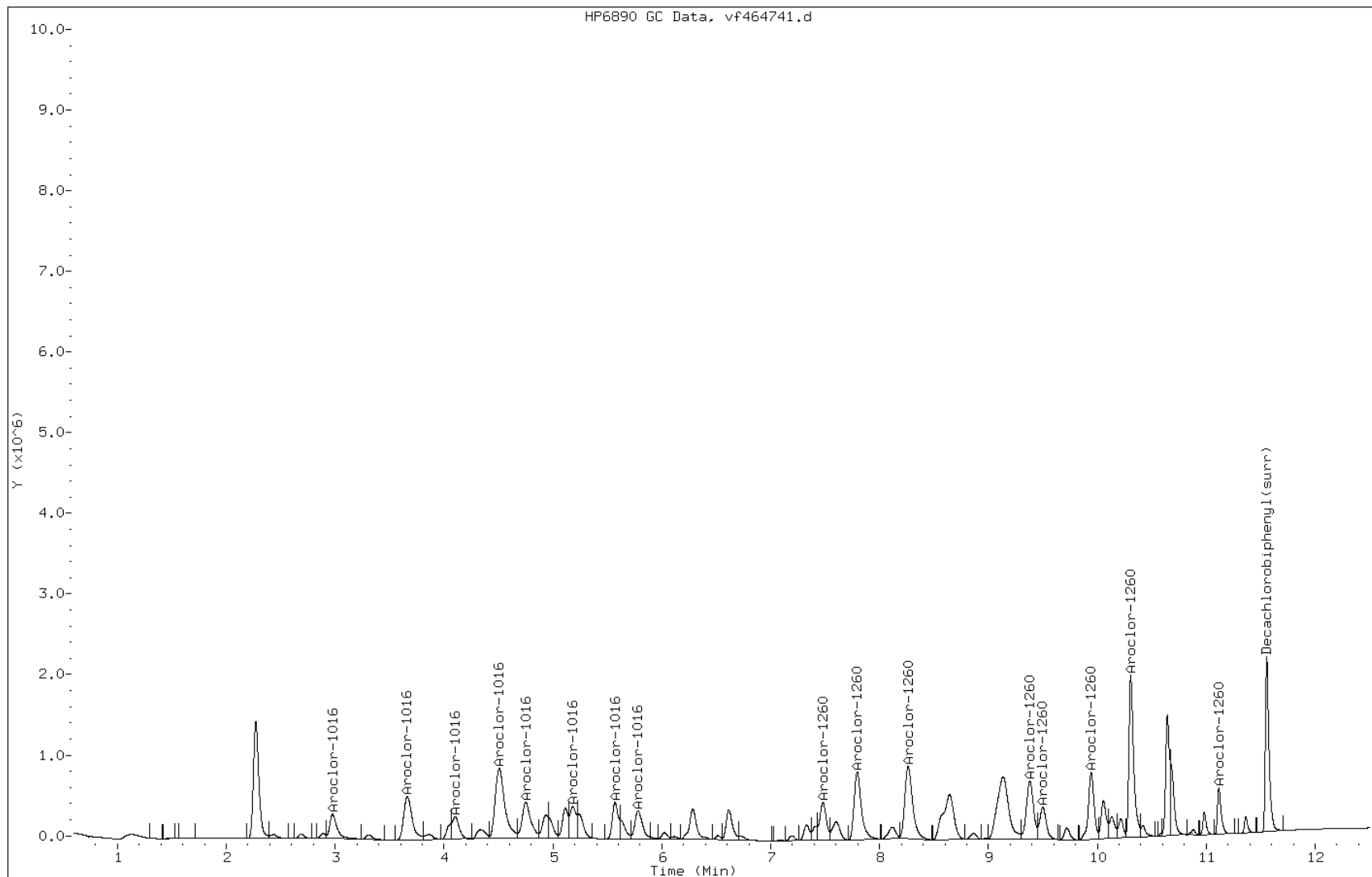
Date: 22-SEP-2011 09:57

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-86887/2-A

Operator: 615



Manual Integration Report

Data File: vf464741.d
Inj. Date and Time: 22-SEP-2011 09:57
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

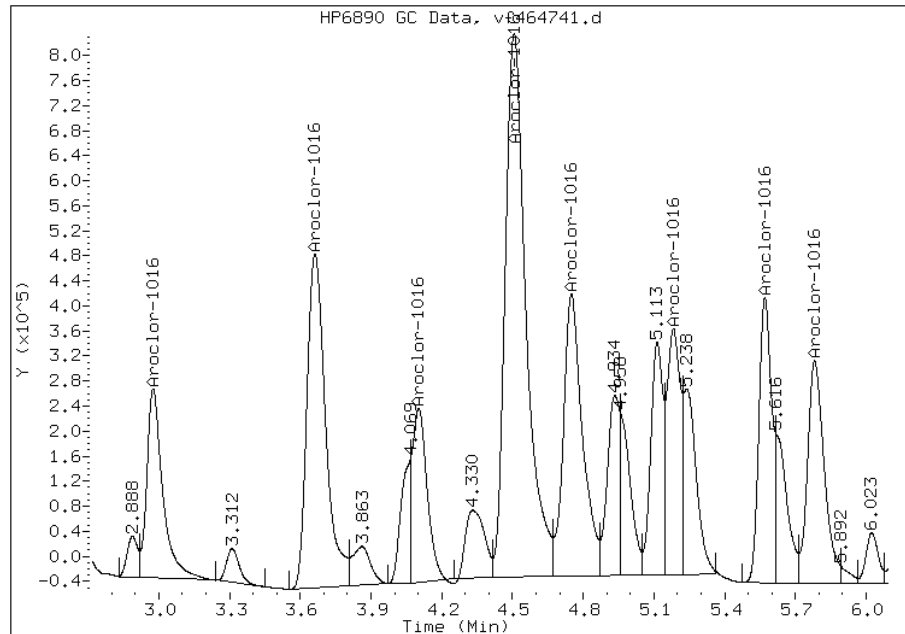
Processing Integration Results

Not Detected

Expected RT: 2.97

Manual Integration Results

RT: 2.98
Response: 1428978
Amount: 643.13
Conc: 430.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-86887/2-A
 Matrix: Solid Lab File ID: vr464741.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 09:57
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	419		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	405		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	141		30-150

Data File: vr464741.d
 Report Date: 22-Sep-2011 12:36

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464741.d
 Lab Smp Id: LCS 460-86887/2-A
 Inj Date : 22-SEP-2011 09:57
 Operator : 615
 Smp Info : LCS 460-86887/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
 Meth Date : 22-Sep-2011 12:36 shanthi
 Cal Date : 30-AUG-2011 18:17
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vr463935.d
 QC Sample: BS
 Compound Sublist: AllPCB.sub
 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.107	2.110	-0.003	2153599	593.010	400	80.00-	120.00	100.00(M)
2.545	2.547	-0.002	4056455	639.276	430	151.65-	227.47	188.36
2.794	2.796	-0.002	2711462	668.434	440	113.07-	169.60	125.90
3.153	3.155	-0.002	8449023	593.904	400	313.46-	470.18	392.32
3.358	3.361	-0.003	3474123	643.796	430	128.56-	192.84	161.32
3.446	3.452	-0.006	2249808	651.743	430	88.03-	132.05	104.47
4.063	4.065	-0.002	3339581	663.550	440	129.46-	194.19	155.07
4.212	4.212	0.000	1430263	573.893	380	61.00-	91.49	66.41
Average of Peak Concentrations =					420			

27 Aroclor-1260					CAS #: 11096-82-5			
6.088	6.087	0.001	5351470	648.693	430	80.00-	120.00	100.00

Data File: vr464741.d
 Report Date: 22-Sep-2011 12:36

			CONCENTRATIONS						
			ON-COL	FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.540	0.001	9834564	622.524	420	145.36-	218.04	183.77	
6.986	6.985	0.001	8339335	585.377	390	128.64-	192.95	155.83	
7.181	7.179	0.002	4929074	622.543	420	75.03-	112.54	92.11	
7.618	7.616	0.002	3961613	546.657	360	63.45-	95.17	74.03	
8.918	8.916	0.002	3835627	476.191	320	60.54-	90.82	71.67	
9.013	9.011	0.002	3315579	693.932	460	48.63-	72.95	61.96	
9.133	9.131	0.002	3609260	662.966	440	55.85-	83.78	67.44	
Average of Peak Concentrations =					400				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.633	10.632	0.001	8666031	70.4836	47	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464741.d

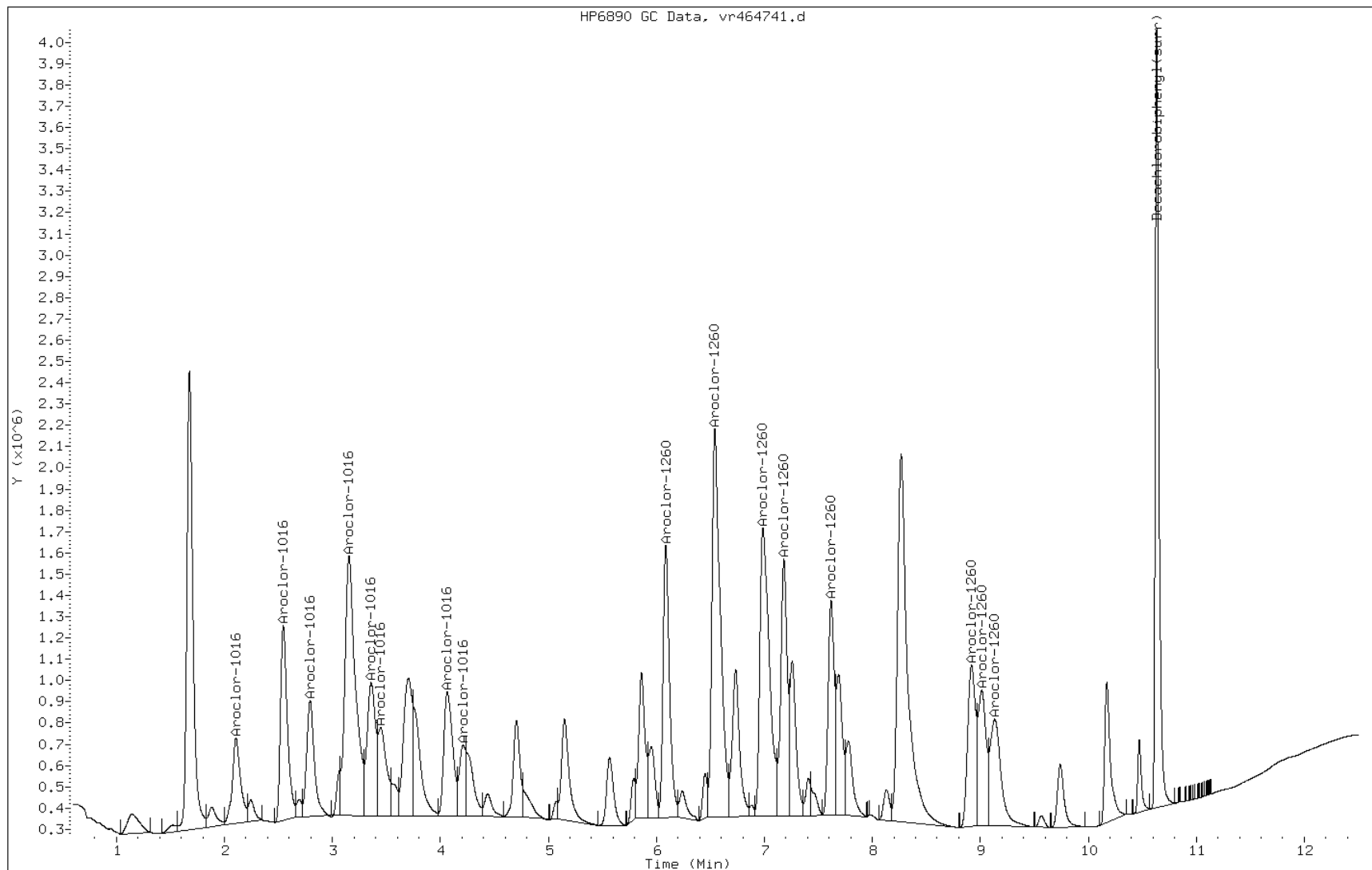
Date: 22-SEP-2011 09:57

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-86887/2-A

Operator: 615

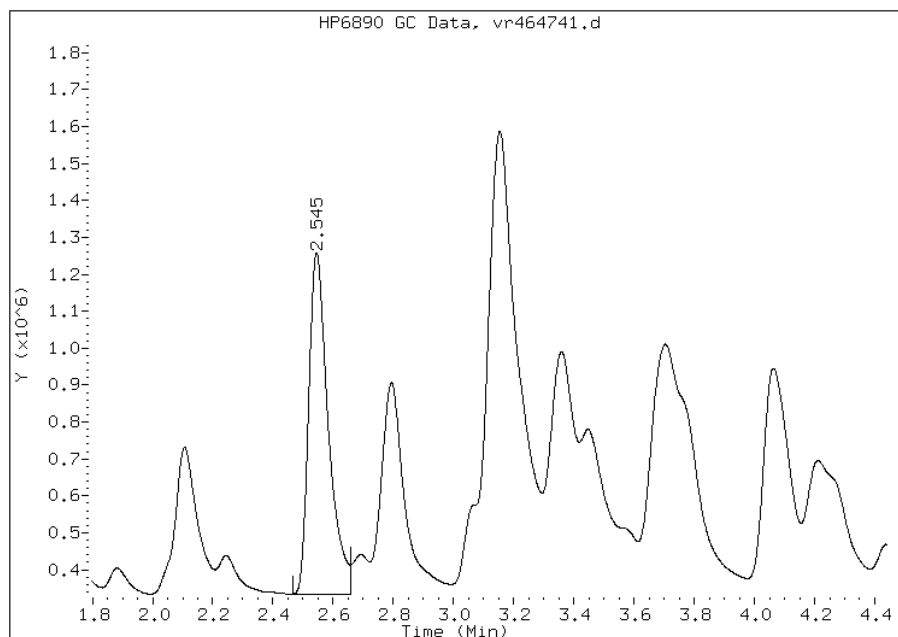


Manual Integration Report

Data File: vr464741.d
Inj. Date and Time: 22-SEP-2011 09:57
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

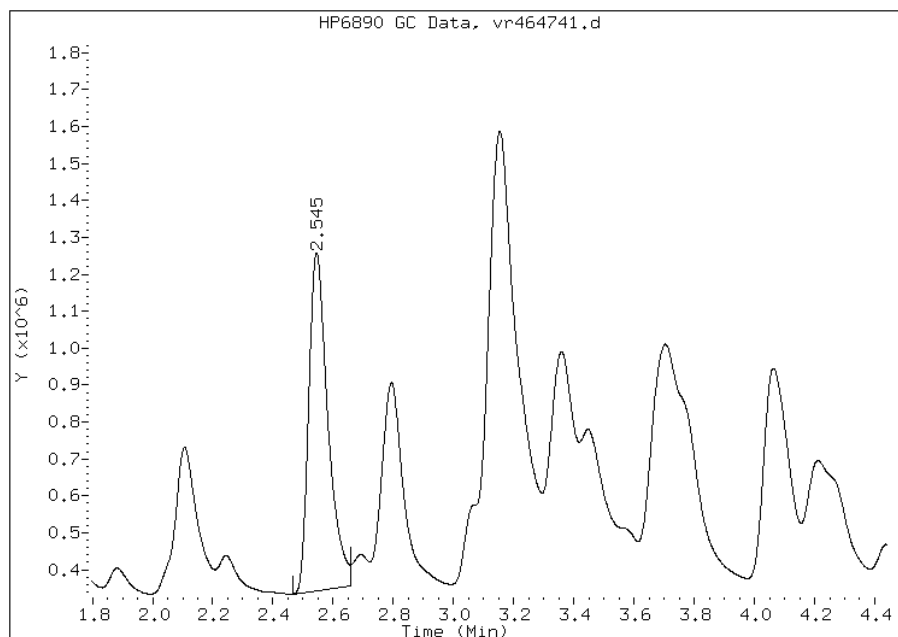
Processing Integration Results

RT: 2.55
Response: 4186340
Amount: 666.89
Conc: 440.00



Manual Integration Results

RT: 2.55
Response: 4056455
Amount: 628.45
Conc: 420.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MS Lab Sample ID: 460-31330-3 MS
 Matrix: Solid Lab File ID: vf464745.d
 Analysis Method: 8082 Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 11:01
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	520		79	15
11104-28-2	PCB-1221	79	U	79	24
11141-16-5	PCB-1232	79	U	79	45
53469-21-9	PCB-1242	79	U	79	15
12672-29-6	PCB-1248	79	U	79	21
11097-69-1	PCB-1254	79	U	79	27
11096-82-5	PCB-1260	501		79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464745.d
Lab Smp Id: 460-31330-E-3-A MS
Inj Date : 22-SEP-2011 11:01
Operator : 615
Smp Info : 460-31330-E-3-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi
Cal Date : 19-AUG-2011 15:08
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
QC Sample: MS
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.978	2.974	0.004	1172092	551.306	370	80.00-	120.00	100.00(M)
3.664	3.659	0.005	3067585	720.449	480	157.40-	236.10	261.72
4.103	4.100	0.003	1398779	738.892	490	73.16-	109.73	119.34
4.507	4.504	0.003	5805942	652.673	440	295.62-	443.44	495.35
4.751	4.746	0.005	2690664	658.309	440	140.08-	210.13	229.56
5.182	5.180	0.002	1589400	681.245	450	84.02-	126.03	135.60
5.570	5.567	0.003	1832555	620.925	410	89.74-	134.61	156.35
5.781	5.778	0.003	1820075	690.521	460	92.81-	139.21	155.28
Average of Peak Concentrations =					440			

27 Aroclor-1260					CAS #: 11096-82-5			
7.478	7.476	0.002	2093015	692.337	460	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.791	7.790	0.001	4233449	661.414	440	160.23-	240.34	202.27
8.258	8.256	0.002	5056258	657.983	440	187.70-	281.55	241.58
9.375	9.375	0.000	3473061	663.252	440	134.91-	202.37	165.94
9.495	9.494	0.001	1801135	653.681	440	71.98-	107.97	86.05
9.941	9.939	0.002	3189840	685.308	460	126.09-	189.14	152.40
10.303	10.303	0.000	6324652	571.992	380	254.52-	381.78	302.18
11.114	11.117	-0.003	1446394	533.157	360	60.36-	90.54	69.11
Average of Peak Concentrations =					430			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.554	11.560	-0.006	4813376	58.2678	39	80.00-	120.00	100.00(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464745.d

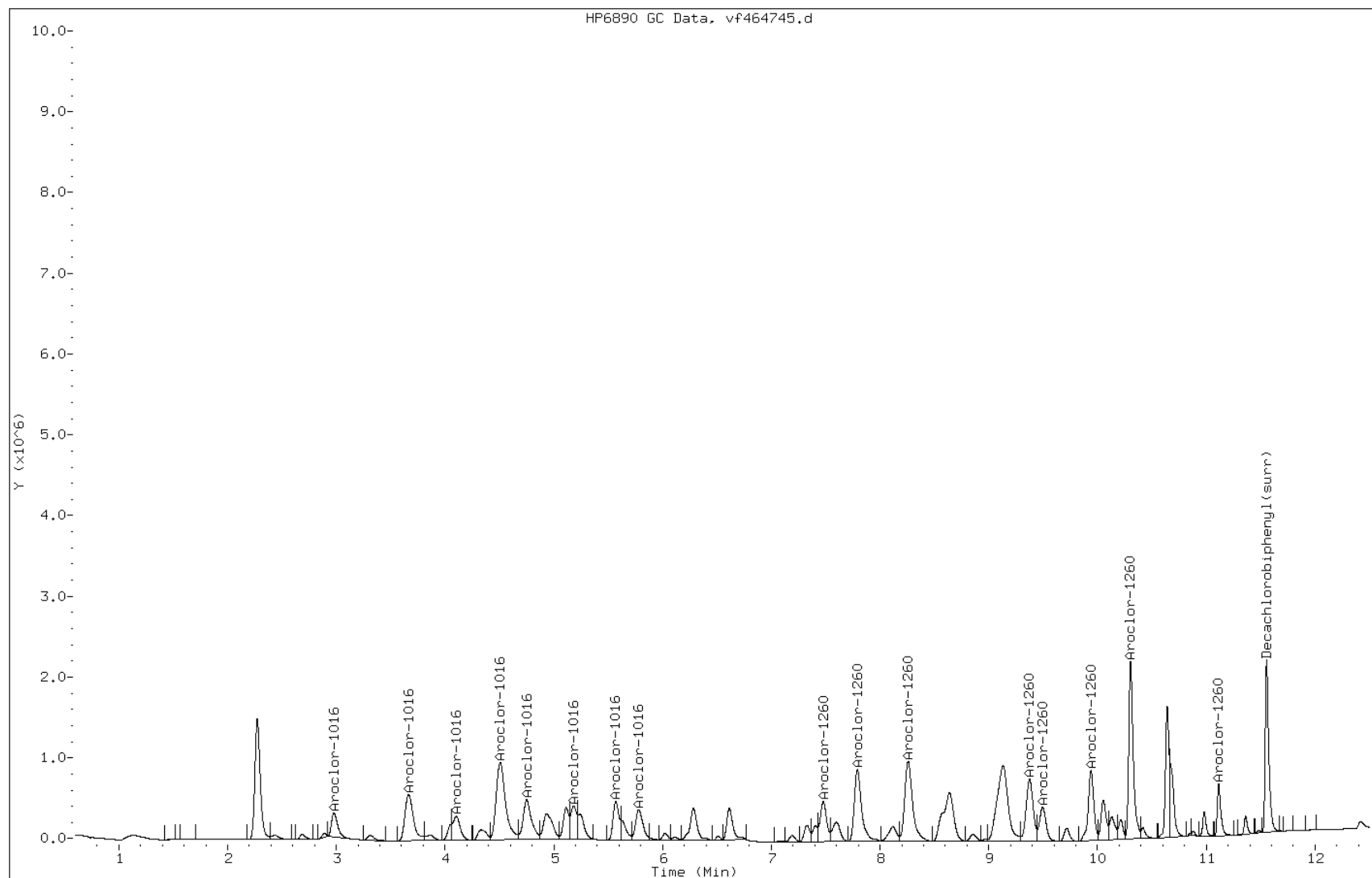
Date: 22-SEP-2011 11:01

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-A MS

Operator: 615

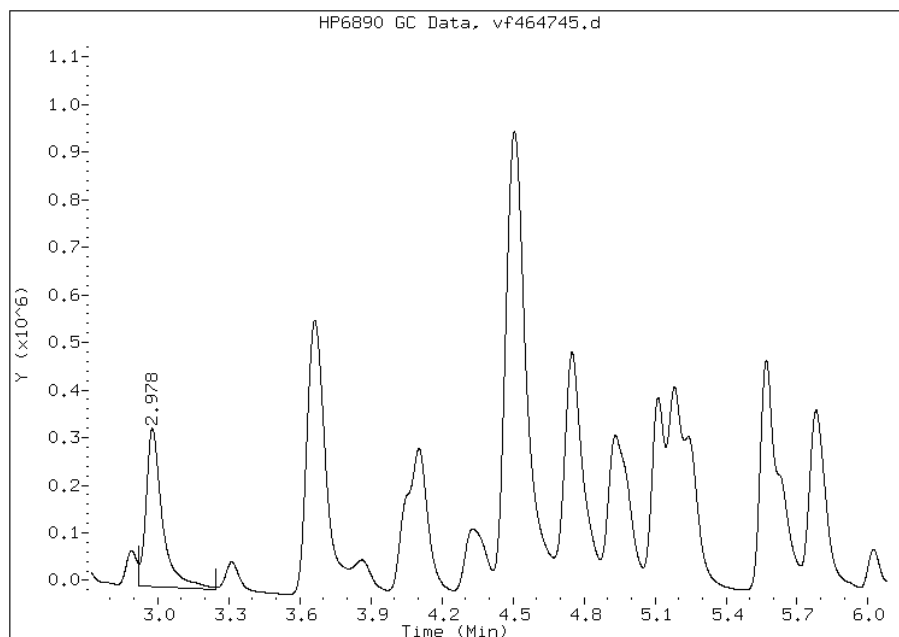


Manual Integration Report

Data File: vf464745.d
Inj. Date and Time: 22-SEP-2011 11:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

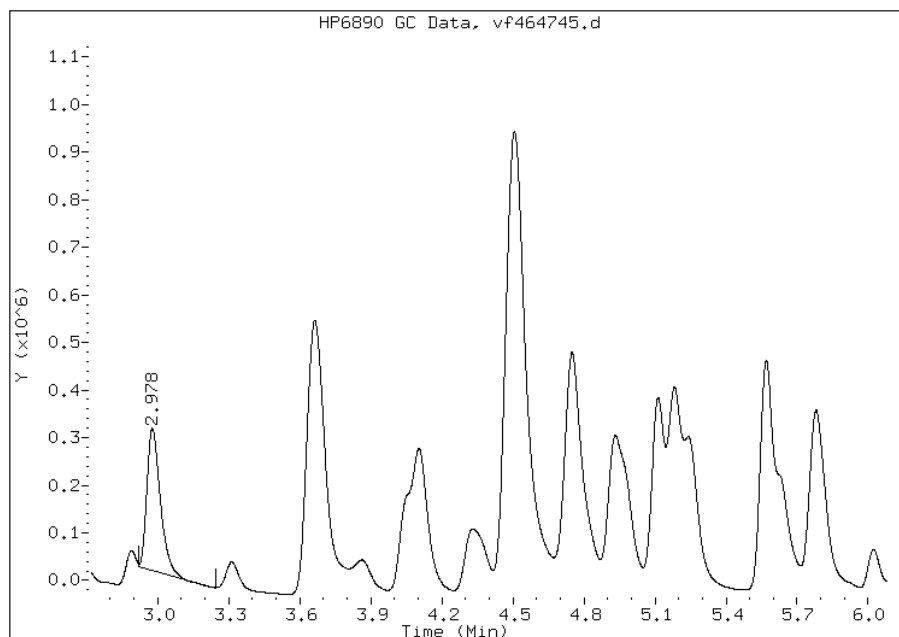
Processing Integration Results

RT: 2.98
Response: 1602719
Amount: 694.13
Conc: 460.00



Manual Integration Results

RT: 2.98
Response: 1172092
Amount: 664.29
Conc: 440.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf464745.d
Inj. Date and Time: 22-SEP-2011 11:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/22/2011

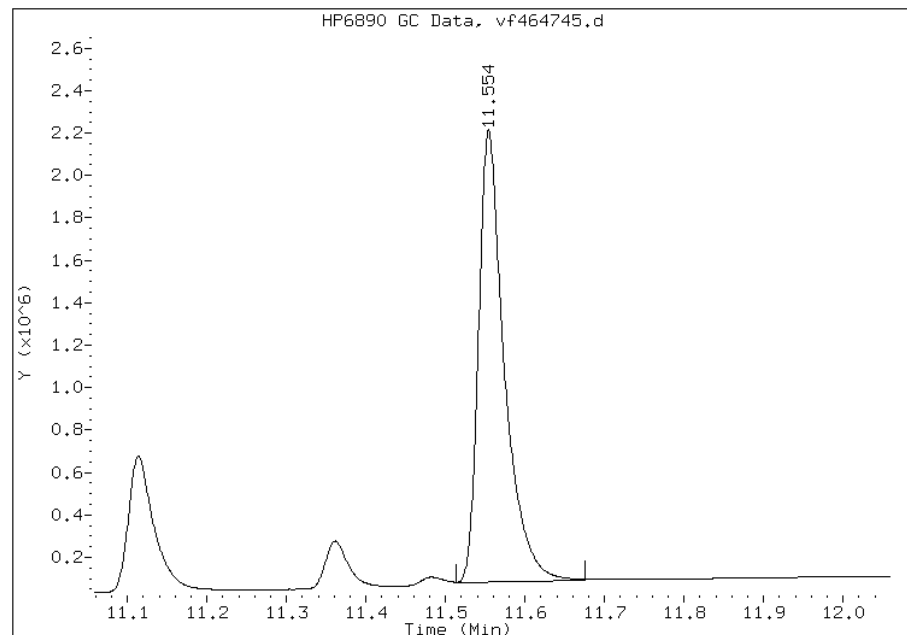
Processing Integration Results

Not Detected

Expected RT: 11.56

Manual Integration Results

RT: 11.55
Response: 4813376
Amount: 58.27
Conc: 38.85



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MS Lab Sample ID: 460-31330-3 MS
 Matrix: Solid Lab File ID: vr464745.d
 Analysis Method: 8082 Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 11:01
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	528		79	15
11104-28-2	PCB-1221	79	U	79	24
11141-16-5	PCB-1232	79	U	79	45
53469-21-9	PCB-1242	79	U	79	15
12672-29-6	PCB-1248	79	U	79	21
11097-69-1	PCB-1254	79	U	79	27
11096-82-5	PCB-1260	505		79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: vr464745.d
Report Date: 22-Sep-2011 12:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464745.d
Lab Smp Id: 460-31330-E-3-A MS
Inj Date : 22-SEP-2011 11:01
Operator : 615
Smp Info : 460-31330-E-3-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
Meth Date : 22-Sep-2011 12:36 shanthi Quant Type: ESTD
Cal Date : 30-AUG-2011 18:17 Cal File: vr463935.d
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.109	2.110	-0.001	2331746	642.064	430	80.00-	120.00	100.00(M)
2.548	2.547	0.001	4295074	676.882	450	151.65-	227.47	184.20
2.796	2.796	0.000	2908681	717.053	480	113.07-	169.60	124.74
3.156	3.155	0.001	8902643	625.791	420	313.46-	470.18	381.80
3.361	3.361	0.000	3555509	658.878	440	128.56-	192.84	152.48
3.451	3.452	-0.001	2382998	690.326	460	88.03-	132.05	102.20
4.065	4.065	0.000	3413266	678.190	450	129.46-	194.19	146.38
4.213	4.212	0.001	1745665	700.448	470	61.00-	91.49	74.87
Average of Peak Concentrations =					450			

27 Aroclor-1260					CAS #: 11096-82-5			
6.088	6.087	0.001	5657417	685.779	460	80.00-	120.00	100.00(M)

Data File: vr464745.d
 Report Date: 22-Sep-2011 12:37

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.540	0.001	10446272	661.245	440	145.36-	218.04	184.65	
6.984	6.985	-0.001	9528272	668.835	440	128.64-	192.95	168.42	
7.180	7.179	0.001	5057145	638.718	420	75.03-	112.54	89.39	
7.616	7.616	0.000	4418763	609.738	410	63.45-	95.17	78.11	
8.912	8.916	-0.004	4664943	579.151	390	60.54-	90.82	82.46	
9.010	9.011	-0.001	3169691	663.399	440	48.63-	72.95	56.03	
9.131	9.131	0.000	3544609	651.090	430	55.85-	83.78	62.65	
Average of Peak Concentrations =					430				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.632	10.632	0.000	8142673	66.2270	44	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464745.d

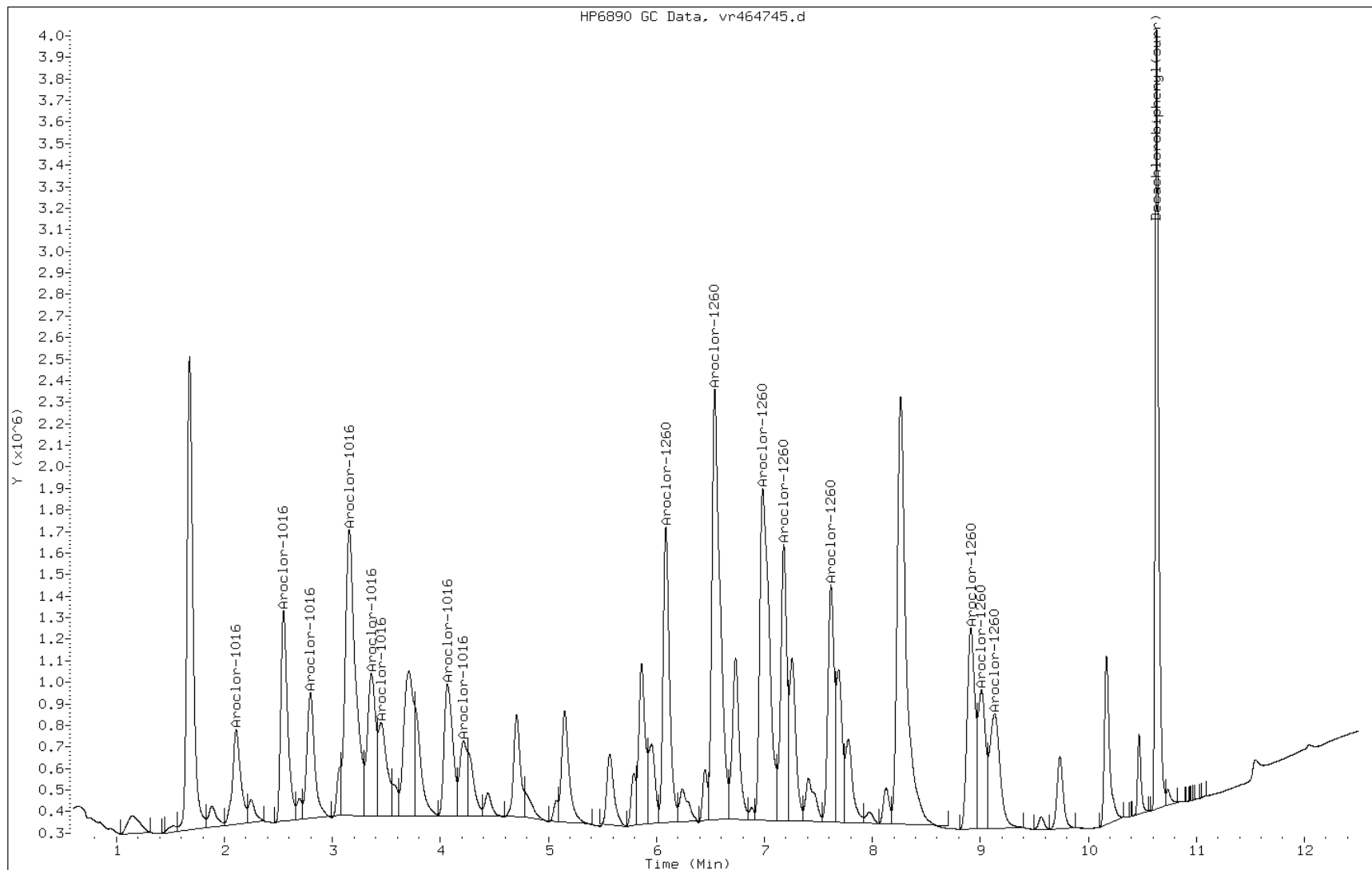
Date: 22-SEP-2011 11:01

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-A MS

Operator: 615

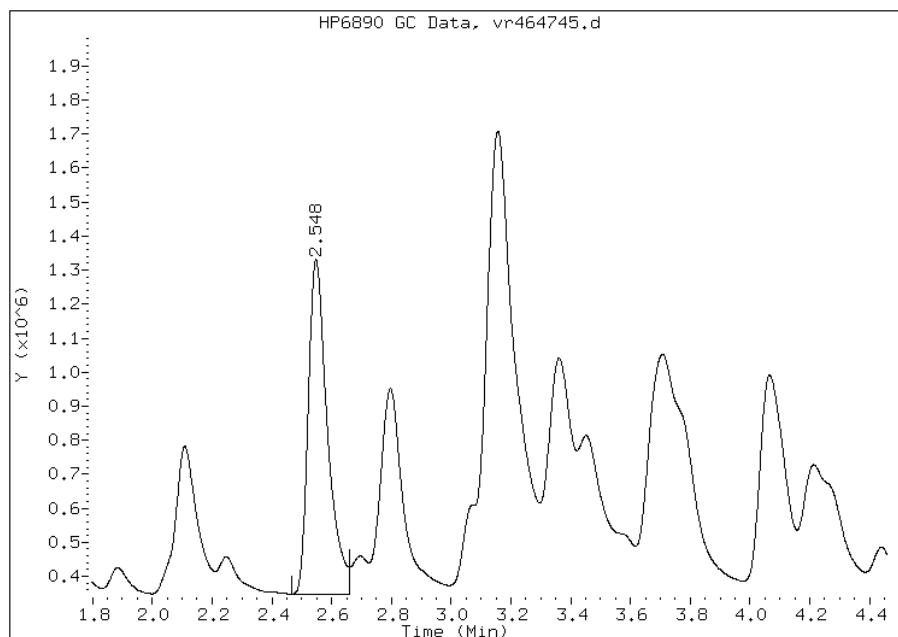


Manual Integration Report

Data File: vr464745.d
Inj. Date and Time: 22-SEP-2011 11:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

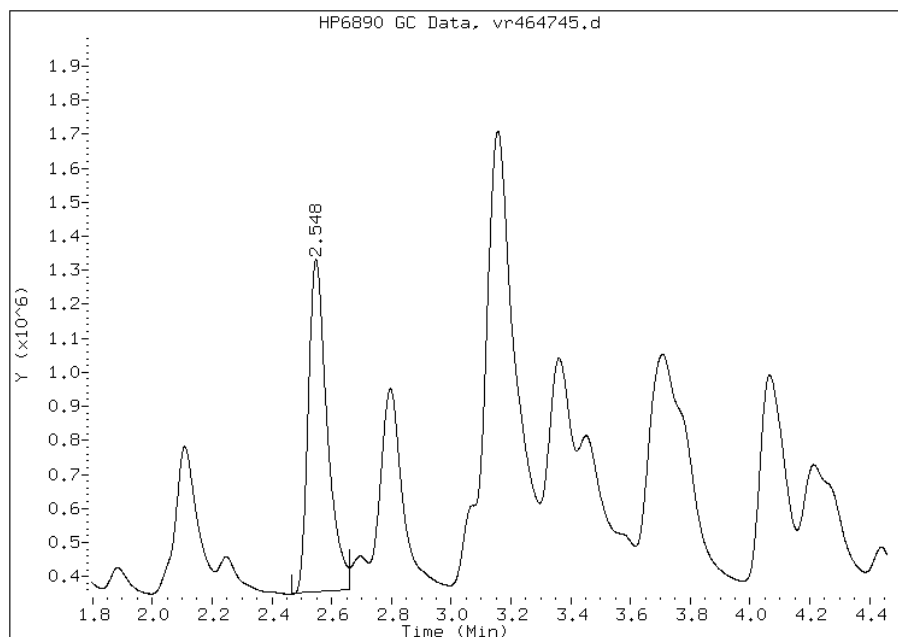
Processing Integration Results

RT: 2.55
Response: 4400616
Amount: 729.75
Conc: 490.00



Manual Integration Results

RT: 2.55
Response: 4295074
Amount: 673.70
Conc: 450.00



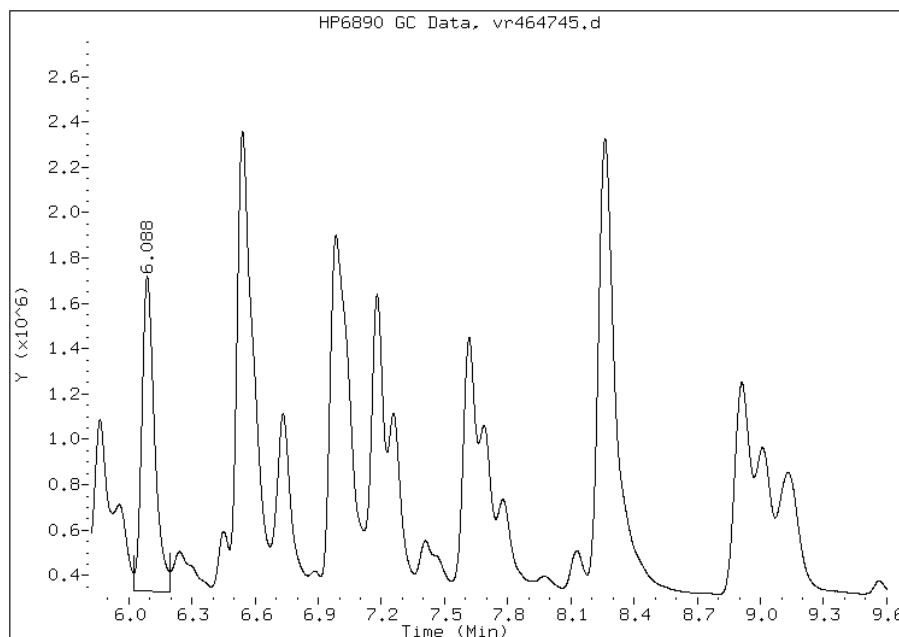
Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vr464745.d
Inj. Date and Time: 22-SEP-2011 11:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/22/2011

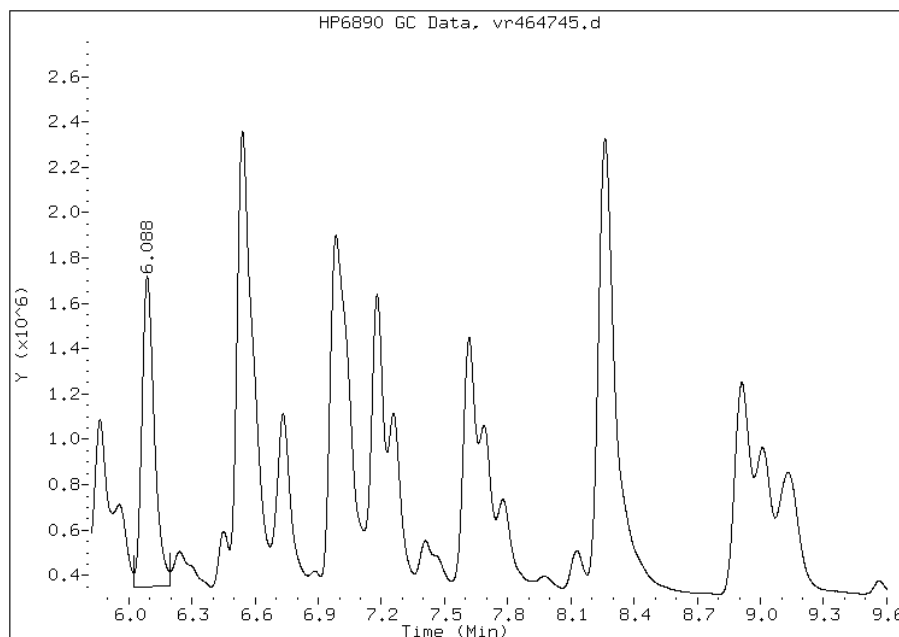
Processing Integration Results

RT: 6.09
Response: 5861891
Amount: 660.69
Conc: 440.00



Manual Integration Results

RT: 6.09
Response: 5657417
Amount: 644.74
Conc: 430.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MSD Lab Sample ID: 460-31330-3 MSD
 Matrix: Solid Lab File ID: vf464746.d
 Analysis Method: 8082 Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 11:17
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	516		79	15
11104-28-2	PCB-1221	79	U	79	24
11141-16-5	PCB-1232	79	U	79	45
53469-21-9	PCB-1242	79	U	79	15
12672-29-6	PCB-1248	79	U	79	21
11097-69-1	PCB-1254	79	U	79	27
11096-82-5	PCB-1260	492		79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/vf464746.d
Lab Smp Id: 460-31330-E-3-B MSD
Inj Date : 22-SEP-2011 11:17
Operator : 615
Smp Info : 460-31330-E-3-B MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-22-11/22sep11a.b/08Vf8082.m
Meth Date : 22-Sep-2011 12:32 shanthi
Cal Date : 19-AUG-2011 15:08
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf463562.d
QC Sample: MSD
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.977	2.974	0.003	1147683	539.825	360	80.00-	120.00	100.00(M)
3.664	3.659	0.005	3059934	718.652	480	157.40-	236.10	266.62
4.103	4.100	0.003	1287430	680.073	450	73.16-	109.73	112.18
4.507	4.504	0.003	5700934	640.869	430	295.62-	443.44	496.73
4.750	4.746	0.004	2707768	662.494	440	140.08-	210.13	235.93
5.183	5.180	0.003	1663006	712.794	480	84.02-	126.03	144.90
5.570	5.567	0.003	1836243	622.175	410	89.74-	134.61	160.00
5.780	5.778	0.002	1830180	694.355	460	92.81-	139.21	159.47
Average of Peak Concentrations =					440			

27 Aroclor-1260					CAS #: 11096-82-5			
7.477	7.476	0.001	2046415	676.922	450	80.00-	120.00	100.00

			CONCENTRATIONS					
				ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.792	7.790	0.002	4151261	648.574	430	160.23-	240.34	202.86
8.258	8.256	0.002	4943565	643.318	430	187.70-	281.55	241.57
9.375	9.375	0.000	3400235	649.344	430	134.91-	202.37	166.16
9.495	9.494	0.001	1762086	639.509	430	71.98-	107.97	86.11
9.940	9.939	0.001	3133995	673.310	450	126.09-	189.14	153.15
10.303	10.303	0.000	6246242	564.901	380	254.52-	381.78	305.23
11.110	11.117	-0.007	1427796	526.301	350	60.36-	90.54	69.77
Average of Peak Concentrations =					420			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.547	11.560	-0.013	4769798	57.7402	38	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464746.d

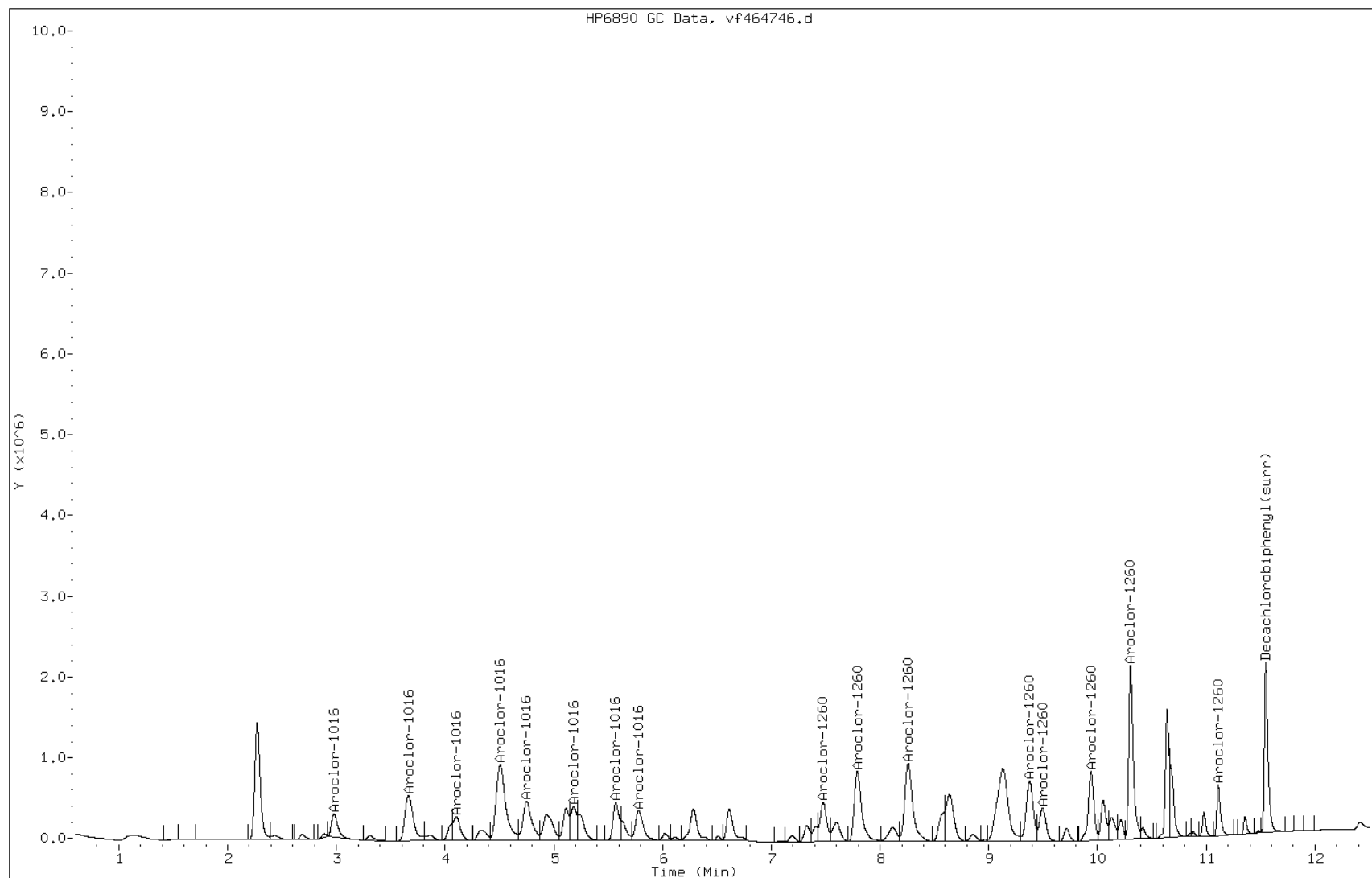
Date: 22-SEP-2011 11:17

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-B MSD

Operator: 615



Manual Integration Report

Data File: vf464746.d
Inj. Date and Time: 22-SEP-2011 11:17
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

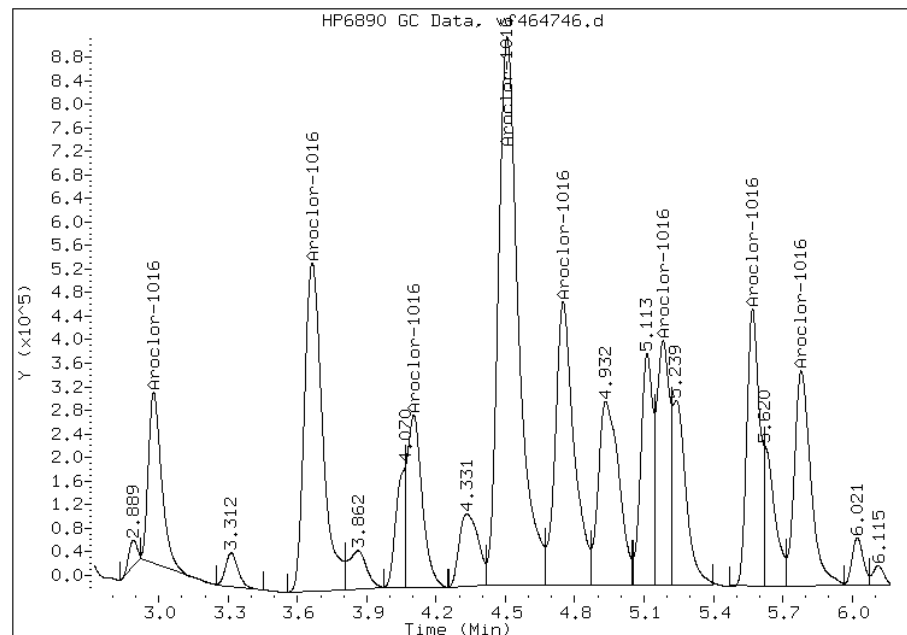
Processing Integration Results

Not Detected

Expected RT: 2.97

Manual Integration Results

RT: 2.98
Response: 1147683
Amount: 658.90
Conc: 440.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Client Sample ID: SO-17338-091411-MM-09 MSD Lab Sample ID: 460-31330-3 MSD
 Matrix: Solid Lab File ID: vr464746.d
 Analysis Method: 8082 Date Collected: 09/14/2011 14:00
 Extraction Method: 3541 Date Extracted: 09/22/2011 05:21
 Sample wt/vol: 15.00(g) Date Analyzed: 09/22/2011 11:17
 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.: 86978 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	503		79	15
11104-28-2	PCB-1221	79	U	79	24
11141-16-5	PCB-1232	79	U	79	45
53469-21-9	PCB-1242	79	U	79	15
12672-29-6	PCB-1248	79	U	79	21
11097-69-1	PCB-1254	79	U	79	27
11096-82-5	PCB-1260	490		79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131		30-150

Data File: vr464746.d
Report Date: 22-Sep-2011 12:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/vr464746.d
Lab Smp Id: 460-31330-E-3-B MSD
Inj Date : 22-SEP-2011 11:17
Operator : 615
Smp Info : 460-31330-E-3-B MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b/08Vr8082.m
Meth Date : 22-Sep-2011 12:36 shanthi
Cal Date : 30-AUG-2011 18:17
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr463935.d
QC Sample: MSD
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.109	2.110	-0.001	2278330	627.355	420	80.00-	120.00	100.00(M)
2.548	2.547	0.001	4129459	650.781	430	151.65-	227.47	181.25
2.797	2.796	0.001	2918418	719.453	480	113.07-	169.60	128.09
3.157	3.155	0.002	8750925	615.126	410	313.46-	470.18	384.09
3.361	3.361	0.000	3569060	661.389	440	128.56-	192.84	156.65
3.452	3.452	0.000	2280635	660.673	440	88.03-	132.05	100.10
4.066	4.065	0.001	3272832	650.287	430	129.46-	194.19	143.65
4.214	4.212	0.002	1383243	555.026	370	61.00-	91.49	60.71
Average of Peak Concentrations =					430			

27 Aroclor-1260					CAS #: 11096-82-5			
6.089	6.087	0.002	5529114	670.227	450	80.00-	120.00	100.00

Data File: vr464746.d
 Report Date: 22-Sep-2011 12:37

			CONCENTRATIONS						
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.540	0.001	10347939	655.020	440	145.36-	218.04	187.15	
6.985	6.985	0.000	9301775	652.936	440	128.64-	192.95	168.23	
7.181	7.179	0.002	4993005	630.617	420	75.03-	112.54	90.30	
7.617	7.616	0.001	4194175	578.747	380	63.45-	95.17	75.86	
8.913	8.916	-0.003	4476288	555.729	370	60.54-	90.82	80.96	
9.011	9.011	0.000	3068706	642.263	430	48.63-	72.95	55.50	
9.131	9.131	0.000	3393101	623.261	420	55.85-	83.78	61.37	
Average of Peak Concentrations =					420				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.632	10.632	0.000	8037903	65.3749	44	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464746.d

