

ANALYTICAL REPORT

Job Number: 460-32128-1

Job Description: Former GM

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

Maria Luisa M. Cruz

Approved for release.
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11/11/2011 12:37 PM

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11/11/2011

cc: Mr. Greg Carli

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: Former GM

Report Number: 460-32128-1

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 10/05/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt were 2.5 and 2.9C.

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 460-32128-6, 460-32128-7 and 460-32128-13 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/12/2011 and 10/14/2011 and analyzed on 10/13/2011 and 10/15/2011.

Antimony, Lead and Zinc failed the recovery criteria low for the MS of sample 460-32001-7 in batch 460-89642. Aluminum, Barium and Iron failed the recovery criteria high.

Copper and Magnesium failed the recovery criteria low for the MS of sample 460-32275-6 in batch 460-89864. Aluminum, Iron, Nickel and Calcium failed the recovery criteria high.

Chromium and Lead exceeded the rpd limit for the duplicate of sample 460-32001-7. Cadmium exceeded the rpd limit for the duplicate of sample 460-32275-6. Refer to the QC report for details.

Samples 460-32128-6(4