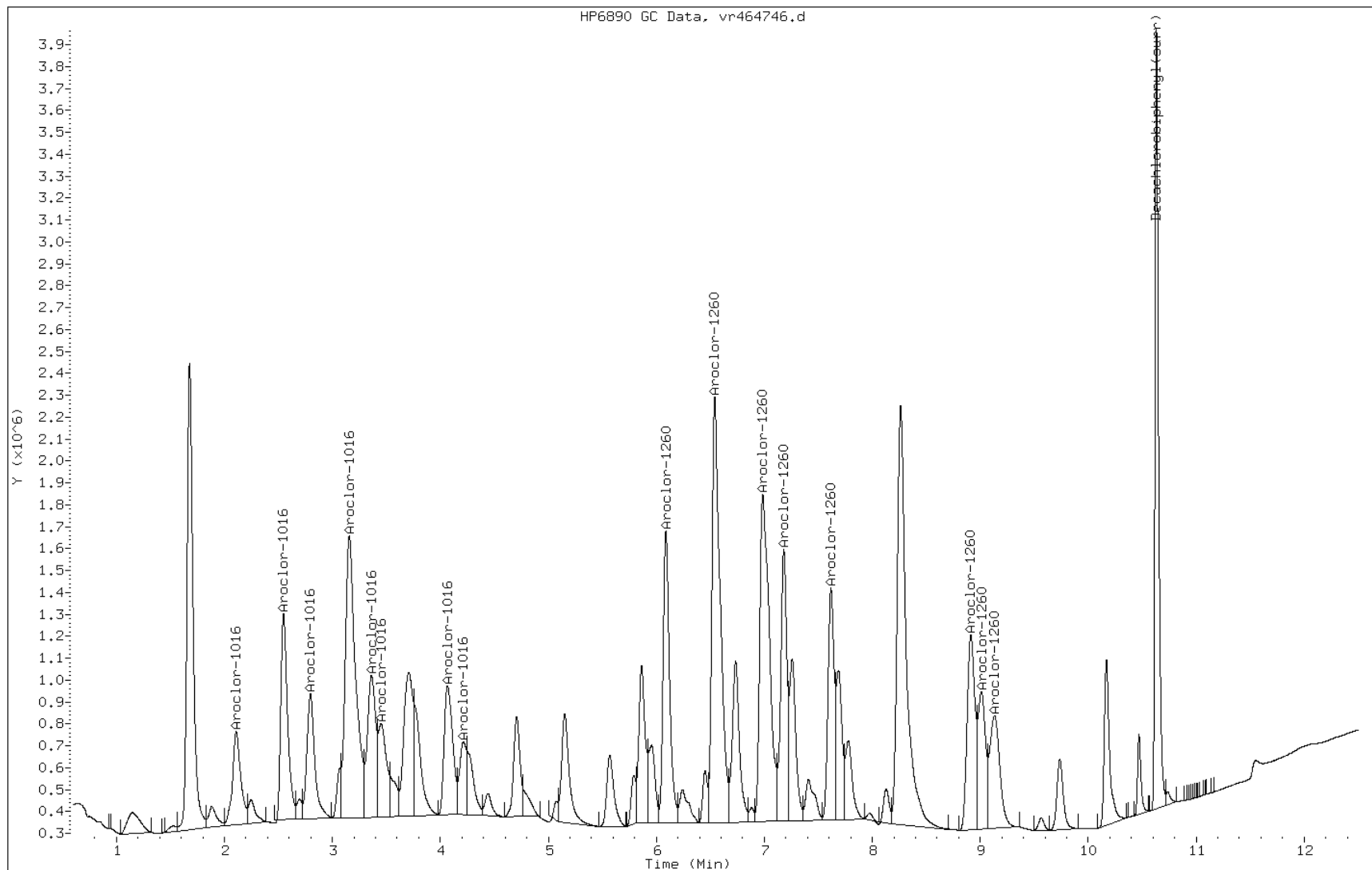
Date: 22-SEP-2011 11:17

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31330-E-3-B MSD

Operator: 615



Manual Integration Report

Data File: vr464746.d
Inj. Date and Time: 22-SEP-2011 11:17
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/22/2011

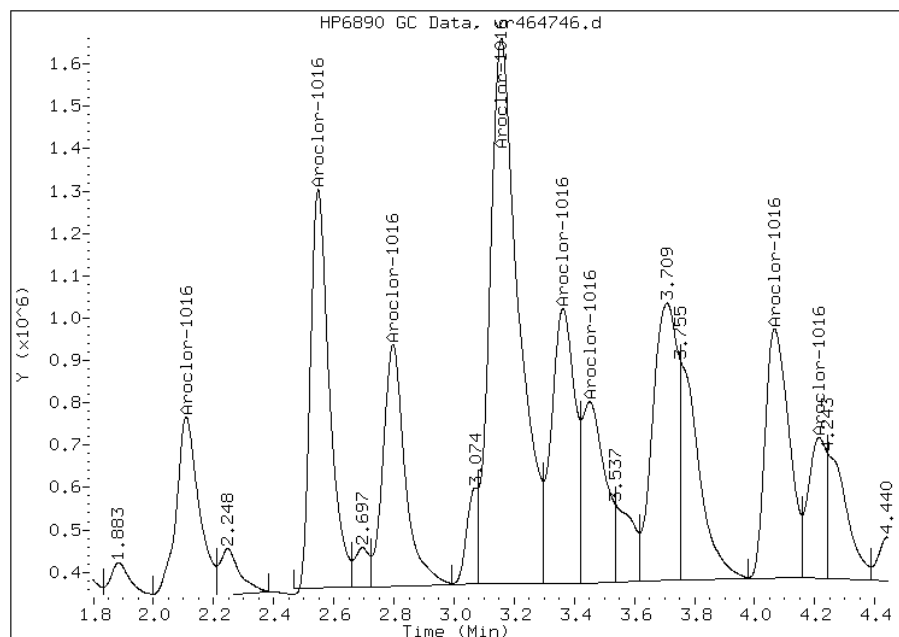
Processing Integration Results

Not Detected

Expected RT: 2.11

Manual Integration Results

RT: 2.11
Response: 2278330
Amount: 642.51
Conc: 430.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-31330-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 08/30/2011 14:19Analysis Batch Number: 84689End Date: 08/30/2011 18:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-84689/1		08/30/2011 14:19	1		CLP-2 0.53 (mm)
RINSE 460-84689/1		08/30/2011 14:19	1		CLP-1 0.53 (mm)
ZZZZZ		08/30/2011 14:35	1		CLP-2 0.53 (mm)
ZZZZZ		08/30/2011 14:35	1		CLP-1 0.53 (mm)
ZZZZZ		08/30/2011 14:50	1		CLP-2 0.53 (mm)
ZZZZZ		08/30/2011 14:50	1		CLP-1 0.53 (mm)
IC 460-84689/4		08/30/2011 15:06	1	vf463923.d	CLP-2 0.53 (mm)
IC 460-84689/4		08/30/2011 15:06	1	vr463923.d	CLP-1 0.53 (mm)
IC 460-84689/5		08/30/2011 15:22	1	vf463924.d	CLP-2 0.53 (mm)
IC 460-84689/5		08/30/2011 15:22	1	vr463924.d	CLP-1 0.53 (mm)
IC 460-84689/6		08/30/2011 15:38	1	vf463925.d	CLP-2 0.53 (mm)
IC 460-84689/6		08/30/2011 15:38	1	vr463925.d	CLP-1 0.53 (mm)
IC 460-84689/7		08/30/2011 15:54	1	vf463926.d	CLP-2 0.53 (mm)
IC 460-84689/7		08/30/2011 15:54	1	vr463926.d	CLP-1 0.53 (mm)
IC 460-84689/8		08/30/2011 16:10	1	vf463927.d	CLP-2 0.53 (mm)
IC 460-84689/8		08/30/2011 16:10	1	vr463927.d	CLP-1 0.53 (mm)
IC 460-84689/9		08/30/2011 16:26	1	vf463928.d	CLP-2 0.53 (mm)
IC 460-84689/9		08/30/2011 16:26	1	vr463928.d	CLP-1 0.53 (mm)
IC 460-84689/10		08/30/2011 16:42	1	vf463929.d	CLP-2 0.53 (mm)
IC 460-84689/10		08/30/2011 16:42	1	vr463929.d	CLP-1 0.53 (mm)
IC 460-84689/11		08/30/2011 16:57	1	vf463930.d	CLP-2 0.53 (mm)
IC 460-84689/11		08/30/2011 16:57	1	vr463930.d	CLP-1 0.53 (mm)
IC 460-84689/12		08/30/2011 17:13	1	vf463931.d	CLP-2 0.53 (mm)
IC 460-84689/12		08/30/2011 17:13	1	vr463931.d	CLP-1 0.53 (mm)
IC 460-84689/13		08/30/2011 17:29	1	vf463932.d	CLP-2 0.53 (mm)
IC 460-84689/13		08/30/2011 17:29	1	vr463932.d	CLP-1 0.53 (mm)
IC 460-84689/14		08/30/2011 17:45	1	vf463933.d	CLP-2 0.53 (mm)
IC 460-84689/14		08/30/2011 17:45	1	vr463933.d	CLP-1 0.53 (mm)
IC 460-84689/15		08/30/2011 18:01	1		CLP-2 0.53 (mm)
IC 460-84689/15		08/30/2011 18:01	1		CLP-1 0.53 (mm)
IC 460-84689/16		08/30/2011 18:17	1		CLP-2 0.53 (mm)
IC 460-84689/16		08/30/2011 18:17	1		CLP-1 0.53 (mm)
ZZZZZ		08/30/2011 18:33	1		CLP-2 0.53 (mm)
ZZZZZ		08/30/2011 18:33	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 09/22/2011 07:43Analysis Batch Number: 86978 End Date: 09/22/2011 11:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/22/2011 07:43	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 07:43	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 07:59	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 07:59	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 08:14	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 08:14	1		CLP-1 0.53 (mm)
CCVRT 460-86978/4		09/22/2011 08:30	1	vf464739.d	CLP-2 0.53 (mm)
CCVRT 460-86978/4		09/22/2011 08:30	1	vr464739.d	CLP-1 0.53 (mm)
MB 460-86887/1-A		09/22/2011 09:42	1	vf464740.d	CLP-2 0.53 (mm)
MB 460-86887/1-A		09/22/2011 09:42	1	vr464740.d	CLP-1 0.53 (mm)
LCS 460-86887/2-A		09/22/2011 09:57	1	vf464741.d	CLP-2 0.53 (mm)
LCS 460-86887/2-A		09/22/2011 09:57	1	vr464741.d	CLP-1 0.53 (mm)
460-31330-3	SO-17338-091411-MM-09	09/22/2011 10:13	1	vf464742.d	CLP-2 0.53 (mm)
460-31330-3	SO-17338-091411-MM-09	09/22/2011 10:13	1	vr464742.d	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:29	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:29	1		CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 10:45	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 10:45	1		CLP-1 0.53 (mm)
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 11:01	1	vf464745.d	CLP-2 0.53 (mm)
460-31330-3 MS	SO-17338-091411-MM-09 MS	09/22/2011 11:01	1	vr464745.d	CLP-1 0.53 (mm)
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 11:17	1	vf464746.d	CLP-2 0.53 (mm)
460-31330-3 MSD	SO-17338-091411-MM-09 MSD	09/22/2011 11:17	1	vr464746.d	CLP-1 0.53 (mm)
ZZZZZ		09/22/2011 11:33	1		CLP-2 0.53 (mm)
ZZZZZ		09/22/2011 11:33	1		CLP-1 0.53 (mm)
CCV 460-86978/13		09/22/2011 11:49	1	vf464748.d	CLP-2 0.53 (mm)
CCV 460-86978/13		09/22/2011 11:49	1	vr464748.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b

Date Generated: 08/30/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
08/30/11 1419	vr463920	1	rinse	30aug11a		15	10	1	SAMPLE	10A	-
08/30/11 1435	vr463921	2	SCPIBLK_00008	30aug11a		15	10	1	SAMPLE		-
08/30/11 1450	vr463922	3	SG1660L3_00013	30aug11a		15	10	1	SAMPLE		-
08/30/11 1506	vr463923	4	IC SG1660L1_00009			0	0	1	CALIB_1		G
08/30/11 1522	vr463924	5	IC SG1660L1_00009			0	0	1	CALIB_1		G
08/30/11 1538	vr463925	6	IC SG1660L2_00009			0	0	1	CALIB_2		G
08/30/11 1554	vr463926	7	IC SG1660L3_00010			0	0	1	CALIB_3		G
08/30/11 1610	vr463927	8	IC SG1660L4_00010			0	0	1	CALIB_4		G
08/30/11 1626	vr463928	9	IC SG1660L5_00010			0	0	1	CALIB_5		G
08/30/11 1642	vr463929	10	IC SG1221L3_00012			0	0	1	CALIB_3		G
08/30/11 1657	vr463930	11	IC SG1232L3_00011			0	0	1	CALIB_3		G
08/30/11 1713	vr463931	12	IC SG1242L3_00011			0	0	1	CALIB_3		G
08/30/11 1729	vr463932	13	IC SG1248L3_00011			0	0	1	CALIB_3		G
08/30/11 1745	vr463933	14	IC SG1254L3_00011			0	0	1	CALIB_3		G

8/30/2011

Sub w 8/30/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Aug11/08-30-11aical/30aug11a.b

Date Generated: 08/30/2011
Page 2

84699 84689

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
08/30/11	1801	vr463934	15 IC SG1262L3_000010			0	0	1		CALIB_3		
08/30/11	1817	vr463935	16 IC SG1268L3_000011			0	0	1		CALIB_3		
08/30/11	1833	vr463936	17 SG1660ICV_000015			1000	5	1		BS		

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Signature:  Read and Understood by: 
Date: 8/30/11 Date: 8/30/11

10/27/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep11/09-22-11/22sep11a.b

Date Generated: 09/22/2011

Page 1

Talks later: 86978

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/22/11 0743	vr464736	1	HEXANE	22sep11a		15	10	1	SAMPLE		
09/22/11 0759	vr464737	2	SGPIBLK_00008	22sep11a		15	10	1	INSTBLANK		
09/22/11 0814	vr464738	3	SGI660L3_00013	22sep11a		15	10	1	SAMPLE		can
09/22/11 0830	vr464739	4	CCVRTSGI660L3_00013			0	0	1	CCALIB_3		not used
09/22/11 0942	vr464740	1	MB 460-86887/1-A	22sep11a		15	10	1	BLANK		can
09/22/11 0957	vr464741	2	LCS 460-86887/2-A			15	10	1	BS		can
09/22/11 1013	vr464742	3	460-31330-E-3-C	460-86887	09/22/11 15	10	10	1	SAMPLE		can
09/22/11 1029	vr464743	4	460-31368-A-6-D	460-86887	09/22/11 15	10	10	1	SAMPLE		can
09/22/11 1045	vr464744	5	460-31378-A-6-F	460-86887	09/22/11 15	10	10	1	SAMPLE		can 1246160
09/22/11 1101	vr464745	6	460-31330-E-3-A MS	22sep11a		15	10	1	MS		can
09/22/11 1117	vr464746	7	460-31330-E-3-B MSD	22sep11a		15	10	1	MSD		can
09/22/11 1133	vr464747	8	SGPIBLK_00008	22sep11a		15	10	1	INSTBLANK		can
09/22/11 1149	vr464748	9	CCV-SGI660L3_00013			0	0	1	CCALIB_3		can R41F

Signed: B. St. H Read and Understood by: St. H

Date: 9-22-11

Date: 9-22-11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 86887 Batch Start Date: 09/22/11 05:21 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 09/22/11 09:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PCBSP 00016	OPPSTPCBSU 00018	
MB 460-86887/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-86887/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-31330-E-3 MS	SO-17338-091411- MM-09	3541, 8082	T	15.00 g	10 mL	75	50 uL	50 uL	
460-31330-E-3 MSD	SO-17338-091411- MM-09	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-31330-E-3	SO-17338-091411- MM-09	3541, 8082	T	15.00 g	10 mL	78		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k13o40
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	9:45AM
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
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	5:21am
TBA Lot #	op201

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-31330-1

SDG No.: _____

Project: Former GM

Client Sample ID

SO-17338-091411-MM-07

SO-17338-091411-MM-10

Lab Sample ID

460-31330-1

460-31330-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091411-MM-07

Lab Sample ID: 460-31330-1

Lab Name: TestAmerica Edison

Job No.: 460-31330-1

SDG ID.:

Matrix: Solid

Date Sampled: 09/14/2011 10:20

Reporting Basis: DRY

Date Received: 09/19/2011 15:00

% Solids: 92.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	15400	43.1	15.8	mg/Kg			4	6010B
7440-36-0	Antimony	2.2	2.2	0.95	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.3	1.1	0.75	mg/Kg			4	6010B
7440-39-3	Barium	30.3	43.1	1.3	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.35	0.43	0.19	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	1170	1080	28.4	mg/Kg			4	6010B
7440-47-3	Chromium	12.9	2.2	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	5.9	10.8	1.3	mg/Kg	J		4	6010B
7440-50-8	Copper	4.7	5.4	0.88	mg/Kg	J		4	6010B
7439-89-6	Iron	13800	32.4	11.5	mg/Kg			4	6010B
7439-92-1	Lead	7.1	1.1	0.54	mg/Kg			4	6010B
7439-95-4	Magnesium	499	1080	11.4	mg/Kg	J		4	6010B
7439-96-5	Manganese	202	3.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	6.5	8.6	0.58	mg/Kg	J		4	6010B
7440-09-7	Potassium	305	1080	48.7	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.2	2.2	1.0	mg/Kg	U		4	6010B
7440-22-4	Silver	2.2	2.2	0.16	mg/Kg	U		4	6010B
7440-23-5	Sodium	1080	1080	66.2	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.2	2.2	1.0	mg/Kg	U		4	6010B
7440-62-2	Vanadium	19.4	10.8	0.56	mg/Kg			4	6010B
7440-66-6	Zinc	13.7	6.5	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.036	0.036	0.024	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-091411-MM-10

Lab Sample ID: 460-31330-4

Lab Name: TestAmerica Edison

Job No.: 460-31330-1

SDG ID.:

Matrix: Solid

Date Sampled: 09/14/2011 14:30

Reporting Basis: DRY

Date Received: 09/19/2011 15:00

% Solids: 85.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8810	46.7	17.1	mg/Kg			4	6010B
7440-36-0	Antimony	2.3	2.3	1.0	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.6	1.2	0.81	mg/Kg			4	6010B
7440-39-3	Barium	16.9	46.7	1.4	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.47	0.47	0.21	mg/Kg	U		4	6010B
7440-43-9	Cadmium	1.2	1.2	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	567	1170	30.7	mg/Kg	J		4	6010B
7440-47-3	Chromium	11.6	2.3	1.4	mg/Kg			4	6010B
7440-48-4	Cobalt	2.6	11.7	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	5.2	5.8	0.95	mg/Kg	J		4	6010B
7439-89-6	Iron	25300	35.0	12.4	mg/Kg			4	6010B
7439-92-1	Lead	6.1	1.2	0.58	mg/Kg			4	6010B
7439-95-4	Magnesium	212	1170	12.3	mg/Kg	J		4	6010B
7439-96-5	Manganese	19.2	3.5	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	3.1	9.3	0.63	mg/Kg	J		4	6010B
7440-09-7	Potassium	224	1170	52.7	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.3	2.3	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.3	2.3	0.18	mg/Kg	U		4	6010B
7440-23-5	Sodium	1170	1170	71.6	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.3	2.3	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	29.8	11.7	0.61	mg/Kg			4	6010B
7440-66-6	Zinc	6.8	7.0	1.1	mg/Kg	J		4	6010B
7439-97-6	Mercury	0.037	0.037	0.024	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	ICV 460-87216/6 09/23/2011 18:13				CCV 460-87216/18 09/23/2011 18:58				CCV 460-87216/30 09/23/2011 19:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125300		125000	100	124000		125000	99	124500		125000	100
Antimony	1028		1000	103	1009		1000	101	1009		1000	101
Arsenic	2513		2500	101	2484		2500	99	2484		2500	99
Barium	10190		10000	102	10080		10000	101	10090		10000	101
Beryllium	996.3		1000	100	987.2		1000	99	992.4		1000	99
Cadmium	1279		1250	102	1265		1250	101	1266		1250	101
Calcium	127400		125000	102	126300		125000	101	126900		125000	102
Chromium	5072		5000	101	5009		5000	100	5026		5000	101
Cobalt	2527		2500	101	2499		2500	100	2499		2500	100
Copper	12530		12500	100	12420		12500	99	12480		12500	100
Iron	101000		100000	101	99770		100000	100	99850		100000	100
Lead	7648		7500	102	7566		7500	101	7564		7500	101
Magnesium	126500		125000	101	124900		125000	100	125100		125000	100
Manganese	5136		5000	103	5092		5000	102	5105		5000	102
Nickel	2564		2500	103	2537		2500	101	2536		2500	101
Potassium	49920		50000	100	49590		50000	99	49950		50000	100
Selenium	2465		2500	99	2445		2500	98	2437		2500	97
Silver	1240		1250	99	1224		1250	98	1228		1250	98
Sodium	123600		125000	99	122400		125000	98	122600		125000	98
Thallium	2586		2500	103	2559		2500	102	2558		2500	102
Vanadium	2497		2500	100	2466		2500	99	2471		2500	99
Zinc	2529		2500	101	2502		2500	100	2498		2500	100

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.: 460-31330-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	CCV 460-87216/42 09/23/2011 20:27											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126200		125000	101								
Antimony	1026		1000	103								
Arsenic	2513		2500	101								
Barium	10210		10000	102								
Beryllium	1006		1000	101								
Cadmium	1282		1250	103								
Calcium	128200		125000	103								
Chromium	5022		5000	100								
Cobalt	2529		2500	101								
Copper	12620		12500	101								
Iron	99630		100000	100								
Lead	7660		7500	102								
Magnesium	124600		125000	100								
Manganese	5150		5000	103								
Nickel	2563		2500	103								
Potassium	50430		50000	101								
Selenium	2468		2500	99								
Silver	1227		1250	98								
Sodium	123400		125000	99								
Thallium	2572		2500	103								
Vanadium	2467		2500	99								
Zinc	2534		2500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00324 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00324

Analyte	ICV 460-86855/7-A 09/21/2011 20:45				CCV 460-86855/8-A 09/21/2011 21:08				CCV 460-86855/8-A 09/21/2011 21:32			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	856.7		833	103	901.7		833	108	920.0		833	110

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.: 460-31330-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00324 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00324

Analyte	CCV 460-86855/8-A 09/21/2011 21:49											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	920.0		833	110								

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.: 460-31330-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-87216/7 09/23/2011 18:17		CCB 460-87216/19 09/23/2011 19:01		CCB 460-87216/31 09/23/2011 19:46		CCB 460-87216/43 09/23/2011 20:30	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	5.25	J	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-86868/8 09/21/2011 20:47		CCB 460-86868/20 09/21/2011 21:10		CCB 460-86868/32 09/21/2011 21:34		CCB 460-86868/41 09/21/2011 21:52	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-87058/1-A ^2
 Instrument Code: ICP4 Batch No.: 87216

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6010B
7440-36-0	Antimony	1.0	U		6010B
7440-38-2	Arsenic	0.50	U		6010B
7440-39-3	Barium	20.0	U		6010B
7440-41-7	Beryllium	0.20	U		6010B
7440-43-9	Cadmium	0.50	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-47-3	Chromium	1.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-50-8	Copper	2.5	U		6010B
7439-89-6	Iron	15.0	U		6010B
7439-92-1	Lead	0.50	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	1.5	U		6010B
7440-02-0	Nickel	4.0	U		6010B
7440-09-7	Potassium	500	U		6010B
7782-49-2	Selenium	1.0	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-28-0	Thallium	1.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-86855/10-A
Instrument Code: LEEMAN5 Batch No.: 86868

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-87216/8 Instrument ID: ICP4
 Lab File ID: 09232011A.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	499200	100
Antimony		0.102	
Arsenic		0.282	
Barium		1.85	
Beryllium		0.0221	
Cadmium		-0.859	
Calcium	500000	453200	91
Chromium		0.0137	
Cobalt		-0.560	
Copper		-4.47	
Iron	200000	195700	98
Lead		2.88	
Magnesium	500000	506400	101
Manganese		-2.52	
Nickel		-0.433	
Potassium		10.3	
Selenium		-3.36	
Silver		-0.182	
Sodium		-108	
Thallium		-2.95	
Vanadium		-1.88	
Zinc		-0.225	
<i>Boron</i>		<i>7.54</i>	
<i>Molybdenum</i>		<i>-2.52</i>	
<i>Strontium</i>		<i>-4.03</i>	
<i>Tin</i>		<i>1.08</i>	
<i>Titanium</i>		<i>-15.2</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-87216/9 Instrument ID: ICP4
 Lab File ID: 09232011A.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	518700	104
Antimony	100	98.4	98
Arsenic	100	99.9	100
Barium	100	106	106
Beryllium	100	102	102
Cadmium	100	99.3	99
Calcium	500000	466600	93
Chromium	100	104	104
Cobalt	100	99.4	99
Copper	100	99.2	99
Iron	200000	202300	101
Lead	100	101	101
Magnesium	500000	525300	105
Manganese	100	102	102
Nickel	100	97.8	98
Potassium	10000	10930	109
Selenium	100	93.9	94
Silver	100	107	107
Sodium	10000	10690	107
Thallium	100	94.7	95
Vanadium	100	99.9	100
Zinc	100	108	108
<i>Boron</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Molybdenum</i>	<i>100</i>	<i>98.3</i>	<i>98</i>
<i>Strontium</i>	<i>100</i>	<i>115</i>	<i>115</i>
<i>Tin</i>	<i>100</i>	<i>93.4</i>	<i>93</i>
<i>Titanium</i>	<i>100</i>	<i>87.1</i>	<i>87</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31372-B-9-A MS
Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 62.9

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA) U	%R	Control Limit %R	Q	Method
Mercury	0.297	0.052	0.265	112	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.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31372-B-9-S MS ^4
 Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 62.9

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	15900	12900	312	972	75-125	4	6010B
Antimony	31.58	3.0 U	77.9	41	75-125	F	6010B
Arsenic	282.2	12.2	312	87	75-125		6010B
Barium	322.0	29.5 J	312	94	75-125		6010B
Beryllium	7.97	0.87	7.79	91	75-125		6010B
Cadmium	6.87	1.5 U	7.79	88	75-125		6010B
Calcium	5449	2400	3120	98	75-125		6010B
Chromium	66.87	33.3	31.2	108	75-125		6010B
Cobalt	80.74	9.1 J	77.9	92	75-125		6010B
Copper	45.33	9.3	39.0	92	75-125		6010B
Iron	43800	41900	156	1191	75-125	4	6010B
Lead	82.80	10.9	77.9	92	75-125		6010B
Magnesium	10010	6800	3120	103	75-125		6010B
Manganese	436.8	367	77.9	90	75-125	4	6010B
Nickel	96.17	22.8	77.9	94	75-125		6010B
Potassium	6503	2910	3120	115	75-125		6010B
Selenium	262.5	3.0 U	312	84	75-125		6010B
Silver	6.28	3.0 U	7.79	81	75-125		6010B
Sodium	3819	1040 J	3120	89	75-125		6010B
Thallium	291.5	3.0 U	312	93	75-125		6010B
Vanadium	115.0	39.1	77.9	97	75-125		6010B
Zinc	145.0	72.6	77.9	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.

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31372-B-9-Q PDS ^4
 Lab Name: TestAmerica Edison Job No.: 460-31330-1
 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	13380	12900	606	NC	75-125		6010B
Antimony	135.9	3.0 U	151	90	75-125		6010B
Arsenic	563.0	12.2	606	91	75-125		6010B
Barium	608.4	29.5 J	606	96	75-125		6010B
Beryllium	14.94	0.87	15.1	93	75-125		6010B
Cadmium	14.18	1.5 U	15.1	94	75-125		6010B
Calcium	8392	2400	6060	99	75-125		6010B
Chromium	90.67	33.3	60.6	95	75-125		6010B
Cobalt	153.2	9.1 J	151	95	75-125		6010B
Copper	81.71	9.3	75.7	96	75-125		6010B
Iron	42060	41900	303	NC	75-125		6010B
Lead	156.7	10.9	151	96	75-125		6010B
Magnesium	12400	6800	6060	93	75-125		6010B
Manganese	515.4	367	151	98	75-125		6010B
Nickel	168.8	22.8	151	96	75-125		6010B
Potassium	8440	2910	6060	91	75-125		6010B
Selenium	536.6	3.0 U	606	89	75-125		6010B
Silver	12.95	3.0 U	15.1	85	75-125		6010B
Sodium	6626	1040 J	6060	92	75-125		6010B
Thallium	585.4	3.0 U	606	97	75-125		6010B
Vanadium	179.1	39.1	151	92	75-125		6010B
Zinc	213.9	72.6	151	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.

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31372-A-9-B DU
Lab Name: TestAmerica Edison Job No.: 460-31330-1
SDG No.: _____
% Solids for Sample: 62.9 % Solids for Duplicate: 62.9
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.052	0.052 U	0.0419 J	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: 460-31372-B-9-R DU ^4
 Lab Name: TestAmerica Edison Job No.: 460-31330-1
 SDG No.: _____
 % Solids for Sample: 62.9 % Solids for Duplicate: 62.9
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	60.6	12900		6		6010B
Antimony	3.0	3.0 U	3.0 U	NC		6010B
Arsenic	1.5	12.2	13.92	13		6010B
Barium	60.6	29.5 J	31.22 J	6		6010B
Beryllium	0.61	0.87	0.936	8		6010B
Cadmium	1.5	1.5 U	1.5 U	NC		6010B
Calcium	1510	2400	2419	0.7		6010B
Chromium	3.0	33.3	34.98	5		6010B
Cobalt	15.1	9.1 J	9.39 J	3		6010B
Copper	7.6	9.3	9.46	2		6010B
Iron	45.4	41900	43060	3		6010B
Lead	1.5	10.9	10.41	5		6010B
Magnesium	1510	6800	7068	4		6010B
Manganese	4.5	367	371.6	1		6010B
Nickel	12.1	22.8	23.76	4		6010B
Potassium	1510	2910	3143	8		6010B
Selenium	3.0	3.0 U	3.0 U	NC		6010B
Silver	3.0	3.0 U	3.0 U	NC		6010B
Sodium	1510	1040 J	1039 J	0.4		6010B
Thallium	3.0	3.0 U	3.0 U	NC		6010B
Vanadium	15.1	39.1	41.49	6		6010B
Zinc	9.1	72.6	74.29	2		6010B

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

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-87058/2-A ^4

Lab Name: TestAmerica Edison

Job No.: 460-31330-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10500	7842		75	46.1	154		6010B
Antimony	67.4	162.3		241	32.0	353		6010B
Arsenic	104	93.66		90	69.7	131		6010B
Barium	198	179.3		91	73.2	126		6010B
Beryllium	77.6	72.66		94	74.0	126		6010B
Cadmium	60.7	56.70		93	73.3	127		6010B
Calcium	9870	9358		95	75.4	125		6010B
Chromium	236	220.4		93	70.8	129		6010B
Cobalt	91.2	89.38		98	74.4	126		6010B
Copper	174	162.1		93	75.3	124		6010B
Iron	18000	16910		94	42.1	158		6010B
Lead	86.0	79.62		93	69.8	130		6010B
Magnesium	4000	3396		85	69.5	131		6010B
Manganese	558	528.4		95	77.4	123		6010B
Nickel	134	132.1		99	73.2	127		6010B
Potassium	4300	3740		87	65.3	135		6010B
Selenium	286	250.4		88	69.6	130		6010B
Silver	30.1	26.92		89	65.1	135		6010B
Sodium	1020	886.0	J	87	60.2	139		6010B
Thallium	121	124.1		103	67.8	133		6010B
Vanadium	115	105.1		91	67.6	132		6010B
Zinc	594	545.8		92	73.6	127		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 460-86855/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-31330-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.65		102	51.3	149		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: 460-31372-B-9-Q SD ^20

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31330-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	12900		13000		1.0		6010B
Antimony	3.0	U	15.1	U	NC		6010B
Arsenic	12.2		10.78		NC		6010B
Barium	29.5	J	29.35	J	NC		6010B
Beryllium	0.87		3.0	U	NC		6010B
Cadmium	1.5	U	7.6	U	NC		6010B
Calcium	2400		2415	J	0.55		6010B
Chromium	33.3		31.72		NC		6010B
Cobalt	9.1	J	9.76	J	NC		6010B
Copper	9.3		37.9	U	NC		6010B
Iron	41900		41840		0.25		6010B
Lead	10.9		11.60		NC		6010B
Magnesium	6800		6897	J	1.5		6010B
Manganese	367		368.4		0.45		6010B
Nickel	22.8		23.74	J	NC		6010B
Potassium	2910		3109	J	NC		6010B
Selenium	3.0	U	15.1	U	NC		6010B
Silver	3.0	U	15.1	U	NC		6010B
Sodium	1040	J	1005	J	NC		6010B
Thallium	3.0	U	15.1	U	NC		6010B
Vanadium	39.1		40.05	J	2.4		6010B
Zinc	72.6		72.65		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: 460-31372-A-9-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31330-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Result (S)	C			
Mercury	0.052	U	0.26	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: 460-31330-1
 SDG Number: _____
 Matrix: Solid Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 10:24
 Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum	308.0	10	3.664
Antimony	206.8	0.5	0.22
Arsenic	189.0	0.25	0.174
Barium	483.4	10	0.302
Beryllium	313.0	0.1	0.044
Cadmium	226.5	0.25	0.039
Calcium	317.9	250	6.574
Chromium	267.7	0.5	0.297
Cobalt	228.6	2.5	0.307
Copper	324.7	1.25	0.204
Iron	271.4	7.5	2.654
Lead	220.6	0.25	0.125
Magnesium	279.0	250	2.645
Manganese	257.0	0.75	0.282
Nickel	231.6	2	0.134
Potassium	766.4	250	11.284
Selenium	196.0	0.5	0.234
Silver	328.0	0.5	0.038
Sodium	330.2	250	15.352
Thallium	190.8	0.5	0.242
Vanadium	292.4	2.5	0.13
Zinc	206.2	1.5	0.245

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31330-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP4
Method: 6010B XMDL Date: 01/01/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	86.956
Antimony		10	4.6
Arsenic		5	3.831
Barium		200	3.212
Beryllium		2	0.942
Cadmium		5	0.918
Calcium		5000	72.229
Chromium		10	3.201
Cobalt		50	2.767
Copper		25	3.648
Iron		150	40.158
Lead		5	2.787
Magnesium		5000	58.863
Manganese		15	2.515
Nickel		40	3.509
Potassium		5000	208.667
Selenium		10	4.752
Silver		10	0.969
Sodium		5000	341.097
Thallium		10	4.643
Vanadium		50	1.978
Zinc		30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31330-1
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: 460-31330-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A XMDL Date: 12/30/2008 14:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-31330-1

SDG No.: _____

Instrument ID: ICP4

Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-87058/1-A ^2	09/23/2011 07:13	87058	1.00		50
LCSSRM 460-87058/2-A ^4	09/23/2011 07:13	87058	1.00		50
460-31372-B-9-R DU ^4	09/23/2011 07:13	87058	1.05		50
460-31372-B-9-S MS ^4	09/23/2011 07:13	87058	1.02		50
460-31330-1	09/23/2011 07:13	87058	1.00		50
460-31330-4	09/23/2011 07:13	87058	1.00		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-86855/10-A	09/21/2011 18:00	86855	0.60		100
LCSSRM 460-86855/11-A ^10	09/21/2011 18:00	86855	0.60		100
460-31372-A-9-B DU	09/21/2011 18:00	86855	0.60		100
460-31372-B-9-A MS	09/21/2011 18:00	86855	0.60		100
460-31330-1	09/21/2011 18:00	86855	0.60		100
460-31330-4	09/21/2011 18:00	86855	0.63		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			17:55																			
ZZZZZZ			17:58																			
ZZZZZZ			18:02																			
ZZZZZZ			18:06																			
ZZZZZZ			18:09																			
ICV 460-87216/6	1		18:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-87216/7	1		18:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-87216/8	1		18:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-87216/9	1		18:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:28																			
460-31372-B-9-R DU ^4	4	T	18:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:36																			
460-31372-B-9-Q SD ^20	20	T	18:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31372-B-9-S MS ^4	4	T	18:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31372-B-9-Q PDS ^4	4	T	18:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:50																			
ZZZZZZ			18:54																			
CCV 460-87216/18	1		18:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-87216/19	1		19:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-87058/1-A ^2	2	T	19:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSSRM 460-87058/2-A ^4	4	T	19:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:13																			
ZZZZZZ			19:16																			
ZZZZZZ			19:20																			
ZZZZZZ			19:24																			
ZZZZZZ			19:27																			
ZZZZZZ			19:31																			
ZZZZZZ			19:35																			
ZZZZZZ			19:39																			
CCV 460-87216/30	1		19:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-87216/31	1		19:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:50																			
ZZZZZZ			19:53																			
ZZZZZZ			19:57																			
ZZZZZZ			20:01																			
ZZZZZZ			20:04																			
460-31330-1	4	T	20:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-31330-4	4	T	20:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:16																			
ZZZZZZ			20:19																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			20:23																			
CCV 460-87216/42	1		20:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-87216/43	1		20:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:34																			
ZZZZZZ			20:38																			
ZZZZZZ			20:41																			
ZZZZZZ			20:45																			
ZZZZZZ			20:49																			
ZZZZZZ			20:53																			
ZZZZZZ			20:56																			
ZZZZZZ			21:00																			
ZZZZZZ			21:04																			
ZZZZZZ			21:08																			
CCV 460-87216/54			21:11																			
CCB 460-87216/55			21:15																			
ZZZZZZ			21:19																			
ZZZZZZ			21:22																			
ZZZZZZ			21:26																			
ZZZZZZ			21:30																			
ZZZZZZ			21:34																			
ZZZZZZ			21:37																			
ZZZZZZ			21:41																			
ZZZZZZ			21:45																			
ZZZZZZ			21:49																			
ZZZZZZ			21:52																			
CCV 460-87216/66			21:56																			
CCB 460-87216/67			22:00																			
ZZZZZZ			22:03																			
ZZZZZZ			22:07																			
ZZZZZZ			22:11																			
ZZZZZZ			22:14																			
ZZZZZZ			22:18																			
ZZZZZZ			22:22																			
ZZZZZZ			22:26																			
ZZZZZZ			22:29																			
ZZZZZZ			22:33																			
ZZZZZZ			22:37																			
CCV 460-87216/78			22:40																			
CCB 460-87216/79			22:44																			
ZZZZZZ			22:48																			
ZZZZZZ			22:52																			
ZZZZZZ			22:55																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			22:59																			
ZZZZZZ			23:02																			
ZZZZZZ			23:06																			
ZZZZZZ			23:10																			
ZZZZZZ			23:14																			
ZZZZZZ			23:18																			
ZZZZZZ			23:21																			
CCV 460-87216/90			23:25																			
CCB 460-87216/91			23:28																			
ZZZZZZ			23:32																			
ZZZZZZ			23:36																			
ZZZZZZ			23:40																			
ZZZZZZ			23:44																			
ZZZZZZ			23:48																			
ZZZZZZ			23:51																			
ZZZZZZ			23:55																			
ZZZZZZ			23:59																			
ZZZZZZ			00:03																			
ZZZZZZ			00:06																			
CCV 460-87216/102			00:10																			
CCB 460-87216/103			00:14																			
ZZZZZZ			00:18																			
ZZZZZZ			00:21																			
ZZZZZZ			00:25																			
ZZZZZZ			00:29																			
ZZZZZZ			00:33																			
ZZZZZZ			00:36																			
CCV 460-87216/110			00:40																			
CCB 460-87216/111			00:44																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ZZZZZZ			17:55																
ZZZZZZ			17:58																
ZZZZZZ			18:02																
ZZZZZZ			18:06																
ZZZZZZ			18:09																
ICV 460-87216/6	1		18:13	X	X														
ICB 460-87216/7	1		18:17	X	X														
ICSA 460-87216/8	1		18:21	X	X														
ICSAB 460-87216/9	1		18:24	X	X														
ZZZZZZ			18:28																
460-31372-B-9-R DU ^4	4	T	18:32	X	X														
ZZZZZZ			18:36																
460-31372-B-9-Q SD ^20	20	T	18:40	X	X														
460-31372-B-9-S MS ^4	4	T	18:43	X	X														
460-31372-B-9-Q PDS ^4	4	T	18:47	X	X														
ZZZZZZ			18:50																
ZZZZZZ			18:54																
CCV 460-87216/18	1		18:58	X	X														
CCB 460-87216/19	1		19:01	X	X														
MB 460-87058/1-A ^2	2	T	19:05	X	X														
LCSSRM 460-87058/2-A ^4	4	T	19:09	X	X														
ZZZZZZ			19:13																
ZZZZZZ			19:16																
ZZZZZZ			19:20																
ZZZZZZ			19:24																
ZZZZZZ			19:27																
ZZZZZZ			19:31																
ZZZZZZ			19:35																
ZZZZZZ			19:39																
CCV 460-87216/30	1		19:42	X	X														
CCB 460-87216/31	1		19:46	X	X														
ZZZZZZ			19:50																
ZZZZZZ			19:53																
ZZZZZZ			19:57																
ZZZZZZ			20:01																
ZZZZZZ			20:04																
460-31330-1	4	T	20:08	X	X														
460-31330-4	4	T	20:12	X	X														
ZZZZZZ			20:16																
ZZZZZZ			20:19																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			20:23																		
CCV 460-87216/42	1		20:27	X	X																
CCB 460-87216/43	1		20:30	X	X																
ZZZZZZ			20:34																		
ZZZZZZ			20:38																		
ZZZZZZ			20:41																		
ZZZZZZ			20:45																		
ZZZZZZ			20:49																		
ZZZZZZ			20:53																		
ZZZZZZ			20:56																		
ZZZZZZ			21:00																		
ZZZZZZ			21:04																		
ZZZZZZ			21:08																		
CCV 460-87216/54			21:11																		
CCB 460-87216/55			21:15																		
ZZZZZZ			21:19																		
ZZZZZZ			21:22																		
ZZZZZZ			21:26																		
ZZZZZZ			21:30																		
ZZZZZZ			21:34																		
ZZZZZZ			21:37																		
ZZZZZZ			21:41																		
ZZZZZZ			21:45																		
ZZZZZZ			21:49																		
ZZZZZZ			21:52																		
CCV 460-87216/66			21:56																		
CCB 460-87216/67			22:00																		
ZZZZZZ			22:03																		
ZZZZZZ			22:07																		
ZZZZZZ			22:11																		
ZZZZZZ			22:14																		
ZZZZZZ			22:18																		
ZZZZZZ			22:22																		
ZZZZZZ			22:26																		
ZZZZZZ			22:29																		
ZZZZZZ			22:33																		
ZZZZZZ			22:37																		
CCV 460-87216/78			22:40																		
CCB 460-87216/79			22:44																		
ZZZZZZ			22:48																		
ZZZZZZ			22:52																		
ZZZZZZ			22:55																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/23/2011 17:55 End Date: 09/24/2011 00:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			22:59																		
ZZZZZZ			23:02																		
ZZZZZZ			23:06																		
ZZZZZZ			23:10																		
ZZZZZZ			23:14																		
ZZZZZZ			23:18																		
ZZZZZZ			23:21																		
CCV 460-87216/90			23:25																		
CCB 460-87216/91			23:28																		
ZZZZZZ			23:32																		
ZZZZZZ			23:36																		
ZZZZZZ			23:40																		
ZZZZZZ			23:44																		
ZZZZZZ			23:48																		
ZZZZZZ			23:51																		
ZZZZZZ			23:55																		
ZZZZZZ			23:59																		
ZZZZZZ			00:03																		
ZZZZZZ			00:06																		
CCV 460-87216/102			00:10																		
CCB 460-87216/103			00:14																		
ZZZZZZ			00:18																		
ZZZZZZ			00:21																		
ZZZZZZ			00:25																		
ZZZZZZ			00:29																		
ZZZZZZ			00:33																		
ZZZZZZ			00:36																		
CCV 460-87216/110			00:40																		
CCB 460-87216/111			00:44																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/21/2011 20:33 End Date: 09/21/2011 21:52

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-86855/1-A			20:33	X															
IC 460-86855/2-A			20:35	X															
IC 460-86855/3-A			20:37	X															
IC 460-86855/4-A			20:39	X															
IC 460-86855/5-A			20:41	X															
IC 460-86855/6-A			20:42	X															
ICV 460-86855/7-A	1		20:45	X															
ICB 460-86868/8	1		20:47	X															
MB 460-86855/10-A	1	T	20:48	X															
LCSSRM 460-86855/11-A ^10	10	T	20:50	X															
ZZZZZZ			20:52																
460-31372-A-9-B DU	1	T	20:54	X															
460-31372-B-9-A MS	1	T	20:56	X															
ZZZZZZ			20:58																
ZZZZZZ			21:00																
ZZZZZZ			21:01																
ZZZZZZ			21:04																
ZZZZZZ			21:06																
CCV 460-86855/8-A	1		21:08	X															
CCB 460-86868/20	1		21:10	X															
ZZZZZZ			21:12																
ZZZZZZ			21:14																
ZZZZZZ			21:16																
ZZZZZZ			21:18																
460-31330-1	1	T	21:20	X															
460-31330-4	1	T	21:22	X															
ZZZZZZ			21:23																
ZZZZZZ			21:25																
ZZZZZZ			21:28																
ZZZZZZ			21:30																
CCV 460-86855/8-A	1		21:32	X															
CCB 460-86868/32	1		21:34	X															
ZZZZZZ			21:36																
ZZZZZZ			21:38																
ZZZZZZ			21:40																
ZZZZZZ			21:42																
ZZZZZZ			21:44																
ZZZZZZ			21:46																
460-31372-A-9-A SD ^5	5	T	21:48	X															
CCV 460-86855/8-A	1		21:49	X															
CCB 460-86868/41	1		21:52	X															

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31330-1

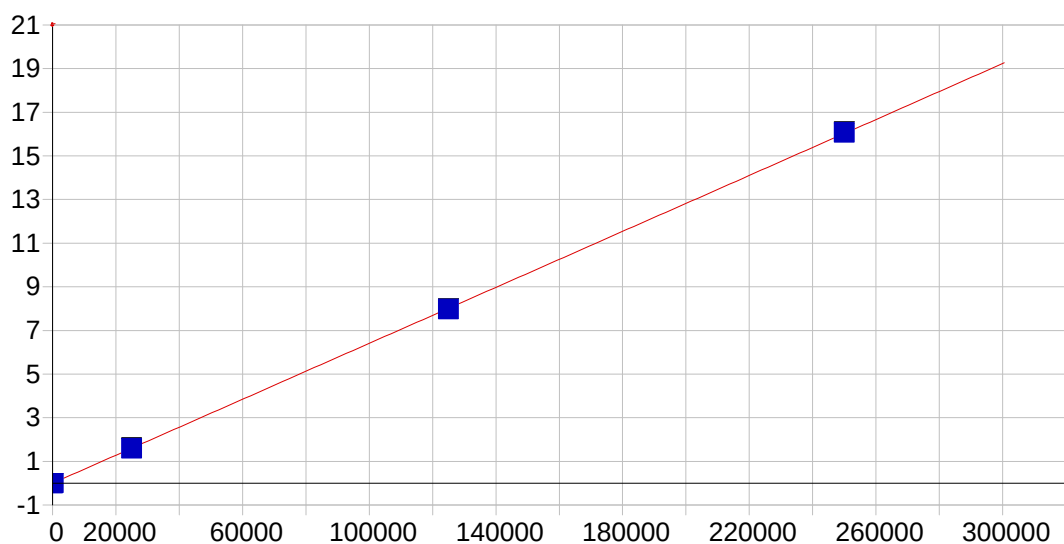
SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/21/2011 20:33 End Date: 09/21/2011 21:52

Prep Types

T = Total/NA



AI 396.152 { 85}

Date of Fit: 9/23/2011 18:13:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000251

Re-Slope: 1.000000

A1 (Gain): 0.000064

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999993

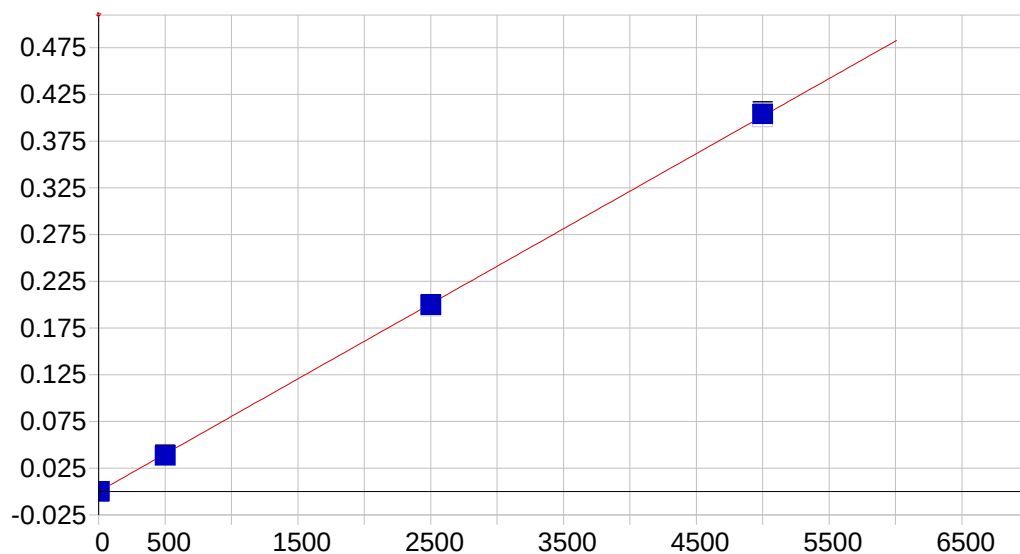
Status: OK.

Std Error of Est: 0.000090

Predicted MDL: 15.128416

Predicted MQL: 50.428054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00946	-.009	.000	.00025	.001	1
DCAL1	200.00	210.19	10.2	5.09	.01378	.000	1
DCAL2	25000.	24974.	-25.8	-.103	1.6026	.002	1
DCAL3	125000.	124330.	-665.	-.532	7.9775	.022	1
DCAL4	250000.	250680.	681.	.272	16.084	.027	1

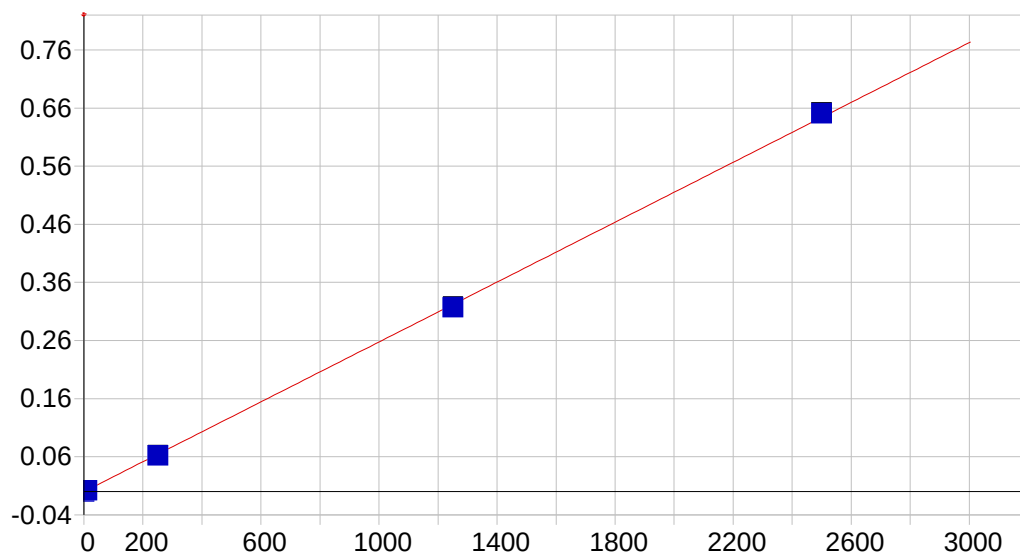


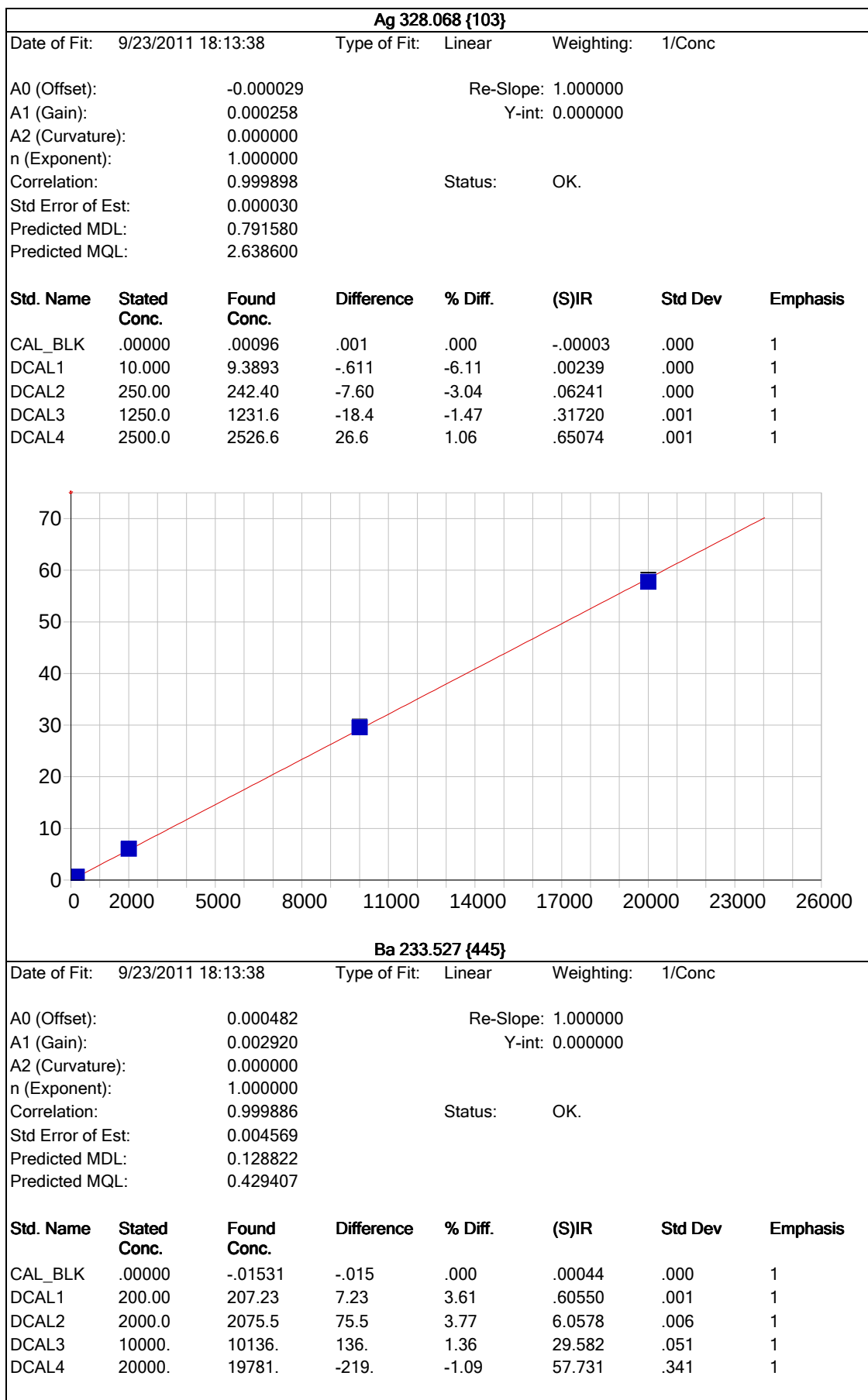
As 189.042 {478}

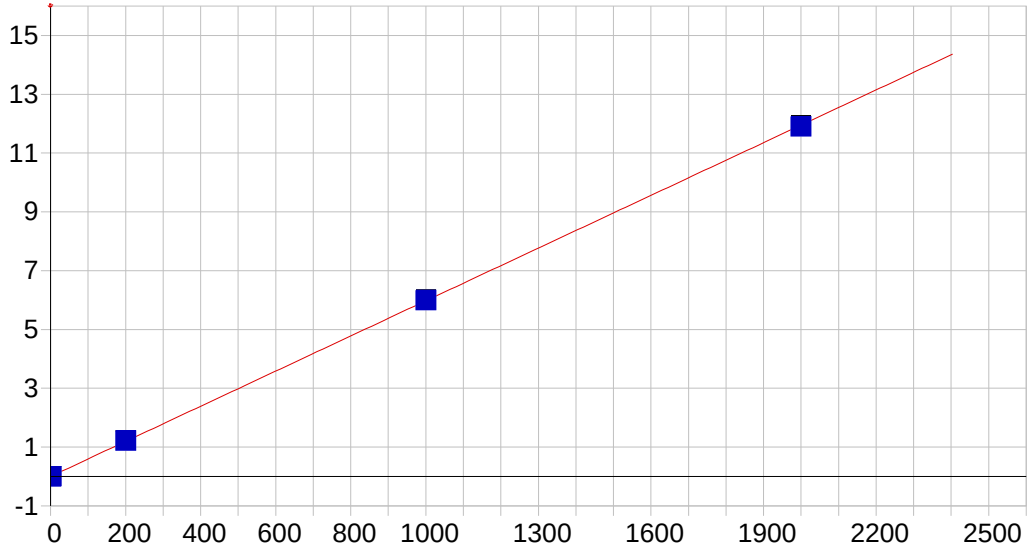
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.000080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 2.322401
 Predicted MQL: 7.741336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00041	.000	.000	.00004	.000	1
DCAL1	5.0000	4.7521	-.248	-4.96	.00042	.000	1
DCAL2	500.00	482.90	-17.1	-3.42	.03849	.000	1
DCAL3	2500.0	2487.9	-12.1	-.483	.19821	.000	1
DCAL4	5000.0	5029.4	29.4	.589	.40069	.002	1





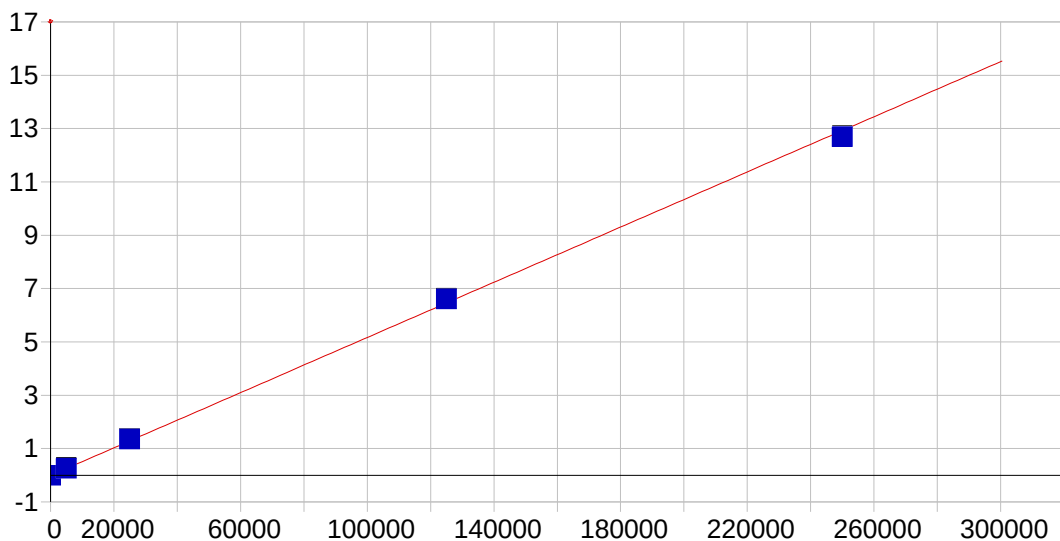


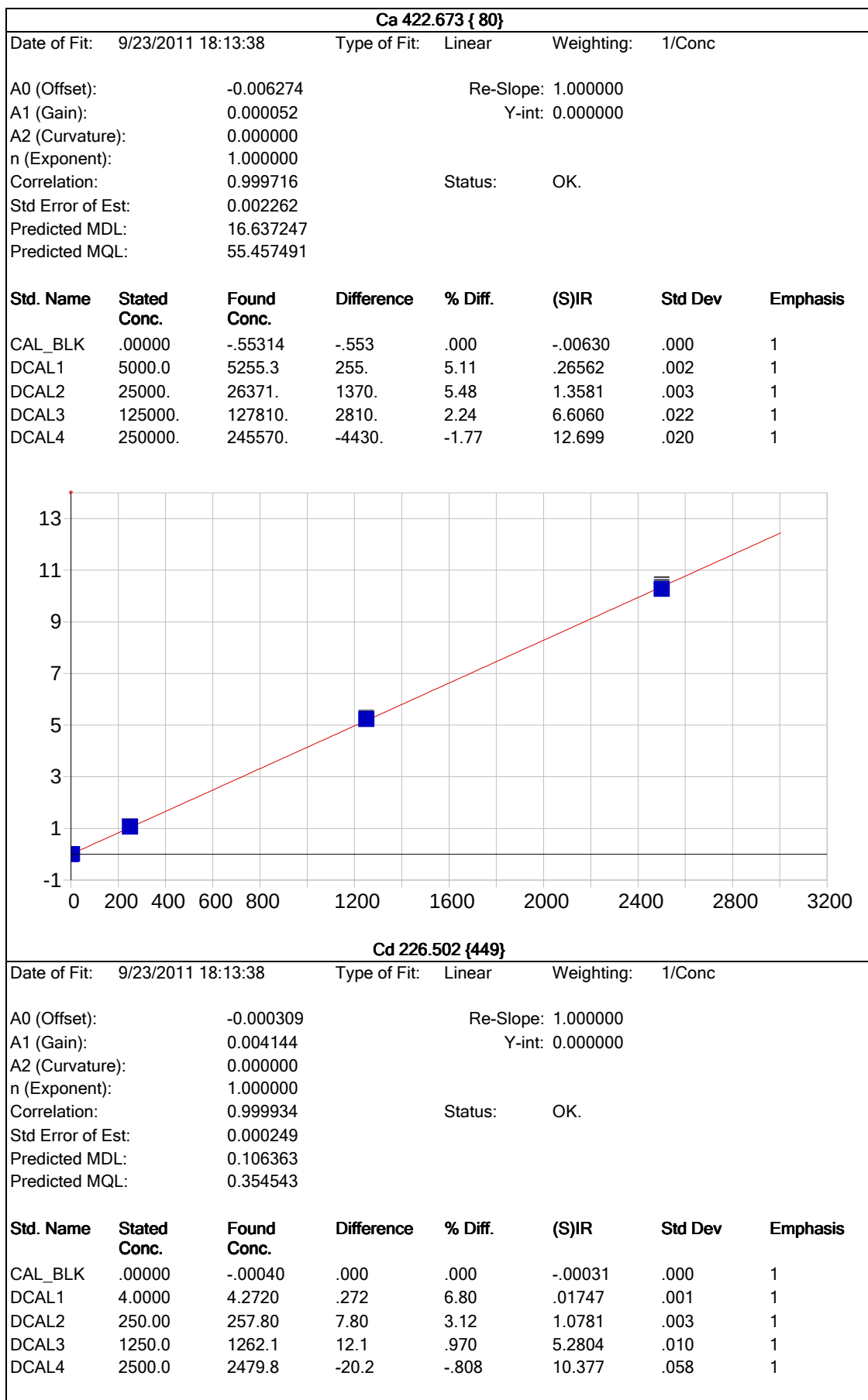
Be 313.042 {108}

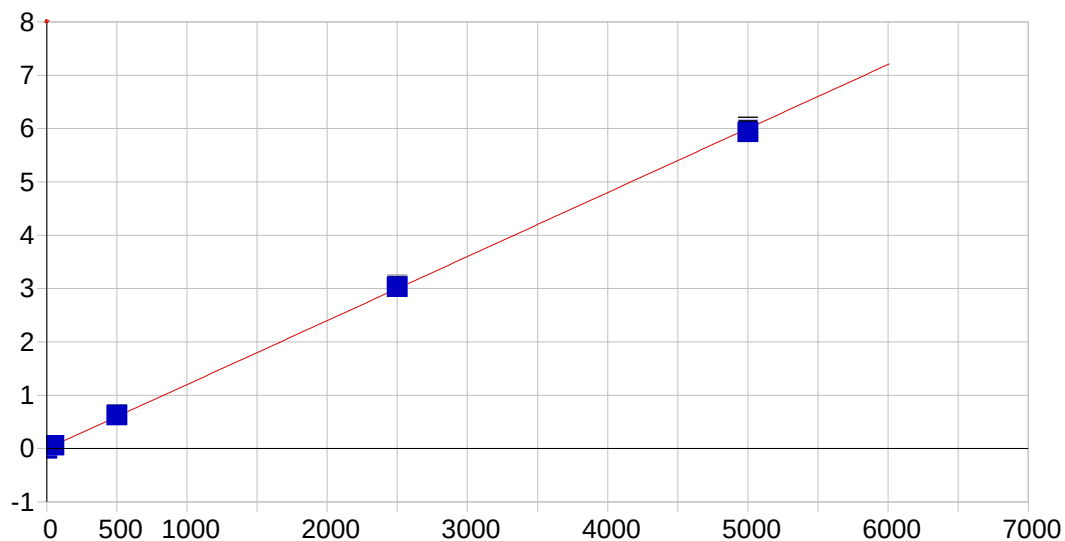
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000397 Re-Slope: 1.000000
 A1 (Gain): 0.005976 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.118471
 Predicted MQL: 0.394904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00005	.000	.000	-.00040	.000	1
DCAL1	2.0000	1.9169	-.083	-4.16	.01107	.000	1
DCAL2	200.00	203.34	3.34	1.67	1.2151	.003	1
DCAL3	1000.0	1004.0	3.96	.396	6.0011	.016	1
DCAL4	2000.0	1992.8	-7.22	-.361	11.912	.031	1





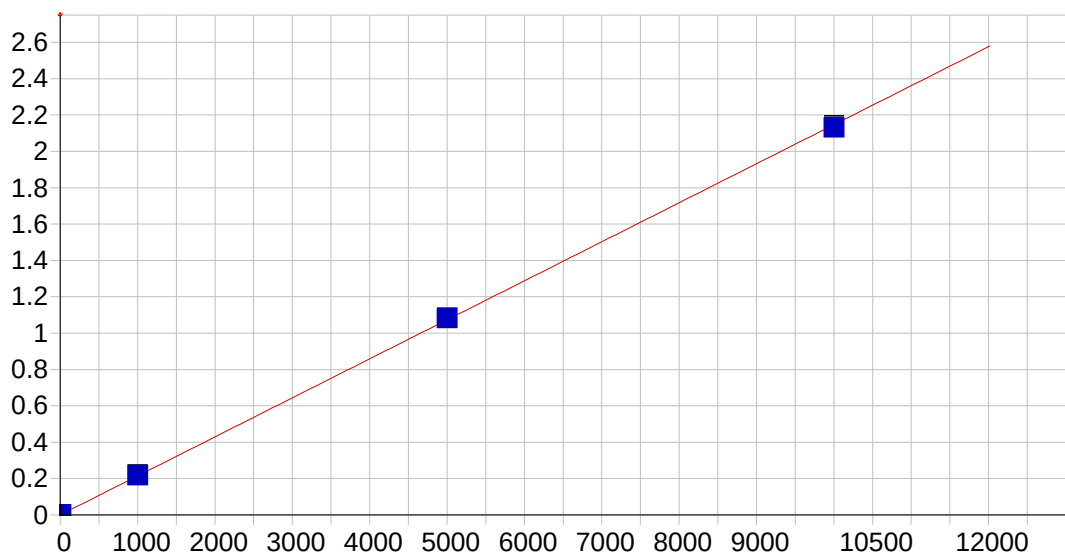


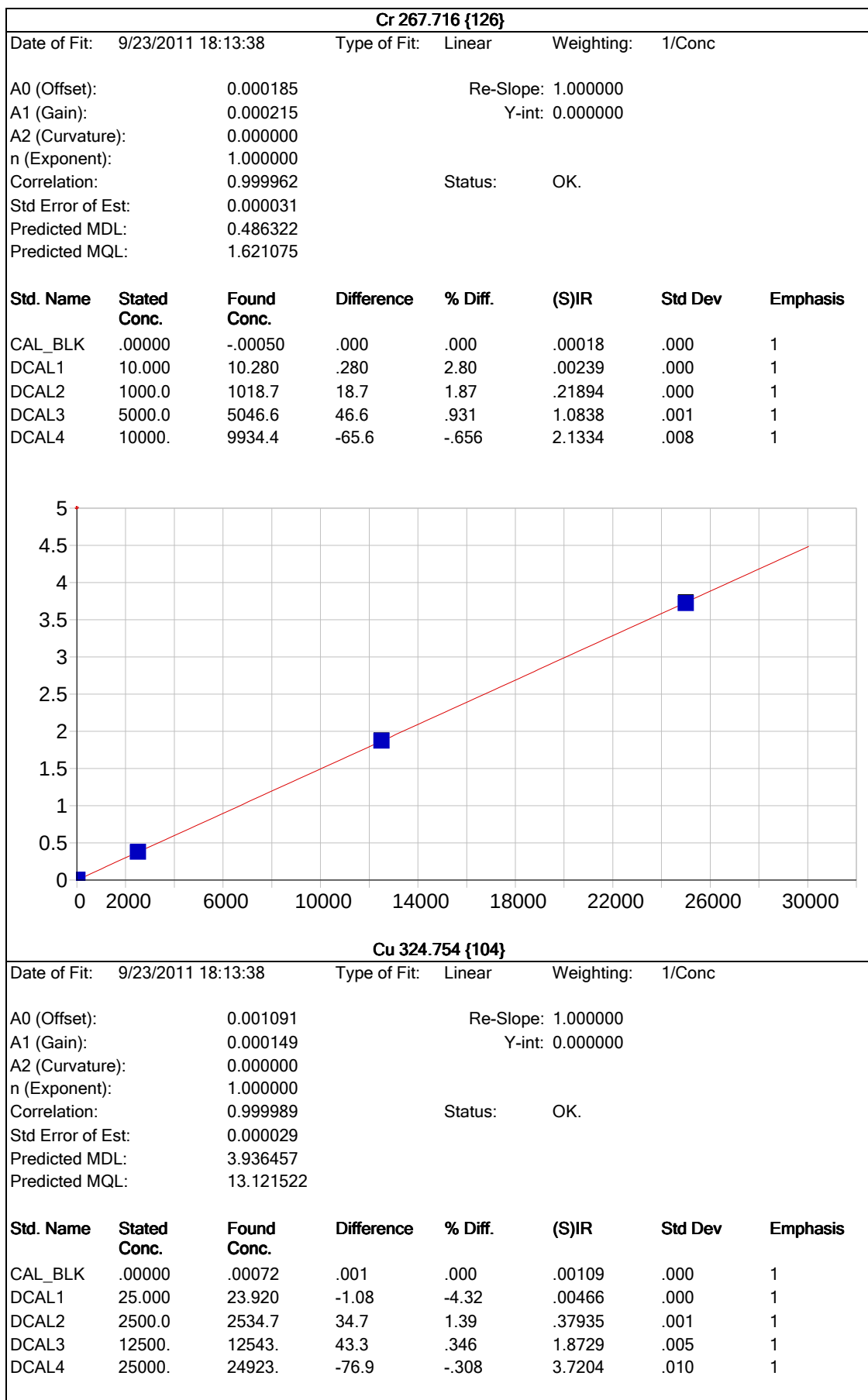
Co 228.616 {447}

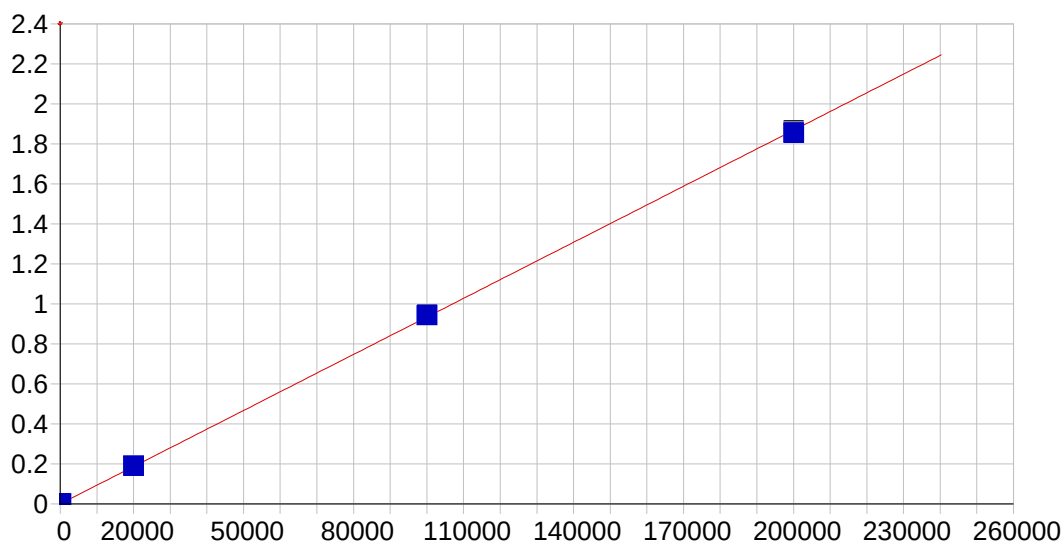
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000538 Re-Slope: 1.000000
 A1 (Gain): 0.001200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000504
 Predicted MDL: 0.309905
 Predicted MQL: 1.033016

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00488	-.005	.000	-.00054	.000	1
DCAL1	50.000	52.506	2.51	5.01	.06247	.000	1
DCAL2	500.00	523.67	23.7	4.73	.63289	.000	1
DCAL3	2500.0	2527.3	27.3	1.09	3.0573	.004	1
DCAL4	5000.0	4946.6	-53.4	-1.07	5.9855	.038	1





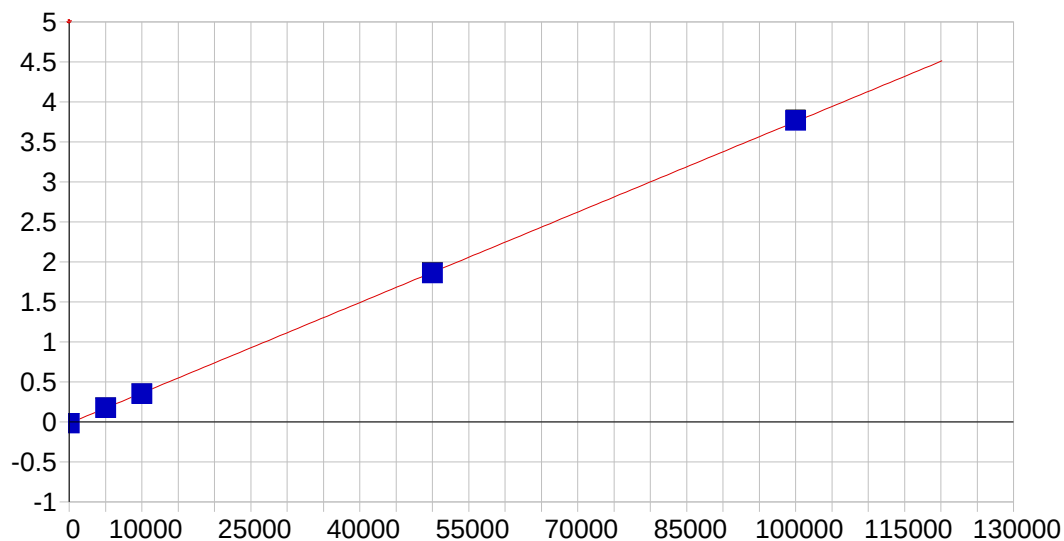


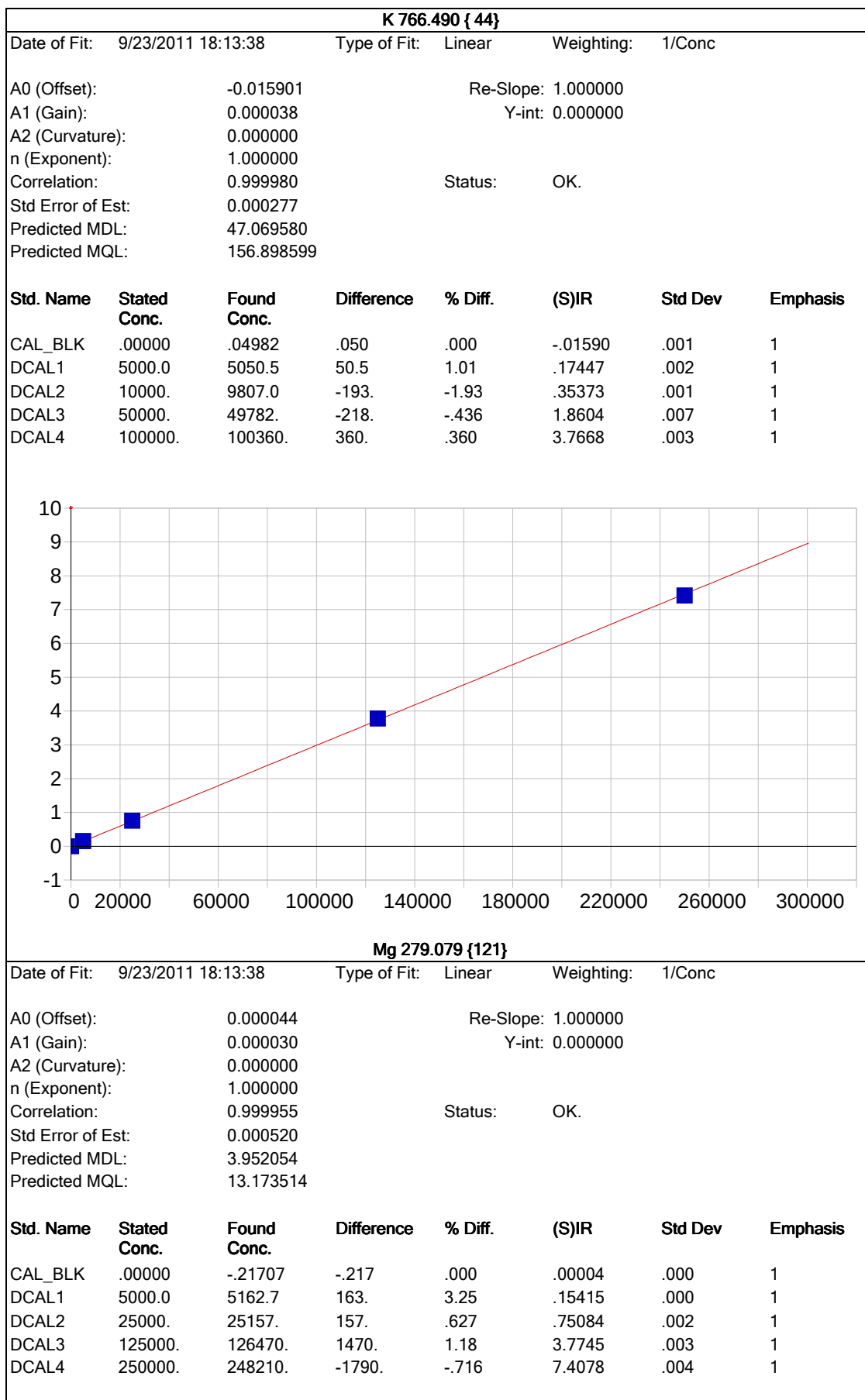
Fe 271.441 {124}

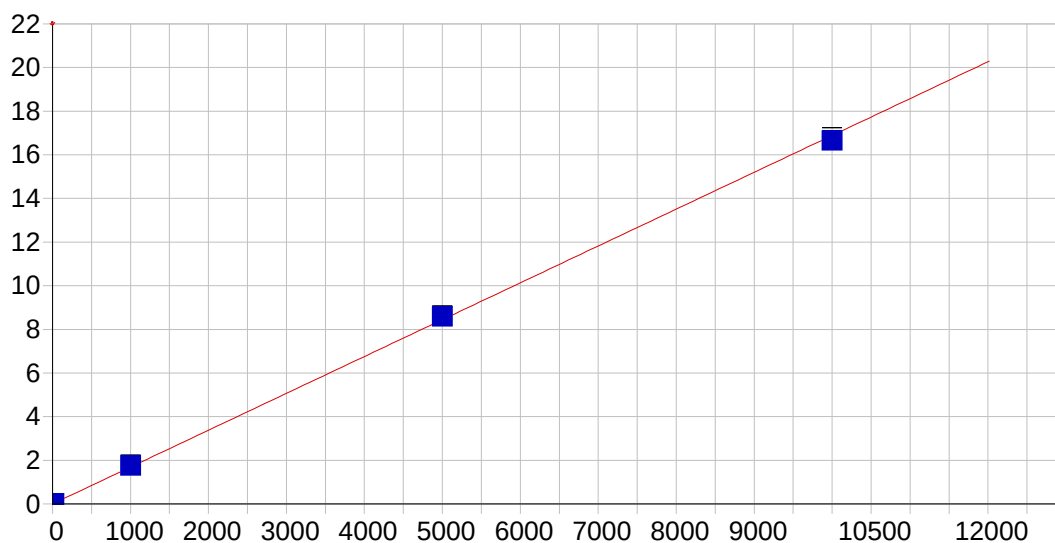
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 11.427918
 Predicted MQL: 38.093059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00856	-.009	.000	.00002	.000	1
DCAL1	150.00	154.91	4.91	3.28	.00151	.000	1
DCAL2	20000.	20431.	431.	2.16	.19140	.000	1
DCAL3	100000.	100990.	990.	.990	.94602	.001	1
DCAL4	200000.	198570.	-1430.	-.713	1.8602	.006	1





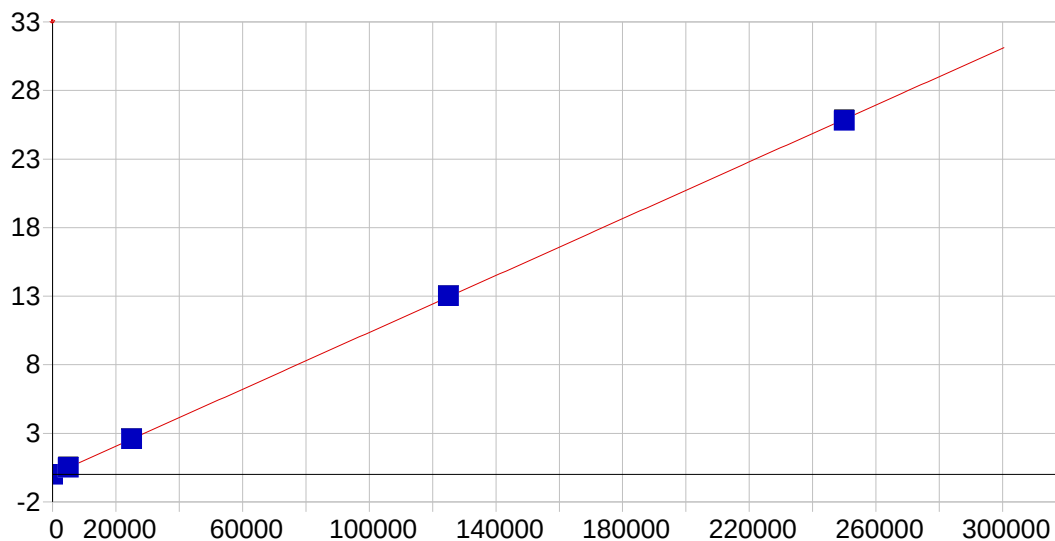


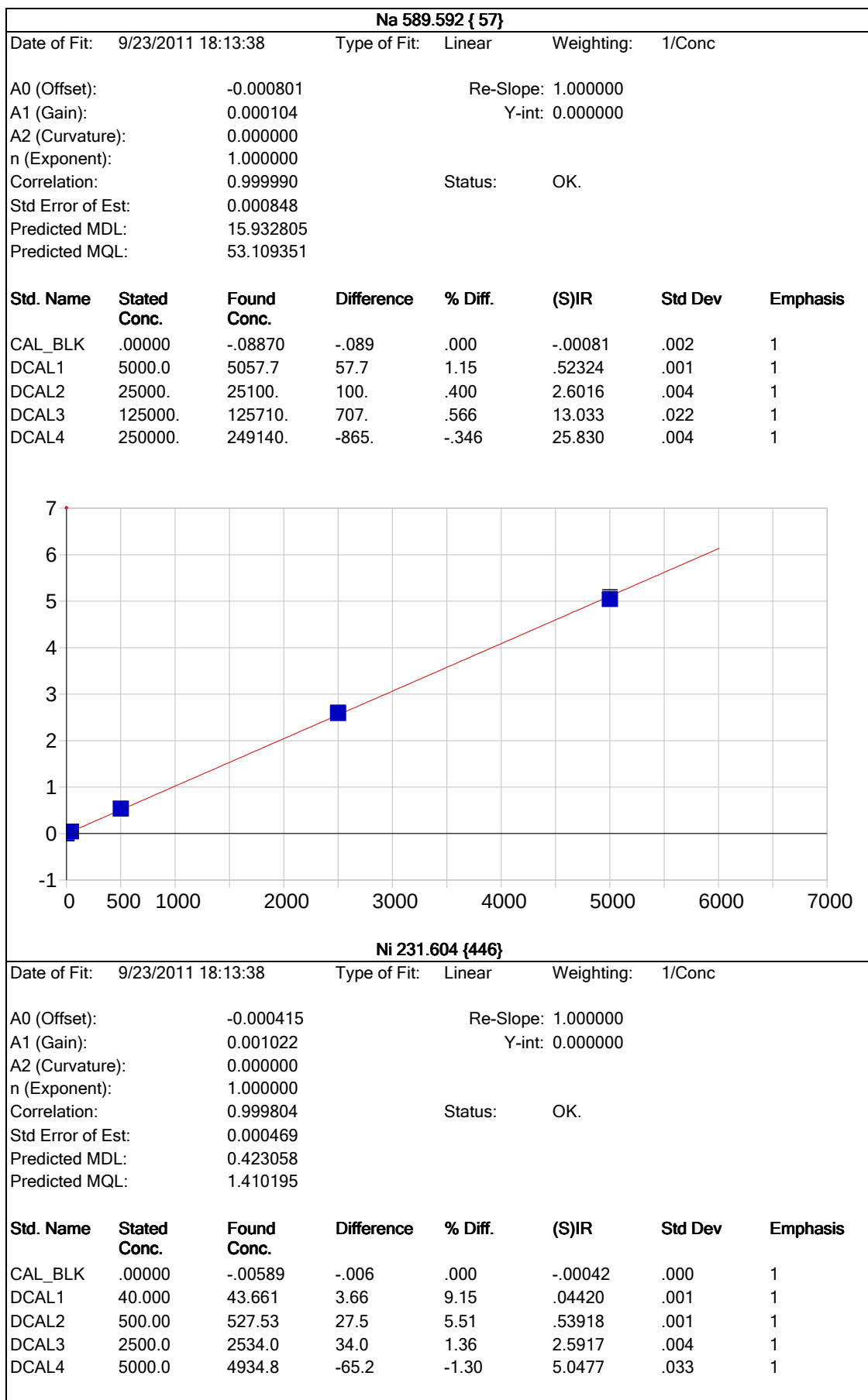
Mn 257.610 {131}

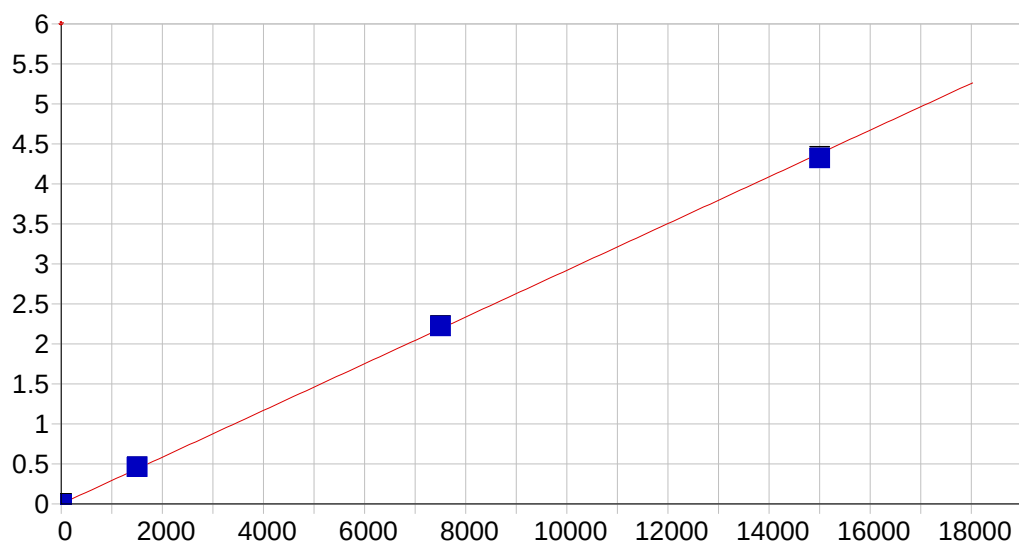
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.001689 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000622
 Predicted MDL: 0.075122
 Predicted MQL: 0.250408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00154	-.002	.000	.00016	.000	1
DCAL1	15.000	15.800	.800	5.33	.02688	.000	1
DCAL2	1000.0	1045.1	45.1	4.51	1.7652	.004	1
DCAL3	5000.0	5088.3	88.3	1.77	8.5934	.010	1
DCAL4	10000.	9865.8	-134.	-1.34	16.662	.138	1





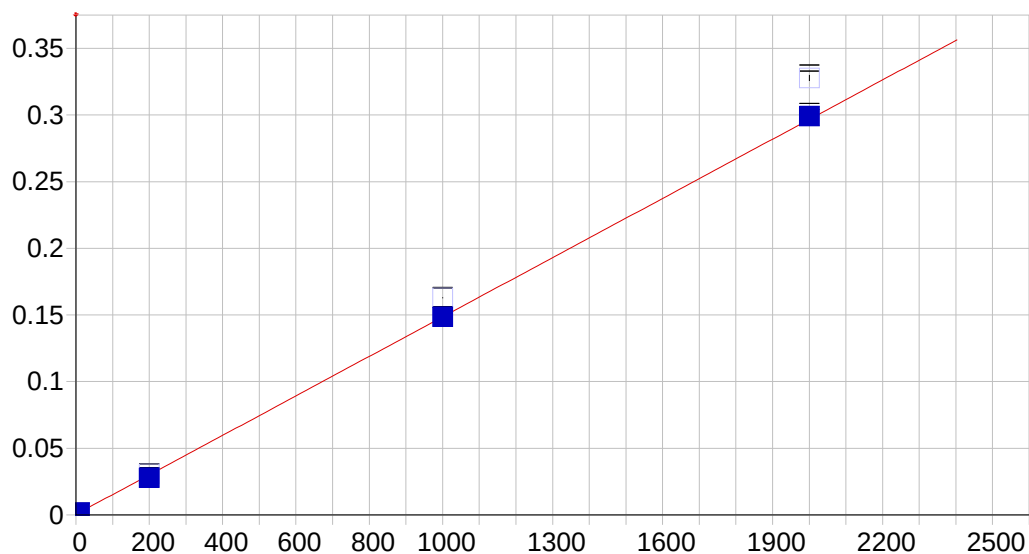


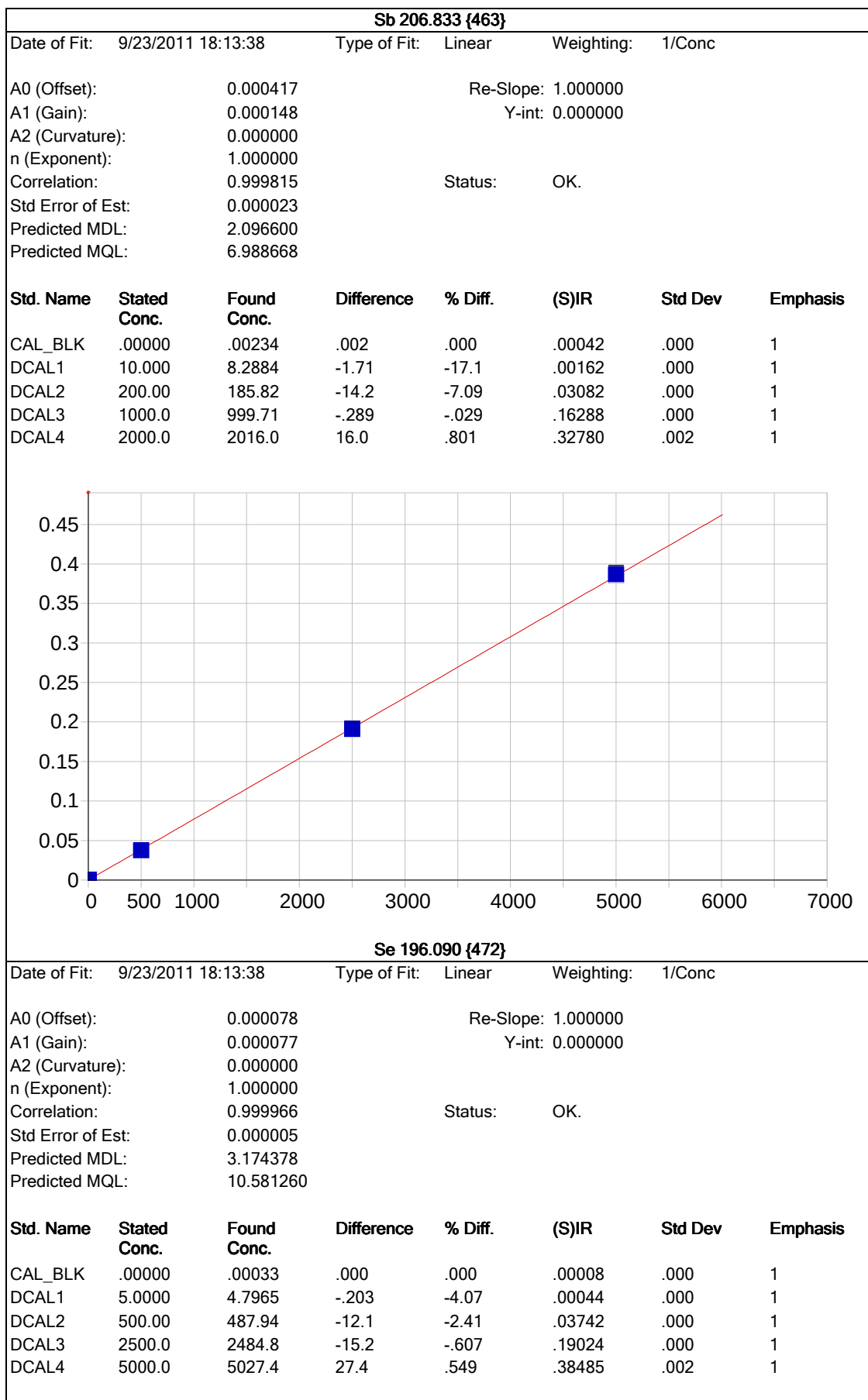
Pb 220.353 {453}

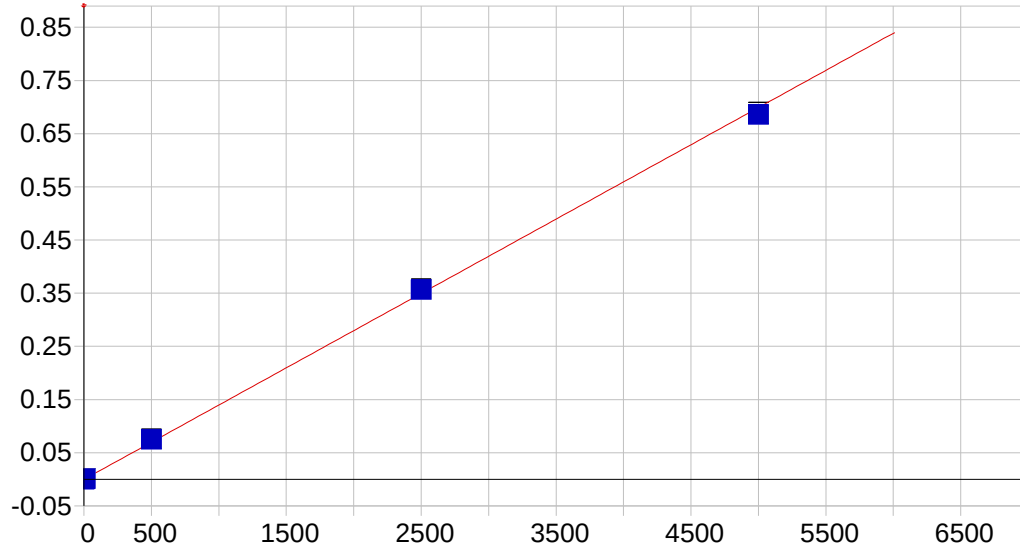
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.000292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 1.441679
 Predicted MQL: 4.805596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00084	-.001	.000	.00010	.000	1
DCAL1	5.0000	5.5488	.549	11.0	.00172	.000	1
DCAL2	1500.0	1584.1	84.1	5.61	.46240	.000	1
DCAL3	7500.0	7610.7	111.	1.48	2.2211	.005	1
DCAL4	15000.	14805.	-195.	-1.30	4.3204	.020	1





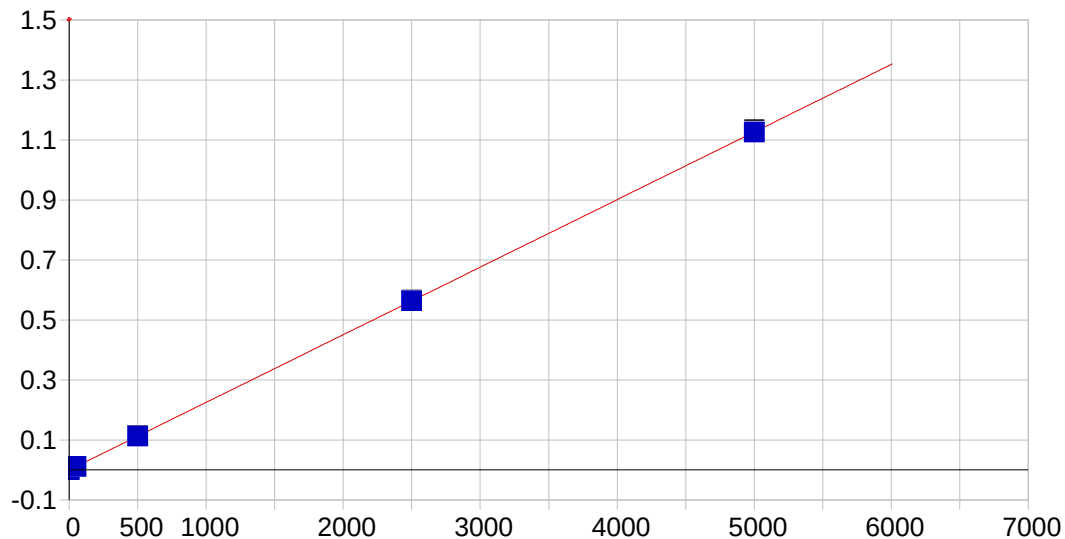


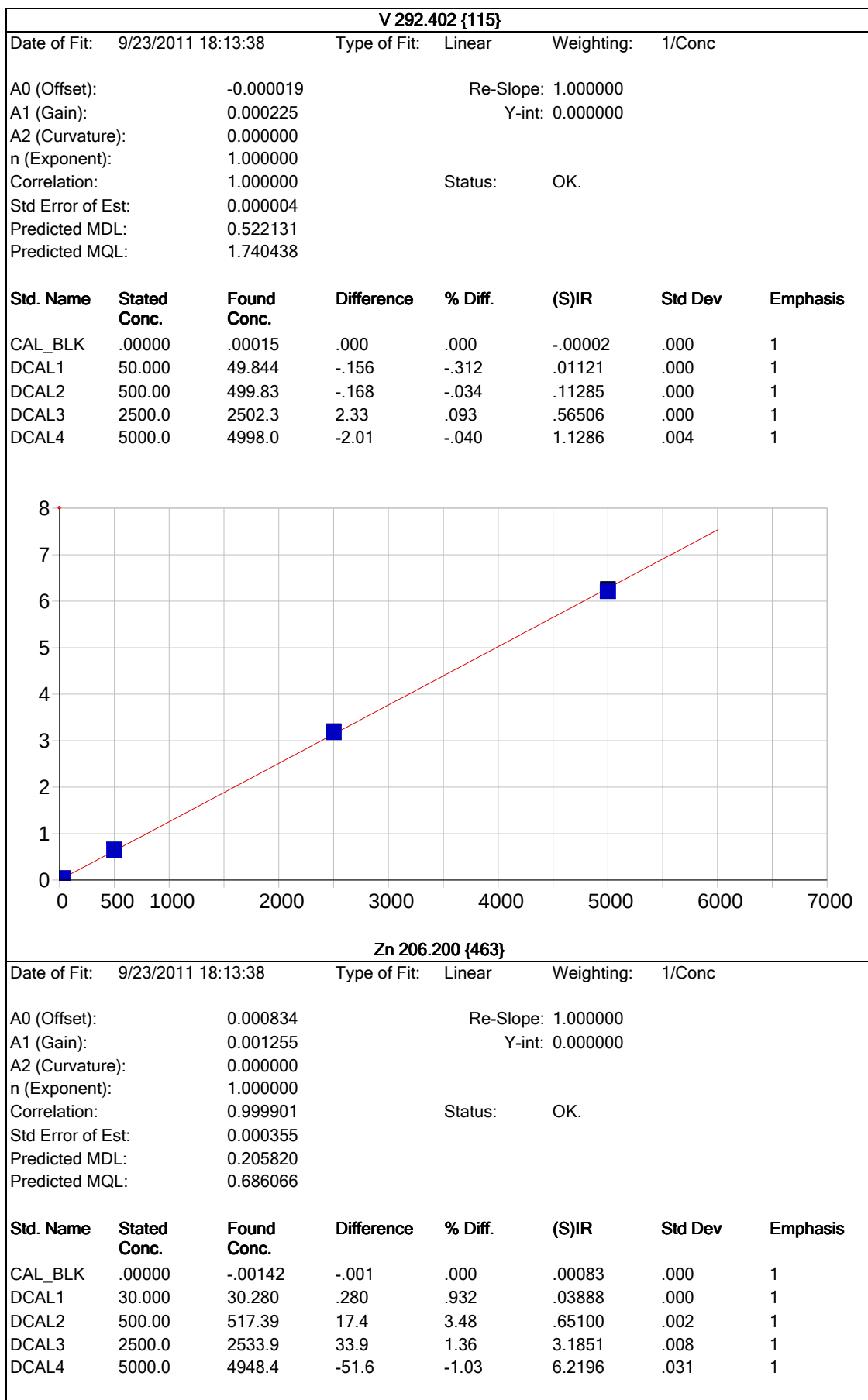
TI 190.856 {477}

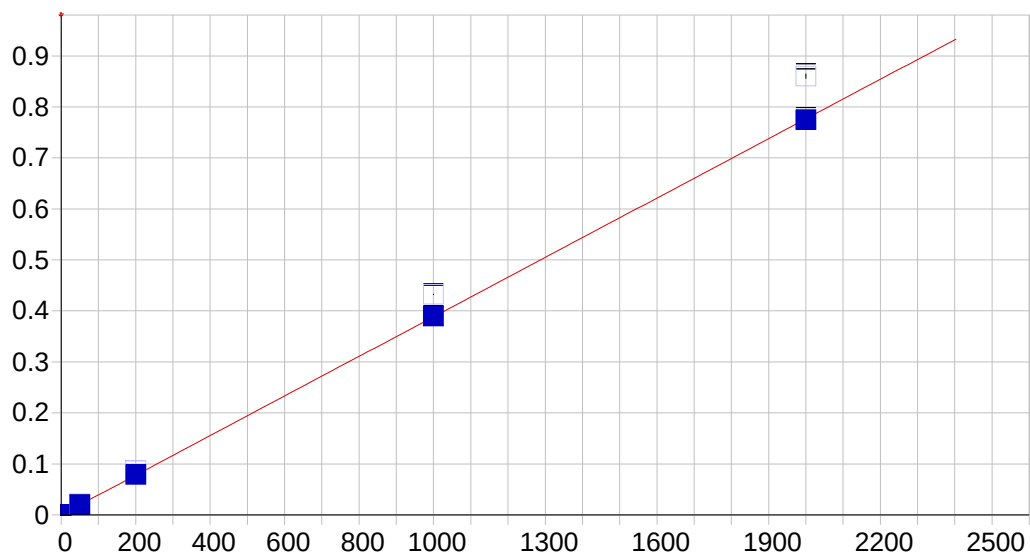
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.000140 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999631 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 1.861567
 Predicted MQL: 6.205223

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00171	-.002	.000	-.00019	.000	1
DCAL1	10.000	10.916	.916	9.16	.00135	.000	1
DCAL2	500.00	538.49	38.5	7.70	.07515	.000	1
DCAL3	2500.0	2553.6	53.6	2.14	.35710	.001	1
DCAL4	5000.0	4907.0	-93.0	-1.86	.68641	.004	1





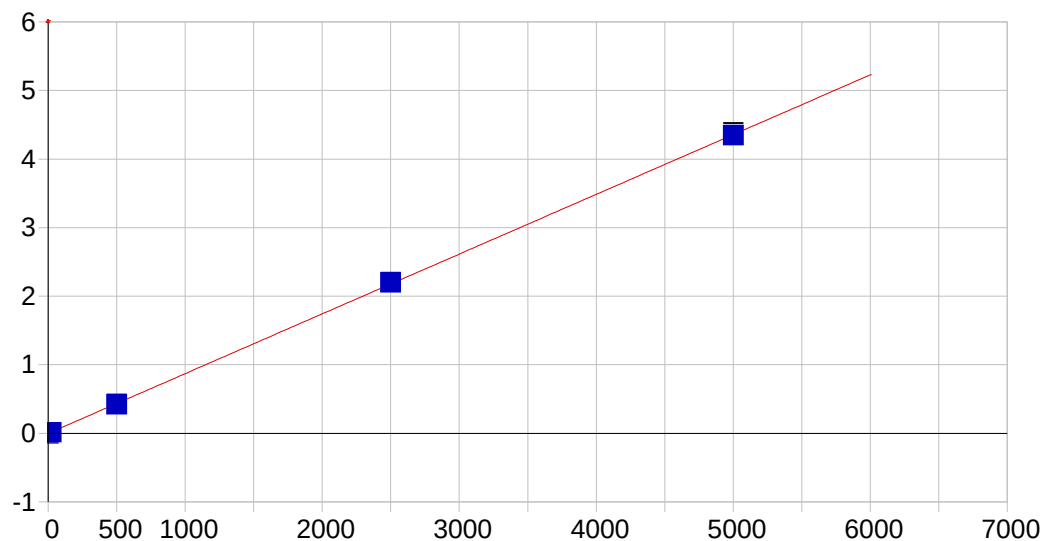


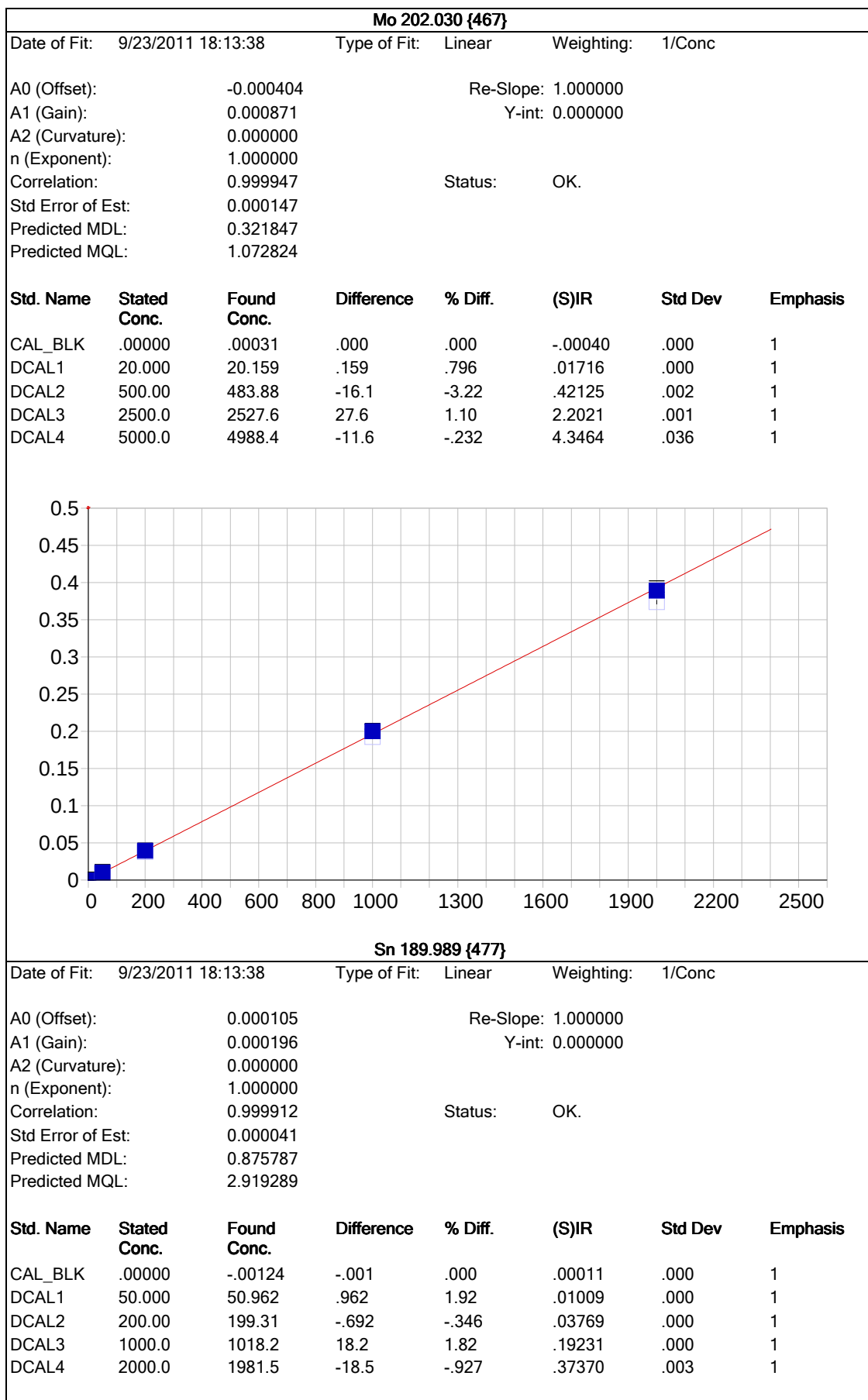
B 208.959 {461}

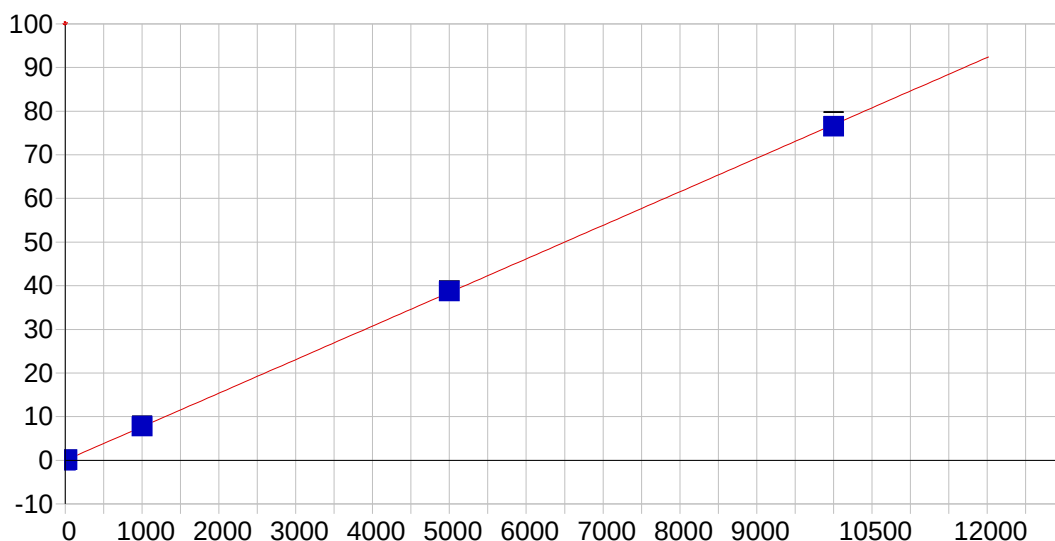
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000402 Re-Slope: 1.000000
 A1 (Gain): 0.000388 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.739799
 Predicted MQL: 2.465995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00084	-.001	.000	.00040	.000	1
DCAL1	50.000	50.278	.278	.555	.02026	.000	1
DCAL2	200.00	202.28	2.28	1.14	.08746	.000	1
DCAL3	1000.0	1002.3	2.30	.230	.43215	.001	1
DCAL4	2000.0	1995.2	-4.84	-.242	.86024	.005	1





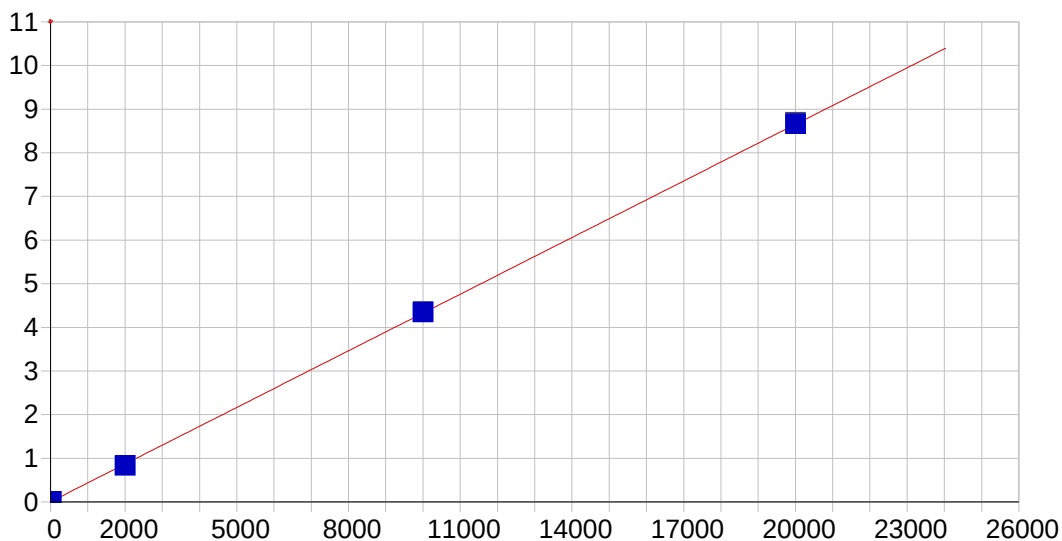


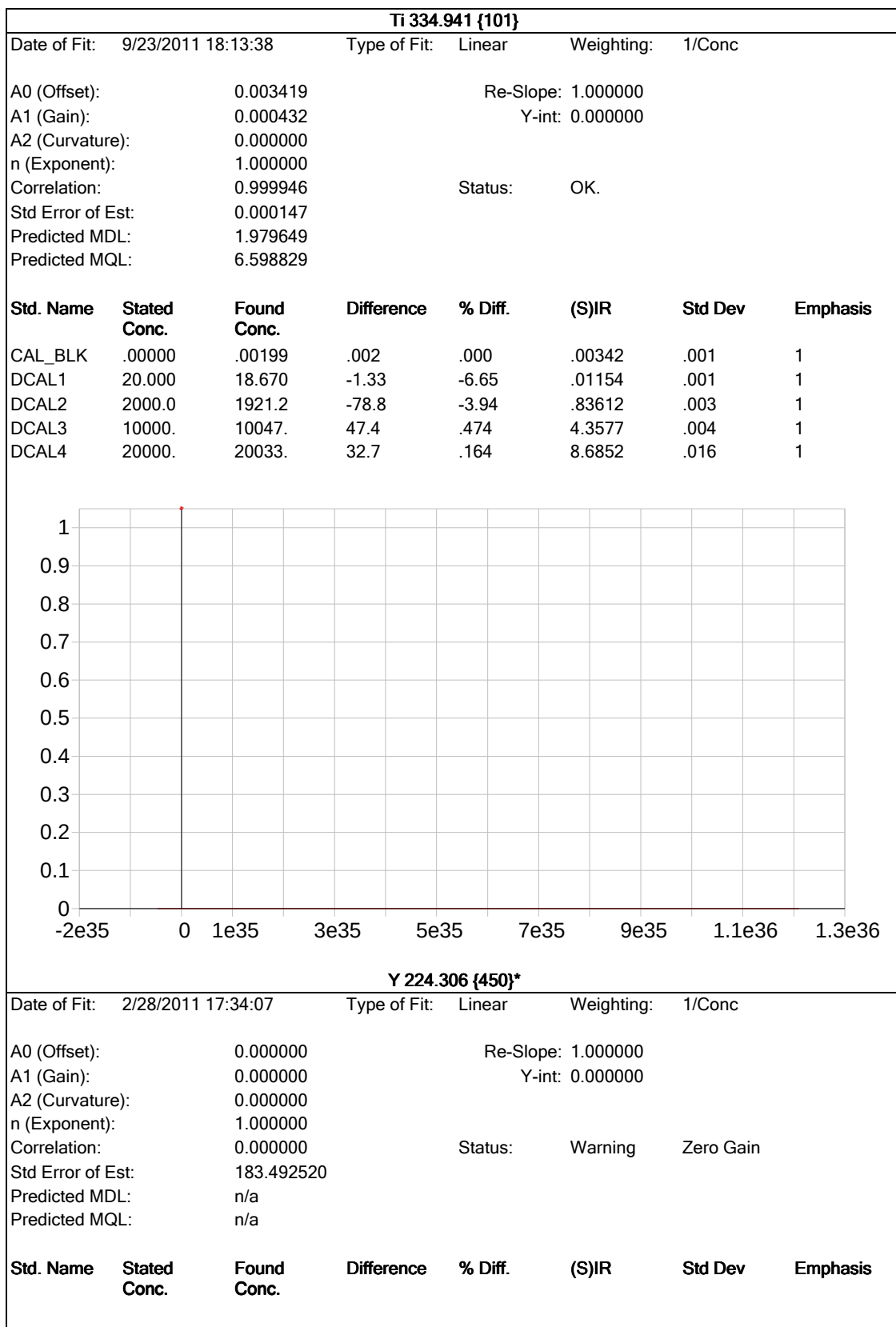
Sr 407.771 { 83}

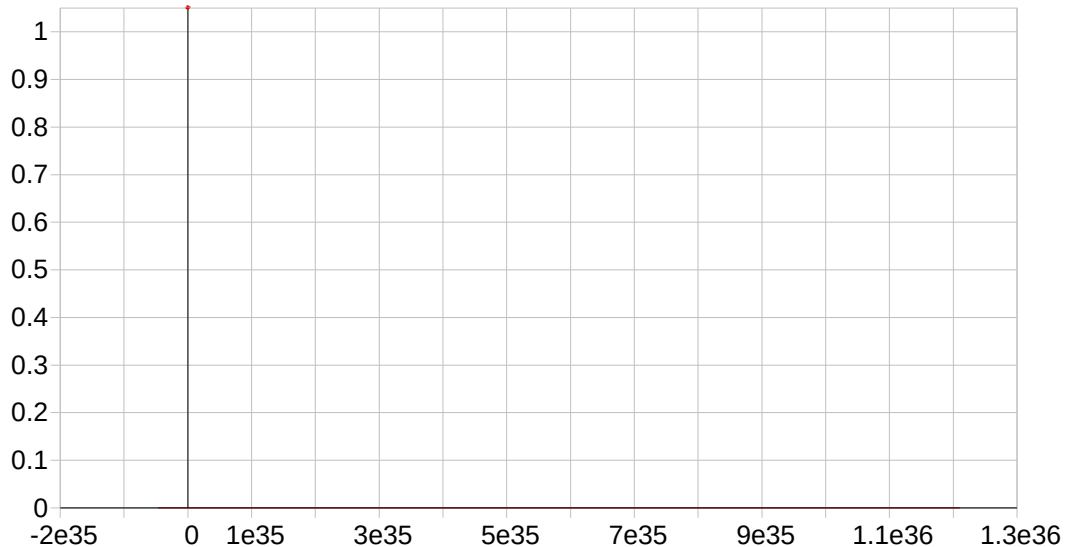
Date of Fit: 9/23/2011 18:13:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001688 Re-Slope: 1.000000
 A1 (Gain): 0.007692 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.001248
 Predicted MDL: 0.123750
 Predicted MQL: 0.412500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00060	-.001	.000	-.00169	.001	1
DCAL1	20.000	20.275	.275	1.37	.15480	.001	1
DCAL2	1000.0	1013.8	13.8	1.38	7.7990	.017	1
DCAL3	5000.0	5039.4	39.4	.788	38.774	.164	1
DCAL4	10000.	9946.5	-53.5	-.535	76.533	1.02	1





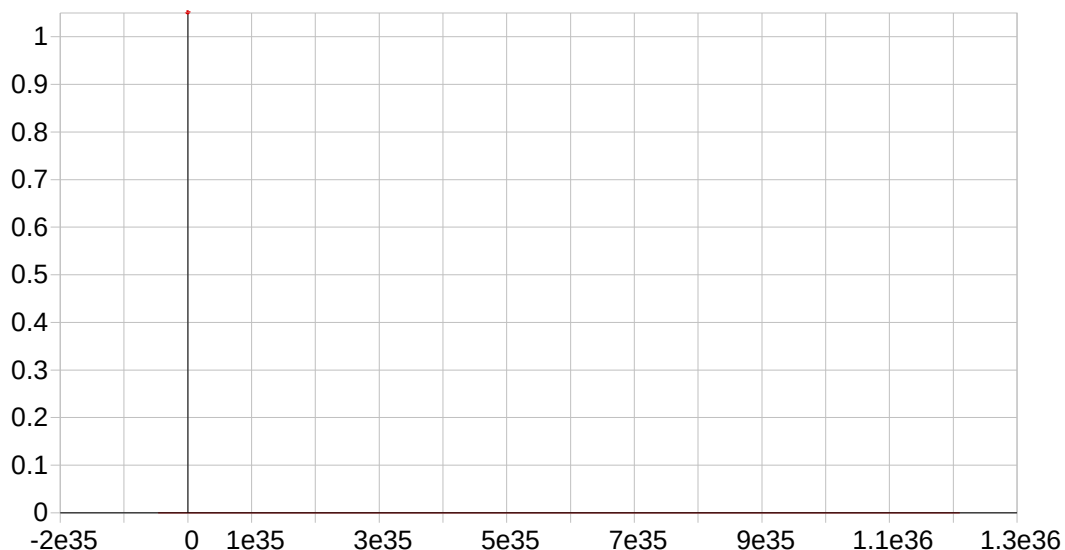


Y 360.073 { 94}*

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: 12/31/2010 16:51:17 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

Sample Name: CAL_BLK Acquired: 9/23/2011 17:55:08 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	.0000	.0000	.0004	-.0004	-.0063
Stddev	.0011	.0001	.000	.0001	.0003	.0005
%RSD	431.9	147.8	314.9	28.83	75.90	7.508

#1	-.0006	.0001	.0000	.0004	-.0001	-.0066
#2	.0015	.0001	-.0001	.0003	-.0006	-.0058
#3	-.0002	.0000	.0001	.0006	-.0005	-.0066

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	-.0003	-.0005	.0002	.0011	.0000	-.0159
Stddev	.0002	.0002	.0001	.0003	.0000	.0012
%RSD	51.85	43.32	62.19	25.03	98.49	7.372

#1	-.0004	-.0003	.0001	.0008	.0000	-.0145
#2	-.0004	-.0006	.0001	.0011	.0000	-.0167
#3	-.0001	-.0008	.0003	.0014	.0000	-.0165

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0002	-.0008	-.0004	.0001	.0004
Stddev	.0001	.0001	.0018	.0003	.0000	.0002
%RSD	186.6	45.73	223.2	69.82	22.32	56.96

#1	.0000	.0002	-.0019	-.0008	.0001	.0001
#2	.0001	.0001	.0013	-.0003	.0001	.0005
#3	.0000	.0002	-.0018	-.0002	.0001	.0006

Sample Name: CAL_BLK Acquired: 9/23/2011 17:55:08 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0002	.0000	.0008	.0004	-.0004
Stddev	.0001	.0003	.000	.0002	.0001	.0003
%RSD	69.87	179.7	780.9	23.45	30.57	63.06

#1	.0000	.0002	.0000	.0010	.0004	-.0006
#2	.0001	-.0003	-.0002	.0008	.0005	-.0001
#3	.0000	-.0004	.0001	.0006	.0003	-.0004

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0017	.0034
Stddev	.0001	.0008	.0009
%RSD	86.08	47.86	25.55

#1	.0002	-.0026	.0033
#2	.0001	-.0015	.0026
#3	.0000	-.0010	.0043

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2515.9	38898.	5638.8
Stddev	7.1	125.	30.6
%RSD	.28288	.32073	.54240

#1	2522.7	38763.	5652.4
#2	2516.5	38925.	5660.2
#3	2508.5	39008.	5603.8

Sample Name: DCAL1 Acquired: 9/23/2011 17:58:59 Type: Cal
Method: SW84609192011(v7) 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	.0138	.0004	.0024	.6055	.0111	.2656
Stddev	.0003	.0001	.0002	.0013	.0002	.0022
%RSD	1.961	19.62	7.801	.2139	1.550	.8440

#1	.0139	.0005	.0024	.6048	.0112	.2642
#2	.0135	.0004	.0026	.6070	.0111	.2645
#3	.0140	.0004	.0022	.6047	.0109	.2682

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	.0175	.0625	.0024	.0047	.0015	.1745
Stddev	.0007	.0001	.0000	.0003	.0000	.0024
%RSD	3.892	.1955	1.075	7.196	2.570	1.398

#1	.0169	.0626	.0024	.0047	.0015	.1733
#2	.0182	.0625	.0024	.0049	.0015	.1728
#3	.0173	.0624	.0024	.0043	.0015	.1773

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.1541	.0269	.5232	.0442	.0017	.0016
Stddev	.0002	.0001	.0008	.0006	.0004	.0001
%RSD	.1580	.3331	.1549	1.298	23.99	6.576

#1	.1540	.0270	.5233	.0439	.0017	.0016
#2	.1541	.0268	.5240	.0438	.0021	.0015
#3	.1544	.0269	.5224	.0449	.0013	.0017

Sample Name: DCAL1 Acquired: 9/23/2011 17:58:59 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.0013	.0112	.0389	.0203	.0172
Stddev	.0000	.0002	.0000	.0002	.0004	.0001
%RSD	8.965	11.58	.2698	.4574	1.789	.8273

#1	.0005	.0013	.0112	.0389	.0199	.0170
#2	.0004	.0012	.0112	.0387	.0203	.0173
#3	.0005	.0015	.0112	.0390	.0206	.0171

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0101	.1548	.0115
Stddev	.0001	.0006	.0005
%RSD	1.135	.3659	4.574

#1	.0102	.1542	.0114
#2	.0101	.1549	.0111
#3	.0100	.1553	.0121

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2518.2	38829.	5709.2
Stddev	5.1	144.	23.0
%RSD	.20113	.37105	.40274

#1	2523.8	38899.	5721.0
#2	2514.0	38925.	5724.0
#3	2516.6	38664.	5682.7

Sample Name: DCAL2 Acquired: 9/23/2011 18:02:45 Type: Cal
Method: SW84609192011(v7) 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	1.603	.0385	.0624	6.058	1.215	1.358
Stddev	.002	.0003	.0002	.006	.003	.003
%RSD	.1337	.8007	.2800	.0917	.2504	.2351

#1	1.604	.0386	.0622	6.056	1.218	1.362
#2	1.600	.0387	.0626	6.064	1.216	1.356
#3	1.603	.0381	.0625	6.054	1.212	1.357

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	1.078	.6329	.2189	.3794	.1914	.3537
Stddev	.003	.0002	.0003	.0009	.0002	.0007
%RSD	.2779	.0268	.1392	.2258	.1194	.1964

#1	1.079	.6328	.2192	.3803	.1915	.3540
#2	1.080	.6331	.2186	.3790	.1911	.3529
#3	1.075	.6328	.2190	.3787	.1915	.3543

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.7508	1.765	2.602	.5392	.4624	.0308
Stddev	.0019	.004	.004	.0014	.0002	.0002
%RSD	.2551	.2468	.1654	.2594	.0498	.5872

#1	.7529	1.768	2.597	.5400	.4623	.0310
#2	.7491	1.760	2.602	.5400	.4627	.0308
#3	.7506	1.767	2.606	.5376	.4622	.0306

Sample Name: DCAL2 Acquired: 9/23/2011 18:02:45 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.0374	.0752	.1129	.6510	.0875	.4212
Stddev	.0001	.0003	.0004	.0016	.0000	.0018
%RSD	.3540	.4391	.3645	.2389	.0103	.4217

#1	.0374	.0754	.1132	.6512	.0875	.4226
#2	.0376	.0752	.1124	.6524	.0875	.4219
#3	.0373	.0748	.1129	.6493	.0874	.4192

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0377	7.799	.8361
Stddev	.0002	.017	.0031
%RSD	.4385	.2137	.3703

#1	.0379	7.815	.8358
#2	.0376	7.800	.8394
#3	.0376	7.782	.8332

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2445.7	37672.	5620.4
Stddev	5.8	40.	24.1
%RSD	.23653	.10588	.42859

#1	2451.5	37646.	5628.4
#2	2445.7	37718.	5639.5
#3	2439.9	37652.	5593.3

Sample Name: DCAL3 Acquired: 9/23/2011 18:06:19 Type: Cal
Method: SW84609192011(v7) 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	7.978	.1982	.3172	29.58	6.001	6.606
Stddev	.022	.0001	.0006	.05	.016	.022
%RSD	.2787	.0728	.1784	.1724	.2625	.3385

#1	7.984	.1981	.3166	29.54	6.013	6.619
#2	7.953	.1982	.3178	29.57	5.983	6.580
#3	7.996	.1984	.3172	29.64	6.007	6.618

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	5.280	3.057	1.084	1.873	.9460	1.860
Stddev	.010	.004	.001	.005	.0010	.006
%RSD	.1875	.1412	.0679	.2525	.1013	.3513

#1	5.272	3.053	1.083	1.875	.9450	1.866
#2	5.277	3.057	1.084	1.868	.9469	1.853
#3	5.292	3.062	1.085	1.877	.9462	1.863

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	3.775	8.593	13.03	2.592	2.221	.1629
Stddev	.003	.010	.02	.004	.004	.0004
%RSD	.0664	.1170	.1685	.1612	.2028	.2576

#1	3.772	8.597	13.05	2.587	2.216	.1625
#2	3.774	8.582	13.01	2.592	2.223	.1633
#3	3.777	8.601	13.04	2.595	2.225	.1628

Sample Name: DCAL3 Acquired: 9/23/2011 18:06:19 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.1902	.3571	.5651	3.185	.4322	2.202
Stddev	.0001	.0006	.0004	.008	.0013	.001
%RSD	.0360	.1751	.0789	.2504	.2924	.0457

#1	.1902	.3572	.5648	3.178	.4307	2.202
#2	.1903	.3577	.5648	3.184	.4327	2.201
#3	.1903	.3564	.5656	3.193	.4331	2.203

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.1923	38.77	4.358
Stddev	.0005	.16	.004
%RSD	.2526	.4229	.0919

#1	.1919	38.87	4.362
#2	.1921	38.58	4.354
#3	.1929	38.86	4.358

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2294.2	35604.	5519.1
Stddev	6.5	104.	14.8
%RSD	.28244	.29323	.26761

#1	2300.5	35503.	5516.5
#2	2294.7	35712.	5534.9
#3	2287.5	35597.	5505.7

Sample Name: DCAL4 Acquired: 9/23/2011 18:09:48 Type: Cal
Method: SW84609192011(v7) 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	16.08	.4007	.6507	57.73	11.91	12.70
Stddev	.03	.0024	.0013	.34	.03	.02
%RSD	.1706	.6080	.1976	.5904	.2563	.1568

#1	16.08	.4023	.6518	57.97	11.93	12.72
#2	16.11	.4019	.6511	57.88	11.93	12.69
#3	16.06	.3979	.6493	57.34	11.88	12.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	10.38	5.985	2.133	3.720	1.860	3.767
Stddev	.06	.038	.008	.010	.006	.003
%RSD	.5634	.6394	.3871	.2645	.3268	.0808

#1	10.41	6.007	2.140	3.723	1.863	3.767
#2	10.41	6.008	2.136	3.729	1.864	3.769
#3	10.31	5.941	2.124	3.709	1.853	3.763

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	7.408	16.66	25.83	5.048	4.320	.3278
Stddev	.004	.14	.00	.033	.020	.0023
%RSD	.0548	.8254	.0157	.6517	.4556	.6971

#1	7.404	16.74	25.83	5.068	4.331	.3302
#2	7.412	16.74	25.83	5.065	4.332	.3276
#3	7.408	16.50	25.83	5.010	4.298	.3256

Sample Name: DCAL4 Acquired: 9/23/2011 18:09:48 Type: Cal
Method: SW84609192011(v7) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.3849	.6864	1.129	6.220	.8602	4.346
Stddev	.0016	.0040	.004	.031	.0050	.036
%RSD	.4212	.5870	.3574	.5052	.5759	.8370

#1	.3857	.6889	1.130	6.239	.8631	4.372
#2	.3859	.6886	1.132	6.236	.8631	4.362
#3	.3830	.6818	1.124	6.183	.8545	4.305

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.3737	76.53	8.685
Stddev	.0029	1.02	.016
%RSD	.7843	1.327	.1819

#1	.3755	77.69	8.689
#2	.3753	76.11	8.699
#3	.3703	75.79	8.668

Int. Std.	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	33851.	5434.8
Stddev	5.4	145.	17.3
%RSD	.24788	.42856	.31804

#1	2170.8	33690.	5416.7
#2	2178.3	33892.	5451.2
#3	2181.3	33972.	5436.4

Sample Name: ICV Acquired: 9/23/2011 18:13:44 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125300.	2513.	1240.	10190.	996.3	127400.
Stddev	186.	5.	3.	12.	1.6	190.
%RSD	.1482	.1828	.2241	.1173	.1562	.1491

#1	125500.	2516.	1241.	10200.	997.3	127600.
#2	125200.	2514.	1236.	10190.	994.5	127200.
#3	125100.	2507.	1241.	10180.	997.1	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	1279.	2527.	5072.	12530.	101000.	49920.
Stddev	2.	5.	2.	14.	60.	40.
%RSD	.1305	.2017	.0356	.1104	.0593	.0811

#1	1280.	2529.	5073.	12550.	101000.	49950.
#2	1279.	2530.	5070.	12520.	100900.	49870.
#3	1277.	2521.	5074.	12530.	101000.	49920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/23/2011 18:13:44 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	5136.	123600.	2564.	7648.	1028.
Stddev	199.	4.	200.	5.	17.	3.
%RSD	.1569	.0798	.1621	.2049	.2244	.3179

#1	126500.	5133.	123800.	2568.	7659.	1031.
#2	126400.	5134.	123600.	2567.	7657.	1026.
#3	126700.	5140.	123400.	2558.	7628.	1025.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2465.	2586.	2497.	2529.	1014.	2551.
Stddev	4.	10.	1.	4.	2.	7.
%RSD	.1544	.3785	.0529	.1584	.2325	.2615

#1	2465.	2596.	2496.	2532.	1015.	2556.
#2	2469.	2583.	2496.	2530.	1016.	2554.
#3	2461.	2577.	2498.	2524.	1011.	2543.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/23/2011 18:13:44 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1016.	5050.	10020.
Stddev	5.	10.	7.
%RSD	.5242	.1972	.0748

#1	1020.	5055.	10030.
#2	1018.	5038.	10010.
#3	1010.	5056.	10010.

Check ?	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	2309.9	35807.	5547.3
Stddev	4.0	131.	28.4
%RSD	.17429	.36674	.51161

#1	2313.1	35900.	5578.4
#2	2305.4	35864.	5540.5
#3	2311.1	35657.	5522.9

Sample Name: CCB Acquired: 9/23/2011 18:17:13 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.96	.1562	-.1463	.2045	.1117	2.658
Stddev	8.18	.9530	.5627	.1291	.0724	9.025
%RSD	63.11	610.2	384.5	63.15	64.79	339.6
#1	9.084	-.6556	-.7923	.2519	.1475	-3.450
#2	7.438	1.205	.1155	.0584	.1593	13.02
#3	22.36	-.0812	.2378	.3033	.0284	-1.601

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0356	.1014	-.1391	.5230	15.14	147.7
Stddev	.0167	.3274	.2112	4.485	8.30	26.8
%RSD	46.95	322.8	151.9	857.7	54.80	18.12
#1	.0548	.4679	.0927	5.185	20.81	155.3
#2	.0275	-.1622	-.3207	-3.763	18.99	169.9
#3	.0245	-.0014	-.1892	.1470	5.617	118.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 18:17:13 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.414	.1021	29.73	-.1483	1.695	5.249
Stddev	2.037	.0944	6.60	.1522	.846	.611
%RSD	37.62	92.49	22.21	102.6	49.89	11.64

#1	7.572	.2108	36.18	-.3087	1.025	5.021
#2	3.525	.0403	30.02	-.1304	2.646	5.940
#3	5.146	.0552	22.98	-.0059	1.416	4.784

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {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	-.1663	.2860	.1931	4.265	4.781
Stddev	.676	1.258	.3332	.0793	1.373	.385
%RSD	54.10	756.7	116.5	41.05	32.20	8.044

#1	1.417	-1.127	-.0640	.2367	5.848	4.703
#2	1.825	1.258	.5993	.2411	3.543	5.198
#3	.5052	-.6295	.3227	.1016	3.403	4.441

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 18:17:13 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5577	.1815	1.101
Stddev	.0792	.0999	1.176
%RSD	14.19	55.07	106.8

#1	.5870	.2500	-.2526
#2	.4680	.2277	1.686
#3	.6180	.0668	1.870

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2492.2	38921.	5589.9
Stddev	5.8	42.	33.5
%RSD	.23356	.10848	.59935

#1	2487.2	38884.	5561.9
#2	2490.8	38913.	5580.8
#3	2498.6	38967.	5627.0

Sample Name: ICSA 1165859 Acquired: 9/23/2011 18:21:06 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499200.	.2817	-.1821	1.850	.0221	453200.
Stddev	1181.	1.861	.3473	.088	.1322	1951.
%RSD	.2366	660.5	190.7	4.784	597.0	.4305

#1	497900.	2.424	-.4907	1.750	.0338	451000.
#2	500200.	-.6434	-.2497	1.918	.1481	454200.
#3	499600.	-.9351	.1940	1.884	-.1155	454600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8591	-.5602	.0137	-4.467	195700.	10.33
Stddev	.1664	.0886	.2788	1.993	131.	47.03
%RSD	19.37	15.81	2035.	44.61	.0668	455.4

#1	-.7097	-.5581	-.0919	-2.303	195600.	14.28
#2	-1.038	-.4727	.3298	-6.227	195800.	-38.56
#3	-.8293	-.6498	-.1969	-4.870	195600.	55.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1165859 Acquired: 9/23/2011 18:21:06 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	506400.	-2.524	-107.8	-.4329	2.877	.1021
Stddev	4577.	.023	11.1	.1295	.356	4.295
%RSD	.9038	.9127	10.32	29.92	12.39	4209.
#1	501200.	-2.512	-112.2	-.2834	2.472	-4.362
#2	508200.	-2.510	-116.0	-.5084	3.015	.4640
#3	509800.	-2.551	-95.14	-.5071	3.144	4.205

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.364	-2.949	-1.879	-.2254	7.538	-2.524
Stddev	3.928	2.035	.263	.2622	.435	.698
%RSD	116.8	69.00	14.01	116.3	5.764	27.65
#1	.7541	-4.885	-2.182	-.4341	7.043	-2.194
#2	-7.070	-.8284	-1.749	.0688	7.858	-2.053
#3	-3.775	-3.133	-1.707	-.3110	7.714	-3.326

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 9/23/2011 18:21:06 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.075	-4.029	-15.17
Stddev	.314	.121	2.79
%RSD	29.24	3.008	18.38

#1	.9108	-3.913	-11.96
#2	.8772	-4.020	-16.66
#3	1.438	-4.155	-16.91

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2229.7	33656.	5433.5
Stddev	4.5	139.	25.0
%RSD	.20161	.41405	.46091

#1	2230.3	33812.	5461.8
#2	2233.8	33611.	5414.3
#3	2224.9	33545.	5424.4

Sample Name: ICSAB 1165868 Acquired: 9/23/2011 18:24:57 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	518700.	99.85	106.9	105.8	102.3	466600.
Stddev	758.	3.22	.8	.2	.3	839.
%RSD	.1461	3.221	.7391	.2191	.3110	.1799

#1	519500.	96.86	106.7	106.1	102.7	467600.
#2	518000.	103.3	107.8	105.7	102.1	466000.
#3	518700.	99.43	106.2	105.7	102.3	466200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	99.29	99.42	104.0	99.16	202300.	10930.
Stddev	.36	.75	.2	1.13	337.	46.
%RSD	.3671	.7550	.1609	1.137	.1668	.4168

#1	99.32	99.94	104.0	100.4	202200.	10920.
#2	99.64	99.76	104.2	98.34	202600.	10890.
#3	98.91	98.56	103.9	98.70	201900.	10980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/23/2011 18:24:57 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	525300.	101.9	10690.	97.82	101.4	98.39
Stddev	3221.	.6	55.	.52	1.4	1.61
%RSD	.6132	.5826	.5117	.5268	1.399	1.634

#1	527700.	102.4	10680.	97.45	102.4	100.2
#2	526500.	102.0	10650.	98.41	101.9	97.31
#3	521600.	101.2	10750.	97.60	99.74	97.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	93.90	94.65	99.92	107.5	103.8	98.32
Stddev	2.35	.09	.35	.4	.2	.19
%RSD	2.503	.0932	.3466	.3363	.1726	.1903

#1	96.40	94.58	100.1	107.4	103.7	98.17
#2	91.73	94.62	99.52	107.9	103.7	98.53
#3	93.55	94.75	100.1	107.2	104.0	98.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/23/2011 18:24:57 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	93.35	114.6	87.10
Stddev	1.30	.2	1.27
%RSD	1.394	.1461	1.461

#1	94.74	114.8	87.58
#2	93.16	114.6	85.66
#3	92.16	114.5	88.07

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2217.4	33537.	5407.0
Stddev	4.4	77.	14.0
%RSD	.19844	.22836	.25840

#1	2222.4	33561.	5399.4
#2	2214.1	33451.	5423.2
#3	2215.9	33598.	5398.6

Sample Name: INT-10 1165870 Acquired: 9/23/2011 18:28:42 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.59	-1.183	-3.441	-1.355	-3.655	122.9
Stddev	15.99	1.538	.538	.052	.0585	10.2
%RSD	20.87	1299.	15.62	3.866	16.00	8.322
#1	72.89	-.3546	-3.705	-1.378	-.3020	133.0
#2	62.78	-1.524	-3.796	-1.392	-.3775	123.2
#3	94.10	1.524	-2.823	-1.295	-.4171	112.6
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	-.7777	10800.	10110.	-12.66	-20.12	162.3
Stddev	.0788	77.	47.	.15	7.33	58.6
%RSD	10.14	.7101	.4612	1.197	36.44	36.10
#1	-.7394	10870.	10150.	-12.56	-28.03	144.2
#2	-.7253	10820.	10110.	-12.58	-13.54	114.9
#3	-.8684	10720.	10060.	-12.83	-18.80	227.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/23/2011 18:28:42 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	154.6	10430.	36.97	10940.	-1.114	-1.853
Stddev	7.2	29.	11.85	79.	1.179	1.130
%RSD	4.647	.2813	32.06	.7190	105.8	60.99

#1	162.0	10440.	27.60	11000.	-.2831	-.6273
#2	154.0	10450.	33.01	10960.	-2.463	-2.854
#3	147.7	10390.	50.30	10850.	-.5963	-2.078

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.248	10.59	4906.	5.715	.3604	5039.
Stddev	3.270	.30	18.	.128	.4188	49.
%RSD	76.96	2.856	.3601	2.240	116.2	.9630

#1	2.935	10.34	4926.	5.842	.7992	5079.
#2	7.970	10.93	4901.	5.717	-.0350	5053.
#3	1.840	10.52	4892.	5.586	.3171	4985.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/23/2011 18:28:42 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	10230.	10100.	9906.
Stddev	79.	104.	15.
%RSD	.7758	1.024	.1506

#1	10300.	10110.	9918.
#2	10250.	10200.	9911.
#3	10150.	9996.	9889.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2462.8	39178.	5643.4
Stddev	3.9	62.	7.8
%RSD	.15760	.15710	.13805

#1	2458.6	39106.	5640.1
#2	2463.6	39211.	5637.9
#3	2466.2	39215.	5652.3

Sample Name: 460-31372-b-9-r du@4 Acquired: 9/23/2011 18:32:40 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45170.	45.97	-1.226	103.1	3.090	7987.
Stddev	133.	1.07	.327	.3	.101	49.
%RSD	.2953	2.319	26.69	.3168	3.269	.6122
#1	45040.	46.91	-1.512	103.3	3.154	7947.
#2	45170.	44.81	-1.296	103.4	3.141	7972.
#3	45310.	46.19	-.8690	102.8	2.973	8042.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6904	31.02	115.5	31.23	142200.	10380.
Stddev	.0880	.13	.2	4.68	106.	54.
%RSD	12.74	.4092	.1644	15.00	.0746	.5186
#1	-.6420	31.10	115.4	31.44	142300.	10340.
#2	-.6373	30.88	115.7	26.45	142200.	10440.
#3	-.7920	31.10	115.4	35.81	142100.	10360.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-r du@4 Acquired: 9/23/2011 18:32:40 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23340.	1227.	3432.	78.45	34.38	-4.419
Stddev	12.	2.	10.	.82	1.09	.882
%RSD	.0515	.1911	.2988	1.051	3.157	19.96
#1	23340.	1228.	3428.	78.54	34.67	-4.210
#2	23350.	1228.	3424.	79.22	35.30	-3.661
#3	23330.	1224.	3443.	77.58	33.18	-5.387

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.667	.5694	137.0	245.3	50.71	9.622
Stddev	2.277	2.229	.1	.2	.39	.528
%RSD	136.6	391.5	.0394	.0961	.7759	5.489
#1	.9036	3.075	136.9	245.0	50.79	9.971
#2	-2.475	-1.196	137.0	245.5	51.05	9.881
#3	-3.431	-.1707	137.0	245.3	50.28	9.015

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-r du@4 Acquired: 9/23/2011 18:32:40 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.253	50.43	1114.
Stddev	.683	.26	6.
%RSD	10.93	.5117	.5427

#1	6.648	50.21	1108.
#2	5.464	50.37	1115.
#3	6.647	50.71	1120.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2586.6	40005.	5917.6
Stddev	1.7	202.	32.1
%RSD	.06455	.50583	.54229

#1	2585.2	39870.	5898.4
#2	2588.4	39907.	5954.7
#3	2586.1	40238.	5899.8

Sample Name: 460-31372-b-9-q@4 Acquired: 9/23/2011 18:36:22 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42490.	40.29	-1.093	97.31	2.864	7931.
Stddev	65.	1.80	.833	.38	.120	50.
%RSD	.1538	4.463	76.20	.3879	4.200	.6356

#1	42420.	42.34	-.8660	96.88	2.796	7875.
#2	42500.	39.58	-.3973	97.60	2.792	7974.
#3	42550.	38.96	-2.016	97.45	3.002	7944.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6801	30.21	109.8	30.72	138500.	9625.
Stddev	.0905	.09	.4	3.91	112.	71.
%RSD	13.30	.3097	.3635	12.73	.0806	.7348

#1	-.5808	30.32	110.0	34.96	138500.	9544.
#2	-.7580	30.15	110.1	29.93	138600.	9675.
#3	-.7014	30.17	109.4	27.26	138400.	9657.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-q@4 Acquired: 9/23/2011 18:36:22 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22440.	1211.	3420.	75.23	36.05	-5.010
Stddev	33.	6.	7.	.32	1.43	1.969
%RSD	.1470	.4880	.2078	.4229	3.957	39.30

#1	22400.	1205.	3423.	75.01	35.50	-4.902
#2	22460.	1216.	3412.	75.09	34.99	-3.097
#3	22450.	1213.	3425.	75.59	37.67	-7.031

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {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	-1.140	129.1	239.7	45.22	4.106
Stddev	2.452	.843	.3	.6	.55	.087
%RSD	56.06	73.93	.1958	.2580	1.208	2.124

#1	-6.215	-1.340	129.4	239.0	44.79	4.121
#2	-5.317	-1.866	129.0	239.9	45.04	4.184
#3	-1.591	-.2155	129.0	240.2	45.84	4.012

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-q@4 Acquired: 9/23/2011 18:36:22 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.104	48.86	1130.
Stddev	.450	.18	2.
%RSD	8.815	.3780	.1395

#1	4.986	48.65	1130.
#2	4.725	49.02	1132.
#3	5.601	48.90	1129.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2591.2	40086.	5901.0
Stddev	2.0	201.	18.2
%RSD	.07589	.50179	.30780

#1	2592.3	40240.	5919.2
#2	2592.3	39859.	5882.9
#3	2588.9	40160.	5901.0

Sample Name: sd 460-31372-b-9-q@2 Acquired: 9/23/2011 18:40:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8586.	7.121	-.4844	19.38	.5353	1595.
Stddev	28.	3.077	.1182	.11	.0636	30.
%RSD	.3236	43.21	24.40	.5430	11.88	1.883

#1	8597.	10.66	-.3603	19.47	.5504	1629.
#2	8606.	5.120	-.5956	19.40	.5899	1583.
#3	8554.	5.580	-.4973	19.26	.4655	1573.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2575	6.443	20.95	3.330	27630.	2053.
Stddev	.0394	.173	.16	4.060	65.	18.
%RSD	15.30	2.681	.7410	121.9	.2367	.8524

#1	-.2862	6.410	21.11	7.891	27680.	2041.
#2	-.2126	6.289	20.94	1.983	27650.	2045.
#3	-.2737	6.630	20.80	.1145	27560.	2073.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31372-b-9-q@2 Acquired: 9/23/2011 18:40:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4555.	243.3	664.0	15.68	7.659	-1.034
Stddev	13.	.3	2.4	.37	.103	1.906
%RSD	.2749	.1061	.3604	2.371	1.341	184.3

#1	4566.	243.4	666.1	16.06	7.582	-.0016
#2	4557.	243.4	661.4	15.66	7.776	-3.234
#3	4541.	243.0	664.5	15.31	7.620	.1332

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5731	-.6466	26.45	47.98	10.01	.7430
Stddev	3.086	.4108	.45	.26	.35	.3080
%RSD	538.4	63.54	1.692	.5365	3.537	41.45

#1	-3.276	-.9074	26.97	47.83	9.654	.4049
#2	2.789	-.8593	26.18	48.27	10.36	1.008
#3	-1.232	-.1730	26.20	47.82	10.03	.8166

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31372-b-9-q@2 Acquired: 9/23/2011 18:40:02 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.509	9.869	224.6
Stddev	.634	.153	2.7
%RSD	42.06	1.547	1.219

#1	.8734	10.00	222.9
#2	1.510	9.904	223.2
#3	2.142	9.702	227.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2537.7	39526.	5686.5
Stddev	1.8	97.	31.1
%RSD	.07025	.24632	.54672

#1	2538.6	39628.	5722.3
#2	2535.6	39434.	5666.5
#3	2538.8	39517.	5670.8

Sample Name: 460-31372-b-9-s ms@4 Acquired: 9/23/2011 18:43:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51000.	905.3	20.13	1033.	25.56	17480.
Stddev	72.	1.9	.57	4.	.03	61.
%RSD	.1403	.2045	2.813	.3779	.1041	.3476

#1	51050.	904.1	19.62	1037.	25.57	17420.
#2	51030.	907.4	20.74	1034.	25.57	17500.
#3	50920.	904.5	20.02	1029.	25.53	17530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.04	259.0	214.5	145.4	140500.	20860.
Stddev	.08	.7	.5	3.0	166.	18.
%RSD	.3619	.2539	.2123	2.053	.1178	.0867

#1	22.06	259.3	214.7	145.2	140500.	20880.
#2	21.95	259.5	214.8	148.5	140600.	20860.
#3	22.10	258.3	214.0	142.5	140300.	20840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-s ms@4 Acquired: 9/23/2011 18:43:48 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32120.	1401.	12250.	308.5	265.6	101.3
Stddev	41.	3.	22.	1.0	1.3	2.0
%RSD	.1278	.2021	.1805	.3092	.4920	2.003

#1	32100.	1398.	12270.	308.7	267.1	101.9
#2	32170.	1404.	12230.	309.3	264.9	103.1
#3	32100.	1400.	12240.	307.4	264.9	99.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	842.1	934.9	368.9	465.0	274.7	219.8
Stddev	1.6	2.7	.7	.7	.1	.9
%RSD	.1933	.2857	.1782	.1434	.0390	.4078

#1	841.2	932.4	368.8	465.3	274.6	220.6
#2	844.0	937.7	369.6	465.5	274.8	219.9
#3	841.1	934.5	368.3	464.2	274.6	218.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-9-s ms@4 Acquired: 9/23/2011 18:43:48 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	221.6	276.8	1500.
Stddev	1.2	.4	3.
%RSD	.5265	.1588	.1855

#1	223.0	276.3	1502.
#2	221.1	277.0	1501.
#3	220.9	277.1	1497.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2560.7	39542.	5872.4
Stddev	3.9	59.	20.6
%RSD	.15171	.14985	.35109

#1	2557.9	39512.	5848.8
#2	2565.1	39503.	5881.5
#3	2559.1	39610.	5886.9

Sample Name: pds 460-31372-b-9-q@ Acquired: 9/23/2011 18:47:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44170.	1859.	42.75	2009.	49.33	27710.
Stddev	271.	4.	.35	3.	.09	108.
%RSD	.6125	.1973	.8281	.1300	.1861	.3902

#1	43950.	1859.	42.78	2006.	49.27	27590.
#2	44090.	1862.	43.09	2012.	49.44	27740.
#3	44480.	1855.	42.38	2008.	49.28	27800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.81	505.9	299.4	269.8	138900.	27870.
Stddev	.13	1.3	.3	1.1	250.	140.
%RSD	.2670	.2550	.1097	.4096	.1797	.5020

#1	46.67	505.8	299.6	268.5	139000.	27740.
#2	46.90	507.2	299.5	270.4	139100.	27850.
#3	46.86	504.6	299.0	270.4	138600.	28020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31372-b-9-q@ Acquired: 9/23/2011 18:47:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40950.	1702.	21880.	557.5	517.3	448.7
Stddev	79.	6.	97.	1.2	1.7	3.1
%RSD	.1923	.3740	.4456	.2152	.3306	.6857

#1	40900.	1697.	21820.	557.6	519.2	446.7
#2	41040.	1709.	21820.	558.7	515.9	452.2
#3	40900.	1700.	21990.	556.3	516.8	447.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1772.	1933.	591.5	706.2	547.3	475.6
Stddev	7.	1.	.8	.5	1.0	.5
%RSD	.3999	.0470	.1375	.0656	.1765	.1074

#1	1770.	1932.	592.0	705.9	547.3	475.6
#2	1780.	1934.	592.0	706.7	548.3	476.1
#3	1767.	1932.	590.6	705.9	546.3	475.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31372-b-9-q@ Acquired: 9/23/2011 18:47:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	475.8	513.4	1604.
Stddev	.7	1.9	4.
%RSD	.1507	.3747	.2692

#1	476.4	511.3	1600.
#2	475.8	514.0	1604.
#3	475.0	515.0	1608.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2540.9	39109.	5845.1
Stddev	7.0	127.	17.1
%RSD	.27398	.32405	.29280

#1	2548.9	39249.	5864.7
#2	2536.2	39002.	5833.0
#3	2537.5	39076.	5837.7

Sample Name: 460-31372-b-1-g@4 Acquired: 9/23/2011 18:50:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22720.	275.4	-3.684	189.6	7.685	8462.
Stddev	64.	1.9	.372	1.0	.083	26.
%RSD	.2832	.6792	10.10	.5343	1.085	.3068

#1	22690.	277.4	-4.006	190.1	7.754	8485.
#2	22800.	275.2	-3.277	190.2	7.710	8467.
#3	22690.	273.7	-3.768	188.4	7.592	8434.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5971	15.81	73.44	87.82	63560.	1258.
Stddev	.0338	.24	.59	3.01	89.	88.
%RSD	5.656	1.509	.7993	3.432	.1405	6.972

#1	.5598	15.96	73.98	84.94	63540.	1332.
#2	.6061	15.93	73.53	87.57	63660.	1161.
#3	.6255	15.54	72.82	90.96	63490.	1280.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-1-g@4 Acquired: 9/23/2011 18:50:53 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1115.	49.92	258.9	50.72	56.68	.0186
Stddev	8.	.17	9.3	.48	2.18	.8938
%RSD	.7579	.3318	3.582	.9496	3.841	4798.

#1	1123.	50.01	248.7	51.28	57.39	-.8583
#2	1116.	50.03	260.9	50.43	58.42	.9283
#3	1106.	49.73	267.0	50.46	54.24	-.0142

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.387	8.253	1368.	141.7	14.71	7.674
Stddev	.758	1.227	2.	.9	.32	.239
%RSD	31.75	14.87	.1742	.6158	2.162	3.116

#1	1.522	6.980	1370.	142.0	14.81	7.444
#2	2.937	9.428	1368.	142.4	14.36	7.921
#3	2.701	8.351	1366.	140.7	14.97	7.656

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-1-g@4 Acquired: 9/23/2011 18:50:53 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.562	415.6	2158.
Stddev	.427	1.9	8.
%RSD	5.647	.4544	.3587

#1	7.086	417.2	2156.
#2	7.911	416.2	2166.
#3	7.690	413.5	2150.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2703.4	42048.	6106.8
Stddev	4.8	87.	40.4
%RSD	.17828	.20729	.66188

#1	2702.2	41974.	6062.8
#2	2699.2	42027.	6115.1
#3	2708.7	42144.	6142.4

Sample Name: 460-31372-b-2-g@4 Acquired: 9/23/2011 18:54:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20310.	1.668	-.5734	33.15	.3877	3493.
Stddev	72.	1.597	.2842	.07	.0281	3.
%RSD	.3568	95.75	49.56	.2024	7.241	.0769

#1	20240.	2.631	-.6944	33.23	.3557	3490.
#2	20380.	-.1754	-.7771	33.11	.3990	3494.
#3	20330.	2.547	-.2487	33.12	.4084	3496.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0021	5.790	37.40	3.786	12300.	2144.
Stddev	.0404	.096	.15	.666	29.	21.
%RSD	1881.	1.661	.4006	17.58	.2396	1.002

#1	-.0296	5.901	37.26	4.264	12270.	2131.
#2	.0442	5.736	37.56	4.070	12320.	2133.
#3	-.0211	5.732	37.37	3.026	12320.	2169.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-2-g@4 Acquired: 9/23/2011 18:54:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5595.	112.9	2762.	31.12	7.392	.0438
Stddev	21.	.4	13.	.18	.543	1.173
%RSD	.3832	.3452	.4797	.5936	7.343	2679.

#1	5571.	112.5	2759.	30.92	7.029	-.7095
#2	5606.	113.1	2750.	31.29	7.130	1.396
#3	5610.	113.2	2776.	31.16	8.015	-.5550

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.099	-.7184	29.35	42.14	33.01	.9162
Stddev	1.851	1.590	.23	.12	.55	.2239
%RSD	168.4	221.3	.7941	.2759	1.663	24.44

#1	1.138	.7865	29.62	42.27	32.78	1.094
#2	-.7712	-.5603	29.21	42.12	32.61	.9899
#3	2.930	-2.381	29.22	42.04	33.64	.6647

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-2-g@4 Acquired: 9/23/2011 18:54:35 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.542	45.15	944.3
Stddev	.397	.19	5.1
%RSD	15.63	.4259	.5352

#1	2.946	45.02	939.0
#2	2.152	45.37	949.0
#3	2.528	45.06	944.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2564.8	39949.	5785.8
Stddev	6.5	53.	16.2
%RSD	.25347	.13214	.28071

#1	2568.7	39890.	5772.7
#2	2568.5	39966.	5780.5
#3	2557.3	39991.	5804.0

Sample Name: CCV Acquired: 9/23/2011 18:58:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	2484.	1224.	10080.	987.2	126300.
Stddev	377.	3.	1.	17.	3.5	411.
%RSD	.3042	.1333	.1176	.1664	.3542	.3256

#1	124400.	2484.	1225.	10070.	991.2	126700.
#2	123700.	2488.	1222.	10100.	984.6	126100.
#3	123800.	2482.	1224.	10090.	985.7	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	1265.	2499.	5009.	12420.	99770.	49590.
Stddev	2.	6.	8.	57.	166.	47.
%RSD	.1279	.2436	.1664	.4617	.1664	.0938

#1	1263.	2492.	5014.	12490.	99790.	49620.
#2	1266.	2504.	5013.	12390.	99920.	49540.
#3	1265.	2500.	4999.	12390.	99590.	49610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 18:58:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	5092.	122400.	2537.	7566.	1009.
Stddev	170.	4.	45.	3.	12.	4.
%RSD	.1361	.0723	.0367	.1378	.1553	.3819

#1	125100.	5095.	122500.	2533.	7555.	1010.
#2	125000.	5093.	122400.	2539.	7579.	1012.
#3	124700.	5088.	122400.	2539.	7565.	1004.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2445.	2559.	2466.	2502.	999.2	2521.
Stddev	12.	8.	2.	6.	2.4	5.
%RSD	.4723	.3110	.0869	.2432	.2367	.1852

#1	2435.	2550.	2467.	2495.	997.4	2518.
#2	2458.	2562.	2467.	2507.	998.3	2526.
#3	2443.	2565.	2463.	2502.	1002.	2519.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 18:58:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1001.	5006.	9871.
Stddev	.	16.	16.
%RSD	.0188	.3214	.1638

#1	1000.	5024.	9890.
#2	1001.	5000.	9863.
#3	1001.	4993.	9861.

Check ?	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	2311.4	35729.	5526.3
Stddev	9.7	47.	15.2
%RSD	.42049	.13281	.27572

#1	2322.4	35782.	5508.7
#2	2307.8	35713.	5535.9
#3	2304.0	35692.	5534.3

Sample Name: CCB Acquired: 9/23/2011 19:01:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.99	-1.090	.0334	.1869	.0348	3.666
Stddev	12.05	.567	.3153	.0760	.0662	10.13
%RSD	63.44	52.06	944.1	40.68	190.0	276.2

#1	31.04	-1.736	-.2339	.2141	-.0226	-5.147
#2	6.942	-.6728	-.0471	.1010	.1072	1.415
#3	18.99	-.8608	.3812	.2456	.0199	14.73

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1485	.2882	-.0993	1.577	13.27	145.1
Stddev	.0547	.2213	.3094	2.106	5.29	46.5
%RSD	36.85	76.78	311.6	133.6	39.90	32.02

#1	.1021	.5339	-.4441	.1093	17.88	170.2
#2	.1344	.2259	-.0080	3.990	14.43	173.5
#3	.2088	.1047	.1541	.6315	7.489	91.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 19:01:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.397	.1085	10.65	.4762	.1827	2.660
Stddev	2.437	.1164	5.65	.2285	.8216	.748
%RSD	101.7	107.3	53.04	47.99	449.7	28.11
#1	2.325	.2341	6.732	.7077	.3138	3.213
#2	-.0028	.0873	17.12	.2507	.9308	1.809
#3	4.870	.0041	8.092	.4703	-.6966	2.957

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.365	-.6821	.7402	.8053	2.382	4.128
Stddev	1.879	1.610	.2188	.1136	.886	.241
%RSD	79.47	236.0	29.55	14.11	37.18	5.828
#1	4.292	.6127	.9830	.7578	3.402	4.357
#2	2.267	-2.484	.6788	.9350	1.934	4.150
#3	.5364	-.1748	.5586	.7232	1.809	3.878

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 19:01:51 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.9625	.0447	2.635
Stddev	.3952	.1149	.807
%RSD	41.06	257.1	30.62

#1	.7404	.1158	1.711
#2	1.419	.1062	2.992
#3	.7284	-.0879	3.201

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2499.9	38947.	5571.7
Stddev	3.4	77.	29.3
%RSD	.13698	.19653	.52538

#1	2497.7	38861.	5590.6
#2	2498.2	39006.	5586.5
#3	2503.9	38974.	5538.0

Sample Name: mb 460-87058/1-a@2 Acquired: 9/23/2011 19:05:45 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.123	-2.243	-.2733	-.1020	.0496	12.62
Stddev	4.481	.498	.2184	.1653	.0692	16.71
%RSD	62.90	22.21	79.91	162.0	139.5	132.4

#1	2.029	-2.333	-.4445	.0747	-.0197	16.84
#2	10.45	-1.706	-.3481	-.1281	.0499	-5.794
#3	8.888	-2.691	-.0273	-.2528	.1187	26.81

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	.0480	.2381	.1296	.6749	14.29	122.1
Stddev	.0616	.1061	.3042	.9855	2.02	19.2
%RSD	128.5	44.56	234.8	146.0	14.12	15.76

#1	.0028	.1431	.1502	1.163	12.41	101.6
#2	.1181	.3525	-.1844	-.4595	16.42	124.8
#3	.0229	.2186	.4229	1.321	14.04	139.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87058/1-a@2 Acquired: 9/23/2011 19:05:45 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.206	.0332	12.33	-.0388	.3304	-.2904
Stddev	2.353	.0788	12.78	.2057	1.472	1.964
%RSD	106.7	237.3	103.7	529.9	445.6	676.2

#1	-.4906	.1241	26.09	.0218	-.4427	-2.410
#2	3.265	-.0096	.8152	.1297	-.5942	1.467
#3	3.843	-.0149	10.09	-.2680	2.028	.0712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9181	.1819	.5774	1.229	2.175	.6826
Stddev	1.323	.6963	.1578	.235	.270	.2215
%RSD	144.1	382.7	27.33	19.11	12.39	32.45

#1	.7756	-.5162	.7587	1.303	2.463	.7215
#2	2.306	.8763	.5022	1.418	2.132	.8820
#3	-.3278	.1857	.4713	.9660	1.929	.4442

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87058/1-a@2 Acquired: 9/23/2011 19:05:45 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4390	.0933	.1366
Stddev	.1414	.0286	1.221
%RSD	32.21	30.66	893.6

#1	.2765	.1065	-1.014
#2	.5067	.0604	1.417
#3	.5337	.1128	.0071

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2442.0	37834.	5374.3
Stddev	11.9	958.	211.9
%RSD	.48537	2.5320	3.9429

#1	2429.3	36739.	5130.6
#2	2443.7	38244.	5514.7
#3	2452.8	38519.	5477.7

Sample Name: lcssrm 460-87058/2-a Acquired: 9/23/2011 19:09:37 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39210.	468.3	134.6	896.4	363.3	46790.
Stddev	102.	1.4	.6	3.1	1.2	171.
%RSD	.2601	.3041	.4702	.3451	.3341	.3652

#1	39130.	468.7	134.5	898.0	362.9	46740.
#2	39330.	466.7	135.2	898.3	364.6	46980.
#3	39180.	469.4	133.9	892.8	362.3	46650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	283.5	446.9	1102.	810.4	84560.	18700.
Stddev	.3	1.3	2.	8.0	133.	66.
%RSD	.1132	.2812	.2030	.9844	.1569	.3510

#1	283.9	447.4	1104.	805.1	84690.	18670.
#2	283.4	447.8	1100.	819.6	84560.	18770.
#3	283.3	445.5	1101.	806.6	84420.	18650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87058/2-a Acquired: 9/23/2011 19:09:37 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16980.	2642.	4430.	660.7	398.1	811.6
Stddev	46.	6.	8.	1.5	1.7	5.7
%RSD	.2733	.2257	.1910	.2237	.4302	.7024

#1	17020.	2649.	4421.	662.1	398.7	818.2
#2	16990.	2640.	4438.	660.7	396.2	807.9
#3	16930.	2637.	4432.	659.2	399.4	808.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1252.	620.5	525.7	2729.	633.8	243.8
Stddev	4.	2.9	1.3	7.	1.7	.4
%RSD	.2955	.4645	.2555	.2724	.2621	.1467

#1	1254.	622.4	526.7	2734.	635.1	243.8
#2	1254.	621.9	526.3	2732.	634.4	244.1
#3	1248.	617.2	524.2	2720.	631.9	243.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87058/2-a Acquired: 9/23/2011 19:09:37 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	503.8	1044.	1876.
Stddev	1.6	3.	8.
%RSD	.3161	.2782	.4237

#1	502.2	1043.	1873.
#2	505.4	1047.	1885.
#3	503.9	1041.	1870.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2584.3	39963.	5922.8
Stddev	.6	35.	37.3
%RSD	.02208	.08644	.62914

#1	2584.0	39962.	5940.9
#2	2585.0	39929.	5879.9
#3	2584.1	39998.	5947.4

Sample Name: 460-31372-b-3-g@4 Acquired: 9/23/2011 19:13:06 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48340.	59.79	-9905	105.8	3.156	15890.
Stddev	131.	1.43	.2690	.3	.008	55.
%RSD	.2713	2.389	27.16	.2538	.2604	.3466

#1	48380.	58.52	-.7812	105.9	3.157	15910.
#2	48190.	59.53	-1.294	106.1	3.164	15820.
#3	48440.	61.34	-.8963	105.6	3.147	15930.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5405	29.36	123.8	30.65	149800.	11590.
Stddev	.0686	.36	1.1	4.02	206.	65.
%RSD	12.69	1.218	.8652	13.13	.1376	.5624

#1	-.5392	29.38	122.9	35.22	149800.	11660.
#2	-.6097	29.70	125.0	29.06	150000.	11530.
#3	-.4725	28.99	123.5	27.66	149600.	11590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-3-g@4 Acquired: 9/23/2011 19:13:06 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23410.	1430.	1531.	81.21	33.63	-1.365
Stddev	55.	2.	8.	.25	.71	1.062
%RSD	.2363	.1216	.5376	.3114	2.105	77.82

#1	23390.	1429.	1530.	80.94	33.24	-1.381
#2	23470.	1432.	1523.	81.44	34.45	-.2945
#3	23370.	1430.	1540.	81.26	33.20	-2.418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.993	.0693	143.2	243.7	54.79	9.657
Stddev	3.059	.2253	.4	.6	.72	.186
%RSD	102.2	325.1	.2636	.2432	1.311	1.925

#1	-4.495	.2238	142.8	243.2	55.43	9.856
#2	-5.010	-.1892	143.6	244.3	54.92	9.626
#3	.5266	.1732	143.1	243.5	54.01	9.488

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-3-g@4 Acquired: 9/23/2011 19:13:06 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.813	86.27	940.3
Stddev	.377	.22	3.1
%RSD	7.840	.2567	.3348

#1	5.245	86.51	943.4
#2	4.547	86.07	937.1
#3	4.648	86.23	940.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2615.6	40606.	5992.0
Stddev	4.4	123.	23.5
%RSD	.16716	.30184	.39183

#1	2619.8	40739.	5988.7
#2	2615.9	40497.	6017.0
#3	2611.1	40584.	5970.3

Sample Name: 460-31372-b-4-g@4 Acquired: 9/23/2011 19:16:47 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45340.	270.3	-5.001	1014.	11.01	28880.
Stddev	102.	1.8	.872	4.	.19	49.
%RSD	.2250	.6550	17.42	.4322	1.756	.1700

#1	45230.	268.4	-4.034	1014.	11.12	28820.
#2	45340.	271.9	-5.726	1018.	11.13	28910.
#3	45440.	270.5	-5.244	1009.	10.79	28910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3420	42.24	77.05	104.6	95540.	3224.
Stddev	.0625	.27	.26	1.4	64.	37.
%RSD	18.28	.6370	.3383	1.326	.0675	1.159

#1	.2786	42.09	76.78	103.2	95600.	3260.
#2	.3438	42.55	77.05	106.0	95560.	3185.
#3	.4036	42.08	77.31	104.5	95470.	3226.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-4-g@4 Acquired: 9/23/2011 19:16:47 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9405.	251.9	1244.	93.18	53.11	-.9301
Stddev	8.	.5	16.	.56	.97	.3517
%RSD	.0831	.1791	1.260	.6038	1.820	37.81

#1	9412.	251.4	1229.	93.73	52.49	-.5653
#2	9396.	252.0	1242.	93.20	52.62	-1.267
#3	9407.	252.2	1261.	92.60	54.22	-.9581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0852	10.90	2728.	164.6	112.4	3.456
Stddev	2.912	1.43	5.	.5	.0	.297
%RSD	3418.	13.15	.1825	.3278	.0207	8.593

#1	-1.146	11.92	2726.	164.7	112.4	3.302
#2	-2.318	9.263	2733.	165.1	112.4	3.799
#3	3.209	11.52	2724.	164.0	112.4	3.268

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-4-g@4 Acquired: 9/23/2011 19:16:47 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	9.039	1158.	2353.
Stddev	1.024	2.	7.
%RSD	11.33	.2117	.2924

#1	8.378	1156.	2346.
#2	10.22	1161.	2354.
#3	8.520	1157.	2359.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2721.3	41911.	6213.8
Stddev	2.4	77.	8.5
%RSD	.08940	.18339	.13732

#1	2718.7	41861.	6204.6
#2	2721.5	41999.	6221.5
#3	2723.6	41872.	6215.4

Sample Name: 460-31372-b-5-g@4 Acquired: 9/23/2011 19:20:27 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31890.	1.952	-1.306	26.39	.6219	4030.
Stddev	83.	.923	.225	.23	.0895	13.
%RSD	.2619	47.28	17.19	.8698	14.40	.3329

#1	31790.	1.049	-1.553	26.55	.7164	4038.
#2	31940.	1.912	-1.254	26.50	.6111	4014.
#3	31930.	2.894	-1.113	26.13	.5383	4038.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0113	4.978	48.51	6.303	10410.	1751.
Stddev	.0212	.134	.18	2.432	19.	30.
%RSD	188.6	2.685	.3682	38.58	.1783	1.712

#1	.0135	5.112	48.68	8.388	10410.	1750.
#2	.0313	4.978	48.53	3.632	10420.	1782.
#3	-.0110	4.844	48.33	6.888	10390.	1722.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-5-g@4 Acquired: 9/23/2011 19:20:27 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5479.	98.62	4389.	24.00	11.24	-1.903
Stddev	12.	.28	16.	.42	1.97	.569
%RSD	.2211	.2812	.3601	1.758	17.49	29.91

#1	5490.	98.71	4388.	24.04	13.27	-1.576
#2	5481.	98.83	4373.	23.56	9.340	-1.573
#3	5466.	98.30	4405.	24.41	11.12	-2.560

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.672	-1.737	33.09	39.09	47.98	.4381
Stddev	2.818	.810	.22	.35	.90	.2108
%RSD	168.5	46.62	.6586	.9061	1.885	48.12

#1	-1.558	-2.247	33.00	39.29	48.99	.3528
#2	3.630	-.8034	32.94	39.31	47.68	.6782
#3	2.943	-2.161	33.34	38.68	47.26	.2833

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-5-g@4 Acquired: 9/23/2011 19:20:27 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.223	65.78	792.3
Stddev	.799	.32	3.0
%RSD	35.92	.4931	.3778

#1	2.137	65.43	792.6
#2	1.471	65.84	795.1
#3	3.062	66.07	789.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2569.4	39750.	5772.9
Stddev	1.8	63.	17.9
%RSD	.06907	.15741	.30939

#1	2568.0	39683.	5773.2
#2	2568.7	39807.	5790.7
#3	2571.4	39760.	5754.9

Sample Name: 460-31372-b-6-g@4 Acquired: 9/23/2011 19:24:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51970.	44.55	-.4917	105.8	3.102	9768.
Stddev	267.	.72	.6227	.4	.072	67.
%RSD	.5132	1.626	126.6	.3555	2.319	.6898

#1	52100.	43.73	-.6523	106.1	3.053	9832.
#2	52150.	44.78	-1.018	106.0	3.069	9776.
#3	51660.	45.12	.1956	105.4	3.185	9697.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5018	33.28	124.6	38.16	145900.	11050.
Stddev	.0998	.29	.6	1.53	248.	26.
%RSD	19.90	.8591	.5013	4.016	.1696	.2325

#1	-.3986	33.55	125.2	39.86	146100.	11050.
#2	-.5090	33.31	124.6	36.87	146000.	11070.
#3	-.5978	32.98	123.9	37.76	145600.	11020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-6-g@4 Acquired: 9/23/2011 19:24:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23940.	1291.	1160.	85.46	39.62	-6.311
Stddev	49.	5.	10.	.64	1.67	.709
%RSD	.2029	.3637	.8219	.7516	4.226	11.23

#1	23980.	1296.	1154.	85.85	40.49	-5.595
#2	23960.	1290.	1171.	85.81	40.67	-7.012
#3	23890.	1286.	1155.	84.72	37.69	-6.325

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.454	.1956	139.0	261.9	43.01	2.526
Stddev	2.497	.3255	.7	1.0	.83	.170
%RSD	101.8	166.4	.5093	.3818	1.931	6.734

#1	.3398	-.1792	138.6	262.7	43.59	2.489
#2	-3.234	.4071	139.8	262.1	42.05	2.711
#3	-4.468	.3589	138.5	260.8	43.38	2.377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-6-g@4 Acquired: 9/23/2011 19:24:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.690	62.75	924.7
Stddev	.228	.17	2.5
%RSD	4.858	.2686	.2719

#1	4.809	62.82	923.0
#2	4.834	62.88	927.6
#3	4.427	62.56	923.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	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	40757.	6011.9
Stddev	4.2	126.	32.2
%RSD	.15784	.30919	.53641

#1	2625.4	40646.	5974.9
#2	2631.1	40731.	6027.1
#3	2633.5	40894.	6033.7

Sample Name: 460-31372-b-7-g@4 Acquired: 9/23/2011 19:27:54 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4680.	2.141	-.7884	11.18	.1899	976.2
Stddev	24.	.444	.4131	.00	.0200	6.8
%RSD	.5048	20.74	52.40	.0354	10.54	.6982

#1	4663.	2.117	-.5134	11.17	.1681	971.5
#2	4707.	1.710	-.5883	11.18	.2075	984.1
#3	4669.	2.597	-1.263	11.18	.1941	973.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0074	2.107	13.34	7.965	8775.	580.9
Stddev	.0756	.181	.28	2.652	15.	40.7
%RSD	1026.	8.603	2.132	33.29	.1750	7.010

#1	-.0186	2.194	13.64	4.994	8762.	555.3
#2	-.0767	2.229	13.08	8.813	8792.	627.9
#3	.0732	1.899	13.31	10.09	8771.	559.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-7-g@4 Acquired: 9/23/2011 19:27:54 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1113.	65.53	77.44	9.053	8.008	-.0627
Stddev	2.	.12	11.89	.023	2.533	2.508
%RSD	.1569	.1871	15.35	.2523	31.63	3997.

#1	1111.	65.62	87.01	9.076	9.381	-.1441
#2	1113.	65.39	64.14	9.031	5.085	2.484
#3	1114.	65.57	81.17	9.050	9.559	-2.529

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.960	-.9123	16.05	46.43	2.401	.4149
Stddev	4.204	.4269	.25	.23	.384	.0803
%RSD	214.5	46.80	1.569	.5027	16.01	19.35

#1	-2.851	-.9958	15.86	46.35	2.269	.3861
#2	3.805	-1.291	15.97	46.69	2.100	.5056
#3	4.927	-.4498	16.34	46.25	2.834	.3529

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-7-g@4 Acquired: 9/23/2011 19:27:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.076	4.243	223.9
Stddev	.698	.005	1.7
%RSD	64.80	.1113	.7381

#1	1.749	4.242	225.8
#2	1.124	4.248	223.2
#3	.3563	4.238	222.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2558.8	39862.	5728.7
Stddev	8.4	143.	24.7
%RSD	.32998	.35758	.43148

#1	2550.7	40000.	5707.7
#2	2567.6	39716.	5722.5
#3	2558.0	39869.	5756.0

Sample Name: 460-31372-b-8-g@4 Acquired: 9/23/2011 19:31:43 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11080.	18.13	-.6161	28.16	1.547	923.5
Stddev	39.	2.01	.5712	.06	.015	26.2
%RSD	.3551	11.11	92.71	.2157	.9587	2.840

#1	11040.	19.40	-.2572	28.09	1.559	937.1
#2	11120.	19.17	-.3163	28.20	1.530	940.0
#3	11070.	15.80	-1.275	28.19	1.552	893.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0924	20.41	37.16	9.474	26060.	4178.
Stddev	.0281	.23	.35	2.540	66.	34.
%RSD	30.35	1.142	.9308	26.81	.2532	.8217

#1	.1160	20.49	37.04	7.310	26100.	4150.
#2	.0614	20.59	37.55	12.27	26100.	4217.
#3	.0998	20.15	36.89	8.842	25980.	4168.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-8-g@4 Acquired: 9/23/2011 19:31:43 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3535.	118.1	352.9	27.89	14.04	-1.781
Stddev	6.	.2	6.2	.39	.49	2.272
%RSD	.1580	.2089	1.753	1.401	3.522	127.5

#1	3530.	118.3	354.3	27.59	13.53	-4.110
#2	3541.	118.3	358.3	28.33	14.05	.4290
#3	3534.	117.9	346.2	27.74	14.52	-1.663

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1026	-1.088	50.72	112.6	27.02	.7840
Stddev	3.180	.669	.11	.3	.10	.1848
%RSD	3100.	61.52	.2189	.3093	.3514	23.57

#1	3.292	-1.328	50.62	112.5	27.08	.8879
#2	-3.068	-1.604	50.84	112.9	27.07	.8934
#3	.0835	-.3317	50.70	112.3	26.91	.5706

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-8-g@4 Acquired: 9/23/2011 19:31:43 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.474	10.16	209.3
Stddev	.365	.09	.5
%RSD	24.76	.8588	.2166

#1	1.389	10.10	208.8
#2	1.873	10.26	209.6
#3	1.158	10.13	209.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2586.2	40260.	5822.9
Stddev	5.1	149.	15.3
%RSD	.19778	.36911	.26281

#1	2589.0	40358.	5840.3
#2	2589.2	40089.	5811.7
#3	2580.3	40332.	5816.7

Sample Name: 460-31372-b-10-i@4 Acquired: 9/23/2011 19:35:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18370.	22.39	-5490	256.8	.8107	6009.
Stddev	71.	1.57	.4014	1.0	.0341	15.
%RSD	.3869	7.026	73.12	.3966	4.206	.2509

#1	18430.	24.20	-.3641	257.8	.8224	6026.
#2	18380.	21.65	-1.010	256.9	.7723	6001.
#3	18290.	21.32	-.2733	255.8	.8374	5999.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.670	10.78	35.79	104.6	39780.	986.4
Stddev	.089	.17	.11	3.9	117.	32.0
%RSD	5.302	1.587	.3026	3.682	.2947	3.241

#1	1.692	10.63	35.91	100.3	39870.	1023.
#2	1.746	10.97	35.77	105.9	39820.	974.2
#3	1.573	10.74	35.69	107.7	39650.	962.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-10-i@4 Acquired: 9/23/2011 19:35:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2871.	349.4	250.6	28.33	614.4	-3.119
Stddev	10.	1.6	13.1	.26	2.1	1.422
%RSD	.3453	.4440	5.218	.9346	.3355	45.58

#1	2874.	351.2	253.7	28.03	616.8	-1.812
#2	2879.	348.5	261.8	28.43	613.3	-4.633
#3	2860.	348.5	236.2	28.53	613.1	-2.911

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.040	-5.173	50.33	954.7	5.801	2.487
Stddev	4.362	1.023	.13	4.1	.441	.131
%RSD	419.3	197.8	.2491	.4281	7.607	5.265

#1	-3.035	-1.596	50.47	957.4	5.301	2.479
#2	5.641	.4390	50.32	956.8	5.965	2.360
#3	.5151	-.3944	50.22	950.0	6.137	2.621

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-10-i@4 Acquired: 9/23/2011 19:35:25 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	28.43	41.99	378.1
Stddev	.89	.25	1.3
%RSD	3.130	.6004	.3445

#1	29.33	41.88	378.1
#2	28.40	42.27	379.4
#3	27.55	41.81	376.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2557.5	39808.	5767.7
Stddev	4.3	153.	12.2
%RSD	.16864	.38357	.21111

#1	2552.5	39638.	5764.7
#2	2559.8	39855.	5757.3
#3	2560.1	39932.	5781.1

Sample Name: 460-31372-b-11-g@4 Acquired: 9/23/2011 19:39:07 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17020.	50.81	-6853	157.0	1.226	7076.
Stddev	49.	2.09	.1112	.7	.087	9.
%RSD	.2874	4.106	16.23	.4594	7.058	.1299

#1	16990.	49.66	-.7855	157.6	1.325	7083.
#2	16990.	53.21	-.7048	157.3	1.193	7066.
#3	17070.	49.54	-.5656	156.2	1.162	7080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5393	13.28	95.07	68.05	45020.	3014.
Stddev	.0440	.36	.60	2.57	87.	67.
%RSD	8.163	2.676	.6307	3.776	.1925	2.229

#1	.5622	13.06	95.72	65.38	45110.	2990.
#2	.5671	13.69	94.54	68.25	44990.	3090.
#3	.4885	13.10	94.96	70.51	44950.	2963.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-11-g@4 Acquired: 9/23/2011 19:39:07 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7224.	323.5	209.4	32.25	243.6	-2.205
Stddev	7.	.3	22.2	.05	1.9	1.457
%RSD	.0924	.1038	10.58	.1579	.7673	66.07

#1	7229.	323.2	188.3	32.22	244.9	-1.168
#2	7217.	323.4	232.5	32.22	244.4	-1.575
#3	7228.	323.8	207.3	32.31	241.4	-3.870

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2690	-2.761	61.63	212.7	18.58	8.359
Stddev	1.721	2.361	.19	1.0	.19	.251
%RSD	639.6	85.53	.3006	.4470	1.031	3.001

#1	1.939	-1.009	61.77	212.8	18.45	8.518
#2	.3656	-1.827	61.42	213.6	18.80	8.489
#3	-1.498	-5.446	61.69	211.7	18.48	8.070

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-11-g@4 Acquired: 9/23/2011 19:39:07 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	29.85	56.45	575.5
Stddev	.14	.17	1.0
%RSD	.4748	.2985	.1767

#1	29.97	56.38	575.1
#2	29.70	56.33	574.7
#3	29.89	56.65	576.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2583.8	40353.	5863.5
Stddev	7.3	161.	24.6
%RSD	.28070	.39902	.41964

#1	2579.0	40185.	5835.5
#2	2580.4	40506.	5873.7
#3	2592.2	40367.	5881.4

Sample Name: CCV Acquired: 9/23/2011 19:42:49 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124500.	2484.	1228.	10090.	992.4	126900.
Stddev	212.	4.	2.	13.	.9	84.
%RSD	.1705	.1409	.1559	.1312	.0904	.0658

#1	124400.	2480.	1230.	10080.	992.1	126900.
#2	124400.	2485.	1226.	10100.	991.7	126800.
#3	124800.	2486.	1228.	10110.	993.4	127000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1266.	2499.	5026.	12480.	99850.	49950.
Stddev	1.	2.	1.	11.	38.	119.
%RSD	.1166	.0931	.0286	.0889	.0385	.2380

#1	1265.	2497.	5025.	12470.	99850.	49840.
#2	1266.	2499.	5026.	12490.	99820.	50070.
#3	1268.	2501.	5027.	12490.	99890.	49940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 19:42:49 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5105.	122600.	2536.	7564.	1009.
Stddev	146.	26.	111.	2.	8.	2.
%RSD	.1164	.5047	.0906	.0596	.1044	.2097

#1	125200.	5076.	122500.	2535.	7556.	1009.
#2	124900.	5113.	122500.	2536.	7564.	1007.
#3	125100.	5126.	122700.	2538.	7571.	1011.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2437.	2558.	2471.	2498.	999.2	2523.
Stddev	3.	3.	1.	2.	1.9	3.
%RSD	.1359	.1350	.0478	.0623	.1919	.1016

#1	2435.	2554.	2473.	2497.	996.9	2520.
#2	2436.	2560.	2470.	2497.	1000.	2524.
#3	2441.	2561.	2471.	2499.	1000.	2524.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 19:42:49 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1003.	5037.	9894.
Stddev	2.	9.	13.
%RSD	.1784	.1837	.1295

#1	1003.	5028.	9882.
#2	1002.	5037.	9893.
#3	1006.	5047.	9908.

Check ?	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	2319.4	35737.	5521.8
Stddev	9.8	160.	10.8
%RSD	.42314	.44846	.19596

#1	2326.6	35872.	5532.5
#2	2323.4	35780.	5521.9
#3	2308.2	35560.	5510.9

Sample Name: CCB Acquired: 9/23/2011 19:46:20 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.735	.1729	-.1998	.1812	.0441	9.396
Stddev	6.639	2.192	.8843	.0822	.1536	5.386
%RSD	85.83	1268.	442.5	45.35	347.9	57.32

#1	13.67	-1.869	.7588	.2671	-.0763	5.972
#2	.5675	-.1014	-.3747	.1732	-.0083	15.60
#3	8.963	2.489	-.9837	.1034	.2171	6.612

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	.0660	.0195	-.3918	1.517	.6718	171.4
Stddev	.0717	.3086	.2820	2.553	10.19	50.6
%RSD	108.7	1584.	71.99	168.4	1517.	29.50

#1	.0235	.3472	-.2001	-1.222	-7.078	219.4
#2	.1488	-.2655	-.7156	3.832	-3.118	118.6
#3	.0256	-.0233	-.2595	1.940	12.21	176.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 19:46:20 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.958	.1213	11.45	.1032	.9166	4.052
Stddev	2.758	.0614	20.51	.2713	.8619	2.917
%RSD	69.69	50.64	179.2	263.0	94.03	71.97
#1	4.866	.1622	31.10	.4121	.9099	1.071
#2	.8599	.1510	-9.831	-.0968	.0580	4.187
#3	6.147	.0506	13.07	-.0057	1.782	6.899

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5272	.6585	.2245	.8712	2.096	4.281
Stddev	3.234	1.975	.1920	.1791	1.152	.258
%RSD	613.5	300.0	85.53	20.56	54.96	6.021
#1	-2.087	1.843	.0707	1.018	3.423	4.112
#2	-.4748	-1.622	.4396	.6715	1.518	4.578
#3	4.144	1.755	.1630	.9243	1.348	4.154

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 19:46:20 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.525	.2299	1.988
Stddev	.767	.1884	2.379
%RSD	50.31	81.95	119.7

#1	.6628	.4295	3.683
#2	1.780	.2050	-.7314
#3	2.132	.0552	3.011

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.3	38994.	5527.9
Stddev	2.7	29.	19.4
%RSD	.10963	.07486	.35095

#1	2495.2	38960.	5518.8
#2	2500.4	39014.	5550.1
#3	2499.4	39007.	5514.6

Sample Name: 460-31372-b-12-g@4 Acquired: 9/23/2011 19:50:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57520.	44.89	-7166	117.7	3.367	22990.
Stddev	157.	1.48	.6129	.2	.052	115.
%RSD	.2735	3.303	85.53	.1308	1.533	.5000

#1	57350.	46.39	-.2338	117.5	3.425	22930.
#2	57550.	44.85	-1.406	117.7	3.350	22930.
#3	57660.	43.42	-.5098	117.8	3.325	23130.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5233	35.56	141.2	34.68	135900.	13450.
Stddev	.1123	.57	.5	3.58	60.	66.
%RSD	21.47	1.615	.3696	10.33	.0438	.4932

#1	-.4066	35.10	140.6	30.55	136000.	13430.
#2	-.5327	36.20	141.7	36.62	135900.	13400.
#3	-.6307	35.37	141.3	36.87	135800.	13530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-12-g@4 Acquired: 9/23/2011 19:50:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27220.	1722.	683.8	91.41	41.90	-4.643
Stddev	6.	1.	24.9	.21	1.09	.594
%RSD	.0217	.0506	3.635	.2295	2.593	12.80

#1	27220.	1723.	684.8	91.63	41.32	-4.081
#2	27230.	1722.	708.1	91.39	43.15	-5.265
#3	27220.	1722.	658.4	91.21	41.22	-4.583

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.002	-1.680	155.3	276.1	60.90	3.540
Stddev	1.301	1.400	.2	.4	.49	.083
%RSD	43.32	83.35	.1037	.1486	.8063	2.354

#1	-4.338	-2.421	155.1	276.5	60.41	3.485
#2	-1.740	-.0648	155.5	276.1	60.89	3.499
#3	-2.929	-2.554	155.3	275.7	61.39	3.636

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-12-g@4 Acquired: 9/23/2011 19:50:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.841	146.3	1111.
Stddev	.427	.7	4.
%RSD	8.825	.4576	.3367

#1	4.452	146.0	1111.
#2	5.298	145.8	1107.
#3	4.774	147.1	1115.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2624.8	40677.	6005.6
Stddev	6.9	90.	21.8
%RSD	.26307	.22205	.36248

#1	2617.5	40576.	6019.9
#2	2625.8	40708.	6016.3
#3	2631.2	40748.	5980.5

Sample Name: 460-31372-b-13-g@4 Acquired: 9/23/2011 19:53:55 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57580.	52.96	-1.017	116.0	3.480	21640.
Stddev	220.	2.35	.506	.2	.111	83.
%RSD	.3819	4.442	49.79	.1401	3.194	.3831

#1	57340.	50.43	-.6341	116.2	3.384	21550.
#2	57780.	55.08	-.8253	116.1	3.454	21710.
#3	57630.	53.38	-1.591	115.9	3.602	21650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4975	36.93	141.2	41.51	137700.	12810.
Stddev	.1080	.09	.3	.93	258.	47.
%RSD	21.70	.2498	.1853	2.230	.1874	.3654

#1	-.5082	37.01	141.0	41.51	138000.	12760.
#2	-.3846	36.83	141.1	40.58	137500.	12850.
#3	-.5997	36.97	141.5	42.43	137500.	12830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-13-g@4 Acquired: 9/23/2011 19:53:55 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27810.	1718.	653.5	95.19	44.15	-5.382
Stddev	32.	2.	9.1	.27	2.13	.374
%RSD	.1161	.1032	1.390	.2886	4.817	6.948

#1	27850.	1717.	663.9	95.41	45.18	-5.169
#2	27800.	1720.	648.7	95.27	41.70	-5.813
#3	27790.	1717.	647.7	94.88	45.57	-5.162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.608	-2.2831	155.6	288.9	54.43	5.199
Stddev	4.306	1.215	.2	.5	.08	.293
%RSD	93.46	429.3	.1551	.1715	.1387	5.634

#1	.1829	.8143	155.6	289.3	54.34	5.067
#2	-5.849	-.0743	155.9	289.1	54.45	5.535
#3	-8.157	-1.589	155.4	288.3	54.49	4.995

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31372-b-13-g@4 Acquired: 9/23/2011 19:53:55 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.032	136.0	1051.
Stddev	.370	.3	7.
%RSD	6.131	.1865	.6267

#1	5.611	135.8	1052.
#2	6.302	136.2	1057.
#3	6.184	135.8	1044.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2630.7	40680.	6049.7
Stddev	3.7	34.	34.7
%RSD	.14226	.08390	.57277

#1	2634.3	40715.	6079.5
#2	2626.8	40646.	6011.7
#3	2630.9	40679.	6058.1

Sample Name: 460-31161-e-1-c@4 Acquired: 9/23/2011 19:57:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19600.	5.105	-.9393	86.48	.5166	7045.
Stddev	50.	2.150	.6210	.28	.0127	28.
%RSD	.2561	42.12	66.12	.3195	2.462	.4045

#1	19550.	2.958	-.4334	86.55	.5030	7023.
#2	19650.	5.099	-1.632	86.71	.5283	7077.
#3	19600.	7.258	-.7521	86.17	.5185	7034.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1407	18.42	42.25	37.27	48480.	1529.
Stddev	.0139	.20	.64	2.78	101.	66.
%RSD	9.867	1.093	1.507	7.462	.2089	4.333

#1	-.1374	18.20	42.98	34.08	48560.	1498.
#2	-.1287	18.59	41.85	38.50	48520.	1605.
#3	-.1559	18.47	41.91	39.21	48370.	1484.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-1-c@4 Acquired: 9/23/2011 19:57:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6381.	1291.	413.6	30.43	11.58	-1.714
Stddev	14.	2.	9.7	.09	1.42	1.818
%RSD	.2142	.1614	2.352	.2898	12.24	106.1

#1	6378.	1291.	422.6	30.37	12.85	-3.240
#2	6396.	1292.	403.3	30.53	11.82	-2.199
#3	6370.	1288.	415.1	30.40	10.05	.2978

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.454	-2.352	86.22	80.08	6.580	.2036
Stddev	2.472	.917	.11	.16	.577	.1488
%RSD	170.0	38.98	.1317	.1951	8.774	73.09

#1	-4.304	-1.743	86.17	80.00	6.702	.3479
#2	-.1750	-3.407	86.35	80.26	5.952	.2124
#3	.1166	-1.907	86.14	79.98	7.087	.0506

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-1-c@4 Acquired: 9/23/2011 19:57:35 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.953	22.72	1153.
Stddev	.541	.08	6.
%RSD	18.31	.3381	.4777

#1	2.742	22.74	1149.
#2	2.550	22.79	1159.
#3	3.568	22.64	1150.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2607.3	40554.	5863.0
Stddev	3.3	142.	22.7
%RSD	.12833	.35056	.38760

#1	2607.5	40711.	5871.4
#2	2603.9	40435.	5837.3
#3	2610.6	40515.	5880.4

Sample Name: 460-31161-e-2-d@4 Acquired: 9/23/2011 20:01:17 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23310.	6.067	-.6402	103.1	1.038	7479.
Stddev	131.	.913	.4735	.5	.017	45.
%RSD	.5599	15.06	73.97	.4772	1.661	.6022

#1	23460.	5.717	-.1904	103.6	1.021	7531.
#2	23280.	5.380	-.5958	103.2	1.055	7446.
#3	23200.	7.103	-1.134	102.6	1.038	7461.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1976	23.27	51.83	53.09	59460.	1961.
Stddev	.1035	.32	.24	1.04	121.	45.
%RSD	52.38	1.359	.4681	1.955	.2034	2.314

#1	-.2579	22.94	51.92	52.16	59350.	1933.
#2	-.0781	23.57	51.56	52.89	59430.	1936.
#3	-.2568	23.30	52.02	54.21	59590.	2013.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-2-d@4 Acquired: 9/23/2011 20:01:17 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7408.	959.7	2360.	38.22	21.01	-2.802
Stddev	24.	.9	22.	.09	1.15	1.191
%RSD	.3290	.0949	.9408	.2224	5.461	42.49

#1	7384.	958.8	2375.	38.13	20.48	-1.442
#2	7407.	959.9	2335.	38.29	22.33	-3.307
#3	7432.	960.6	2371.	38.24	20.23	-3.658

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.458	-2.730	103.6	96.32	6.915	-.0785
Stddev	1.794	.318	.1	.21	.807	.3164
%RSD	51.87	11.66	.1183	.2226	11.67	403.0

#1	-1.456	-3.053	103.7	96.52	7.158	-.4279
#2	-4.920	-2.417	103.6	96.36	6.015	.1888
#3	-3.998	-2.719	103.5	96.09	7.573	.0035

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-2-d@4 Acquired: 9/23/2011 20:01:17 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.248	29.64	1264.
Stddev	.358	.09	5.
%RSD	8.424	.2920	.3578

#1	3.874	29.73	1269.
#2	4.284	29.64	1264.
#3	4.587	29.55	1260.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2625.6	40744.	5910.0
Stddev	3.5	154.	13.4
%RSD	.13328	.37904	.22750

#1	2621.6	40702.	5894.8
#2	2627.4	40915.	5920.4
#3	2627.8	40615.	5914.8

Sample Name: 460-31161-e-3-c@4 Acquired: 9/23/2011 20:04:58 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22430.	5.700	-.6575	106.8	.7116	5750.
Stddev	62.	2.301	.8532	.5	.0728	19.
%RSD	.2782	40.37	129.8	.5024	10.23	.3342

#1	22470.	4.475	-1.062	107.2	.6428	5770.
#2	22460.	8.354	.3227	106.9	.7878	5749.
#3	22350.	4.271	-1.233	106.2	.7043	5731.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0223	18.95	32.59	49.46	54730.	1631.
Stddev	.1061	.07	.13	3.07	126.	33.
%RSD	474.8	.3718	.4070	6.212	.2306	2.027

#1	-.1284	19.03	32.67	46.00	54870.	1661.
#2	.0838	18.92	32.43	50.53	54630.	1596.
#3	-.0225	18.90	32.66	51.86	54680.	1637.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-3-c@4 Acquired: 9/23/2011 20:04:58 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7913.	577.1	380.7	30.69	9.585	-1.816
Stddev	19.	2.7	2.7	.18	1.129	1.368
%RSD	.2355	.4696	.7117	.5857	11.77	75.34

#1	7934.	580.0	378.3	30.89	10.89	-.4306
#2	7899.	576.8	380.0	30.64	8.962	-1.851
#3	7907.	574.6	383.6	30.55	8.906	-3.166

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.366	-2.113	86.61	85.78	5.951	-.0599
Stddev	2.359	.930	.37	.25	.407	.1104
%RSD	70.09	43.99	.4316	.2953	6.841	184.3

#1	-.9486	-3.154	86.58	85.88	5.580	-.0002
#2	-3.486	-1.821	86.25	85.96	5.886	-.1873
#3	-5.662	-1.365	87.00	85.49	6.387	.0078

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31161-e-3-c@4 Acquired: 9/23/2011 20:04:58 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.737	20.13	872.4
Stddev	.794	.03	1.9
%RSD	28.99	.1670	.2132

#1	3.112	20.11	870.9
#2	1.825	20.17	874.5
#3	3.274	20.11	871.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2626.5	40864.	5930.1
Stddev	5.7	72.	11.2
%RSD	.21724	.17712	.18820

#1	2628.0	40843.	5939.5
#2	2620.1	40944.	5917.8
#3	2631.3	40804.	5933.1

Sample Name: 460-31330-a-1-a@4 Acquired: 9/23/2011 20:08:41 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71180.	10.53	-1.157	140.5	1.630	5417.
Stddev	180.	2.38	.482	.2	.077	29.
%RSD	.2535	22.55	41.63	.1393	4.754	.5361

#1	71160.	7.940	-1.571	140.7	1.565	5422.
#2	71000.	11.05	-.6284	140.4	1.609	5386.
#3	71360.	12.60	-1.272	140.3	1.716	5443.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3319	27.14	59.98	21.57	63770.	1414.
Stddev	.0772	.45	.49	3.51	50.	44.
%RSD	23.27	1.650	.8174	16.26	.0778	3.114

#1	-.3032	26.89	59.57	23.73	63810.	1433.
#2	-.2730	27.66	60.52	17.52	63790.	1364.
#3	-.4193	26.87	59.85	23.47	63710.	1446.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31330-a-1-a@4 Acquired: 9/23/2011 20:08:41 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2312.	937.8	125.8	29.95	33.09	-2.610
Stddev	12.	1.7	18.9	.30	.72	1.665
%RSD	.4995	.1862	15.01	1.015	2.178	63.81

#1	2321.	939.7	119.6	30.18	32.35	-3.621
#2	2315.	937.5	110.8	30.05	33.78	-3.521
#3	2299.	936.2	147.0	29.60	33.15	-.6876

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9209	-2.377	89.95	63.72	3.985	.6119
Stddev	.8798	.813	.31	.26	.757	.2905
%RSD	95.54	34.22	.3413	.4061	18.99	47.47

#1	-.4155	-1.840	89.63	63.47	3.112	.3216
#2	-1.937	-3.313	90.25	63.69	4.453	.6115
#3	-.4105	-1.978	89.96	63.99	4.390	.9025

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31330-a-1-a@4 Acquired: 9/23/2011 20:08:41 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.206	39.50	694.3
Stddev	.416	.18	2.9
%RSD	12.99	.4554	.4238

#1	3.482	39.32	694.0
#2	3.407	39.68	697.4
#3	2.727	39.51	691.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2584.7	39986.	5815.1
Stddev	7.1	173.	14.8
%RSD	.27566	.43197	.25474

#1	2590.1	39786.	5811.3
#2	2587.3	40090.	5831.5
#3	2576.6	40081.	5802.6

Sample Name: 460-31330-a-4-a@4 Acquired: 9/23/2011 20:12:23 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37770.	11.14	-1.144	72.40	.5829	2431.
Stddev	90.	1.10	.623	.22	.0809	6.
%RSD	.2375	9.891	54.50	.3041	13.89	.2470

#1	37860.	11.15	-1.065	72.28	.5047	2436.
#2	37770.	12.23	-1.802	72.65	.5779	2424.
#3	37680.	10.03	-.5631	72.26	.6663	2434.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5260	11.26	49.64	22.40	108600.	959.3
Stddev	.0398	.35	1.06	3.40	274.	6.5
%RSD	7.559	3.133	2.129	15.17	.2527	.6810

#1	-.5714	11.60	48.90	25.67	108400.	966.8
#2	-.4976	11.28	49.17	22.65	108900.	954.8
#3	-.5089	10.89	50.85	18.89	108500.	956.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31330-a-4-a@4 Acquired: 9/23/2011 20:12:23 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	909.1	82.08	20.67	13.39	26.35	-3.720
Stddev	10.4	.23	14.69	.17	.63	1.776
%RSD	1.143	.2797	71.06	1.273	2.409	47.74

#1	897.5	81.82	29.75	13.29	25.63	-1.681
#2	917.6	82.17	3.723	13.58	26.84	-4.548
#3	912.2	82.26	28.53	13.29	26.57	-4.929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.279	-.0501	127.7	29.07	2.815	.5837
Stddev	3.572	.5128	.3	.22	.308	.2690
%RSD	67.66	1024.	.2195	.7435	10.93	46.09

#1	-1.425	-.5255	127.3	29.28	2.858	.8939
#2	-5.934	.4933	127.7	29.09	3.099	.4155
#3	-8.479	-.1180	127.9	28.85	2.489	.4416

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31330-a-4-a@4 Acquired: 9/23/2011 20:12:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.093	19.00	269.7
Stddev	.976	.14	2.5
%RSD	31.56	.7191	.9415

#1	4.131	18.90	272.6
#2	2.195	19.16	268.0
#3	2.952	18.95	268.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2600.6	40522.	5852.9
Stddev	4.3	173.	22.2
%RSD	.16599	.42654	.37997

#1	2595.8	40717.	5829.7
#2	2604.0	40387.	5854.9
#3	2602.1	40461.	5874.1

Sample Name: 460-31338-a-1-e@4 Acquired: 9/23/2011 20:16:06 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69720.	11.08	-8480	326.9	2.014	37470.
Stddev	210.	3.41	.5650	2.2	.055	110.
%RSD	.3006	30.73	66.63	.6642	2.747	.2927

#1	69520.	8.941	-.3123	328.5	2.076	37340.
#2	69940.	15.01	-.7934	327.9	1.995	37550.
#3	69700.	9.295	-1.438	324.5	1.971	37510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4654	77.85	220.4	700.0	133000.	4841.
Stddev	.0069	.71	.4	6.0	226.	48.
%RSD	1.472	.9105	.2041	.8598	.1698	.9941

#1	-.4604	78.25	220.8	695.6	133100.	4809.
#2	-.4627	78.27	219.9	697.7	133100.	4817.
#3	-.4732	77.03	220.5	706.9	132700.	4896.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31338-a-1-e@4 Acquired: 9/23/2011 20:16:06 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45670.	2450.	1611.	130.5	91.20	-4.117
Stddev	80.	2.	5.	.6	.66	.779
%RSD	.1743	.0964	.3110	.4468	.7196	18.93

#1	45760.	2448.	1614.	131.2	91.88	-3.956
#2	45630.	2452.	1614.	130.2	91.16	-4.963
#3	45620.	2451.	1605.	130.2	90.57	-3.430

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.623	-5.562	282.2	328.0	25.09	-.5369
Stddev	.416	1.446	.8	1.4	.39	.2326
%RSD	15.87	26.00	.2761	.4369	1.550	43.32

#1	-3.097	-7.227	282.6	328.5	25.53	-.6435
#2	-2.321	-4.827	282.7	329.1	24.81	-.2701
#3	-2.450	-4.631	281.3	326.4	24.92	-.6971

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31338-a-1-e@4 Acquired: 9/23/2011 20:16:06 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	8.262	78.47	2219.
Stddev	.874	.29	3.
%RSD	10.57	.3679	.1232

#1	7.886	78.14	2216.
#2	7.640	78.62	2221.
#3	9.261	78.65	2220.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.5	39861.	5893.3
Stddev	1.9	229.	11.8
%RSD	.07593	.57334	.20060

#1	2565.4	39600.	5879.6
#2	2567.8	40026.	5900.2
#3	2569.3	39957.	5900.0

Sample Name: 460-31476-a-1-a@4 Acquired: 9/23/2011 20:19:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39700.	29.52	.0160	421.1	.4566	222400.
Stddev	130.	2.77	.4456	2.1	.0949	293.
%RSD	.3277	9.385	2794.	.5083	20.79	.1317

#1	39600.	32.60	-.1523	421.4	.3577	222200.
#2	39850.	27.21	.5212	423.1	.5470	222300.
#3	39650.	28.77	-.3211	418.9	.4651	222700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0652	11.15	52.95	123.4	46290.	1803.
Stddev	.0713	.07	.64	1.4	59.	52.
%RSD	109.4	.6150	1.217	1.151	.1267	2.884

#1	-.1453	11.12	53.60	122.0	46340.	1819.
#2	-.0417	11.23	52.31	124.8	46310.	1745.
#3	-.0086	11.10	52.94	123.5	46220.	1845.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31476-a-1-a@4 Acquired: 9/23/2011 20:19:45 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4848.	285.6	1765.	154.0	23.76	56.15
Stddev	15.	.7	15.	.6	.69	1.51
%RSD	.2996	.2616	.8439	.3769	2.889	2.682

#1	4858.	286.4	1750.	154.5	23.35	57.83
#2	4855.	285.0	1779.	154.2	24.56	55.73
#3	4831.	285.4	1767.	153.4	23.39	54.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.42	-1.558	51.60	220.6	10.99	3.378
Stddev	1.88	1.968	.63	1.4	.97	.580
%RSD	1.926	126.3	1.216	.6170	8.859	17.17

#1	95.31	.3630	52.30	220.8	11.98	3.856
#2	98.89	-3.570	51.10	221.8	10.04	2.733
#3	98.05	-1.466	51.40	219.1	10.94	3.544

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31476-a-1-a@4 Acquired: 9/23/2011 20:19:45 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.264	286.5	305.8
Stddev	.606	.9	1.5
%RSD	11.52	.3045	.4857

#1	5.553	286.1	305.6
#2	4.567	285.9	307.4
#3	5.672	287.5	304.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2422.0	37554.	5645.4
Stddev	3.7	82.	14.0
%RSD	.15182	.21819	.24717

#1	2424.1	37531.	5657.0
#2	2417.8	37645.	5649.3
#3	2424.2	37486.	5629.9

Sample Name: 460-31448-f-6-a@4 Acquired: 9/23/2011 20:23:27 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11020.	5.761	-.9657	78.11	.4013	5458.
Stddev	12.	1.613	.6945	.08	.0890	16.
%RSD	.1117	28.00	71.91	.1046	22.18	.2994

#1	11010.	3.921	-.4837	78.18	.4880	5472.
#2	11030.	6.932	-1.762	78.13	.4059	5440.
#3	11000.	6.431	-.6518	78.02	.3101	5462.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0253	1.865	27.67	15.41	15300.	1282.
Stddev	.0756	.141	.53	4.65	38.	45.
%RSD	299.3	7.554	1.926	30.17	.2490	3.482

#1	.0632	1.980	27.07	17.44	15300.	1307.
#2	-.0618	1.708	27.82	10.09	15340.	1230.
#3	.0744	1.907	28.10	18.70	15260.	1308.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-f-6-a@4 Acquired: 9/23/2011 20:23:27 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	843.7	55.03	483.2	4.030	203.9	-.5839
Stddev	1.8	.15	11.8	.321	1.0	2.052
%RSD	.2192	.2799	2.443	7.975	.5124	351.4

#1	841.8	54.86	479.8	4.307	203.8	-1.514
#2	843.8	55.15	496.3	4.105	202.9	-2.006
#3	845.5	55.08	473.4	3.678	205.0	1.768

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.327	-1.543	28.31	99.02	11.43	1.597
Stddev	4.096	1.433	.46	.50	.31	.274
%RSD	308.7	92.82	1.628	.5048	2.674	17.13

#1	2.624	-3.038	27.85	99.53	11.09	1.491
#2	4.617	-1.410	28.77	99.00	11.52	1.908
#3	-3.260	-.1820	28.31	98.53	11.68	1.392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-f-6-a@4 Acquired: 9/23/2011 20:23:27 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.854	82.25	186.3
Stddev	.551	.31	1.3
%RSD	11.36	.3779	.6948

#1	4.296	82.61	187.0
#2	4.867	82.09	184.8
#3	5.398	82.06	187.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2516.7	39463.	5629.8
Stddev	2.6	58.	10.4
%RSD	.10147	.14592	.18539

#1	2513.8	39467.	5620.1
#2	2518.1	39518.	5640.9
#3	2518.3	39403.	5628.6

Sample Name: CCV Acquired: 9/23/2011 20:27:11 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	2513.	1227.	10210.	1006.	128200.
Stddev	570.	1.	4.	15.	5.	629.
%RSD	.4512	.0518	.3412	.1429	.5277	.4903

#1	126100.	2512.	1224.	10200.	1004.	127900.
#2	126800.	2512.	1232.	10210.	1012.	128900.
#3	125700.	2514.	1225.	10230.	1002.	127800.

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	1282.	2529.	5022.	12620.	99630.	50430.
Stddev	2.	4.	5.	58.	237.	300.
%RSD	.1653	.1685	.0986	.4627	.2382	.5941

#1	1280.	2526.	5017.	12580.	99360.	50330.
#2	1281.	2526.	5027.	12690.	99820.	50760.
#3	1284.	2534.	5022.	12590.	99700.	50190.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 20:27:11 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5150.	123400.	2563.	7660.	1026.
Stddev	276.	10.	311.	3.	15.	.
%RSD	.2212	.1991	.2515	.1105	.2014	.0395

#1	124300.	5138.	123500.	2560.	7650.	1026.
#2	124800.	5155.	123700.	2563.	7653.	1026.
#3	124700.	5156.	123100.	2566.	7678.	1027.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2468.	2572.	2467.	2534.	1013.	2555.
Stddev	8.	1.	4.	5.	5.	2.
%RSD	.3047	.0422	.1737	.2155	.4753	.0675

#1	2459.	2571.	2462.	2530.	1008.	2553.
#2	2472.	2572.	2471.	2533.	1016.	2556.
#3	2472.	2573.	2468.	2540.	1017.	2556.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 20:27:11 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1014.	5091.	9956.
Stddev	1.	30.	16.
%RSD	.0786	.5833	.1586

#1	1014.	5078.	9956.
#2	1015.	5125.	9972.
#3	1014.	5070.	9941.

Check ?	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	2297.5	35656.	5432.8
Stddev	7.9	156.	37.8
%RSD	.34520	.43797	.69592

#1	2304.8	35817.	5447.9
#2	2298.7	35646.	5389.8
#3	2289.1	35505.	5460.8

Sample Name: CCB Acquired: 9/23/2011 20:30:40 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.396	-.1767	-.9579	.1949	.1396	14.14
Stddev	8.762	.8670	.1020	.0324	.1080	15.77
%RSD	93.25	490.5	10.65	16.61	77.33	111.5

#1	8.758	-.5113	-.9028	.2259	.2031	31.46
#2	.9700	-.8266	-.8952	.1976	.0150	10.33
#3	18.46	.8077	-1.076	.1613	.2007	.6309

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0079	-.0462	-.0183	.1417	10.76	155.5
Stddev	.0187	.4227	.2105	3.966	7.32	61.1
%RSD	235.6	915.1	1148.	2799.	68.07	39.32

#1	-.0008	.4387	-.2586	4.555	13.29	85.02
#2	-.0292	-.3367	.0699	-3.123	2.507	187.2
#3	.0062	-.2406	.1336	-1.006	16.49	194.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 20:30:40 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.018	.1605	11.59	-.3239	-.3223	3.974
Stddev	4.864	.0089	14.94	.5413	.2128	.243
%RSD	121.0	5.565	128.9	167.1	66.05	6.106
#1	2.992	.1617	-3.149	-.9030	-.4006	3.737
#2	9.313	.1510	26.73	.1692	-.4848	4.222
#3	-.2508	.1687	11.20	-.2378	-.0813	3.965

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1459	.3516	.4890	.6358	2.235	4.447
Stddev	2.492	.9782	.2850	.2595	.265	.506
%RSD	1708.	278.2	58.29	40.82	11.88	11.38
#1	-2.723	1.190	.7775	.9270	1.995	4.089
#2	1.385	-.7229	.2075	.5518	2.520	5.026
#3	1.776	.5874	.4819	.4287	2.189	4.226

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 20:30:40 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.694	.2116	3.016
Stddev	.295	.0472	2.096
%RSD	17.42	22.30	69.48

#1	1.514	.2635	.8809
#2	2.034	.1999	5.070
#3	1.533	.1714	3.098

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2487.5	38997.	5500.2
Stddev	7.1	91.	35.5
%RSD	.28571	.23448	.64606

#1	2494.9	39102.	5539.5
#2	2486.9	38959.	5470.5
#3	2480.7	38932.	5490.5

Sample Name: mb 460-87056/1-a@2 Acquired: 9/23/2011 20:34:33 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.988	-2.330	-.7030	.1064	-.0068	32.93
Stddev	16.94	1.911	.6244	.0958	.0224	7.13
%RSD	566.9	81.99	88.82	90.02	331.1	21.64

#1	14.76	-4.073	-1.102	-.0040	.0110	29.48
#2	-16.43	-2.632	.0166	.1670	.0006	28.18
#3	10.63	-.2870	-1.024	.1562	-.0319	41.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0749	.4659	3.264	2.493	27.70	106.9
Stddev	.0801	.1755	.323	4.016	2.90	42.6
%RSD	106.9	37.68	9.879	161.1	10.49	39.81

#1	.0000	.4975	2.899	-2.009	27.80	75.79
#2	-.1593	.6234	3.382	3.786	24.75	89.57
#3	-.0655	.2767	3.511	5.704	30.55	155.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87056/1-a@2 Acquired: 9/23/2011 20:34:33 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9502	3.017	3.183	2.608	.3773	.9785
Stddev	2.411	.232	6.950	.528	.7584	1.661
%RSD	253.7	7.698	218.3	20.25	201.0	169.7

#1	-1.444	2.824	9.900	2.377	-.1101	-.0352
#2	3.378	2.953	-3.978	2.235	1.251	2.895
#3	.9175	3.275	3.628	3.212	-.0090	.0755

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.509	-.5180	.2241	.8715	3.415	.5630
Stddev	.443	1.658	.4936	.0175	.694	.2729
%RSD	17.66	320.1	220.2	2.009	20.32	48.48

#1	2.007	-2.265	-.2187	.8545	3.966	.8696
#2	2.676	-.3236	.1348	.8706	3.642	.3463
#3	2.844	1.034	.7562	.8895	2.635	.4733

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87056/1-a@2 Acquired: 9/23/2011 20:34:33 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.9664	.1471	1.039
Stddev	.4081	.0333	2.121
%RSD	42.23	22.61	204.2

#1	1.437	.1373	2.594
#2	.7105	.1842	-1.377
#3	.7517	.1199	1.900

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2415.0	37897.	5258.9
Stddev	5.7	515.	159.8
%RSD	.23449	1.3601	3.0394

#1	2411.2	37319.	5074.7
#2	2412.2	38060.	5341.5
#3	2421.5	38310.	5360.6

Sample Name: lcssrm 460-87056/2-a Acquired: 9/23/2011 20:38:26 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41290.	489.5	139.8	940.8	383.6	50000.
Stddev	21.	3.5	1.0	.9	1.3	136.
%RSD	.0515	.7223	.6887	.0922	.3446	.2724

#1	41270.	489.8	139.8	939.9	382.4	49840.
#2	41290.	492.9	140.7	941.7	383.5	50060.
#3	41310.	485.8	138.8	940.7	385.0	50100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	302.0	481.0	1176.	855.0	88190.	19660.
Stddev	.4	1.0	2.	6.9	70.	74.
%RSD	.1174	.1990	.1393	.8106	.0793	.3742

#1	301.6	481.6	1177.	848.2	88260.	19590.
#2	302.1	481.5	1174.	854.8	88120.	19660.
#3	302.3	479.9	1177.	862.0	88190.	19730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87056/2-a Acquired: 9/23/2011 20:38:26 Type: QC

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17710.	2842.	4672.	706.3	418.6	899.5
Stddev	25.	3.	9.	.9	1.9	2.4
%RSD	.1384	.0987	.1963	.1209	.4476	.2678

#1	17680.	2840.	4662.	705.4	418.8	901.2
#2	17710.	2842.	4673.	706.2	420.4	900.6
#3	17730.	2845.	4680.	707.1	416.7	896.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1328.	644.0	559.3	2915.	672.9	264.1
Stddev	5.	4.2	.1	2.	1.2	.8
%RSD	.3421	.6556	.0162	.0585	.1758	.2846

#1	1323.	641.5	559.3	2915.	671.7	264.3
#2	1328.	648.9	559.2	2916.	674.0	264.7
#3	1332.	641.6	559.4	2913.	672.9	263.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87056/2-a Acquired: 9/23/2011 20:38:26 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	533.4	1134.	1936.
Stddev	2.0	3.	6.
%RSD	.3717	.2693	.3212

#1	533.7	1130.	1930.
#2	535.2	1135.	1934.
#3	531.3	1136.	1943.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2565.6	39760.	5838.6
Stddev	2.4	22.	20.3
%RSD	.09396	.05614	.34786

#1	2567.3	39745.	5861.4
#2	2566.6	39749.	5832.1
#3	2562.8	39786.	5822.4

Sample Name: 460-31448-e-19-b du@ Acquired: 9/23/2011 20:41:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4096.	3.180	.5513	6.464	-.0030	664.5
Stddev	62.	.772	.7537	.026	.0294	5.7
%RSD	1.508	24.27	136.7	.4046	996.9	.8576
#1	4025.	3.255	.1724	6.460	-.0295	671.1
#2	4138.	3.911	1.419	6.492	.0287	660.9
#3	4125.	2.374	.0623	6.440	-.0081	661.6

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	.0044	.6694	14.92	6.663	29770.	368.7
Stddev	.0984	.1227	.44	2.357	97.	2.0
%RSD	2243.	18.34	2.917	35.38	.3242	.5332
#1	.1172	.6449	15.16	4.064	29790.	366.7
#2	-.0641	.8026	15.18	8.662	29850.	370.6
#3	-.0399	.5608	14.42	7.264	29660.	368.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-19-b du@ Acquired: 9/23/2011 20:41:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	193.9	16.80	105.6	1.737	9.196	2.500
Stddev	2.1	.15	25.8	.105	.136	1.699
%RSD	1.103	.8873	24.41	6.023	1.474	67.95
#1	191.7	16.77	92.75	1.694	9.300	3.557
#2	195.9	16.97	88.72	1.661	9.246	.5404
#3	194.1	16.67	135.2	1.856	9.043	3.402

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.189	-1.084	21.32	12.49	4.379	.9098
Stddev	1.293	2.264	.69	.19	.257	.2742
%RSD	108.7	208.9	3.253	1.537	5.864	30.14
#1	-.2617	-.8673	21.01	12.28	4.272	1.052
#2	1.609	1.065	22.12	12.66	4.672	.5937
#3	2.220	-3.449	20.84	12.53	4.192	1.084

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-19-b du@ Acquired: 9/23/2011 20:41:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.003	6.577	211.2
Stddev	.919	.213	3.3
%RSD	45.86	3.233	1.564

#1	2.822	6.771	207.5
#2	2.178	6.350	213.7
#3	1.010	6.611	212.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2505.2	39066.	5564.0
Stddev	1.6	46.	37.5
%RSD	.06493	.11856	.67434

#1	2506.5	39019.	5580.6
#2	2505.6	39066.	5590.3
#3	2503.4	39112.	5521.0

Sample Name: 460-31448-e-19-a@4 Acquired: 9/23/2011 20:45:44 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4065.	3.243	-.4306	11.92	.0791	732.4
Stddev	21.	3.478	.8419	.05	.0709	6.1
%RSD	.5188	107.2	195.5	.4460	89.66	.8356

#1	4089.	4.565	-.7017	11.90	.0242	738.1
#2	4053.	-.7022	-1.104	11.98	.1591	725.9
#3	4053.	5.867	.5134	11.87	.0540	733.1

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	-.0990	.7074	16.19	5.047	32880.	383.4
Stddev	.0819	.3043	.26	.725	83.	34.4
%RSD	82.74	43.02	1.604	14.37	.2529	8.970

#1	-.1899	.3988	16.46	4.867	32960.	369.0
#2	-.0312	1.007	15.95	4.429	32890.	422.7
#3	-.0758	.7160	16.15	5.846	32790.	358.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-19-a@4 Acquired: 9/23/2011 20:45:44 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	172.3	16.26	91.51	1.620	8.879	-1.339
Stddev	4.7	.08	.97	.271	.579	.531
%RSD	2.718	.4929	1.064	16.69	6.525	39.68

#1	177.7	16.31	91.02	1.855	9.043	-.7308
#2	170.5	16.16	90.88	1.681	9.358	-1.575
#3	168.9	16.30	92.63	1.325	8.235	-1.712

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2429	-.9096	23.52	14.41	3.507	.4814
Stddev	2.696	.0353	.42	.06	.504	.1559
%RSD	1110.	3.876	1.788	.4299	14.37	32.38

#1	.1112	-.9387	24.00	14.34	4.057	.6510
#2	-3.099	-.9197	23.20	14.42	3.066	.4485
#3	2.259	-.8704	23.37	14.47	3.399	.3445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-19-a@4 Acquired: 9/23/2011 20:45:44 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.697	9.680	230.2
Stddev	.878	.087	2.1
%RSD	51.74	.9042	.9054

#1	2.520	9.718	232.0
#2	.7724	9.580	230.6
#3	1.800	9.742	227.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2503.7	39112.	5574.5
Stddev	6.1	138.	5.3
%RSD	.24394	.35321	.09500

#1	2497.9	39048.	5569.6
#2	2510.0	39270.	5573.7
#3	2503.1	39017.	5580.1

Sample Name: sd 460-31448-e-19-a@ Acquired: 9/23/2011 20:49:31 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	786.5	-.5746	-.7628	2.241	-.0195	152.9
Stddev	10.7	2.160	1.067	.077	.0339	15.4
%RSD	1.359	376.0	139.9	3.440	173.6	10.10

#1	794.1	-3.042	.4323	2.174	.0192	157.2
#2	791.1	.9764	-1.102	2.325	-.0338	165.7
#3	774.3	.3419	-1.619	2.224	-.0439	135.7

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	.0508	.2521	2.481	-.5103	6376.	170.9
Stddev	.0588	.1301	.179	3.164	26.	21.7
%RSD	115.8	51.60	7.199	620.0	.4028	12.69

#1	.0143	.3692	2.680	-3.724	6405.	154.6
#2	.0195	.2749	2.428	-.4073	6370.	195.5
#3	.1187	.1121	2.335	2.601	6355.	162.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31448-e-19-a@ Acquired: 9/23/2011 20:49:31 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.28	3.176	19.74	.3910	2.423	-.0092
Stddev	.53	.027	14.94	.4210	.838	1.357
%RSD	1.516	.8456	75.65	107.7	34.59	14680.
#1	35.21	3.168	36.91	.3617	3.157	1.542
#2	34.78	3.206	9.672	.8259	2.601	-.5942
#3	35.84	3.154	12.66	-.0145	1.510	-.9760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8911	-1.109	4.595	7.445	1.705	.1489
Stddev	2.847	1.314	.185	.097	.295	.2705
%RSD	319.5	118.5	4.021	1.298	17.30	181.7
#1	-4.082	-2.328	4.582	7.501	1.661	-.1633
#2	1.392	.2833	4.785	7.334	1.435	.2967
#3	.0162	-1.283	4.416	7.501	2.020	.3134

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31448-e-19-a@ Acquired: 9/23/2011 20:49:31 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8757	1.879	42.53
Stddev	.4331	.067	1.81
%RSD	49.46	3.584	4.253

#1	.5561	1.806	40.49
#2	.7024	1.939	43.14
#3	1.369	1.891	43.95

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2519.5	39472.	5573.7
Stddev	5.8	131.	5.5
%RSD	.23204	.33130	.09802

#1	2522.6	39384.	5576.3
#2	2523.3	39622.	5577.3
#3	2512.8	39410.	5567.4

Sample Name: 460-31448-e-19-c ms@ Acquired: 9/23/2011 20:53:21 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11850.	882.6	21.96	1008.	24.34	10920.
Stddev	60.	4.1	1.08	2.	.09	34.
%RSD	.5034	.4675	4.926	.2173	.3496	.3113
#1	11840.	878.5	20.75	1006.	24.34	10890.
#2	11800.	882.5	22.29	1010.	24.26	10910.
#3	11920.	886.8	22.84	1009.	24.43	10960.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.12	249.1	110.9	132.2	28580.	9716.
Stddev	.22	1.0	.4	.8	89.	7.
%RSD	.9104	.3837	.4000	.6273	.3122	.0738
#1	23.87	248.0	111.2	132.3	28530.	9713.
#2	24.22	249.5	111.2	131.3	28680.	9711.
#3	24.28	249.7	110.4	133.0	28520.	9724.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-19-c ms@ Acquired: 9/23/2011 20:53:21 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9631.	268.0	9491.	254.0	261.9	183.5
Stddev	26.	.3	23.	.4	1.7	1.1
%RSD	.2660	.1038	.2426	.1507	.6445	.6233
#1	9614.	267.9	9471.	253.7	260.0	184.8
#2	9661.	268.3	9487.	254.4	263.2	182.6
#3	9619.	267.8	9516.	254.0	262.4	183.2

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	872.0	1018.	255.6	253.3	236.5	236.9
Stddev	1.7	3.	.2	.6	1.8	.7
%RSD	.1935	.3053	.0905	.2557	.7444	.3097
#1	871.2	1020.	255.5	252.6	234.9	236.4
#2	873.9	1020.	255.9	253.5	236.2	237.8
#3	870.8	1014.	255.4	253.9	238.4	236.6

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Sample Name: 460-31448-e-19-c ms@ Acquired: 9/23/2011 20:53:21 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	238.5	250.8	418.0
Stddev	1.3	.7	2.9
%RSD	.5438	.2764	.6836

#1	237.3	251.1	414.9
#2	239.9	250.0	420.5
#3	238.4	251.3	418.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2450.2	38173.	5505.3
Stddev	1.0	34.	17.7
%RSD	.03987	.08853	.32063

#1	2450.8	38154.	5521.3
#2	2450.7	38152.	5508.2
#3	2449.1	38212.	5486.4

Sample Name: pds 460-31448-e-19-a Acquired: 9/23/2011 20:56:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6290.	1802.	43.20	1945.	47.55	20720.
Stddev	41.	5.	.23	5.	.24	67.
%RSD	.6446	.2864	.5303	.2816	.5012	.3251

#1	6270.	1806.	43.11	1949.	47.81	20790.
#2	6264.	1802.	43.03	1946.	47.35	20720.
#3	6337.	1796.	43.46	1939.	47.47	20650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.13	488.4	209.1	248.2	36340.	18640.
Stddev	.11	1.5	.8	5.5	114.	59.
%RSD	.2198	.3035	.4015	2.209	.3129	.3176

#1	48.25	489.3	210.0	253.7	36210.	18710.
#2	48.06	489.2	208.9	242.8	36430.	18610.
#3	48.09	486.7	208.3	248.0	36370.	18610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31448-e-19-a Acquired: 9/23/2011 20:56:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18530.	512.8	18620.	496.6	504.9	447.4
Stddev	50.	.8	55.	.7	3.3	5.0
%RSD	.2703	.1650	.2937	.1360	.6458	1.120

#1	18550.	513.0	18690.	497.2	505.6	448.0
#2	18570.	513.5	18590.	496.8	507.8	452.0
#3	18480.	511.9	18590.	495.9	501.4	442.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1765.	1994.	488.8	489.5	509.8	479.1
Stddev	7.	6.	1.8	1.6	.6	2.4
%RSD	.4082	.3236	.3633	.3182	.1151	.5072

#1	1773.	1992.	489.2	490.3	510.4	480.7
#2	1765.	2001.	490.3	490.6	509.8	480.3
#3	1758.	1988.	486.9	487.7	509.2	476.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31448-e-19-a Acquired: 9/23/2011 20:56:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	477.5	478.9	728.6
Stddev	2.2	1.3	2.6
%RSD	.4646	.2626	.3618

#1	478.6	480.4	728.9
#2	478.9	478.1	731.0
#3	474.9	478.2	725.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2426.4	37655.	5488.8
Stddev	6.0	34.	23.9
%RSD	.24733	.09055	.43484

#1	2432.9	37637.	5484.0
#2	2425.4	37694.	5467.6
#3	2421.0	37634.	5514.6

Sample Name: 460-31448-d-7-a@4 Acquired: 9/23/2011 21:00:28 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5690.	3.914	-.5886	11.65	.1684	1016.
Stddev	26.	2.108	.3722	.18	.0808	23.
%RSD	.4576	53.85	63.23	1.586	47.98	2.285

#1	5720.	1.570	-.8386	11.57	.1848	1010.
#2	5678.	5.653	-.7664	11.86	.0806	995.7
#3	5672.	4.519	-.1609	11.52	.2397	1041.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0714	.5787	28.62	4.965	6996.	1701.
Stddev	.0369	.2059	.21	3.714	26.	29.
%RSD	51.70	35.59	.7509	74.79	.3787	1.715

#1	.1138	.6050	28.62	.7783	6988.	1678.
#2	.0467	.3609	28.41	6.257	7025.	1690.
#3	.0537	.7702	28.84	7.861	6974.	1734.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-7-a@4 Acquired: 9/23/2011 21:00:28 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	703.4	15.05	63.49	1.394	52.77	1.289
Stddev	3.1	.03	14.74	.308	.46	1.075
%RSD	.4371	.1804	23.22	22.12	.8775	83.42

#1	705.5	15.03	59.28	1.750	52.51	1.034
#2	704.8	15.06	51.31	1.228	53.31	2.469
#3	699.9	15.08	79.87	1.205	52.50	.3638

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.275	-1.454	25.37	7.416	10.81	1.966
Stddev	1.381	1.570	.64	.237	1.01	.120
%RSD	108.3	108.0	2.542	3.193	9.305	6.097

#1	2.641	-.7771	26.11	7.183	11.25	1.914
#2	-.1204	-3.249	24.95	7.407	11.53	1.881
#3	1.306	-.3363	25.04	7.657	9.664	2.103

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-7-a@4 Acquired: 9/23/2011 21:00:28 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.340	11.35	326.7
Stddev	.615	.09	2.3
%RSD	26.27	.7556	.7130

#1	1.659	11.26	324.7
#2	2.854	11.38	329.2
#3	2.509	11.43	326.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2500.9	39424.	5554.4
Stddev	.6	92.	33.3
%RSD	.02375	.23230	.59941

#1	2500.8	39330.	5516.8
#2	2501.5	39513.	5580.2
#3	2500.3	39429.	5566.3

Sample Name: 460-31448-d-8-a@4 Acquired: 9/23/2011 21:04:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5520.	1.363	-.5898	17.48	.0382	973.8
Stddev	33.	2.227	.1082	.20	.1386	12.9
%RSD	.6023	163.4	18.34	1.120	363.0	1.321

#1	5554.	-.8120	-.6926	17.60	-.0652	974.5
#2	5487.	1.263	-.4769	17.59	-.0159	960.6
#3	5518.	3.639	-.5999	17.25	.1956	986.3

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	.0708	.4130	24.42	6.231	6127.	1785.
Stddev	.0900	.1276	.28	3.914	12.	3.
%RSD	127.2	30.90	1.129	62.82	.2023	.1643

#1	-.0329	.5293	24.62	10.69	6129.	1788.
#2	.1285	.4332	24.53	3.348	6138.	1782.
#3	.1168	.2765	24.11	4.659	6113.	1786.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-8-a@4 Acquired: 9/23/2011 21:04:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	600.8	12.94	52.91	.9567	7.805	.9714
Stddev	4.0	.05	9.01	.1024	.752	1.992
%RSD	.6585	.4218	17.03	10.70	9.632	205.0

#1	602.4	13.00	60.87	1.030	8.243	-.1118
#2	603.8	12.91	54.73	1.0000	8.234	-.2439
#3	596.3	12.91	43.13	.8398	6.937	3.270

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.870	-.5583	20.68	10.82	12.00	1.481
Stddev	1.808	2.081	.15	.12	.65	.213
%RSD	96.65	372.7	.7178	1.148	5.454	14.35

#1	2.514	-.8731	20.83	10.87	12.73	1.237
#2	-.1711	1.662	20.69	10.68	11.83	1.581
#3	3.268	-2.464	20.54	10.91	11.45	1.626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-8-a@4 Acquired: 9/23/2011 21:04:16 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.517	9.076	297.4
Stddev	.561	.158	1.7
%RSD	22.29	1.737	.5726

#1	2.994	9.228	296.9
#2	2.658	8.913	296.0
#3	1.899	9.086	299.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2502.1	39349.	5545.4
Stddev	4.2	209.	26.1
%RSD	.16850	.53201	.46996

#1	2503.9	39126.	5523.5
#2	2497.3	39380.	5574.2
#3	2505.1	39541.	5538.5

Sample Name: 460-31448-d-9-a@4 Acquired: 9/23/2011 21:08:05 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10120.	36.28	-.2928	136.5	.2905	1656.
Stddev	22.	.43	1.020	.3	.0917	14.
%RSD	.2126	1.196	348.3	.2205	31.58	.8315

#1	10140.	35.87	-1.465	136.7	.3011	1662.
#2	10100.	36.73	.3894	136.6	.3764	1640.
#3	10110.	36.23	.1973	136.1	.1939	1666.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6753	2.513	32.38	46.71	43140.	1099.
Stddev	.1048	.277	.36	2.35	116.	24.
%RSD	15.53	11.04	1.114	5.026	.2682	2.163

#1	.5542	2.287	32.15	44.01	43270.	1125.
#2	.7369	2.430	32.79	47.93	43040.	1092.
#3	.7347	2.823	32.19	48.20	43120.	1079.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-9-a@4 Acquired: 9/23/2011 21:08:05 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	647.8	83.74	1105.	6.290	478.1	-2.460
Stddev	6.7	.21	3.	.687	2.1	.052
%RSD	1.039	.2501	.2985	10.92	.4367	2.099

#1	647.2	83.98	1107.	6.585	478.9	-2.439
#2	654.7	83.63	1105.	6.780	479.6	-2.422
#3	641.3	83.61	1101.	5.504	475.7	-2.519

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.553	-.3496	42.49	360.9	8.672	1.987
Stddev	5.034	.7799	.23	.8	.642	.283
%RSD	197.2	223.1	.5383	.2275	7.406	14.24

#1	7.557	.5002	42.60	361.2	8.327	1.937
#2	-2.511	-1.032	42.63	361.5	9.413	2.291
#3	2.614	-.5165	42.22	360.0	8.276	1.732

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-9-a@4 Acquired: 9/23/2011 21:08:05 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.745	18.99	252.0
Stddev	.615	.07	2.0
%RSD	10.71	.3947	.7855

#1	6.224	19.01	251.1
#2	5.960	19.06	250.6
#3	5.051	18.91	254.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2496.1	39086.	5557.1
Stddev	7.9	93.	11.4
%RSD	.31796	.23688	.20459

#1	2491.2	39014.	5553.6
#2	2505.3	39190.	5547.9
#3	2492.0	39054.	5569.8

Sample Name: CCV Acquired: 9/23/2011 21:11:49 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2509.	1229.	10220.	1007.	128300.
Stddev	244.	7.	3.	12.	1.	179.
%RSD	.1928	.2922	.2787	.1183	.1160	.1393

#1	126700.	2504.	1226.	10210.	1007.	128200.
#2	126600.	2506.	1233.	10230.	1007.	128500.
#3	126200.	2518.	1229.	10230.	1005.	128200.

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	1283.	2531.	5031.	12620.	99940.	50400.
Stddev	1.	1.	10.	21.	313.	101.
%RSD	.1038	.0556	.2013	.1649	.3128	.2011

#1	1281.	2530.	5021.	12630.	99680.	50400.
#2	1283.	2533.	5042.	12620.	100300.	50510.
#3	1284.	2531.	5031.	12590.	99850.	50300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 21:11:49 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	5137.	123900.	2564.	7664.	1021.
Stddev	236.	9.	176.	2.	9.	1.
%RSD	.1894	.1796	.1419	.0874	.1173	.1250

#1	124500.	5126.	124000.	2561.	7654.	1020.
#2	125000.	5140.	124000.	2565.	7672.	1022.
#3	124800.	5144.	123700.	2566.	7666.	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2465.	2566.	2475.	2538.	1012.	2558.
Stddev	11.	4.	5.	1.	2.	3.
%RSD	.4302	.1564	.2001	.0329	.2263	.1050

#1	2454.	2565.	2470.	2537.	1009.	2559.
#2	2468.	2570.	2480.	2539.	1013.	2560.
#3	2475.	2562.	2476.	2537.	1013.	2555.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 21:11:49 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1013.	5095.	9980.
Stddev	3.	7.	20.
%RSD	.3033	.1309	.1976

#1	1012.	5089.	9979.
#2	1017.	5102.	10000.
#3	1011.	5093.	9960.

Check ?	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	2289.4	35670.	5408.3
Stddev	8.3	183.	11.6
%RSD	.36423	.51165	.21501

#1	2297.4	35868.	5417.1
#2	2290.0	35633.	5395.1
#3	2280.8	35509.	5412.7

Sample Name: CCB Acquired: 9/23/2011 21:15:17 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.556	-1.574	-.0456	.1234	.0121	10.08
Stddev	8.953	.725	.4075	.1539	.1542	11.80
%RSD	136.6	46.05	893.0	124.8	1270.	117.1

#1	16.72	-1.930	.1672	.2979	.1627	21.70
#2	3.133	-.7398	.2114	.0071	.0192	10.42
#3	-.1815	-2.051	-.5155	.0651	-.1455	-1.888

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0907	.2651	-.1212	-1.835	11.05	143.8
Stddev	.0631	.0944	.3964	1.243	4.39	49.9
%RSD	69.53	35.62	327.1	67.72	39.77	34.70

#1	.1178	.2797	-.5461	-.4205	14.43	179.1
#2	.1357	.1642	-.0560	-2.751	6.083	165.6
#3	.0186	.3513	.2386	-2.334	12.64	86.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 21:15:17 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.104	.0980	-1.155	.2702	.8100	2.260
Stddev	2.902	.0508	6.508	.3592	1.085	.728
%RSD	93.51	51.85	563.4	132.9	134.0	32.21

#1	6.303	.1564	.3321	-.0865	1.601	2.475
#2	2.367	.0727	-8.278	.2654	1.257	2.857
#3	.6407	.0647	4.481	.6318	-.4275	1.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.665	.1857	.5661	.7511	2.191	4.330
Stddev	1.747	.6714	.2446	.2193	.218	.423
%RSD	65.54	361.6	43.22	29.19	9.941	9.770

#1	4.552	.9583	.6628	.9663	1.972	4.623
#2	2.336	-.2565	.7475	.7589	2.194	4.522
#3	1.106	-.1447	.2878	.5280	2.408	3.845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 21:15:17 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.032	.2397	.9567
Stddev	.441	.1193	2.722
%RSD	42.70	49.79	284.5

#1	1.498	.2836	-2.046
#2	.6221	.1046	1.655
#3	.9760	.3309	3.261

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2469.8	39009.	5444.9
Stddev	1.4	10.	16.8
%RSD	.05705	.02640	.30773

#1	2469.3	39000.	5441.8
#2	2468.7	39021.	5429.9
#3	2471.4	39007.	5463.0

Sample Name: 460-31448-e-11-a@4 Acquired: 9/23/2011 21:19:11 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13590.	6.657	-.6351	220.5	.5147	5851.
Stddev	42.	1.604	.9389	.9	.0871	10.
%RSD	.3104	24.09	147.8	.3973	16.93	.1790

#1	13610.	7.947	.4402	220.9	.6039	5861.
#2	13620.	4.861	-1.293	221.0	.5104	5853.
#3	13550.	7.162	-1.053	219.5	.4298	5840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1586	1.786	26.17	18.43	19470.	823.3
Stddev	.0442	.127	.48	1.90	59.	26.8
%RSD	27.83	7.096	1.852	10.32	.3049	3.255

#1	.1102	1.850	25.81	16.86	19490.	802.5
#2	.1966	1.869	26.73	17.89	19530.	853.6
#3	.1691	1.640	25.98	20.54	19410.	813.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-11-a@4 Acquired: 9/23/2011 21:19:11 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	855.2	64.63	200.1	4.663	619.9	-.9514
Stddev	3.3	.16	11.3	.410	1.8	.9160
%RSD	.3811	.2484	5.655	8.796	.2883	96.28

#1	853.2	64.72	203.1	4.390	621.3	-.9047
#2	859.0	64.73	209.7	5.134	620.4	-1.890
#3	853.5	64.45	187.6	4.464	617.9	-.0597

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.317	-2.488	28.52	156.8	9.482	1.901
Stddev	1.538	.492	.37	.4	.556	.139
%RSD	66.38	19.78	1.287	.2309	5.868	7.308

#1	2.676	-2.321	28.29	157.0	9.882	1.750
#2	.6310	-2.102	28.94	157.1	8.847	2.023
#3	3.644	-3.042	28.33	156.4	9.718	1.930

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-11-a@4 Acquired: 9/23/2011 21:19:11 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	9.222	56.49	210.4
Stddev	.698	.23	3.5
%RSD	7.569	.4157	1.682

#1	9.024	56.51	207.3
#2	9.998	56.71	214.3
#3	8.645	56.24	209.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2501.1	39475.	5572.8
Stddev	3.3	118.	25.3
%RSD	.13197	.29999	.45424

#1	2503.2	39431.	5546.6
#2	2497.3	39385.	5574.7
#3	2502.9	39610.	5597.2

Sample Name: 460-31448-d-12-a@4 Acquired: 9/23/2011 21:22:54 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6390.	4.295	-.7039	14.21	.1424	1283.
Stddev	23.	.603	.4035	.10	.0641	12.
%RSD	.3631	14.03	57.32	.7098	45.00	.9684

#1	6365.	3.603	-.8918	14.30	.0808	1271.
#2	6412.	4.706	-.9792	14.10	.1378	1282.
#3	6393.	4.575	-.2407	14.24	.2087	1296.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0120	.5562	30.14	6.892	6464.	1822.
Stddev	.0641	.1757	.24	2.508	32.	28.
%RSD	533.3	31.59	.8117	36.38	.5008	1.551

#1	-.0140	.6342	30.19	4.182	6427.	1797.
#2	-.0349	.6793	30.36	7.363	6483.	1853.
#3	.0850	.3550	29.88	9.131	6483.	1818.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-12-a@4 Acquired: 9/23/2011 21:22:54 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	694.8	13.87	147.5	1.563	29.16	-1.864
Stddev	.9	.08	13.6	.317	1.71	1.427
%RSD	.1251	.6034	9.184	20.26	5.849	76.54

#1	693.9	13.85	159.1	1.516	29.02	-.2997
#2	695.1	13.80	132.6	1.273	30.93	-2.199
#3	695.5	13.96	150.8	1.901	27.52	-3.093

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.977	-1.679	26.81	8.033	11.97	2.934
Stddev	3.247	1.285	.15	.186	.79	.262
%RSD	81.64	76.58	.5465	2.315	6.591	8.921

#1	7.716	-.8276	26.97	8.227	12.71	2.632
#2	1.871	-3.157	26.80	7.856	11.14	3.091
#3	2.344	-1.051	26.67	8.016	12.05	3.080

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-12-a@4 Acquired: 9/23/2011 21:22:54 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.872	12.58	337.7
Stddev	.115	.18	4.4
%RSD	6.150	1.438	1.313

#1	1.810	12.55	334.5
#2	2.005	12.41	342.7
#3	1.801	12.77	335.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.2	39274.	5550.9
Stddev	3.0	56.	2.5
%RSD	.11850	.14174	.04536

#1	2495.3	39212.	5551.7
#2	2501.3	39291.	5548.1
#3	2498.0	39319.	5552.9

Sample Name: 460-31448-d-13-a@4 Acquired: 9/23/2011 21:26:42 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6914.	5.062	-4598	18.49	1868	1080.
Stddev	25.	2.327	.2634	.14	.0719	18.
%RSD	.3579	45.97	57.27	.7745	38.51	1.634

#1	6937.	5.730	-.3392	18.64	.1166	1061.
#2	6887.	6.983	-.2784	18.36	.1835	1084.
#3	6917.	2.474	-.7619	18.45	.2604	1095.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-0528	3592	34.99	6.757	8621.	2216.
Stddev	.1839	.4008	.37	2.214	30.	49.
%RSD	348.1	111.6	1.067	32.77	.3443	2.229

#1	-.2251	.5090	35.41	6.361	8648.	2253.
#2	.1408	-.0949	34.70	4.768	8627.	2160.
#3	-.0742	.6635	34.87	9.143	8589.	2236.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-13-a@4 Acquired: 9/23/2011 21:26:42 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	728.6	14.16	75.83	1.353	10.45	-1.848
Stddev	3.7	.13	8.55	.387	.47	1.992
%RSD	.5028	.9190	11.28	28.60	4.544	107.8

#1	732.6	14.07	80.94	.9660	10.68	-3.446
#2	728.0	14.31	65.96	1.740	9.902	-2.482
#3	725.4	14.11	80.60	1.354	10.77	.3837

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2112	-2.326	39.42	11.01	13.17	2.158
Stddev	.9047	.757	.48	.17	.33	.210
%RSD	428.4	32.57	1.229	1.517	2.510	9.718

#1	-.8190	-1.531	39.02	11.19	13.34	2.007
#2	.5765	-2.406	39.96	10.97	13.38	2.069
#3	.8760	-3.040	39.28	10.87	12.79	2.397

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-d-13-a@4 Acquired: 9/23/2011 21:26:42 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.434	10.95	314.8
Stddev	.244	.08	2.8
%RSD	10.03	.7589	.8964

#1	2.525	10.87	315.2
#2	2.619	11.04	317.4
#3	2.158	10.95	311.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2496.1	39357.	5536.5
Stddev	1.6	79.	15.4
%RSD	.06399	.20168	.27726

#1	2494.4	39280.	5547.4
#2	2497.6	39439.	5543.0
#3	2496.3	39352.	5518.9

Sample Name: 460-31448-e-14-a@4 Acquired: 9/23/2011 21:30:29 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8434.	4.597	-.8894	32.16	.2304	2303.
Stddev	15.	.691	.7443	.16	.1179	11.
%RSD	.1793	15.03	83.68	.5120	51.18	.4780

#1	8424.	3.873	-.7983	32.19	.3109	2294.
#2	8428.	4.668	-1.675	32.31	.2853	2299.
#3	8452.	5.250	-.1949	31.99	.0950	2315.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0141	.8642	33.69	10.84	9817.	1229.
Stddev	.1149	.0867	.33	.58	50.	37.
%RSD	817.5	10.03	.9929	5.389	.5072	3.016

#1	.0001	.7964	34.05	11.43	9784.	1271.
#2	.1353	.9619	33.60	10.26	9875.	1218.
#3	-.0932	.8344	33.40	10.81	9794.	1199.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-14-a@4 Acquired: 9/23/2011 21:30:29 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	716.2	16.26	289.7	3.163	100.5	-1.890
Stddev	1.2	.13	6.3	.150	.2	1.654
%RSD	.1675	.8069	2.158	4.742	.2123	87.51

#1	717.5	16.32	293.3	3.246	100.6	.0185
#2	715.9	16.35	282.5	2.990	100.3	-2.904
#3	715.2	16.11	293.3	3.253	100.7	-2.784

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.822	-3.293	34.97	23.93	8.531	2.285
Stddev	1.836	1.266	.07	.29	.488	.107
%RSD	650.6	38.43	.1897	1.207	5.718	4.683

#1	1.836	-4.630	35.00	24.02	9.093	2.407
#2	-1.270	-3.137	35.02	24.16	8.213	2.242
#3	-1.413	-2.114	34.89	23.60	8.288	2.206

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-e-14-a@4 Acquired: 9/23/2011 21:30:29 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.876	18.26	256.5
Stddev	.762	.19	1.7
%RSD	26.49	1.018	.6514

#1	3.211	18.47	257.5
#2	3.413	18.20	254.6
#3	2.004	18.12	257.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2504.0	39414.	5552.4
Stddev	5.8	118.	32.6
%RSD	.23295	.30058	.58795

#1	2508.3	39300.	5569.6
#2	2497.4	39536.	5573.0
#3	2506.3	39407.	5514.8

Sample Name: 460-31448-b-17-a@4 Acquired: 9/23/2011 21:34:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20400.	16.20	.0162	160.8	.6159	8759.
Stddev	25.	1.36	.6550	.6	.0665	22.
%RSD	.1229	8.403	4037.	.3952	10.81	.2535

#1	20390.	17.43	.7686	161.1	.5963	8737.
#2	20380.	16.42	-.4269	161.2	.6900	8757.
#3	20430.	14.74	-.2930	160.1	.5613	8782.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3214	8.660	54.79	58.20	37970.	2336.
Stddev	.0758	.502	.34	3.15	113.	31.
%RSD	23.57	5.801	.6116	5.416	.2978	1.308

#1	.2678	9.010	54.81	60.47	38080.	2315.
#2	.4081	8.885	55.11	54.60	37970.	2371.
#3	.2884	8.084	54.44	59.54	37860.	2321.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-17-a@4 Acquired: 9/23/2011 21:34:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5032.	231.5	2205.	26.21	486.2	-3.418
Stddev	13.	.2	10.	.05	2.6	.911
%RSD	.2588	.0809	.4317	.2007	.5384	26.67

#1	5042.	231.6	2207.	26.27	487.6	-4.450
#2	5038.	231.6	2195.	26.17	487.8	-3.079
#3	5017.	231.3	2214.	26.19	483.2	-2.725

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.881	-1.638	111.4	196.8	35.94	1.877
Stddev	.526	2.453	.8	1.3	.39	.354
%RSD	18.25	149.7	.7062	.6647	1.089	18.89

#1	2.279	-5.934	111.9	197.7	36.21	1.577
#2	3.118	-4.441	111.9	197.4	36.12	2.268
#3	3.247	.1185	110.5	195.3	35.49	1.786

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-17-a@4 Acquired: 9/23/2011 21:34:16 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.664	64.80	758.4
Stddev	.518	.08	2.5
%RSD	6.754	.1235	.3351

#1	7.118	64.71	761.3
#2	7.726	64.82	756.5
#3	8.147	64.86	757.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2505.8	39479.	5610.4
Stddev	3.1	59.	16.8
%RSD	.12259	.14929	.29941

#1	2504.4	39490.	5593.0
#2	2503.7	39531.	5626.5
#3	2509.4	39415.	5611.7

Sample Name: 460-31448-b-18-a@4 Acquired: 9/23/2011 21:37:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9691.	19.77	-.2297	371.3	1.107	10370.
Stddev	16.	1.00	.5779	1.3	.095	44.
%RSD	.1686	5.077	251.6	.3453	8.607	.4222

#1	9688.	18.64	.4349	371.5	1.019	10370.
#2	9709.	20.09	-.6137	372.5	1.093	10410.
#3	9676.	20.57	-.5105	369.9	1.208	10320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.086	6.902	21.69	78.67	18670.	939.3
Stddev	.022	.340	.19	.94	48.	13.1
%RSD	.7115	4.925	.8824	1.189	.2547	1.393

#1	3.062	7.283	21.91	77.74	18610.	952.7
#2	3.105	6.630	21.56	79.61	18700.	926.5
#3	3.092	6.792	21.59	78.65	18690.	938.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-18-a@4 Acquired: 9/23/2011 21:37:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	81.46	1539.	24.61	1253.	1.135
Stddev	5.	.22	9.	.14	3.	.725
%RSD	.4327	.2664	.5591	.5504	.2400	63.85

#1	1250.	81.71	1548.	24.77	1252.	1.387
#2	1254.	81.40	1533.	24.53	1256.	.3178
#3	1261.	81.29	1535.	24.54	1250.	1.700

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.627	-1.161	44.06	1284.	25.88	2.992
Stddev	2.030	.717	.29	1.	.73	.490
%RSD	55.97	61.77	.6653	.1104	2.834	16.38

#1	5.820	-.3904	44.33	1284.	25.41	2.782
#2	1.813	-1.809	44.09	1285.	26.73	2.641
#3	3.248	-1.283	43.75	1282.	25.51	3.552

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-18-a@4 Acquired: 9/23/2011 21:37:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	16.08	122.2	320.2
Stddev	.39	.5	2.2
%RSD	2.402	.4308	.6740

#1	16.12	122.3	322.3
#2	16.45	122.7	320.4
#3	15.68	121.7	318.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2518.6	39757.	5637.2
Stddev	1.9	106.	13.4
%RSD	.07360	.26774	.23757

#1	2516.5	39822.	5647.9
#2	2519.3	39634.	5622.2
#3	2520.0	39815.	5641.5

Sample Name: 460-31448-b-20-b@4 Acquired: 9/23/2011 21:41:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8658.	26.12	-.5217	349.4	1.138	6616.
Stddev	23.	1.54	.1838	1.2	.051	14.
%RSD	.2687	5.894	35.23	.3502	4.507	.2110

#1	8678.	27.65	-.3095	349.8	1.080	6612.
#2	8663.	24.57	-.6254	350.5	1.178	6605.
#3	8632.	26.15	-.6303	348.1	1.155	6632.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8749	10.80	11.35	87.26	19520.	759.3
Stddev	.0637	.27	.34	4.70	49.	14.0
%RSD	7.286	2.477	3.028	5.391	.2496	1.840

#1	.8895	11.00	10.95	82.70	19530.	752.5
#2	.9301	10.90	11.55	86.98	19570.	750.1
#3	.8051	10.49	11.55	92.09	19470.	775.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-20-b@4 Acquired: 9/23/2011 21:41:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	382.8	154.6	682.8	19.83	110.0	-1.038
Stddev	2.1	.4	13.3	.06	1.0	1.425
%RSD	.5615	.2480	1.943	.3255	.9093	137.3

#1	383.2	154.9	689.8	19.90	109.1	-1.201
#2	384.7	154.6	691.1	19.79	109.8	.4621
#3	380.5	154.2	667.5	19.79	111.1	-2.374

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.810	-1.349	60.95	203.7	3.295	9.839
Stddev	1.157	.024	.72	.8	1.018	.144
%RSD	63.90	1.811	1.175	.3922	30.90	1.464

#1	2.787	-1.359	61.71	204.0	2.158	9.966
#2	2.112	-1.366	60.85	204.3	4.124	9.868
#3	.5327	-1.321	60.29	202.8	3.602	9.682

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-20-b@4 Acquired: 9/23/2011 21:41:39 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.581	137.1	166.9
Stddev	.373	.2	.8
%RSD	10.41	.1607	.4563

#1	3.461	137.3	167.0
#2	3.284	136.8	166.1
#3	4.000	137.1	167.7

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2528.9	39779.	5618.6
Stddev	3.6	112.	15.6
%RSD	.14316	.28245	.27750

#1	2532.4	39682.	5610.6
#2	2525.1	39902.	5636.6
#3	2529.1	39753.	5608.6

Sample Name: 460-31448-b-21-b@4 Acquired: 9/23/2011 21:45:22 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13530.	5.268	-.7763	48.34	.5027	4033.
Stddev	54.	2.680	.6160	.30	.0228	8.
%RSD	.3989	50.87	79.35	.6140	4.542	.2070

#1	13510.	3.772	-.4138	48.49	.5102	4040.
#2	13590.	3.670	-1.488	48.53	.5208	4036.
#3	13490.	8.362	-.4276	48.00	.4770	4024.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0886	2.799	46.99	23.69	26050.	1764.
Stddev	.0830	.175	.45	2.50	53.	27.
%RSD	93.70	6.265	.9504	10.56	.2015	1.520

#1	.0445	2.681	47.24	26.37	25990.	1760.
#2	.0369	3.000	47.25	23.31	26090.	1793.
#3	.1843	2.715	46.47	21.41	26070.	1739.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-21-b@4 Acquired: 9/23/2011 21:45:22 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1542.	71.63	1234.	7.969	76.19	-.6567
Stddev	4.	.08	10.	.233	1.14	.4840
%RSD	.2423	.1089	.7774	2.921	1.497	73.70

#1	1545.	71.65	1242.	8.110	75.42	-1.107
#2	1538.	71.55	1223.	8.096	77.50	-.1449
#3	1544.	71.70	1238.	7.700	75.65	-.7183

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8796	.2361	46.24	70.07	14.68	1.065
Stddev	3.225	1.704	.31	.21	.58	.293
%RSD	366.6	721.8	.6710	.2976	3.928	27.50

#1	-4.352	-1.479	46.05	70.27	14.20	.9693
#2	2.022	.2589	46.60	70.08	14.52	.8313
#3	-.3088	1.929	46.07	69.86	15.32	1.393

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-21-b@4 Acquired: 9/23/2011 21:45:22 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.913	41.97	337.5
Stddev	.659	.15	3.5
%RSD	22.62	.3558	1.048

#1	3.502	42.00	340.4
#2	3.034	42.09	338.6
#3	2.202	41.80	333.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2499.5	39165.	5554.4
Stddev	6.4	48.	19.4
%RSD	.25412	.12346	.34908

#1	2506.8	39115.	5555.6
#2	2496.2	39212.	5534.4
#3	2495.4	39168.	5573.1

Sample Name: 460-31448-b-22-b@4 Acquired: 9/23/2011 21:49:08 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11050.	5.920	-.9484	98.41	.2585	16790.
Stddev	21.	1.287	.1503	.17	.1875	20.
%RSD	.1930	21.74	15.85	.1764	72.56	.1161

#1	11060.	4.474	-1.112	98.22	.4734	16770.
#2	11050.	6.939	-.9176	98.56	.1745	16800.
#3	11020.	6.346	-.8158	98.45	.1276	16800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4974	7.404	39.32	76.93	23290.	1386.
Stddev	.0530	.286	.18	1.74	14.	11.
%RSD	10.66	3.859	.4513	2.259	.0591	.7636

#1	.5000	7.534	39.22	78.73	23300.	1380.
#2	.5490	7.076	39.21	76.79	23270.	1380.
#3	.4431	7.601	39.52	75.26	23290.	1398.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-22-b@4 Acquired: 9/23/2011 21:49:08 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3062.	147.2	471.7	20.01	134.4	-1.406
Stddev	4.	.3	10.6	.46	.4	1.767
%RSD	.1164	.1844	2.250	2.292	.2968	125.6

#1	3058.	147.3	474.2	20.07	134.3	-1.872
#2	3065.	147.5	480.8	20.44	134.9	-2.894
#3	3064.	146.9	460.0	19.53	134.1	.5464

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9171	-2.091	89.31	186.2	16.06	1.708
Stddev	2.889	.861	.31	.5	.58	.416
%RSD	315.0	41.15	.3501	.2758	3.623	24.35

#1	2.829	-2.040	89.12	186.6	16.41	1.369
#2	-2.406	-2.976	89.14	186.3	16.39	1.583
#3	2.328	-1.257	89.67	185.6	15.39	2.172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31448-b-22-b@4 Acquired: 9/23/2011 21:49:08 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.633	79.25	503.6
Stddev	.398	.47	2.6
%RSD	8.596	.5868	.5189

#1	4.958	78.79	503.1
#2	4.189	79.72	506.5
#3	4.751	79.25	501.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2501.4	39266.	5575.1
Stddev	3.6	149.	9.4
%RSD	.14306	.38054	.16932

#1	2503.9	39358.	5567.9
#2	2497.3	39093.	5571.7
#3	2502.9	39345.	5585.8

Sample Name: 460-31391-a-2-c@4 Acquired: 9/23/2011 21:52:52 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20820.	39.75	-.9545	127.9	1.206	8428.
Stddev	11.	1.15	.6921	.5	.044	12.
%RSD	.0540	2.885	72.52	.3882	3.678	.1453

#1	20820.	41.05	-.7015	128.4	1.200	8428.
#2	20810.	39.30	-1.738	128.0	1.165	8440.
#3	20830.	38.90	-.4244	127.4	1.253	8416.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.419	7.842	37.60	56.48	31200.	1494.
Stddev	.172	.540	.90	1.18	59.	54.
%RSD	5.020	6.889	2.386	2.091	.1877	3.614

#1	3.503	7.219	38.57	56.57	31220.	1504.
#2	3.532	8.125	36.80	57.61	31240.	1435.
#3	3.221	8.182	37.45	55.25	31130.	1542.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-2-c@4 Acquired: 9/23/2011 21:52:52 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2828.	267.9	836.4	19.64	1284.	6.245
Stddev	6.	.6	22.1	.26	4.	1.346
%RSD	.2000	.2412	2.643	1.305	.3150	21.55

#1	2828.	268.1	832.9	19.88	1288.	6.035
#2	2822.	267.2	816.3	19.66	1286.	5.017
#3	2833.	268.5	860.1	19.37	1280.	7.684

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.191	-1.386	77.37	142.1	8.736	1.576
Stddev	.476	.053	.39	.6	.493	.281
%RSD	9.167	3.791	.5045	.3924	5.643	17.81

#1	5.554	-1.447	76.92	142.7	8.817	1.895
#2	4.652	-1.364	77.58	141.8	9.183	1.465
#3	5.367	-1.349	77.61	141.7	8.207	1.367

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-2-c@4 Acquired: 9/23/2011 21:52:52 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	12.97	24.80	202.7
Stddev	.20	.07	2.2
%RSD	1.570	.2698	1.107

#1	13.20	24.88	205.2
#2	12.89	24.75	201.0
#3	12.82	24.77	201.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2542.3	39827.	5681.1
Stddev	3.0	99.	13.8
%RSD	.11914	.24791	.24289

#1	2538.9	39886.	5696.8
#2	2544.7	39883.	5675.8
#3	2543.2	39713.	5670.7

Sample Name: CCV Acquired: 9/23/2011 21:56:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2512.	1229.	10220.	1006.	127900.
Stddev	179.	12.	1.	22.	1.	376.
%RSD	.1417	.4972	.0420	.2197	.1165	.2944

#1	126500.	2498.	1229.	10210.	1007.	128300.
#2	126300.	2522.	1229.	10250.	1005.	127700.
#3	126600.	2515.	1228.	10210.	1005.	127600.

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	1283.	2533.	5026.	12610.	99810.	50280.
Stddev	3.	5.	10.	21.	241.	111.
%RSD	.2126	.1919	.1981	.1635	.2413	.2203

#1	1281.	2529.	5032.	12620.	99720.	50370.
#2	1286.	2538.	5031.	12590.	100100.	50320.
#3	1282.	2531.	5014.	12630.	99620.	50150.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 21:56:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5121.	123800.	2564.	7672.	1020.
Stddev	237.	15.	325.	6.	13.	4.
%RSD	.1904	.2846	.2627	.2528	.1719	.3674

#1	124600.	5133.	123900.	2562.	7662.	1020.
#2	124800.	5125.	123400.	2572.	7687.	1024.
#3	124400.	5105.	124000.	2559.	7666.	1016.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2464.	2568.	2474.	2541.	1014.	2556.
Stddev	5.	9.	4.	5.	4.	9.
%RSD	.2220	.3685	.1575	.2072	.4387	.3445

#1	2458.	2569.	2472.	2538.	1009.	2554.
#2	2466.	2576.	2479.	2547.	1018.	2565.
#3	2469.	2557.	2472.	2538.	1013.	2548.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 21:56:35 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1014.	5079.	9970.
Stddev	2.	10.	9.
%RSD	.1825	.1952	.0888

#1	1013.	5091.	9967.
#2	1016.	5074.	9964.
#3	1013.	5073.	9980.

Check ?	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	2290.1	35711.	5421.3
Stddev	2.7	21.	8.4
%RSD	.11599	.05785	.15467

#1	2292.6	35687.	5417.1
#2	2287.4	35727.	5415.8
#3	2290.4	35719.	5430.9

Sample Name: CCB Acquired: 9/23/2011 22:00:03 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.941	-2.523	-.6016	.3043	-.0075	10.29
Stddev	12.81	1.473	.3537	.1071	.0991	4.23
%RSD	143.3	58.38	58.80	35.19	1320.	41.10

#1	12.96	-1.225	-.1963	.2180	-.1208	6.463
#2	-5.399	-4.124	-.7604	.4242	.0628	14.83
#3	19.26	-2.221	-.8481	.2709	.0355	9.575

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0834	.3006	-.2364	3.172	16.17	178.8
Stddev	.0559	.2811	.1695	1.243	8.80	4.0
%RSD	67.04	93.54	71.71	39.17	54.41	2.231

#1	.1476	.6139	-.0494	4.416	6.072	175.8
#2	.0566	.2175	-.2796	1.931	20.25	177.4
#3	.0459	.0703	-.3801	3.170	22.19	183.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 22:00:03 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.226	.1710	-1.375	.2806	.1988	1.853
Stddev	3.899	.0657	16.95	.2803	1.356	2.219
%RSD	62.62	38.41	1233.	99.90	682.2	119.8
#1	10.56	.2395	-8.817	.5761	-1.245	3.153
#2	3.002	.1647	18.02	.2474	.3958	3.114
#3	5.117	.1086	-13.33	.0184	1.446	-.7091

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.988	-.7696	.4484	.8642	2.173	4.420
Stddev	2.273	1.282	.4039	.1665	.702	.088
%RSD	114.3	166.5	90.08	19.27	32.31	2.001
#1	1.024	-1.423	.5565	.9614	2.662	4.485
#2	.3566	.7071	.7873	.9593	1.368	4.455
#3	4.585	-1.593	.0014	.6719	2.489	4.319

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 22:00:03 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.435	.1938	2.973
Stddev	.779	.1041	2.462
%RSD	54.30	53.73	82.81

#1	2.253	.2918	.3702
#2	.7017	.2051	3.284
#3	1.349	.0845	5.264

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2474.0	39041.	5498.7
Stddev	.7	52.	20.5
%RSD	.02687	.13297	.37274

#1	2473.2	39081.	5504.0
#2	2474.3	38982.	5516.0
#3	2474.4	39059.	5476.0

Sample Name: 460-31303-a-7-c@4 Acquired: 9/23/2011 22:03:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41890.	23.99	-.3791	294.7	1.450	43360.
Stddev	53.	2.62	.5075	.8	.076	126.
%RSD	.1254	10.90	133.9	.2810	5.275	.2909

#1	41840.	26.98	.1802	294.7	1.496	43450.
#2	41890.	22.09	-.5074	295.5	1.361	43400.
#3	41950.	22.90	-.8101	293.8	1.492	43210.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9663	42.32	99.04	178.5	67260.	2311.
Stddev	.0731	.37	.81	2.8	86.	51.
%RSD	7.560	.8716	.8211	1.588	.1279	2.224

#1	1.006	42.50	98.80	175.5	67290.	2256.
#2	1.011	42.56	99.94	181.2	67330.	2320.
#3	.8820	41.90	98.37	178.9	67170.	2358.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-7-c@4 Acquired: 9/23/2011 22:03:57 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19550.	1849.	1114.	83.30	447.9	-2.653
Stddev	30.	7.	16.	.49	.3	1.856
%RSD	.1544	.3844	1.399	.5917	.0767	69.94

#1	19590.	1852.	1132.	83.67	448.2	-3.353
#2	19550.	1854.	1102.	83.50	447.5	-4.057
#3	19530.	1841.	1108.	82.74	448.0	-.5495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.219	-2.341	118.3	374.8	48.68	.8220
Stddev	1.868	.558	.0	.9	.53	.2059
%RSD	153.2	23.83	.0239	.2339	1.094	25.05

#1	-2.949	-2.945	118.4	374.2	48.08	1.039
#2	.7620	-2.232	118.3	375.8	48.83	.6294
#3	-1.471	-1.845	118.3	374.4	49.11	.7976

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-7-c@4 Acquired: 9/23/2011 22:03:57 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	14.69	185.7	1884.
Stddev	.70	.1	5.
%RSD	4.787	.0752	.2391

#1	13.89	185.8	1883.
#2	14.97	185.7	1890.
#3	15.22	185.6	1881.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2503.2	39103.	5662.5
Stddev	2.6	162.	16.3
%RSD	.10418	.41508	.28824

#1	2505.6	38941.	5647.3
#2	2500.4	39104.	5660.4
#3	2503.5	39265.	5679.7

Sample Name: 460-31303-a-8-c@4 Acquired: 9/23/2011 22:07:36 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49790.	19.34	4.136	386.6	1.299	39630.
Stddev	116.	.92	.330	1.9	.097	148.
%RSD	.2333	4.749	7.966	.4968	7.443	.3724

#1	49840.	18.30	4.411	387.9	1.375	39570.
#2	49870.	20.02	3.771	387.6	1.332	39800.
#3	49660.	19.71	4.226	384.4	1.190	39520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.133	53.24	99.21	1943.	95230.	1648.
Stddev	.024	.15	.53	11.	172.	20.
%RSD	2.083	.2749	.5304	.5730	.1801	1.226

#1	1.122	53.40	99.80	1936.	95290.	1672.
#2	1.161	53.13	99.04	1956.	95350.	1637.
#3	1.118	53.18	98.79	1938.	95030.	1636.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-8-c@4 Acquired: 9/23/2011 22:07:36 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31340.	1693.	2271.	120.5	590.7	-4.265
Stddev	20.	3.	5.	.4	2.0	2.167
%RSD	.0622	.1892	.2183	.3230	.3339	50.81

#1	31320.	1691.	2275.	120.9	592.8	-1.920
#2	31360.	1696.	2271.	120.6	590.4	-6.193
#3	31350.	1691.	2265.	120.1	588.9	-4.682

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.019	-4.353	168.4	499.5	149.2	.0222
Stddev	1.439	2.748	.7	1.8	.7	.0460
%RSD	141.3	63.14	.4188	.3661	.4598	206.9

#1	-2.558	-3.973	168.9	501.2	149.5	-.0270
#2	-.7908	-1.814	168.8	499.7	149.7	.0296
#3	.2932	-7.272	167.6	497.5	148.5	.0641

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-8-c@4 Acquired: 9/23/2011 22:07:36 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	25.75	153.9	4431.
Stddev	.32	.7	18.
%RSD	1.225	.4819	.4037

#1	25.95	153.5	4423.
#2	25.92	154.8	4451.
#3	25.39	153.6	4418.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2512.8	39248.	5705.6
Stddev	1.2	61.	26.8
%RSD	.04920	.15566	.47036

#1	2514.2	39293.	5704.5
#2	2511.9	39274.	5679.2
#3	2512.3	39179.	5732.9

Sample Name: 460-31303-a-9-c@4 Acquired: 9/23/2011 22:11:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38440.	14.70	-.9412	280.8	1.506	19100.
Stddev	33.	1.35	.4539	1.4	.139	64.
%RSD	.0848	9.177	48.22	.4895	9.244	.3353

#1	38400.	15.52	-1.464	279.5	1.419	19070.
#2	38440.	13.15	-.7175	282.2	1.666	19060.
#3	38470.	15.44	-.6426	280.5	1.431	19180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5132	39.99	126.1	225.7	78160.	2282.
Stddev	.0911	.31	.5	5.0	127.	26.
%RSD	17.75	.7762	.3722	2.194	.1619	1.136

#1	.6066	40.01	126.3	224.0	78270.	2255.
#2	.5086	40.29	126.5	231.3	78200.	2282.
#3	.4246	39.67	125.6	221.8	78020.	2307.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-9-c@4 Acquired: 9/23/2011 22:11:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11720.	1913.	624.8	62.89	389.3	-1.485
Stddev	40.	7.	6.1	.46	.5	1.511
%RSD	.3383	.3508	.9720	.7241	.1316	101.8

#1	11760.	1918.	622.0	63.39	389.9	-.2115
#2	11720.	1905.	620.6	62.77	388.9	-3.155
#3	11680.	1915.	631.7	62.50	389.1	-1.089

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.215	-2.477	152.7	340.2	20.09	.2662
Stddev	3.287	1.271	.5	1.6	.52	.2915
%RSD	270.4	51.32	.3171	.4846	2.586	109.5

#1	3.605	-3.708	152.8	339.4	20.38	-.0704
#2	-2.533	-2.554	153.1	342.1	20.40	.4397
#3	2.574	-1.169	152.2	339.1	19.49	.4292

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-9-c@4 Acquired: 9/23/2011 22:11:16 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	21.89	102.9	1950.
Stddev	.27	.4	4.
%RSD	1.249	.4217	.2084

#1	22.03	103.0	1948.
#2	21.58	102.5	1947.
#3	22.07	103.3	1954.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2531.7	39625.	5706.4
Stddev	.2	218.	10.5
%RSD	.00965	.55101	.18325

#1	2531.8	39419.	5698.4
#2	2531.4	39854.	5718.2
#3	2531.8	39603.	5702.6

Sample Name: 460-31303-a-10-c@4 Acquired: 9/23/2011 22:14:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45790.	28.76	-4687	372.5	1.997	40330.
Stddev	50.	1.68	.5733	1.6	.061	154.
%RSD	.1100	5.836	122.3	.4344	3.081	.3818

#1	45750.	29.10	-.2744	373.8	2.050	40260.
#2	45850.	30.25	-1.114	372.9	1.930	40230.
#3	45780.	26.94	-.0178	370.7	2.012	40510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.071	34.71	75.21	363.5	94260.	2750.
Stddev	.095	.41	.41	4.4	249.	22.
%RSD	8.860	1.190	.5507	1.215	.2642	.7963

#1	1.126	34.78	74.75	358.6	94530.	2727.
#2	1.126	35.08	75.55	364.8	94200.	2754.
#3	.9617	34.27	75.33	367.1	94040.	2770.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-10-c@4 Acquired: 9/23/2011 22:14:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16340.	2168.	1207.	69.39	629.9	-3.740
Stddev	22.	4.	5.	.88	3.6	1.341
%RSD	.1357	.1759	.4090	1.270	.5794	35.85

#1	16360.	2164.	1206.	69.79	631.3	-2.860
#2	16340.	2172.	1213.	70.00	632.7	-5.283
#3	16310.	2168.	1203.	68.38	625.8	-3.076

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-0.0969	-3.365	123.0	486.2	22.14	.8651
Stddev	4.503	1.055	.6	2.1	.43	.1546
%RSD	4645.	31.36	.5024	.4352	1.927	17.87

#1	-4.158	-2.150	123.0	487.0	22.63	.6867
#2	-.8794	-3.898	123.6	487.8	21.93	.9503
#3	4.746	-4.048	122.3	483.8	21.86	.9583

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-10-c@4 Acquired: 9/23/2011 22:14:56 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	17.73	186.8	1294.
Stddev	.50	.5	4.
%RSD	2.826	.2439	.2729

#1	18.19	186.5	1292.
#2	17.80	186.6	1298.
#3	17.20	187.4	1291.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2514.1	39251.	5692.4
Stddev	4.1	83.	28.4
%RSD	.16174	.21153	.49951

#1	2518.8	39337.	5693.8
#2	2511.9	39171.	5720.2
#3	2511.7	39245.	5663.4

Sample Name: 460-31303-a-11-c@4 Acquired: 9/23/2011 22:18:36 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43900.	19.98	-.7184	392.0	1.779	21550.
Stddev	83.	1.62	.3892	1.5	.068	20.
%RSD	.1882	8.089	54.17	.3767	3.837	.0946

#1	43950.	19.42	-.2694	393.4	1.813	21570.
#2	43940.	21.80	-.9267	392.0	1.823	21540.
#3	43800.	18.72	-.9592	390.4	1.700	21530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.051	35.52	141.9	212.5	70630.	2339.
Stddev	.212	.38	.3	3.5	80.	45.
%RSD	20.22	1.063	.2081	1.656	.1131	1.911

#1	.9901	35.17	142.1	215.9	70720.	2381.
#2	1.287	35.92	141.9	208.9	70560.	2292.
#3	.8755	35.48	141.6	212.5	70610.	2344.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-11-c@4 Acquired: 9/23/2011 22:18:36 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12430.	1760.	759.8	78.98	426.4	-2.270
Stddev	8.	2.	18.6	.66	2.0	1.312
%RSD	.0674	.1003	2.454	.8402	.4686	57.77

#1	12430.	1758.	750.1	79.32	427.8	-1.037
#2	12420.	1761.	781.2	79.42	427.3	-2.127
#3	12440.	1761.	747.9	78.22	424.1	-3.648

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.086	-3.485	146.0	432.0	15.03	.6508
Stddev	2.321	.419	.8	1.1	.18	.1229
%RSD	56.80	12.02	.5497	.2605	1.180	18.88

#1	-1.943	-3.823	146.0	433.1	15.13	.6081
#2	-6.551	-3.617	145.2	432.2	15.14	.7893
#3	-3.763	-3.017	146.8	430.8	14.83	.5550

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31303-a-11-c@4 Acquired: 9/23/2011 22:18:36 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	17.87	102.4	1889.
Stddev	.93	.1	9.
%RSD	5.201	.1372	.4705

#1	18.28	102.3	1899.
#2	16.81	102.5	1883.
#3	18.54	102.6	1885.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2545.3	39777.	5708.5
Stddev	3.5	142.	22.6
%RSD	.13926	.35807	.39505

#1	2544.6	39909.	5704.1
#2	2549.2	39796.	5688.5
#3	2542.2	39626.	5733.0

Sample Name: 460-31060-a-5-b du Acquired: 9/23/2011 22:22:16 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.77	.1411	-.4802	154.2	.1318	28740.
Stddev	8.51	.4944	.7491	.3	.0084	84.
%RSD	17.82	350.4	156.0	.2233	6.349	.2936
#1	54.26	.6934	.3479	154.4	.1260	28810.
#2	38.13	-.2602	-1.111	154.4	.1414	28770.
#3	50.90	-.0098	-.6777	153.8	.1281	28650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2543	.6384	.3500	7.780	191.0	3707.
Stddev	.0257	.3195	.3721	2.763	14.4	6.
%RSD	10.10	50.04	106.3	35.51	7.554	.1665
#1	.2404	.9361	.6857	4.824	206.1	3714.
#2	.2839	.3008	-.0500	8.221	177.4	3703.
#3	.2385	.6784	.4143	10.30	189.4	3705.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-b du Acquired: 9/23/2011 22:22:16 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13200.	103.6	48460.	2.464	.7406	-1.980
Stddev	18.	.1	60.	.064	.5475	1.036
%RSD	.1396	.1336	.1247	2.598	73.93	52.35

#1	13220.	103.5	48530.	2.397	.5532	-2.366
#2	13180.	103.4	48420.	2.525	.3114	-.8057
#3	13210.	103.7	48430.	2.470	1.357	-2.768

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2914	.7178	1.518	172.6	30.32	1.681
Stddev	3.249	1.624	.287	.5	.56	.247
%RSD	1115.	226.3	18.89	.2842	1.852	14.71

#1	3.517	-.8259	1.848	172.6	30.92	1.966
#2	-2.980	.5672	1.375	173.1	29.80	1.535
#3	.3365	2.412	1.331	172.1	30.24	1.541

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-b du Acquired: 9/23/2011 22:22:16 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8476	176.1	-.9043
Stddev	.7249	.5	.2773
%RSD	85.52	.2898	30.67

#1	1.552	176.4	-.8349
#2	.1039	176.4	-1.210
#3	.8867	175.5	-.6683

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2474.7	38392.	5581.9
Stddev	13.3	225.	12.8
%RSD	.53610	.58522	.22930

#1	2489.2	38614.	5594.8
#2	2471.9	38397.	5581.7
#3	2463.1	38165.	5569.2

Sample Name: 460-31060-a-5-a Acquired: 9/23/2011 22:26:03 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	67.35	.5847	-.5098	157.2	.0372	29290.
Stddev	22.75	1.043	.6437	.7	.1117	76.
%RSD	33.78	178.4	126.3	.4342	299.8	.2586
#1	56.70	1.486	.0748	157.9	.1616	29250.
#2	93.48	.8257	-.4046	157.2	.0046	29240.
#3	51.88	-.5581	-1.200	156.6	-.0545	29370.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2951	.6614	.8566	7.402	168.7	3781.
Stddev	.0863	.0500	.3350	3.393	5.6	36.
%RSD	29.25	7.565	39.11	45.83	3.303	.9581
#1	.3947	.6190	1.021	5.096	165.9	3743.
#2	.2495	.6486	1.078	11.30	165.2	3815.
#3	.2412	.7166	.4712	5.814	175.2	3783.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-a Acquired: 9/23/2011 22:26:03 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13510.	105.4	49500.	2.522	2.468	-1.891
Stddev	24.	.2	136.	.298	.489	.891
%RSD	.1789	.2344	.2743	11.82	19.82	47.14

#1	13490.	105.2	49530.	2.186	2.943	-1.599
#2	13530.	105.7	49350.	2.752	1.966	-2.892
#3	13530.	105.5	49620.	2.629	2.496	-1.182

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.264	.5913	1.393	172.8	31.93	1.585
Stddev	2.020	1.731	.126	1.3	.18	.214
%RSD	278.1	292.8	9.036	.7303	.5662	13.49

#1	-3.026	-1.045	1.267	174.0	31.77	1.758
#2	.7613	.4143	1.395	172.7	31.90	1.346
#3	.0857	2.404	1.519	171.5	32.12	1.652

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-a Acquired: 9/23/2011 22:26:03 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4822	179.6	-.0315
Stddev	.2070	.6	1.507
%RSD	42.93	.3134	4778.

#1	-.3079	179.3	1.276
#2	-.4277	179.2	.3088
#3	-.7111	180.2	-1.680

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2476.2	38344.	5608.0
Stddev	1.9	251.	33.7
%RSD	.07727	.65521	.60149

#1	2474.3	38610.	5646.6
#2	2478.1	38309.	5593.0
#3	2476.3	38111.	5584.3

Sample Name: sd 460-31060-a-5-a@5 Acquired: 9/23/2011 22:29:50 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.74	-1.013	-.8037	31.38	.0144	5876.
Stddev	13.67	2.104	.6006	.24	.0329	37.
%RSD	92.76	207.6	74.73	.7758	227.7	.6249

#1	18.83	.7388	-.4268	31.55	-.0094	5906.
#2	-.5102	-.4319	-1.496	31.48	.0008	5887.
#3	25.90	-3.347	-.4881	31.10	.0520	5835.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1127	.3857	-.2913	1.726	41.47	724.9
Stddev	.0814	.1578	.3194	1.726	4.61	46.8
%RSD	72.28	40.92	109.6	99.97	11.12	6.461

#1	.2065	.5218	-.1368	1.678	41.95	727.5
#2	.0610	.2127	-.0785	.0248	45.81	770.4
#3	.0705	.4224	-.6586	3.475	36.63	676.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31060-a-5-a@5 Acquired: 9/23/2011 22:29:50 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2697.	21.02	9887.	.7258	.4457	-1.706
Stddev	8.	.10	10.	.3798	1.113	.938
%RSD	.3091	.4558	.0987	52.33	249.8	55.00
#1	2704.	21.04	9893.	.8314	1.545	-1.842
#2	2700.	21.10	9876.	.3044	.4726	-2.569
#3	2688.	20.92	9892.	1.042	-.6807	-.7069

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0986	-.9192	.4992	33.75	6.418	.1905
Stddev	2.668	1.001	.6664	.40	.499	.3210
%RSD	2705.	108.9	133.5	1.190	7.772	168.5
#1	-2.560	.1229	1.068	33.82	6.301	-.0499
#2	-.4720	-1.008	-.2338	34.11	5.988	.5550
#3	2.736	-1.872	.6633	33.32	6.965	.0664

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31060-a-5-a@5 Acquired: 9/23/2011 22:29:50 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2219	36.04	-1.166
Stddev	.4283	.17	2.153
%RSD	193.0	.4586	184.7

#1	-.0910	36.03	1.252
#2	-.7003	36.21	-2.877
#3	.1257	35.88	-1.871

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2477.7	38796.	5510.3
Stddev	7.7	196.	3.8
%RSD	.31053	.50394	.06852

#1	2471.2	38775.	5507.5
#2	2486.2	38611.	5509.0
#3	2475.7	39000.	5514.6

Sample Name: 460-31060-a-5-c ms Acquired: 9/23/2011 22:33:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1076.	1025.	23.76	1207.	25.62	39090.
Stddev	5.	3.	.74	1.	.02	36.
%RSD	.4921	.3386	3.093	.0908	.0906	.0932

#1	1075.	1023.	23.65	1207.	25.65	39130.
#2	1071.	1029.	24.55	1208.	25.60	39060.
#3	1082.	1023.	23.09	1205.	25.63	39100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.59	260.6	102.6	135.2	680.3	13630.
Stddev	.09	.4	.1	3.5	8.8	25.
%RSD	.3230	.1506	.0960	2.570	1.290	.1810

#1	26.49	261.1	102.7	131.4	690.4	13650.
#2	26.65	260.4	102.5	138.2	675.5	13640.
#3	26.64	260.4	102.6	136.1	674.9	13600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-c ms Acquired: 9/23/2011 22:33:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23290.	368.7	58180.	266.2	267.1	258.1
Stddev	56.	1.0	88.	.3	.7	1.5
%RSD	.2383	.2665	.1519	.1309	.2803	.5740

#1	23350.	369.5	58280.	265.9	267.8	258.6
#2	23280.	369.1	58140.	266.3	267.2	256.4
#3	23240.	367.6	58120.	266.6	266.3	259.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1004.	1069.	250.7	430.6	302.9	259.8
Stddev	2.	3.	.6	.4	.5	1.5
%RSD	.2122	.2582	.2403	.0861	.1647	.5608

#1	1001.	1072.	251.4	431.0	302.3	261.0
#2	1004.	1067.	250.3	430.4	303.3	260.1
#3	1006.	1069.	250.5	430.4	303.1	258.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-5-c ms Acquired: 9/23/2011 22:33:39 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	261.9	422.8	259.4
Stddev	1.6	.5	1.5
%RSD	.5948	.1164	.5644

#1	263.3	423.3	259.2
#2	262.2	422.3	258.1
#3	260.2	422.8	261.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2455.2	38012.	5580.8
Stddev	7.5	81.	36.0
%RSD	.30420	.21297	.64453

#1	2463.8	38085.	5593.2
#2	2450.1	37925.	5608.9
#3	2451.6	38025.	5540.2

Sample Name: pds 460-31060-a-5-a Acquired: 9/23/2011 22:37:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2090.	2000.	46.78	2191.	50.88	49260.
Stddev	27.	4.	.59	4.	.18	146.
%RSD	1.273	.1947	1.264	.1988	.3535	.2970

#1	2099.	2002.	47.46	2194.	50.82	49150.
#2	2060.	1995.	46.50	2186.	50.73	49200.
#3	2111.	2002.	46.39	2192.	51.08	49430.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.42	515.0	204.7	258.9	1194.	23300.
Stddev	.20	1.1	.3	4.5	17.	92.
%RSD	.3848	.2228	.1451	1.744	1.437	.3937

#1	52.62	516.2	204.7	262.6	1175.	23230.
#2	52.21	514.0	205.0	260.4	1209.	23260.
#3	52.43	514.9	204.4	253.9	1197.	23400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31060-a-5-a Acquired: 9/23/2011 22:37:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33350.	631.0	67820.	524.9	529.9	485.8
Stddev	81.	1.8	185.	1.7	1.8	12.4
%RSD	.2443	.2888	.2733	.3299	.3455	2.544

#1	33260.	629.2	68030.	526.7	530.3	497.9
#2	33410.	632.8	67710.	523.3	528.0	486.3
#3	33390.	631.1	67710.	524.6	531.6	473.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1996.	2120.	499.1	685.9	598.6	506.5
Stddev	6.	6.	.6	2.8	2.1	2.2
%RSD	.3022	.2815	.1170	.4043	.3499	.4296

#1	2002.	2125.	499.8	689.0	600.8	509.0
#2	1990.	2113.	498.7	683.7	596.6	505.3
#3	1994.	2120.	498.8	685.0	598.3	505.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31060-a-5-a Acquired: 9/23/2011 22:37:13 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	510.5	666.5	502.0
Stddev	3.5	2.1	2.1
%RSD	.6791	.3167	.4262

#1	514.3	664.8	503.2
#2	507.4	665.8	499.6
#3	509.9	668.8	503.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2447.4	37570.	5593.4
Stddev	3.5	218.	11.3
%RSD	.14501	.58091	.20247

#1	2446.3	37794.	5604.5
#2	2451.3	37358.	5593.8
#3	2444.5	37558.	5581.9

Sample Name: CCV Acquired: 9/23/2011 22:40:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126000.	2510.	1231.	10190.	1004.	128000.
Stddev	213.	3.	.	9.	2.	115.
%RSD	.1693	.1003	.0275	.0890	.1846	.0901

#1	126100.	2507.	1232.	10180.	1007.	128100.
#2	126200.	2512.	1231.	10200.	1003.	128000.
#3	125800.	2511.	1232.	10180.	1004.	127900.

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	1278.	2522.	5029.	12610.	99870.	50370.
Stddev	1.	2.	6.	18.	150.	121.
%RSD	.1031	.0670	.1181	.1409	.1500	.2409

#1	1276.	2520.	5023.	12620.	99770.	50480.
#2	1279.	2524.	5031.	12620.	99800.	50240.
#3	1278.	2521.	5034.	12590.	100000.	50400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 22:40:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	5141.	123400.	2557.	7634.	1023.
Stddev	174.	6.	178.	4.	8.	5.
%RSD	.1395	.1264	.1442	.1464	.0983	.5152

#1	124500.	5133.	123600.	2553.	7625.	1029.
#2	124700.	5145.	123500.	2559.	7635.	1023.
#3	124800.	5144.	123200.	2559.	7640.	1019.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2470.	2566.	2476.	2523.	1013.	2549.
Stddev	9.	4.	4.	1.	2.	2.
%RSD	.3463	.1581	.1425	.0540	.2350	.0703

#1	2464.	2561.	2472.	2521.	1010.	2549.
#2	2480.	2569.	2477.	2524.	1015.	2550.
#3	2467.	2568.	2479.	2524.	1014.	2547.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 22:40:46 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1011.	5087.	9961.
Stddev	2.	6.	17.
%RSD	.2169	.1191	.1754

#1	1011.	5094.	9973.
#2	1008.	5083.	9970.
#3	1013.	5084.	9941.

Check ?	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	2284.8	35444.	5389.8
Stddev	2.9	45.	12.6
%RSD	.12702	.12787	.23354

#1	2288.0	35494.	5376.4
#2	2282.5	35405.	5401.4
#3	2283.7	35433.	5391.5

Sample Name: CCB Acquired: 9/23/2011 22:44:15 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1559	-2.450	-.6517	.2808	.0143	16.12
Stddev	11.04	.778	.2247	.0429	.0923	13.73
%RSD	7083.	31.77	34.48	15.28	643.5	85.16
#1	12.54	-2.034	-.3986	.2814	-.0179	31.20
#2	-5.534	-3.348	-.7289	.3235	.1184	12.85
#3	-7.476	-1.967	-.8276	.2377	-.0575	4.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0456	.1006	-.3205	2.066	12.40	111.4
Stddev	.0779	.2071	.3603	2.508	10.37	15.0
%RSD	170.9	205.9	112.4	121.4	83.65	13.47
#1	.0585	.1718	-.1017	-.7091	22.72	120.6
#2	.1163	.2627	-.1235	4.172	12.52	119.6
#3	-.0380	-.1327	-.7364	2.735	1.969	94.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 22:44:15 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.254	.1624	23.19	.1637	-.7127	2.372
Stddev	5.105	.0801	20.96	.4725	1.039	.787
%RSD	97.17	49.34	90.39	288.6	145.8	33.20
#1	11.01	.2338	46.89	.2639	-.2342	2.340
#2	3.469	.1775	7.084	-.3508	.0010	1.601
#3	1.281	.0758	15.60	.5780	-1.905	3.175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.592	.1082	.4603	.8242	2.927	4.586
Stddev	1.176	1.308	.3576	.1991	.822	.244
%RSD	45.37	1209.	77.70	24.16	28.07	5.323
#1	3.331	.2091	.8649	1.047	3.270	4.866
#2	1.236	-1.247	.3296	.7630	1.990	4.471
#3	3.210	1.363	.1863	.6629	3.522	4.420

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 22:44:15 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.466	.2409	2.055
Stddev	.119	.0899	.842
%RSD	8.142	37.30	40.95

#1	1.585	.2280	1.592
#2	1.467	.1582	1.547
#3	1.346	.3365	3.026

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2472.4	38850.	5482.2
Stddev	2.8	54.	18.7
%RSD	.11335	.13906	.34191

#1	2469.5	38838.	5503.0
#2	2475.2	38803.	5476.6
#3	2472.5	38909.	5466.8

Sample Name: mb 460-87094/1-a Acquired: 9/23/2011 22:48:08 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.274	.1080	-.3291	-.0013	.0393	-4.227
Stddev	5.578	1.902	.6448	.0481	.0678	17.49
%RSD	170.4	1761.	195.9	3584.	172.6	413.6

#1	5.099	2.183	-.8844	-.0500	.0571	15.63
#2	-2.988	-.3073	.3781	.0462	-.0357	-10.98
#3	7.712	-1.552	-.4810	-.0003	.0964	-17.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0968	.3409	-.4847	.0075	22.31	173.2
Stddev	.0655	.3538	.6170	3.139	3.60	28.8
%RSD	67.64	103.8	127.3	41670.	16.15	16.66

#1	.1413	-.0028	.1844	.3414	26.39	206.5
#2	.0216	.7040	-1.031	-3.285	20.98	157.8
#3	.1276	.3213	-.6076	2.966	19.57	155.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87094/1-a Acquired: 9/23/2011 22:48:08 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.271	.1957	15.51	.0771	-.6798	-1.806
Stddev	2.691	.0659	20.72	.3746	.6030	.822
%RSD	118.5	33.66	133.6	485.8	88.70	45.49

#1	4.040	.1677	-3.163	-.1647	-.1410	-1.088
#2	-.8258	.1485	37.80	-.1125	-1.331	-2.702
#3	3.599	.2710	11.88	.5086	-.5674	-1.628

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5473	.4079	.5646	-.1319	2.144	.5027
Stddev	2.537	.3159	.5902	.1466	.744	.2108
%RSD	463.5	77.43	104.5	111.2	34.68	41.93

#1	3.325	.5867	.2490	-.1797	2.998	.3196
#2	-.0354	.0432	1.246	.0327	1.788	.4553
#3	-1.647	.5939	.1993	-.2486	1.645	.7331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87094/1-a Acquired: 9/23/2011 22:48:08 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2358	.0762	-3.308
Stddev	.7902	.1852	.499
%RSD	335.2	243.1	15.08

#1	-.2934	-.1258	-3.214
#2	-.1435	.1164	-2.862
#3	1.144	.2379	-3.846

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.1	40146.	5675.1
Stddev	10.5	262.	26.1
%RSD	.40774	.65249	.46059

#1	2579.1	40419.	5701.1
#2	2561.9	39896.	5675.3
#3	2560.2	40122.	5648.9

Sample Name: lcs 460-87094/2-a Acquired: 9/23/2011 22:52:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1019.	F 988.9	F 23.92	F 1050.	F 25.10	F 10550.
Stddev	15.	2.2	1.10	1.	.09	30.
%RSD	1.518	.2264	4.585	.1216	.3639	.2827

#1	1002.	986.4	24.73	1050.	25.07	10540.
#2	1032.	989.6	22.67	1051.	25.03	10580.
#3	1023.	990.8	24.35	1048.	25.21	10520.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.	50.00	2000.	50.00	20000.
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 26.23	F 260.9	F 101.1	F 128.5	F 547.0	F 9821.
Stddev	.10	.5	.1	2.8	11.3	8.
%RSD	.3926	.2103	.1429	2.183	2.070	.0777

#1	26.23	261.3	101.0	126.3	542.9	9813.
#2	26.32	261.2	101.3	131.7	559.8	9824.
#3	26.12	260.3	101.1	127.4	538.3	9828.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	50.00	500.0	200.0	250.0	1000.	20000.
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Sample Name: lcs 460-87094/2-a Acquired: 9/23/2011 22:52:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 10060.	F 267.2	F 9809.	F 267.4	F 269.7	F 229.9
Stddev	10.	.5	26.	.5	.6	8.8
%RSD	.0962	.1759	.2664	.1947	.2060	3.806

#1	10050.	267.5	9803.	267.3	269.1	236.0
#2	10060.	266.7	9837.	267.9	270.2	233.9
#3	10070.	267.5	9786.	266.9	269.9	219.9

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	20000.	500.0	20000.	500.0	500.0	500.0
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 983.3	F 1112.	F 243.8	F 258.9	F 267.6	F 252.2
Stddev	4.7	6.	.7	.8	2.1	1.8
%RSD	.4749	.5155	.2824	.3063	.7669	.7076

#1	981.6	1107.	244.5	259.2	265.5	253.4
#2	988.6	1111.	243.6	259.5	269.6	253.0
#3	979.7	1118.	243.2	258.0	267.9	250.1

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.	500.0	500.0	500.0	500.0
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Sample Name: lcs 460-87094/2-a Acquired: 9/23/2011 22:52:01 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 257.2	F 246.9	F 252.9
Stddev	.1	.6	1.9
%RSD	.0480	.2307	.7665

#1	257.2	246.3	255.2
#2	257.4	247.4	251.9
#3	257.1	246.9	251.7

Check ?	Chk Fail	Chk Fail	Chk Fail
Value	500.0	500.0	500.0
Range	-15.00%	-15.00%	-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	2527.8	39005.	5645.1
Stddev	4.3	269.	18.5
%RSD	.16822	.68975	.32783

#1	2530.6	39188.	5656.9
#2	2529.8	39131.	5623.8
#3	2522.9	38696.	5654.6

Sample Name: mb 460-87112/1-a Acquired: 9/23/2011 22:55:36 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.82	.4321	-.2440	-.0503	-.0221	.1025
Stddev	7.79	2.633	.6485	.0220	.0288	2.349
%RSD	56.35	609.4	265.8	43.76	130.3	2291.

#1	19.86	-2.174	.3136	-.0295	-.0304	-1.062
#2	5.030	3.092	-.9556	-.0733	-.0459	2.806
#3	16.58	.3781	-.0899	-.0479	.0099	-1.436

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0017	.0169	-.4414	-1.620	6.969	148.9
Stddev	.0333	.1960	.3036	3.413	2.911	30.2
%RSD	1929.	1158.	68.78	210.6	41.78	20.29

#1	.0201	.1167	-.7693	-.1810	6.558	116.2
#2	-.0367	.1430	-.3847	-5.517	4.284	175.8
#3	.0218	-.2089	-.1702	.8370	10.06	154.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87112/1-a Acquired: 9/23/2011 22:55:36 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9697	.0649	9.521	.4558	.9378	.6910
Stddev	1.653	.0176	10.94	.3610	1.380	.9580
%RSD	170.5	27.12	114.9	79.19	147.2	138.6

#1	-.0542	.0576	.8831	.1477	2.531	1.134
#2	.0237	.0522	5.853	.3668	.1045	1.347
#3	-2.878	.0850	21.83	.8530	.1777	-.4084

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1627	.0988	.7355	-.4071	2.819	1.322
Stddev	2.262	1.239	.4692	.1615	.364	.298
%RSD	1391.	1255.	63.79	39.68	12.90	22.57

#1	2.764	1.494	.9290	-.5737	2.403	1.341
#2	-1.345	-.3231	.2005	-.2512	3.076	1.610
#3	-.9312	-.8742	1.077	-.3963	2.978	1.014

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87112/1-a Acquired: 9/23/2011 22:55:36 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.541	.0620	-2.523
Stddev	.866	.1581	1.381
%RSD	56.23	254.9	54.74

#1	1.689	.1775	-3.511
#2	2.323	.1266	-.9450
#3	.6098	-.1181	-3.114

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2513.6	39470.	5557.4
Stddev	3.4	57.	5.3
%RSD	.13504	.14543	.09605

#1	2510.7	39426.	5552.2
#2	2512.8	39449.	5557.2
#3	2517.3	39535.	5562.8

Sample Name: lcs 460-87112/2-a Acquired: 9/23/2011 22:59:28 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5117.	4907.	473.2	10370.	1006.	21260.
Stddev	18.	9.	1.0	6.	3.	68.
%RSD	.3598	.1874	.2094	.0578	.3082	.3215

#1	5103.	4900.	473.2	10370.	1004.	21180.
#2	5110.	4904.	472.2	10370.	1006.	21280.
#3	5138.	4917.	474.2	10380.	1010.	21320.

Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1046.	1061.	5038.	1031.	1005.	19850.
Stddev	.	1.	8.	5.	8.	73.
%RSD	.0431	.1031	.1527	.4910	.8046	.3656

#1	1046.	1061.	5046.	1031.	1011.	19790.
#2	1046.	1061.	5031.	1025.	995.6	19820.
#3	1047.	1063.	5036.	1036.	1008.	19930.

Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-87112/2-a Acquired: 9/23/2011 22:59:28 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19830.	1051.	19850.	1083.	5340.	1005.
Stddev	31.	2.	15.	.	6.	4.
%RSD	.1556	.1872	.0764	.0290	.1178	.4333

#1	19860.	1053.	19840.	1083.	5335.	1010.
#2	19800.	1049.	19870.	1083.	5337.	1001.
#3	19840.	1051.	19860.	1084.	5347.	1003.

Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	966.3	1105.	493.3	1028.	996.8	1036.
Stddev	3.9	1.	.9	1.	2.2	1.
%RSD	.4019	.1044	.1805	.1123	.2243	.1161

#1	962.5	1106.	493.6	1029.	994.2	1037.
#2	966.2	1105.	492.3	1027.	997.7	1036.
#3	970.3	1104.	494.0	1029.	998.3	1035.

Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-87112/2-a Acquired: 9/23/2011 22:59:28 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	944.0	1018.	986.2
Stddev	.9	2.	5.9
%RSD	.0902	.2184	.6020

#1	943.0	1015.	983.6
#2	944.5	1018.	982.0
#3	944.4	1020.	993.0

Check ?	None	None	None
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2413.7	37881.	5525.1
Stddev	6.1	78.	11.6
%RSD	.25410	.20690	.21052

#1	2416.6	37841.	5531.1
#2	2417.8	37971.	5532.5
#3	2406.7	37829.	5511.7

Sample Name: 460-31060-a-1-a Acquired: 9/23/2011 23:02:58 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88.96	.1973	.3340	152.3	-.0401	28500.
Stddev	5.66	.7937	.6409	.3	.0360	59.
%RSD	6.357	402.3	191.9	.1906	89.80	.2072

#1	89.07	-.5905	-.2471	152.6	-.0030	28540.
#2	83.24	.1856	1.021	152.1	-.0749	28430.
#3	94.55	.9968	.2277	152.1	-.0424	28540.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2427	.5017	1.082	6.293	177.1	3729.
Stddev	.0954	.1754	.530	.363	6.6	33.
%RSD	39.32	34.97	49.00	5.767	3.712	.8980

#1	.2406	.6964	.9703	6.609	170.9	3695.
#2	.1483	.4531	.6168	5.897	184.0	3731.
#3	.3391	.3557	1.660	6.373	176.2	3762.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-1-a Acquired: 9/23/2011 23:02:58 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13230.	102.8	47940.	2.505	1.882	2.671
Stddev	13.	.2	92.	.228	1.197	.804
%RSD	.0975	.1528	.1915	9.093	63.60	30.10

#1	13220.	103.0	47910.	2.680	.9697	2.047
#2	13240.	102.8	47880.	2.248	3.238	3.579
#3	13220.	102.7	48050.	2.588	1.440	2.388

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.879	.8338	1.698	166.8	32.63	3.298
Stddev	2.493	1.423	.213	.3	.60	.222
%RSD	132.7	170.6	12.57	.1629	1.840	6.715

#1	.6821	-.7952	1.864	166.9	32.35	3.325
#2	4.745	1.831	1.457	166.6	33.32	3.505
#3	.2092	1.466	1.772	167.1	32.21	3.065

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31060-a-1-a Acquired: 9/23/2011 23:02:58 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6681	174.5	-1.087
Stddev	.0818	.7	.652
%RSD	12.24	.3986	60.00

#1	.6156	174.1	-.5653
#2	.6263	174.1	-.8775
#3	.7623	175.3	-1.818

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2491.0	38383.	5611.2
Stddev	8.2	246.	33.0
%RSD	.33041	.64116	.58743

#1	2499.2	38667.	5648.6
#2	2491.0	38221.	5598.4
#3	2482.8	38263.	5586.5

Sample Name: 460-30838-s-2-d du@5 Acquired: 9/23/2011 23:06:46 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89.94	.7911	-.5116	145.4	.4934	7061.
Stddev	8.42	1.474	.3056	.9	.1093	17.
%RSD	9.363	186.3	59.73	.6088	22.15	.2431
#1	81.72	-.6979	-.1948	145.8	.5316	7042.
#2	98.55	.8213	-.8046	146.1	.3702	7075.
#3	89.55	2.250	-.5355	144.4	.5785	7067.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1870	8.734	.2759	3.441	588.2	895.6
Stddev	.0786	.049	.0782	4.317	6.8	21.3
%RSD	42.01	.5595	28.35	125.4	1.156	2.379
#1	.2268	8.779	.3399	6.510	581.7	896.0
#2	.2378	8.742	.1887	-1.495	595.3	874.1
#3	.0965	8.682	.2991	5.309	587.6	916.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-d du@5 Acquired: 9/23/2011 23:06:46 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1333.	316.1	F 263500.	11.03	5.783	.7023
Stddev	10.	.6	159.	.30	1.570	1.439
%RSD	.7540	.1789	.0605	2.731	27.15	204.9

#1	1342.	316.5	263500.	10.71	4.131	-.4217
#2	1335.	316.4	263600.	11.31	7.256	2.324
#3	1322.	315.5	263300.	11.07	5.963	.2047

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8143	-2.386	.6274	46.52	59.41	.1542
Stddev	2.135	1.230	.4611	.49	.43	.0986
%RSD	262.2	51.56	73.49	1.061	.7258	63.92

#1	-1.651	-2.296	1.149	46.87	59.85	.2678
#2	2.073	-1.204	.4586	46.73	59.38	.1025
#3	2.021	-3.660	.2745	45.95	58.99	.0922

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-d du@5 Acquired: 9/23/2011 23:06:46 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.169	37.00	-.2596
Stddev	.598	.24	1.169
%RSD	51.15	.6522	450.1

#1	1.800	36.84	-.7563
#2	.6114	37.27	-1.098
#3	1.095	36.88	1.075

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2379.2	36081.	5491.8
Stddev	2.8	38.	14.1
%RSD	.11804	.10528	.25737

#1	2377.6	36043.	5493.4
#2	2377.6	36081.	5505.1
#3	2382.5	36118.	5477.0

Sample Name: 460-30838-s-2-c@5 Acquired: 9/23/2011 23:10:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84.06	-1.700	-.8012	141.6	.5345	6860.
Stddev	16.78	.694	.3294	.5	.0887	18.
%RSD	19.97	40.80	41.12	.3307	16.60	.2571

#1	92.53	-2.022	-.5466	141.9	.5809	6880.
#2	64.73	-.9040	-.6838	141.7	.4322	6845.
#3	94.93	-2.175	-1.173	141.0	.5903	6856.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2442	8.563	.1897	5.412	578.1	897.7
Stddev	.0811	.047	.4702	3.369	5.4	71.3
%RSD	33.19	.5477	247.8	62.26	.9349	7.937

#1	.1520	8.613	.2749	2.065	583.7	830.8
#2	.3040	8.555	.6116	8.803	577.6	889.7
#3	.2767	8.521	-.3172	5.367	572.9	972.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-c@5 Acquired: 9/23/2011 23:10:35 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1299.	307.8	F 255900.	11.10	5.069	-2.566
Stddev	1.	.4	692.	.11	.575	.789
%RSD	.0783	.1283	.2703	1.011	11.33	30.76

#1	1298.	308.0	256700.	10.98	4.472	-3.212
#2	1300.	307.4	255500.	11.10	5.618	-1.686
#3	1300.	308.1	255400.	11.21	5.118	-2.799

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8999	-1.560	.6992	47.88	57.62	-.1055
Stddev	2.678	.924	.0324	.36	.70	.3152
%RSD	297.6	59.23	4.630	.7441	1.214	298.9

#1	3.979	-.5064	.6780	48.06	58.12	-.3961
#2	-.3928	-1.942	.7364	48.11	56.82	.2295
#3	-.8866	-2.232	.6830	47.47	57.92	-.1498

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-c@5 Acquired: 9/23/2011 23:10:35 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1664	36.00	-.5303
Stddev	.8603	.21	.9855
%RSD	516.9	.5784	185.8

#1	.7334	35.98	-1.343
#2	-.8234	36.22	-.8144
#3	.5893	35.81	.5660

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2379.5	36187.	5493.8
Stddev	1.4	130.	10.6
%RSD	.05873	.35860	.19283

#1	2381.1	36321.	5496.6
#2	2378.5	36179.	5482.1
#3	2378.9	36062.	5502.7

Sample Name: sd 460-30838-s-2-c@2 Acquired: 9/23/2011 23:14:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.05	.0442	.0344	28.21	.0894	1347.
Stddev	2.58	2.880	.7856	.03	.0746	8.
%RSD	13.56	6510.	2283.	.1031	83.47	.6241

#1	16.25	2.562	.1948	28.23	.0199	1339.
#2	19.56	-3.096	-.8190	28.23	.1682	1346.
#3	21.34	.6663	.7274	28.18	.0800	1355.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0679	1.758	-.7377	2.165	117.2	271.1
Stddev	.0649	.079	.4534	2.820	6.6	24.5
%RSD	95.55	4.505	61.46	130.2	5.671	9.038

#1	.1330	1.667	-1.047	5.418	109.5	284.0
#2	.0673	1.798	-.9483	.6752	120.2	242.9
#3	.0033	1.809	-.2173	.4028	121.7	286.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-30838-s-2-c@2 Acquired: 9/23/2011 23:14:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	260.4	61.11	51970.	2.306	1.744	-.4624
Stddev	7.4	.08	76.	.411	1.549	1.521
%RSD	2.851	.1377	.1466	17.84	88.85	328.9

#1	253.4	61.05	51920.	1.886	.1638	.7165
#2	259.6	61.21	52060.	2.325	3.261	.0756
#3	268.2	61.08	51950.	2.708	1.807	-2.179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2538	-.3408	.3065	9.785	12.41	-.1033
Stddev	1.848	1.587	.1247	.123	.29	.1189
%RSD	728.3	465.6	40.68	1.258	2.320	115.1

#1	-.1354	-.6304	.2968	9.709	12.70	-.1882
#2	-2.158	-1.763	.1869	9.718	12.42	.0326
#3	1.533	1.371	.4357	9.927	12.12	-.1541

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-30838-s-2-c@2 Acquired: 9/23/2011 23:14:23 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8626	7.246	-1.200
Stddev	.4269	.097	1.099
%RSD	49.49	1.337	91.59

#1	.9897	7.139	-2.434
#2	.3865	7.272	-.3255
#3	1.211	7.328	-.8410

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2448.3	38026.	5524.1
Stddev	6.4	55.	14.7
%RSD	.26156	.14509	.26531

#1	2441.1	38086.	5507.5
#2	2450.4	38015.	5535.2
#3	2453.4	37977.	5529.7

Sample Name: 460-30838-s-2-e ms@5 Acquired: 9/23/2011 23:18:12 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1136.	1029.	98.58	2229.	208.4	11290.
Stddev	13.	3.	.21	1.	.2	14.
%RSD	1.172	.2602	.2168	.0461	.0857	.1266
#1	1122.	1032.	98.64	2228.	208.3	11280.
#2	1138.	1029.	98.76	2230.	208.3	11310.
#3	1148.	1027.	98.34	2230.	208.6	11290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	215.8	222.7	1046.	214.4	800.1	4993.
Stddev	.2	.7	1.	3.0	6.6	21.
%RSD	.1068	.3007	.1305	1.422	.8250	.4251
#1	215.5	223.1	1045.	210.9	795.9	4975.
#2	215.9	223.0	1048.	215.6	807.7	5016.
#3	215.9	221.9	1045.	216.6	796.7	4987.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-e ms@5 Acquired: 9/23/2011 23:18:12 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5313.	525.0	F 262400.	229.3	1071.	203.6
Stddev	18.	.7	142.	.6	1.	1.9
%RSD	.3325	.1365	.0540	.2541	.0802	.9294

#1	5307.	524.7	262400.	229.5	1071.	203.2
#2	5333.	525.9	262200.	229.7	1072.	202.0
#3	5299.	524.6	262500.	228.6	1071.	205.7

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	208.2	206.9	103.4	260.9	260.0	211.1
Stddev	1.1	1.1	.5	.3	.9	.3
%RSD	.5354	.5109	.5242	.1055	.3395	.1398

#1	208.9	208.1	103.7	261.2	259.5	211.3
#2	208.8	206.7	102.8	260.7	259.5	210.8
#3	206.9	206.0	103.8	260.8	261.0	211.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-30838-s-2-e ms@5 Acquired: 9/23/2011 23:18:12 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	190.0	242.2	203.7
Stddev	.9	.6	1.5
%RSD	.4963	.2362	.7214

#1	191.1	241.8	203.1
#2	189.3	242.0	202.7
#3	189.7	242.9	205.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2376.4	36292.	5513.9
Stddev	8.8	63.	15.2
%RSD	.37076	.17314	.27520

#1	2383.9	36354.	5514.1
#2	2378.6	36293.	5529.0
#3	2366.7	36228.	5498.7

Sample Name: pds 460-30838-s-2-c@ Acquired: 9/23/2011 23:21:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4799.	4777.	449.3	9621.	940.1	26460.
Stddev	6.	5.	1.4	5.	.8	29.
%RSD	.1234	.0956	.3130	.0560	.0850	.1088

#1	4794.	4774.	449.9	9623.	940.4	26460.
#2	4798.	4782.	450.3	9626.	940.7	26490.
#3	4805.	4774.	447.7	9615.	939.2	26430.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	973.8	980.7	4732.	964.2	1504.	19540.
Stddev	.7	.4	7.	1.6	10.	25.
%RSD	.0729	.0456	.1436	.1644	.6714	.1299

#1	973.1	981.1	4736.	966.0	1495.	19560.
#2	974.6	980.7	4736.	963.3	1515.	19560.
#3	973.7	980.2	4724.	963.2	1503.	19520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-30838-s-2-c@ Acquired: 9/23/2011 23:21:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19360.	1278.	F 271200.	1003.	4834.	952.9
Stddev	29.	1.	191.	1.	6.	1.0
%RSD	.1522	.0792	.0703	.0981	.1216	.1100
#1	19390.	1279.	271000.	1004.	4829.	951.8
#2	19370.	1278.	271200.	1003.	4833.	953.9
#3	19330.	1277.	271400.	1002.	4840.	953.0
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	936.9	950.4	468.9	1020.	985.2	966.6
Stddev	2.5	4.6	.5	1.	2.6	1.0
%RSD	.2654	.4891	.1160	.1000	.2685	.0992
#1	938.6	955.1	468.9	1019.	983.8	966.2
#2	934.0	945.8	469.4	1020.	983.5	967.7
#3	938.0	950.4	468.3	1021.	988.2	966.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-30838-s-2-c@ Acquired: 9/23/2011 23:21:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	930.4	972.4	937.6
Stddev	2.3	1.3	.9
%RSD	.2429	.1384	.0931

#1	931.8	972.9	936.6
#2	931.5	973.5	938.0
#3	927.8	970.9	938.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2328.0	35931.	5474.8
Stddev	2.0	127.	7.9
%RSD	.08442	.35394	.14464

#1	2328.5	35787.	5476.8
#2	2329.7	36026.	5481.5
#3	2325.8	35981.	5466.1

Sample Name: CCV Acquired: 9/23/2011 23:25:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	2514.	1228.	10210.	1003.	127800.
Stddev	290.	5.	1.	26.	2.	319.
%RSD	.2296	.2110	.0811	.2566	.1650	.2498

#1	126700.	2518.	1228.	10220.	1005.	128200.
#2	126200.	2516.	1229.	10220.	1002.	127500.
#3	126200.	2508.	1227.	10180.	1002.	127800.

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	1282.	2530.	5030.	12600.	99950.	50370.
Stddev	4.	5.	5.	32.	49.	183.
%RSD	.2990	.2064	.1084	.2551	.0488	.3633

#1	1284.	2532.	5031.	12640.	99940.	50550.
#2	1285.	2535.	5035.	12590.	100000.	50190.
#3	1278.	2525.	5025.	12580.	99910.	50370.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 23:25:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	5130.	123700.	2564.	7660.	1024.
Stddev	116.	16.	222.	7.	22.	7.
%RSD	.0929	.3023	.1790	.2598	.2913	.7176

#1	124700.	5139.	124000.	2568.	7667.	1030.
#2	124700.	5138.	123600.	2568.	7679.	1025.
#3	124500.	5112.	123600.	2557.	7636.	1016.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2469.	2574.	2476.	2536.	1017.	2556.
Stddev	5.	7.	2.	5.	1.	9.
%RSD	.1900	.2539	.0846	.2137	.0707	.3489

#1	2471.	2576.	2474.	2538.	1017.	2561.
#2	2472.	2580.	2478.	2540.	1018.	2562.
#3	2463.	2567.	2476.	2530.	1017.	2546.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/23/2011 23:25:22 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1014.	5082.	9978.
Stddev	2.	13.	20.
%RSD	.2295	.2492	.1982

#1	1015.	5096.	9999.
#2	1016.	5074.	9972.
#3	1011.	5075.	9961.

Check ?	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	2285.8	35647.	5420.0
Stddev	2.1	90.	3.5
%RSD	.09387	.25324	.06545

#1	2287.1	35607.	5422.1
#2	2283.3	35584.	5421.9
#3	2286.9	35751.	5415.9

Sample Name: CCB Acquired: 9/23/2011 23:28:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0059	.2673	-.5325	.1547	-.0039	.3632
Stddev	5.550	3.843	.7805	.0515	.0192	13.21
%RSD	93320.	1438.	146.6	33.32	488.6	3637.
#1	-2.640	4.390	.2928	.0982	-.0114	7.903
#2	6.384	-.3708	-.6315	.1991	.0179	8.078
#3	-3.726	-3.217	-1.259	.1668	-.0182	-14.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0458	.3608	-.0051	-.9276	1.565	181.1
Stddev	.1208	.0817	.3883	2.712	8.397	22.7
%RSD	263.5	22.63	7679.	292.3	536.6	12.55
#1	.1806	.3919	.1328	1.478	-8.080	158.3
#2	-.0525	.4223	.2955	-.3937	5.523	203.8
#3	.0094	.2682	-.4435	-3.867	7.252	181.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 23:28:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.421	.1088	49.54	.2664	-.2145	2.989
Stddev	1.572	.0716	7.23	.2755	.6778	1.257
%RSD	35.56	65.82	14.60	103.4	316.0	42.04

#1	2.671	.1794	43.28	.5341	.5681	1.711
#2	5.715	.1109	57.45	.2814	-.6175	4.223
#3	4.878	.0362	47.88	-.0163	-.5940	3.032

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.566	-.6988	.2616	.6877	3.310	4.405
Stddev	2.255	1.043	.5086	.1534	.567	.581
%RSD	144.0	149.3	194.4	22.30	17.14	13.19

#1	-.7486	.5057	.8486	.8641	3.906	4.672
#2	1.690	-1.310	-.0159	.5851	3.247	4.805
#3	3.755	-1.292	-.0477	.6141	2.777	3.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/23/2011 23:28:54 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.021	.1870	.8936
Stddev	.629	.0595	2.221
%RSD	61.62	31.83	248.5

#1	1.700	.2192	-1.288
#2	.9075	.1183	3.152
#3	.4566	.2235	.8168

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.8	38673.	5501.1
Stddev	2.4	71.	22.9
%RSD	.09533	.18372	.41609

#1	2474.1	38753.	5526.1
#2	2474.8	38616.	5496.2
#3	2478.5	38651.	5481.1

Sample Name: 460-31355-a-3-b@5 Acquired: 9/23/2011 23:32:49 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1331.	.6073	.0443	274.0	.2167	4905.
Stddev	9.	2.009	1.045	.7	.0621	16.
%RSD	.6958	330.8	2358.	.2429	28.66	.3231

#1	1331.	2.913	-1.075	274.4	.1921	4913.
#2	1341.	-.3247	.9943	274.3	.2874	4886.
#3	1322.	-.7664	.2134	273.2	.1708	4915.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3210	10.49	2.743	12.99	2122.	2569.
Stddev	.1006	.16	.233	.62	5.	21.
%RSD	31.33	1.560	8.501	4.759	.2201	.7984

#1	.3009	10.65	2.500	12.28	2117.	2575.
#2	.4301	10.32	2.964	13.38	2126.	2546.
#3	.2320	10.50	2.766	13.31	2123.	2585.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31355-a-3-b@5 Acquired: 9/23/2011 23:32:49 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3786.	533.4	242100.	6.692	44.56	.5640
Stddev	8.	1.3	707.	.267	.69	2.325
%RSD	.2157	.2482	.2920	3.990	1.557	412.3

#1	3792.	533.8	242800.	6.470	44.96	-1.713
#2	3789.	534.4	242100.	6.988	43.76	.4691
#3	3777.	531.9	241400.	6.616	44.96	2.935

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.393	-.2865	3.698	39.75	56.89	.3923
Stddev	2.369	1.067	.077	.13	.36	.0605
%RSD	170.0	372.4	2.081	.3244	.6340	15.43

#1	-3.723	-1.473	3.726	39.60	57.05	.4618
#2	1.013	.5941	3.611	39.84	56.48	.3645
#3	-1.471	.0193	3.757	39.81	57.14	.3507

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31355-a-3-b@5 Acquired: 9/23/2011 23:32:49 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.7633	49.74	73.11
Stddev	.8168	.12	.88
%RSD	107.0	.2408	1.199

#1	.6664	49.62	72.54
#2	1.624	49.85	74.12
#3	-.0009	49.75	72.68

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2382.6	36391.	5460.5
Stddev	8.5	171.	27.4
%RSD	.35515	.47062	.50142

#1	2373.5	36374.	5440.3
#2	2383.8	36229.	5449.5
#3	2390.3	36570.	5491.6

Sample Name: 460-31391-a-1-c@5 Acquired: 9/23/2011 23:36:37 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	228.3	1.655	-.0752	32.55	-.0061	9455.
Stddev	13.8	1.650	.2047	.12	.1134	38.
%RSD	6.036	99.71	272.3	.3771	1844.	.4052

#1	227.2	1.978	.1546	32.60	-.1278	9485.
#2	215.1	3.119	-.2379	32.64	.0127	9467.
#3	242.6	-.1329	-.1422	32.41	.0966	9412.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.589	.6507	.7251	5.428	309.3	1362.
Stddev	.110	.1538	.0936	.995	3.1	7.
%RSD	6.925	23.64	12.90	18.33	.9980	.4915

#1	1.565	.5691	.6535	5.406	307.4	1369.
#2	1.709	.8282	.6907	6.435	307.7	1355.
#3	1.493	.5549	.8310	4.445	312.9	1361.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-1-c@5 Acquired: 9/23/2011 23:36:37 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2635.	166.4	F 277700.	1.612	106.3	-.0805
Stddev	4.	.2	466.	.266	1.5	.6948
%RSD	.1370	.1468	.1679	16.50	1.428	863.1

#1	2634.	166.5	277300.	1.743	106.4	.0736
#2	2639.	166.7	278200.	1.306	107.7	-.8394
#3	2632.	166.2	277600.	1.788	104.7	.5242

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.164	-2.015	2.879	31.46	56.99	.0949
Stddev	.707	1.394	.590	.39	.13	.1287
%RSD	32.68	69.18	20.49	1.241	.2267	135.6

#1	2.952	-3.461	2.469	31.69	56.87	.0630
#2	1.956	-1.906	2.613	31.68	57.12	-.0148
#3	1.584	-.6788	3.555	31.01	56.97	.2366

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-1-c@5 Acquired: 9/23/2011 23:36:37 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.284	20.78	1.121
Stddev	.547	.20	1.486
%RSD	42.59	.9540	132.5

#1	1.375	21.01	1.609
#2	1.779	20.67	2.301
#3	.6971	20.66	-.5472

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2363.9	35971.	5477.3
Stddev	2.5	19.	17.4
%RSD	.10694	.05238	.31734

#1	2361.2	35989.	5497.2
#2	2366.2	35951.	5464.8
#3	2364.4	35974.	5470.0

Sample Name: 460-31391-a-2-d@5 Acquired: 9/23/2011 23:40:24 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	206.3	2.387	-.2862	32.79	.0217	8588.
Stddev	16.6	1.345	.0886	.18	.0612	31.
%RSD	8.028	56.36	30.94	.5409	281.7	.3575

#1	190.3	3.919	-.3854	32.74	.0895	8553.
#2	205.2	1.402	-.2151	32.98	-.0293	8609.
#3	223.3	1.839	-.2582	32.64	.0049	8603.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9574	.6136	1.006	4.095	260.7	1503.
Stddev	.0597	.3819	.285	2.724	6.5	46.
%RSD	6.236	62.24	28.34	66.52	2.489	3.052

#1	.9571	.1726	1.105	1.319	263.5	1488.
#2	1.017	.8341	1.228	4.201	265.4	1554.
#3	.8979	.8341	.6842	6.764	253.3	1466.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-2-d@5 Acquired: 9/23/2011 23:40:24 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2312.	192.2	F 251700.	1.443	57.43	-.2587
Stddev	10.	.7	330.	.273	1.14	1.354
%RSD	.4218	.3645	.1310	18.91	1.978	523.4

#1	2309.	191.7	251500.	1.162	56.13	-1.459
#2	2303.	191.9	252100.	1.461	57.98	-.5267
#3	2322.	193.0	251600.	1.707	58.19	1.209

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.245	.3023	2.969	26.11	49.57	.0919
Stddev	1.104	2.757	.483	.12	.25	.3359
%RSD	88.69	912.1	16.27	.4777	.5050	365.3

#1	1.839	1.230	3.334	26.16	49.44	.3819
#2	1.924	2.476	2.421	25.97	49.42	-.2761
#3	-.0291	-2.799	3.151	26.20	49.86	.1700

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31391-a-2-d@5 Acquired: 9/23/2011 23:40:24 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2777	20.23	2.334
Stddev	.4667	.12	.440
%RSD	168.0	.5968	18.87

#1	.3069	20.10	1.828
#2	-.2028	20.33	2.546
#3	.7291	20.26	2.628

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	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	36062.	5488.2
Stddev	1.9	152.	35.2
%RSD	.08138	.42116	.64124

#1	2372.6	36183.	5528.7
#2	2369.3	36112.	5465.4
#3	2372.6	35892.	5470.4

Sample Name: 460-31281-a-1-b@5 Acquired: 9/23/2011 23:44:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125.0	1.097	-.5026	109.4	.6166	14590.
Stddev	11.6	1.137	.1117	.2	.0550	29.
%RSD	9.300	103.7	22.23	.1453	8.917	.1993

#1	128.7	1.949	-.5848	109.4	.6517	14560.
#2	134.4	1.535	-.3754	109.5	.6448	14600.
#3	112.0	-.1941	-.5477	109.2	.5532	14620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6058	3.178	.0876	-1.406	91.01	5044.
Stddev	.0569	.372	.3302	3.024	9.41	44.
%RSD	9.392	11.70	377.1	215.2	10.34	.8701

#1	.6683	3.137	.4031	1.251	86.56	5028.
#2	.5921	3.569	.1152	-.7709	101.8	5093.
#3	.5570	2.828	-.2556	-4.697	84.65	5010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31281-a-1-b@5 Acquired: 9/23/2011 23:44:14 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9317.	88.38	F 254500.	7.107	8.823	-1.082
Stddev	10.	.20	677.	.296	1.573	1.099
%RSD	.1044	.2269	.2660	4.163	17.83	101.6

#1	9325.	88.53	253700.	7.226	7.677	-1.790
#2	9319.	88.45	254800.	6.770	10.62	-1.638
#3	9306.	88.15	255000.	7.325	8.176	.1840

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7565	-1.285	3.729	8.910	49.33	.1431
Stddev	1.945	.794	.306	.127	.21	.2614
%RSD	257.1	61.77	8.215	1.424	.4311	182.6

#1	2.186	-1.315	3.549	9.015	49.56	-.1532
#2	1.542	-.4768	4.083	8.947	49.28	.2417
#3	-1.458	-2.064	3.556	8.769	49.14	.3409

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31281-a-1-b@5 Acquired: 9/23/2011 23:44:14 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3450	68.45	1.433
Stddev	.3289	.18	2.430
%RSD	95.33	.2602	169.6

#1	.7240	68.48	1.208
#2	.1756	68.60	3.967
#3	.1353	68.25	-.8773

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2369.7	36012.	5462.6
Stddev	3.7	16.	24.8
%RSD	.15500	.04509	.45479

#1	2372.8	35993.	5489.8
#2	2370.7	36020.	5441.2
#3	2365.6	36022.	5456.9

Sample Name: 460-31281-a-2-c@5 Acquired: 9/23/2011 23:48:03 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37.20	-.2748	-.9642	1.840	-.0205	5003.
Stddev	10.74	2.368	.2564	.117	.0880	20.
%RSD	28.87	861.7	26.59	6.346	429.8	.3929

#1	42.49	2.290	-.9587	1.709	-.0533	4980.
#2	24.84	-.7373	-.7105	1.934	.0792	5014.
#3	44.28	-2.377	-1.223	1.877	-.0873	5015.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0829	-.2700	1.530	-1.269	7617.	145.4
Stddev	.0931	.1492	.058	5.207	21.	23.8
%RSD	112.3	55.27	3.768	410.4	.2816	16.35

#1	-.1870	-.3251	1.493	-7.183	7596.	168.2
#2	-.0544	-.3838	1.500	2.628	7639.	120.7
#3	-.0075	-.1010	1.596	.7481	7615.	147.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31281-a-2-c@5 Acquired: 9/23/2011 23:48:03 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92.58	32.21	F 278800.	4.631	.3112	-1.280
Stddev	2.43	.04	260.	.128	.7290	.604
%RSD	2.627	.1385	.0933	2.765	234.3	47.18

#1	91.20	32.21	278800.	4.530	.5490	-1.034
#2	95.39	32.26	278600.	4.775	-.5071	-1.968
#3	91.16	32.17	279100.	4.588	.8916	-.8376

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.1239	-1.2689	.1665	1387.	172.1	31.49
Stddev	3.036	.4194	.3662	4.	.8	.40
%RSD	2450.	156.0	219.9	.3210	.4933	1.275

#1	-3.584	-.5815	-.2114	1391.	171.2	31.83
#2	1.118	.2077	.1912	1387.	172.9	31.61
#3	2.094	-.4328	.5197	1382.	172.1	31.05

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31281-a-2-c@5 Acquired: 9/23/2011 23:48:03 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	19.71	2.699	-3.290
Stddev	.21	.072	.680
%RSD	1.058	2.688	20.68

#1	19.49	2.632	-3.471
#2	19.90	2.689	-3.861
#3	19.73	2.776	-2.537

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2380.9	36238.	5520.4
Stddev	3.4	128.	19.6
%RSD	.14241	.35211	.35442

#1	2378.2	36336.	5530.7
#2	2384.7	36094.	5532.6
#3	2379.9	36283.	5497.8

Sample Name: 460-31376-b-9-f@5 Acquired: 9/23/2011 23:51:52 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	75.67	-1.068	-.1460	148.3	.0514	99840.
Stddev	18.46	2.270	.8980	.6	.1144	442.
%RSD	24.39	212.6	615.0	.4081	222.6	.4429

#1	69.29	.2147	.8826	148.2	-.0008	99650.
#2	61.25	.2704	-.7738	148.9	-.0276	100300.
#3	96.47	-3.688	-.5470	147.7	.1825	99520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.568	4.488	.5941	7.589	34.82	1312.
Stddev	.113	.174	.1618	3.277	12.98	38.
%RSD	2.472	3.877	27.23	43.18	37.26	2.872

#1	4.697	4.306	.7806	4.532	21.43	1351.
#2	4.489	4.508	.4910	11.05	35.69	1311.
#3	4.516	4.652	.5107	7.186	47.34	1276.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31376-b-9-f@5 Acquired: 9/23/2011 23:51:52 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2068.	603.9	F 279000.	11.06	35.29	-.0178
Stddev	3.	1.5	266.	.17	.28	.8158
%RSD	.1686	.2495	.0955	1.518	.7825	4573.

#1	2066.	603.1	278800.	11.08	35.61	-.7877
#2	2072.	605.7	279300.	10.89	35.09	.8372
#3	2065.	603.0	279000.	11.22	35.18	-.1030

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.202	-2.508	1.593	773.8	30.85	-.1320
Stddev	.555	1.895	.409	1.2	.23	.1412
%RSD	17.35	75.57	25.64	.1613	.7462	106.9

#1	2.593	-2.792	1.122	773.8	31.12	-.1918
#2	3.681	-4.244	1.808	775.0	30.75	-.2334
#3	3.332	-.4867	1.849	772.5	30.69	.0292

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31376-b-9-f@5 Acquired: 9/23/2011 23:51:52 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6713	523.0	4.421
Stddev	.4796	2.7	2.540
%RSD	71.45	.5150	57.47

#1	.8038	522.1	3.185
#2	.1393	526.0	7.343
#3	1.071	520.8	2.735

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2332.5	35497.	5434.3
Stddev	2.0	136.	20.6
%RSD	.08546	.38359	.37896

#1	2332.4	35563.	5437.5
#2	2334.6	35340.	5412.3
#3	2330.6	35587.	5453.1

Sample Name: 460-31402-a-1-b@5 Acquired: 9/23/2011 23:55:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	140.8	1.397	-.3947	246.3	.2861	15300.
Stddev	28.6	.930	.6955	.8	.0395	93.
%RSD	20.32	66.56	176.2	.3448	13.82	.6048

#1	148.7	1.784	.3001	247.2	.2732	15380.
#2	164.6	.3361	-.3933	246.1	.2546	15200.
#3	109.1	2.071	-1.091	245.5	.3305	15320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7208	14.05	31.50	5.832	4039.	1112.
Stddev	.0751	.26	.45	1.242	29.	30.
%RSD	10.42	1.879	1.428	21.29	.7080	2.694

#1	.7792	14.24	31.94	5.734	4049.	1146.
#2	.6360	14.17	31.04	4.643	4062.	1100.
#3	.7472	13.75	31.53	7.120	4007.	1090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-1-b@5 Acquired: 9/23/2011 23:55:39 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1117.	1911.	F 286300.	7.281	75.58	-.9040
Stddev	3.	8.	174.	.386	1.86	1.289
%RSD	.3014	.4036	.0608	5.305	2.462	142.6

#1	1121.	1918.	286100.	7.726	75.49	-2.323
#2	1116.	1903.	286300.	7.081	77.49	.1956
#3	1114.	1911.	286400.	7.036	73.77	-.5846

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2233	-1.415	.5403	357.4	20.06	-.2432
Stddev	1.725	1.181	.2531	1.4	.53	.1590
%RSD	772.6	83.42	46.85	.3881	2.638	65.38

#1	-1.759	-.3276	.6771	358.8	20.17	-.2526
#2	1.383	-1.248	.2482	357.4	20.52	-.0797
#3	1.047	-2.671	.6955	356.0	19.48	-.3972

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-1-b@5 Acquired: 9/23/2011 23:55:39 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6859	52.10	-2.436
Stddev	.2084	.16	.737
%RSD	30.38	.3131	30.23

#1	.6871	52.26	-3.219
#2	.8937	52.11	-2.333
#3	.4769	51.93	-1.757

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2357.5	36005.	5448.4
Stddev	1.1	65.	17.2
%RSD	.04805	.17989	.31583

#1	2357.3	35948.	5434.9
#2	2358.8	36075.	5467.8
#3	2356.6	35993.	5442.5

Sample Name: 460-31402-a-2-b@5 Acquired: 9/23/2011 23:59:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	104.0	5.874	-1.325	116.5	.2820	20850.
Stddev	4.5	2.634	.390	.2	.1178	78.
%RSD	4.321	44.84	29.45	.1542	41.79	.3720

#1	100.3	2.865	-.9096	116.6	.1927	20900.
#2	109.0	7.765	-1.684	116.7	.2377	20880.
#3	102.8	6.992	-1.381	116.3	.4155	20760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1502	6.875	1.228	1.843	125.6	1178.
Stddev	.0773	.232	.853	1.944	5.2	14.
%RSD	51.48	3.371	69.41	105.5	4.147	1.213

#1	.2183	6.611	2.032	1.644	121.0	1168.
#2	.0661	7.046	.3338	.0065	124.6	1195.
#3	.1663	6.967	1.320	3.878	131.3	1173.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-2-b@5 Acquired: 9/23/2011 23:59:25 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	803.7	1320.	F 281700.	2.787	45.75	-.4711
Stddev	2.9	1.	257.	.294	.99	1.374
%RSD	.3634	.0750	.0912	10.54	2.157	291.7

#1	806.7	1321.	282000.	2.883	46.06	.5384
#2	803.4	1320.	281600.	3.020	44.64	-2.036
#3	800.9	1319.	281500.	2.457	46.54	.0846

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.474	-1.021	.9054	246.8	22.90	-.2482
Stddev	2.450	1.609	.2328	1.2	.54	.3475
%RSD	166.2	157.6	25.71	.4831	2.380	140.0

#1	-2.230	-.7653	1.160	247.0	22.29	-.0545
#2	-3.457	.4450	.8513	247.8	23.04	-.0408
#3	1.265	-2.743	.7044	245.5	23.36	-.6494

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-2-b@5 Acquired: 9/23/2011 23:59:25 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3866	56.80	-.2750
Stddev	.5877	.22	.3306
%RSD	152.0	.3890	120.2

#1	.3893	57.05	.0926
#2	.9730	56.69	-.3695
#3	-.2024	56.65	-.5480

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2341.2	35843.	5419.6
Stddev	6.0	83.	5.3
%RSD	.25510	.23276	.09769

#1	2348.1	35897.	5425.2
#2	2337.9	35886.	5419.1
#3	2337.6	35747.	5414.7

Sample Name: 460-31402-a-3-b@5 Acquired: 9/24/2011 0:03:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	138.0	.8793	-.5415	105.5	.3322	13560.
Stddev	9.9	1.279	.6228	.1	.1411	33.
%RSD	7.196	145.5	115.0	.1299	42.46	.2431

#1	130.2	2.354	-.6810	105.4	.1693	13570.
#2	149.2	.2103	.1393	105.4	.4122	13520.
#3	134.6	.0735	-1.083	105.7	.4152	13580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3992	5.549	9.342	-1.850	1902.	1044.
Stddev	.1309	.253	.444	2.958	11.	37.
%RSD	32.79	4.553	4.747	159.9	.5980	3.531

#1	.4386	5.397	9.805	-.7042	1903.	1067.
#2	.5058	5.409	8.921	.3642	1890.	1001.
#3	.2531	5.841	9.300	-5.209	1913.	1063.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-3-b@5 Acquired: 9/24/2011 0:03:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	953.5	509.7	F 279700.	3.824	22.20	-.2856
Stddev	4.3	.3	150.	.160	1.39	2.320
%RSD	.4527	.0558	.0536	4.173	6.272	812.4

#1	954.7	509.3	279800.	3.640	23.45	-1.608
#2	957.0	509.9	279700.	3.923	22.46	-1.643
#3	948.7	509.8	279500.	3.909	20.70	2.393

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0659	-.4224	.6539	120.2	24.23	-.2250
Stddev	4.291	1.850	.1001	.4	.30	.1132
%RSD	6512.	438.0	15.31	.2929	1.220	50.32

#1	-1.457	1.246	.7694	119.9	24.56	-.0944
#2	-3.256	-2.412	.5997	120.6	24.15	-.2950
#3	4.911	-.1015	.5925	120.1	23.98	-.2855

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-3-b@5 Acquired: 9/24/2011 0:03:13 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.7327	46.92	-1.079
Stddev	.7510	.16	1.795
%RSD	102.5	.3306	166.4

#1	1.266	46.91	-.5983
#2	1.058	46.77	.4272
#3	-.1262	47.08	-3.065

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2337.8	35659.	5351.3
Stddev	3.3	119.	11.6
%RSD	.13980	.33251	.21694

#1	2341.3	35793.	5360.7
#2	2337.3	35612.	5354.8
#3	2334.8	35571.	5338.3

Sample Name: 460-31402-a-12-b@5 Acquired: 9/24/2011 0:06:59 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	140.6	4.234	-4653	308.6	.0613	20810.
Stddev	18.4	1.595	1.416	.1	.0322	40.
%RSD	13.06	37.68	304.2	.0293	52.60	.1913

#1	161.7	3.467	1.144	308.7	.0273	20790.
#2	128.5	6.068	-1.516	308.5	.0651	20790.
#3	131.5	3.167	-1.024	308.7	.0915	20860.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.905	12.67	24.16	26.15	333.9	1085.
Stddev	.042	.37	.20	3.27	3.9	14.
%RSD	2.207	2.950	.8088	12.50	1.155	1.272

#1	1.857	12.38	24.12	24.88	336.5	1090.
#2	1.936	13.09	24.37	23.71	335.7	1095.
#3	1.923	12.54	23.98	29.86	329.5	1069.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-12-b@5 Acquired: 9/24/2011 0:06:59 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1575.	1149.	F 274400.	21.42	125.2	-1.015
Stddev	3.	3.	410.	.54	1.2	3.233
%RSD	.1998	.2254	.1494	2.507	.9801	318.4

#1	1575.	1149.	274300.	21.25	124.5	-4.303
#2	1579.	1151.	274000.	22.02	126.6	-.9023
#3	1573.	1146.	274800.	20.99	124.6	2.160

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.337	-2.027	.8413	399.1	31.63	-.1812
Stddev	1.299	.321	.4212	.6	.51	.1316
%RSD	97.16	15.82	50.06	.1619	1.607	72.61

#1	.9064	-1.881	.7021	399.7	31.04	-.3329
#2	2.797	-1.805	.5073	398.4	31.87	-.0989
#3	.3081	-2.395	1.314	399.2	31.97	-.1117

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-12-b@5 Acquired: 9/24/2011 0:06:59 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1524	90.26	.1412
Stddev	.8947	.08	.3865
%RSD	587.2	.0907	273.8

#1	-.8667	90.19	.2530
#2	.8091	90.25	-.2889
#3	.5147	90.35	.4595

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2332.7	35749.	5369.2
Stddev	5.5	75.	24.6
%RSD	.23677	.20951	.45881

#1	2339.0	35778.	5397.0
#2	2330.8	35664.	5360.5
#3	2328.5	35805.	5350.1

Sample Name: CCV Acquired: 9/24/2011 0:10:48 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127500.	2513.	1231.	10250.	1009.	128800.
Stddev	191.	9.	2.	11.	1.	52.
%RSD	.1495	.3429	.1283	.1112	.0763	.0402

#1	127600.	2515.	1233.	10250.	1009.	128800.
#2	127600.	2504.	1230.	10230.	1010.	128800.
#3	127300.	2521.	1231.	10250.	1008.	128900.

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	1282.	2533.	5024.	12650.	99700.	50840.
Stddev	2.	3.	6.	15.	199.	37.
%RSD	.1400	.1040	.1172	.1153	.1996	.0727

#1	1282.	2535.	5027.	12630.	99660.	50850.
#2	1280.	2530.	5018.	12660.	99530.	50800.
#3	1283.	2534.	5029.	12650.	99920.	50870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/24/2011 0:10:48 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	5107.	124700.	2563.	7660.	1025.
Stddev	162.	5.	201.	2.	4.	1.
%RSD	.1303	.1039	.1612	.0968	.0464	.0713

#1	123900.	5113.	124500.	2564.	7660.	1026.
#2	123800.	5105.	124800.	2561.	7657.	1024.
#3	124100.	5103.	124700.	2566.	7664.	1025.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2465.	2561.	2478.	2535.	1016.	2565.
Stddev	10.	2.	4.	3.	1.	3.
%RSD	.3858	.0911	.1807	.1094	.0766	.1194

#1	2471.	2563.	2479.	2536.	1016.	2568.
#2	2454.	2558.	2473.	2531.	1016.	2562.
#3	2469.	2561.	2482.	2536.	1017.	2565.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/24/2011 0:10:48 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1015.	5105.	9998.
Stddev	1.	7.	5.
%RSD	.1417	.1289	.0452

#1	1016.	5104.	10000.
#2	1014.	5099.	9999.
#3	1016.	5112.	9993.

Check ?	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	2259.7	35443.	5308.5
Stddev	1.6	70.	22.3
%RSD	.07265	.19765	.41924

#1	2260.8	35418.	5334.2
#2	2260.5	35523.	5295.3
#3	2257.8	35389.	5296.0

Sample Name: CCB Acquired: 9/24/2011 0:14:18 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8572	-1.382	-.3831	.2713	.1399	-11.66
Stddev	18.23	3.614	.1512	.1818	.0643	14.94
%RSD	2126.	261.5	39.46	67.01	45.97	128.1

#1	14.64	-4.453	-.2501	.4599	.1863	1.795
#2	3.733	2.600	-.3516	.2567	.1668	-27.74
#3	-20.94	-2.293	-.5475	.0972	.0665	-9.045

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0501	.2308	-.2623	2.608	6.437	113.5
Stddev	.0803	.3121	.5781	4.034	10.73	15.6
%RSD	160.5	135.2	220.4	154.7	166.7	13.75

#1	.0429	-.1076	.3285	-1.683	12.54	127.4
#2	.1337	.2929	-.8267	6.324	12.72	96.64
#3	-.0264	.5072	-.2888	3.183	-5.953	116.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/24/2011 0:14:18 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.700	.1535	52.03	.0587	-.1614	.5041
Stddev	1.041	.0906	14.43	.1514	.3934	2.011
%RSD	61.22	59.00	27.74	258.0	243.8	398.9
#1	2.019	.2580	52.09	.1826	.2900	-1.575
#2	2.544	.1043	37.57	.1035	-.3423	2.438
#3	.5369	.0982	66.43	-.1101	-.4318	.6491

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.915	.8181	.9872	.2302	1.871	4.267
Stddev	2.110	1.508	.3907	.1912	.385	.392
%RSD	110.2	184.3	39.57	83.04	20.56	9.193
#1	3.403	1.272	1.413	.2818	1.976	4.340
#2	2.841	-.8647	.9046	.3904	2.192	4.618
#3	-.4999	2.047	.6445	.0186	1.444	3.844

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/24/2011 0:14:18 Type: QC
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6721	.1706	.8562
Stddev	.2693	.1996	.8589
%RSD	40.06	117.0	100.3

#1	.9629	.3528	-.1269
#2	.4314	.2017	1.461
#3	.6222	-.0427	1.234

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2440.8	38756.	5369.5
Stddev	.6	28.	29.3
%RSD	.02434	.07189	.54572

#1	2440.9	38788.	5397.4
#2	2441.3	38743.	5372.0
#3	2440.1	38736.	5339.0

Sample Name: 460-31402-a-13-b@5 Acquired: 9/24/2011 0:18:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	106.9	3.750	-.5359	290.4	.1387	22930.
Stddev	2.7	.455	.6460	.3	.0488	121.
%RSD	2.505	12.15	120.5	.0915	35.21	.5270

#1	107.3	4.119	.1995	290.4	.1917	22800.
#2	104.0	3.889	-1.012	290.1	.1289	23040.
#3	109.3	3.241	-.7955	290.6	.0955	22940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8706	8.132	4.725	1.938	1414.	1181.
Stddev	.0570	.284	.517	3.765	7.	14.
%RSD	6.549	3.497	10.95	194.3	.5212	1.211

#1	.9261	8.453	4.297	-2.348	1415.	1195.
#2	.8122	8.035	4.579	4.713	1406.	1167.
#3	.8735	7.910	5.300	3.450	1421.	1180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-13-b@5 Acquired: 9/24/2011 0:18:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1887.	1735.	F 280900.	8.420	481.1	.9875
Stddev	5.	4.	224.	.304	1.1	.5027
%RSD	.2751	.2110	.0799	3.613	.2305	50.91

#1	1888.	1732.	280800.	8.196	482.3	1.260
#2	1892.	1739.	281200.	8.766	480.1	1.295
#3	1882.	1735.	280700.	8.299	480.9	.4074

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.180	-2.892	.6225	378.5	32.68	.9607
Stddev	2.911	1.285	.0916	.6	.21	.0584
%RSD	69.63	44.44	14.71	.1696	.6448	6.079

#1	1.375	-2.906	.5530	378.8	32.86	1.010
#2	7.186	-1.601	.7263	378.8	32.45	.9756
#3	3.980	-4.171	.5883	377.7	32.75	.8963

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-13-b@5 Acquired: 9/24/2011 0:18:13 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.9452	89.21	-.7496
Stddev	1.139	.47	.9995
%RSD	120.5	.5223	133.3

#1	1.453	88.70	-1.812
#2	1.742	89.62	.1713
#3	-.3596	89.30	-.6076

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2328.3	35967.	5371.1
Stddev	3.8	64.	17.9
%RSD	.16338	.17813	.33318

#1	2332.1	36041.	5384.3
#2	2328.5	35936.	5350.7
#3	2324.5	35925.	5378.3

Sample Name: 460-31402-a-14-b@5 Acquired: 9/24/2011 0:21:58 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	220.7	1.392	-.5363	266.5	.1384	23690.
Stddev	12.7	.975	.2976	.7	.0773	38.
%RSD	5.767	70.01	55.50	.2722	55.88	.1591

#1	218.5	.2703	-.7151	266.7	.0516	23720.
#2	209.2	2.031	-.1927	267.2	.1633	23650.
#3	234.4	1.875	-.7011	265.7	.2001	23710.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.173	8.088	7.955	53.74	2867.	1090.
Stddev	.079	.271	.126	2.41	2.	30.
%RSD	6.696	3.352	1.585	4.491	.0523	2.789

#1	1.159	8.401	7.829	52.68	2866.	1080.
#2	1.258	7.917	7.957	56.51	2869.	1124.
#3	1.103	7.946	8.081	52.04	2866.	1065.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-14-b@5 Acquired: 9/24/2011 0:21:58 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1122.	769.4	F 286200.	13.14	526.6	1.722
Stddev	2.	.2	855.	.48	.8	.704
%RSD	.1594	.0298	.2987	3.622	.1460	40.86

#1	1121.	769.6	287100.	13.50	526.3	1.109
#2	1120.	769.5	286100.	12.60	527.5	1.566
#3	1124.	769.1	285400.	13.31	526.0	2.490

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.266	-3.411	.8287	1116.	27.81	.2056
Stddev	.361	1.020	.3257	1.	.32	.2779
%RSD	15.93	29.91	39.30	.1113	1.137	135.2

#1	2.630	-2.243	.7370	1117.	27.93	-.0310
#2	2.258	-3.860	.5587	1115.	27.45	.1360
#3	1.908	-4.130	1.190	1115.	28.04	.5117

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-14-b@5 Acquired: 9/24/2011 0:21:58 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8356	122.6	1.878
Stddev	.7140	.3	1.225
%RSD	85.45	.2816	65.24

#1	.0844	122.6	.8895
#2	1.505	122.2	3.249
#3	.9170	122.9	1.496

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2322.2	35726.	5339.6
Stddev	8.1	141.	25.1
%RSD	.34901	.39538	.47033

#1	2330.7	35571.	5321.8
#2	2321.5	35846.	5368.3
#3	2314.5	35763.	5328.6

Sample Name: 460-31402-a-15-b@5 Acquired: 9/24/2011 0:25:42 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	292.4	6.352	-.2423	178.3	.3530	26400.
Stddev	20.8	2.203	.7830	.4	.0483	83.
%RSD	7.097	34.69	323.1	.2103	13.69	.3156

#1	279.8	5.522	.1758	178.6	.3721	26350.
#2	316.4	4.684	.2428	178.5	.2980	26360.
#3	281.1	8.850	-1.146	177.9	.3889	26500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0435	7.613	2.143	-.4591	10650.	1471.
Stddev	.0223	.316	.185	3.959	27.	24.
%RSD	51.27	4.147	8.611	862.2	.2540	1.620

#1	-.0180	7.266	2.346	-.0304	10680.	1489.
#2	-.0530	7.690	2.095	-4.615	10640.	1479.
#3	-.0595	7.883	1.986	3.268	10620.	1444.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-15-b@5 Acquired: 9/24/2011 0:25:42 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	983.8	3073.	F 264000.	12.68	588.0	1.533
Stddev	5.1	9.	631.	.51	2.3	.924
%RSD	.5153	.2773	.2389	4.047	.3963	60.28

#1	989.4	3076.	263800.	12.29	588.0	1.204
#2	979.6	3079.	263500.	13.26	590.4	2.577
#3	982.5	3063.	264800.	12.48	585.7	.8187

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.246	-.1282	.5044	1258.	30.42	.4832
Stddev	2.039	1.035	.3964	3.	.41	.0885
%RSD	163.6	807.1	78.59	.2198	1.345	18.31

#1	-3.057	.4471	.0471	1258.	30.73	.4452
#2	-1.644	.4913	.7506	1260.	29.95	.4200
#3	.9617	-1.323	.7156	1255.	30.56	.5843

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-15-b@5 Acquired: 9/24/2011 0:25:42 Type: Unk
 Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.420	116.8	3.776
Stddev	.371	.3	1.784
%RSD	10.83	.2746	47.24

#1	3.286	116.6	3.890
#2	3.839	116.7	1.938
#3	3.136	117.2	5.501

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	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	35689.	5270.6
Stddev	7.2	57.	42.6
%RSD	.31081	.15872	.80903

#1	2320.3	35730.	5298.4
#2	2308.7	35712.	5291.9
#3	2307.2	35624.	5221.5

Sample Name: 460-31402-a-16-b@5 Acquired: 9/24/2011 0:29:26 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	132.7	7.216	-.1045	110.3	.2799	16080.
Stddev	5.4	1.041	.9204	.3	.0344	83.
%RSD	4.086	14.43	881.0	.2395	12.28	.5179

#1	129.7	6.078	-.8547	110.4	.3191	16010.
#2	129.5	8.122	-.3813	110.5	.2657	16170.
#3	139.0	7.448	.9226	110.0	.2549	16070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3919	4.842	1.832	3.939	4469.	900.4
Stddev	.0911	.364	.072	2.336	7.	27.1
%RSD	23.23	7.508	3.936	59.31	.1591	3.008

#1	.4804	4.934	1.899	1.365	4473.	892.6
#2	.3967	5.152	1.756	4.527	4473.	930.5
#3	.2985	4.442	1.842	5.924	4461.	878.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-16-b@5 Acquired: 9/24/2011 0:29:26 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	756.0	1368.	F 287900.	6.574	139.3	-.7975
Stddev	3.4	2.	544.	.259	1.0	2.781
%RSD	.4504	.1259	.1891	3.935	.7482	348.7

#1	755.8	1366.	287400.	6.473	138.1	-2.776
#2	752.6	1368.	288500.	6.868	140.2	-1.998
#3	759.4	1369.	288000.	6.380	139.4	2.382

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.307	-2.724	1.117	898.2	22.19	.5330
Stddev	2.216	.894	.047	3.0	.19	.0872
%RSD	169.6	32.84	4.182	.3331	.8581	16.37

#1	.0488	-2.123	1.162	901.3	22.15	.4948
#2	-.1051	-2.296	1.119	898.0	22.02	.6328
#3	-3.864	-3.752	1.069	895.3	22.40	.4713

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-16-b@5 Acquired: 9/24/2011 0:29:26 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2463	71.60	-1.006
Stddev	.3189	.40	.799
%RSD	129.5	.5520	79.46

#1	.3921	71.53	-.0848
#2	.4663	72.02	-1.416
#3	-.1194	71.24	-1.517

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2303.4	35515.	5245.7
Stddev	1.2	51.	26.3
%RSD	.05175	.14323	.50059

#1	2303.3	35543.	5275.9
#2	2302.2	35546.	5233.1
#3	2304.6	35456.	5228.1

Sample Name: 460-31402-a-17-b@5 Acquired: 9/24/2011 0:33:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.1	.8938	-.7779	196.6	.3252	31680.
Stddev	3.3	.3638	.1242	.5	.1108	117.
%RSD	1.656	40.71	15.96	.2509	34.05	.3679

#1	200.8	1.308	-.7660	196.0	.4118	31800.
#2	194.6	.7460	-.9076	196.8	.3635	31570.
#3	195.9	.6271	-.6601	196.9	.2004	31680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2470	8.983	2.187	-1.931	17130.	1680.
Stddev	.0782	.155	.482	2.073	28.	5.
%RSD	31.66	1.721	22.05	107.4	.1608	.2750

#1	-.2435	8.946	2.699	-4.316	17110.	1682.
#2	-.1706	9.152	1.741	-.9146	17160.	1675.
#3	-.3269	8.850	2.122	-.5615	17120.	1684.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-17-b@5 Acquired: 9/24/2011 0:33:13 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1120.	4050.	F 290100.	15.43	392.7	1.163
Stddev	1.	7.	1086.	.56	1.9	2.406
%RSD	.0588	.1784	.3742	3.620	.4785	206.8

#1	1120.	4054.	289500.	16.01	390.5	.4194
#2	1120.	4054.	289600.	15.38	393.8	-.7826
#3	1119.	4041.	291400.	14.89	393.7	3.853

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.143	-2.686	-.2422	1430.	31.70	-.5499
Stddev	2.851	.232	.2772	4.	.17	.2387
%RSD	133.1	8.625	114.4	.2650	.5471	43.40

#1	.9072	-2.519	.0239	1425.	31.83	-.8042
#2	.1174	-2.589	-.2212	1432.	31.50	-.5147
#3	5.403	-2.951	-.5293	1431.	31.78	-.3308

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31402-a-17-b@5 Acquired: 9/24/2011 0:33:13 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.826	143.8	-.9531
Stddev	.734	.4	1.454
%RSD	40.18	.2626	152.5

#1	2.672	144.2	-2.169
#2	1.439	143.6	-1.348
#3	1.366	143.6	.6575

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2290.9	35365.	5193.2
Stddev	7.2	100.	27.9
%RSD	.31424	.28303	.53814

#1	2299.1	35479.	5169.2
#2	2288.0	35292.	5223.9
#3	2285.6	35324.	5186.5

Sample Name: lb 460-87027/1-c@5 Acquired: 9/24/2011 0:36:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.978	1.389	-.6392	.8762	-.1067	8.526
Stddev	8.574	2.737	.1920	.0865	.0745	7.855
%RSD	143.4	197.0	30.03	9.871	69.88	92.13

#1	1.472	-.0103	-.4384	.9630	-.0260	2.417
#2	.5970	4.543	-.8209	.7900	-.1729	17.39
#3	15.87	-.3650	-.6585	.8755	-.1211	5.775

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1414	-.4004	-.3308	1.037	4.069	73.64
Stddev	.1044	.2120	.2386	2.166	5.015	28.28
%RSD	73.82	52.94	72.11	208.8	123.2	38.40

#1	.2603	-.2269	-.0642	.6585	9.792	78.80
#2	.0995	-.3376	-.4043	-.9140	1.974	43.14
#3	.0645	-.6366	-.5241	3.368	.4412	98.98

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87027/1-c@5 Acquired: 9/24/2011 0:36:56 Type: Unk

Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.136	.1521	F 274800.	2.100	.0546	-1.462
Stddev	3.480	.0366	507.	.381	1.198	.709
%RSD	162.9	24.06	.1844	18.12	2191.	48.52

#1	1.863	.1709	274500.	2.517	-.7420	-1.091
#2	5.744	.1100	275400.	2.011	-.5259	-1.014
#3	-1.200	.1756	274600.	1.771	1.432	-2.279

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.019	-2.978	.2804	1.238	1.174	-.2755
Stddev	1.180	.480	.4216	.062	1.081	.1524
%RSD	39.08	16.13	150.3	5.017	92.09	55.30

#1	1.938	-2.773	.4350	1.175	.2474	-.1270
#2	4.278	-3.526	-.1967	1.240	2.362	-.2679
#3	2.842	-2.633	.6030	1.299	.9131	-.4315

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87027/1-c@5 Acquired: 9/24/2011 0:36:56 Type: Unk
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6634	.0698	-1.331
Stddev	.7078	.0296	1.342
%RSD	106.7	42.43	100.8

#1	-.1430	.0819	-2.738
#2	.9513	.0360	-.0655
#3	1.182	.0914	-1.191

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2308.4	35700.	5251.6
Stddev	5.7	147.	33.3
%RSD	.24703	.41076	.63496

#1	2312.5	35845.	5281.2
#2	2310.7	35703.	5215.5
#3	2301.9	35552.	5257.9

Sample Name: CCV Acquired: 9/24/2011 0:40:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	129700.	2536.	1239.	10370.	1025.	130700.
Stddev	732.	11.	2.	13.	6.	809.
%RSD	.5642	.4296	.1775	.1274	.5383	.6195

#1	129100.	2524.	1237.	10360.	1020.	129900.
#2	130500.	2538.	1238.	10380.	1031.	131500.
#3	129500.	2546.	1242.	10380.	1023.	130500.

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	1297.	2563.	5052.	12830.	99970.	51650.
Stddev	2.	4.	15.	77.	347.	415.
%RSD	.1610	.1558	.2945	.6037	.3475	.8038

#1	1295.	2559.	5043.	12760.	99790.	51270.
#2	1298.	2565.	5044.	12910.	99740.	52090.
#3	1298.	2566.	5069.	12820.	100400.	51610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/24/2011 0:40:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124200.	5156.	126200.	2590.	7749.	1032.
Stddev	519.	21.	662.	4.	13.	1.
%RSD	.4179	.4017	.5248	.1491	.1615	.1411

#1	123800.	5140.	125900.	2586.	7735.	1032.
#2	124000.	5149.	127000.	2594.	7754.	1031.
#3	124800.	5179.	125800.	2591.	7758.	1034.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2488.	2579.	2493.	2565.	1026.	2598.
Stddev	13.	9.	5.	3.	5.	4.
%RSD	.5117	.3636	.2168	.1294	.5007	.1612

#1	2475.	2572.	2489.	2561.	1020.	2595.
#2	2501.	2589.	2490.	2568.	1028.	2603.
#3	2487.	2574.	2499.	2566.	1029.	2596.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/24/2011 0:40:50 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1027.	5180.	10090.
Stddev	5.	33.	54.
%RSD	.4938	.6459	.5336

#1	1022.	5147.	10060.
#2	1032.	5213.	10160.
#3	1027.	5179.	10070.

Check ?	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	2232.7	35074.	5207.8
Stddev	4.0	211.	48.2
%RSD	.17807	.60059	.92463

#1	2234.3	35297.	5249.5
#2	2235.7	35047.	5155.1
#3	2228.2	34878.	5218.7

Sample Name: CCB Acquired: 9/24/2011 0:44:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6040	-.5654	-.4657	.1395	-.0654	-15.81
Stddev	5.711	2.513	.1108	.1243	.1903	6.38
%RSD	945.5	444.4	23.79	89.10	291.0	40.38
#1	6.480	-2.318	-.3655	.1124	-.1407	-22.15
#2	.2582	-1.692	-.4470	.2751	-.2066	-9.383
#3	-4.926	2.313	-.5847	.0310	.1511	-15.89

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0260	.0665	-.3211	1.233	6.421	82.21
Stddev	.0218	.1499	.3138	1.151	16.82	44.59
%RSD	83.66	225.3	97.72	93.31	261.9	54.24
#1	.0363	.0576	-.0875	2.536	25.75	68.21
#2	.0010	-.0787	-.1981	.8034	-1.639	132.1
#3	.0407	.2207	-.6778	.3591	-4.847	46.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/24/2011 0:44:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.709	.1146	68.93	.1565	.3758	2.040
Stddev	3.943	.0697	11.15	.1369	2.154	.720
%RSD	145.5	60.83	16.17	87.45	573.3	35.27

#1	6.661	.1842	58.41	.1533	2.788	2.178
#2	-1.225	.1148	67.75	.0212	-.3024	1.262
#3	2.693	.0448	80.62	.2949	-1.358	2.681

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.2668	-1.986	.4388	.2323	1.757	4.614
Stddev	1.483	1.067	.1922	.1569	.464	.170
%RSD	556.0	53.72	43.79	67.56	26.38	3.673

#1	-1.946	-2.172	.6102	.4012	1.878	4.501
#2	.2815	-2.947	.2311	.0910	2.147	4.808
#3	.8644	-.8383	.4752	.2047	1.245	4.532

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/24/2011 0:44:19 Type: QC
Method: SW84609192011(v7) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6833	.2592	2.779
Stddev	.5897	.1001	.120
%RSD	86.31	38.61	4.309

#1	1.018	.3747	2.740
#2	.0024	.1983	2.684
#3	1.029	.2046	2.914

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2410.6	38238.	5256.7
Stddev	5.9	144.	31.2
%RSD	.24518	.37704	.59337

#1	2406.0	38083.	5280.2
#2	2417.3	38263.	5221.3
#3	2408.5	38368.	5268.5

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		20:33:22	21 Sep 11	HG	
Hg	.000	ppb	-29						=
*** Standard: 2 Rep: 1				Seq: 2		20:35:20	21 Sep 11	HG	
Hg	.100	ppb	125						=
*** Standard: 3 Rep: 1				Seq: 3		20:37:16	21 Sep 11	HG	
Hg	1.00	ppb	2636						=
*** Standard: 4 Rep: 1				Seq: 4		20:39:00	21 Sep 11	HG	
Hg	2.00	ppb	5354						=
*** Standard: 5 Rep: 1				Seq: 5		20:41:06	21 Sep 11	HG	
Hg	5.00	ppb	13479						=
*** Standard: 6 Rep: 1				Seq: 6		20:42:55	21 Sep 11	HG	
Hg	10.0	ppb	26466						=
*** Check Standard: 3 Ck3AICV				Seq: 7		20:45:13	21 Sep 11	HG	
Line Flag %Rcv. Found True Units SD/RSD									=
Hg		103.	5.14	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		20:47:09	21 Sep 11	HG	
Line Flag Found Range(+/-) Units SD/RSD									=
Hg		.066	.200	ppb	.000				=
*** Sample ID:				Seq: 9		20:48:52	21 Sep 11	HG	
			mb 460-86855/10-a						=
Hg	.074	ppb	.000	.074					=
*** Sample ID: lcssrm 460				Seq: 10		20:50:47	21 Sep 11	HG	
			-86855/11-a@10						=
Hg	5.19	ppb	.000	5.19					=
*** Sample ID:				Seq: 11		20:52:33	21 Sep 11	HG	
			460-31372-a-9-a						=
Hg	.119	ppb	.000	.119					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12		20:54:21	21 Sep 11	HG	
			460-31372-a-9-b du						=
Hg	.158	ppb	.000	.158					=
*** Sample ID:				Seq: 13		20:56:07	21 Sep 11	HG	
			460-31372-b-9-a ms						=


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*** Sample ID:                               Seq: 28      21:25:46 21 Sep 11  HG
                                460-31372-b-2-a
Hg      .087      ppb      .000      .087

*** Sample ID:                               Seq: 29      21:28:21 21 Sep 11  HG
                                460-31372-b-3-a
Hg      .118      ppb      .000      .118

*** Sample ID:                               Seq: 30      21:30:19 21 Sep 11  HG
                                460-31372-b-4-a
Hg      .818      ppb      .000      .818

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:32:16 21 Sep 11  HG
Line  Flag  %Rcv.  Found  True  Units  SD/RSD
Hg      110.    5.52  5.00  ppb      .000

*** Check Standard: 1  Ck1ICB/CCB  Seq: 32      21:34:03 21 Sep 11  HG
Line  Flag  Found Range(+/-) Units  SD/RSD
Hg      .094    .200    ppb      .000

*** Sample ID:                               Seq: 33      21:36:21 21 Sep 11  HG
                                460-31372-b-5-a
Hg      .136      ppb      .000      .136

*** Sample ID:                               Seq: 34      21:38:07 21 Sep 11  HG
                                460-31372-b-6-a
Hg      .107      ppb      .000      .107

*** Sample ID:                               Seq: 35      21:40:16 21 Sep 11  HG
                                460-31372-b-7-a
Hg      .092      ppb      .000      .092

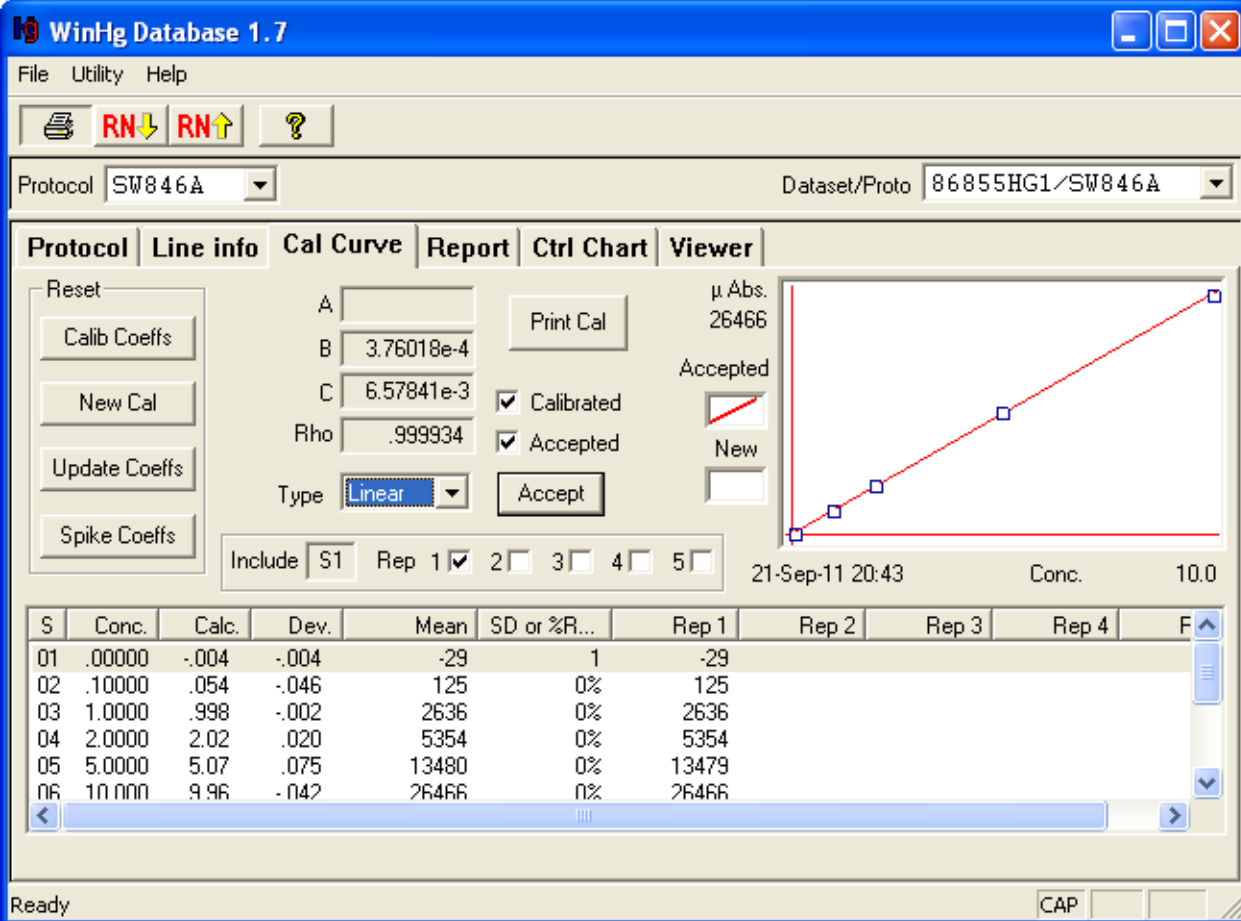
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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:								
Hg	.114	ppb	.000	.114				
*** Sample ID:								
Hg	6.82	ppb	.000	6.82				
*** Sample ID:								
Hg	5.58	ppb	.000	5.58				
*** Sample ID:								
Hg	-.146	ppb	.000	-.146				
*** Check Standard: 2 Ck2ACCV								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 110. 5.52 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.009 .200 ppb .000								



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		20:33:22	21 Sep 11	HG
Hg	.000	ppb	-29					
*** Standard: 2 Rep: 1				Seq: 2		20:35:20	21 Sep 11	HG
Hg	.100	ppb	125					
*** Standard: 3 Rep: 1				Seq: 3		20:37:16	21 Sep 11	HG
Hg	1.00	ppb	2636					
*** Standard: 4 Rep: 1				Seq: 4		20:39:00	21 Sep 11	HG
Hg	2.00	ppb	5354					
*** Standard: 5 Rep: 1				Seq: 5		20:41:06	21 Sep 11	HG
Hg	5.00	ppb	13479					
*** Standard: 6 Rep: 1				Seq: 6		20:42:55	21 Sep 11	HG
Hg	10.0	ppb	26466					
*** Check Standard: 3			Ck3AICV	Seq: 7		20:45:13	21 Sep 11	HG
Line Flag			Intensities					
Hg			13640					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8		20:47:09	21 Sep 11	HG
Line Flag			Intensities					
Hg			159					
*** Sample ID:				Seq: 9		20:48:52	21 Sep 11	HG
				mb 460-86855/10-a				
Hg	.074	ppb	180					

*** Sample ID: lcssrm 460 Seq: 10 20:50:47 21 Sep 11 HG
 -86855/11-a@10
 Hg 5.19 ppb 13779

*** Sample ID: Seq: 11 20:52:33 21 Sep 11 HG
 460-31372-a-9-a
 Hg .119 ppb 299

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 12		20:54:21	21 Sep 11	HG
				460-31372-a-9-b du				
Hg	.158	ppb	403					
*** Sample ID:				Seq: 13		20:56:07	21 Sep 11	HG
				460-31372-b-9-a ms				

*** Sample ID:		Seq: 28	21:25:46	21 Sep 11	HG	
Hg	.087 ppb	213	460-31372-b-2-a			=
*** Sample ID:		Seq: 29	21:28:21	21 Sep 11	HG	
Hg	.118 ppb	296	460-31372-b-3-a			=
*** Sample ID:		Seq: 30	21:30:19	21 Sep 11	HG	
Hg	.818 ppb	2159	460-31372-b-4-a			=
*** Check Standard: 2	Ck2ACCV	Seq: 31	21:32:16	21 Sep 11	HG	
Line Flag	Intensities					=
Hg	14663					=
*** Check Standard: 1	Ck1ICB/CCB	Seq: 32	21:34:03	21 Sep 11	HG	
Line Flag	Intensities					=
Hg	232					=
*** Sample ID:		Seq: 33	21:36:21	21 Sep 11	HG	
Hg	.136 ppb	344	460-31372-b-5-a			=
*** Sample ID:		Seq: 34	21:38:07	21 Sep 11	HG	
Hg	.107 ppb	268	460-31372-b-6-a			=
*** Sample ID:		Seq: 35	21:40:16	21 Sep 11	HG	
Hg	.092 ppb	226	460-31372-b-7-a			=

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.114 ppb	286	460-31372-b-8-a			21:42:23	21 Sep 11	HG
*** Sample ID:								
Hg	6.82 ppb	18108	460-31368-a-6-b@2			21:44:19	21 Sep 11	HG
*** Sample ID:								
Hg	5.58 ppb	14821	460-31378-a-6-a			21:46:14	21 Sep 11	HG
*** Sample ID:								
Hg	-.146 ppb	-405	SD 460-31372-a-9-a@5			21:48:01	21 Sep 11	HG
*** Check Standard: 2	Ck2ACCV	Seq: 40	21:49:47	21 Sep 11	HG			
Line Flag	Intensities							
Hg	14675							
*** Check Standard: 1	Ck1ICB/CCB	Seq: 41	21:52:00	21 Sep 11	HG			
Line Flag	Intensities							
Hg	-42							

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 87058 Batch Start Date: 09/23/11 07:13 Batch Analyst: Chen, MandiBatch Method: 3050B Batch End Date: 09/23/11 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026	ME_LCSS_62 00014		
MB 460-87058/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-87058/2		3050B, 6010B		1.00 g	50 mL		1 g		
460-31372-B-9 DU		3050B, 6010B	T	1.05 g	50 mL				
460-31372-B-9 MS		3050B, 6010B	T	1.02 g	50 mL	2 mL			
460-31330-A-1	SO-17338-091411- MM-07	3050B, 6010B	T	1.00 g	50 mL				
460-31330-A-4	SO-17338-091411- MM-10	3050B, 6010B	T	1.00 g	50 mL				

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K11J09
Lot # of hydrochloric acid	K14068
Logbook ID for diluted Nitric	MPR183
Lot # of Nitric Acid	K15028
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-3

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 86855 Batch Start Date: 09/21/11 18:00 Batch Analyst: Staib, Thomas

Batch Method: 7471A Batch End Date: 09/21/11 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00631	ME_DQCS-INT 00324	ME_LCSS_62 00014	
ICV 460-86855/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-86855/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-86855/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-86855/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-31372-A-9 DU		7471A, 7471A	T	0.60 g	100 mL				
460-31372-B-9 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-31330-E-1	SO-17338-091411-MM-07	7471A, 7471A	T	0.60 g	100 mL				
460-31330-E-4	SO-17338-091411-MM-10	7471A, 7471A	T	0.63 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	J52473
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Blank Soil Lot Number	D062-540
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01369
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01371
NaCL Lot #	J15605
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01368
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-31330-1

SDG No.: _____

Project: Former GM

Client Sample ID	Lab Sample ID
<u>SO-17338-091411-MM-07</u>	<u>460-31330-1</u>
<u>SO-17338-091411-MM-08</u>	<u>460-31330-2</u>
<u>SO-17338-091411-MM-09</u>	<u>460-31330-3</u>
<u>SO-17338-091411-MM-10</u>	<u>460-31330-4</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-31330-1
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: 460-31330-1
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	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/21/2011 12:58 End Date: 09/22/2011 00:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/21/2011 12:58 End Date: 09/22/2011 00:37

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
ZZZZZZ			13:51																
ZZZZZZ			13:51																
ZZZZZZ			13:51																
ZZZZZZ			13:51																
ZZZZZZ			13:51																
ZZZZZZ			13:51																
ZZZZZZ			13:51																
460-31330-2	1	T	13:51	X	X														
460-31330-1	1	T	13:51	X	X														
460-31330-3	1	T	13:51	X	X														
460-31330-4	1	T	13:51	X	X														
ZZZZZZ			14:33																
ZZZZZZ			14:33																
ZZZZZZ			14:33																
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/21/2011 12:58 End Date: 09/22/2011 00:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/21/2011 12:58 End Date: 09/22/2011 00:37

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/21/2011 12:58 End Date: 09/22/2011 00:37

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:36																		
ZZZZZZ			00:37																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31330-1

SDG No.: _____

Batch Number: 86809 Batch Start Date: 09/21/11 12:58 Batch Analyst: Armbruster, ChrisBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-31340-D-10 DU		Moisture	T	41	1.00 g	6.21 g	5.26 g		
460-31330-B-2	SO-17338-091411-MM-08	Moisture	T	50	1.01 g	6.05 g	5.58 g		
460-31330-B-1	SO-17338-091411-MM-07	Moisture	T	51	0.99 g	6.61 g	6.20 g		
460-31330-B-3	SO-17338-091411-MM-09	Moisture	T	52	0.99 g	6.43 g	5.62 g		
460-31330-B-4	SO-17338-091411-MM-10	Moisture	T	53	0.99 g	6.38 g	5.61 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/21/11
Oven Temp when samples are put in oven	105, 104 Degrees C
Date samples were removed from oven	9/22/11
Oven Temp when samples removed from oven	102, 100 Degrees C
Time Samples were removed from oven	10:01
Oven ID	1, 2
ID number of the thermometer	1895, 1840

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Page ____ of ____

Name (for report and invoice) CHAS BINGON		Samplers Name (Printed) M. Nyle		Site/Project Identification VALMER CM	
Company CNA		P.O.# 017338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: DNREC	
City Buffalo	State NY	Phone 716-856-2143		Fax 716-856-2143	
Sample Identification	Date	Time	Matrix	No. of Cont.	LAB USE ONLY Job No: 460-37330 Project No:
SO-17338-001411-MM-07	9/14/11	1030	SO	3	Sample Numbers 1 3 4
SO-17338-001411-MM-08		1050		3	
SO-17338-001411-MM-09		1400		3	
SO-17338-001411-MM-10		1430		3	
ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST) ☒ VO ☒ BN 42+25 ☒ TCL PCB ☒ TCL METALS ☒ PESTICIDES					
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other _____ 7 = Other _____ Soil: _____ Water: _____					

Special Instructions All SAMPLES ON HOLD

Water Metals Filtered (Yes/No)?

Relinquished by Michael Mott	Company CNA	Date / Time 9/14/11 16:00	Received by [Signature]	Company more
Relinquished by [Signature]	Company ADLEC-SILS	Date / Time 9-14-11 10:40	Received by [Signature]	Company more
Relinquished by [Signature]	Company IA	Date / Time 9-14-11 12:00	Received by [Signature]	Company more
Relinquished by [Signature]	Company IA	Date / Time 9/14/11 1:55	Received by [Signature]	Company more

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NB312), North Carolina (No. 578)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31330-1

Login Number: 31330

List Source: TestAmerica Edison

List Number: 1

Creator: Villadarez, Gerson Timothy S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	401470
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	2.1°C IR#50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	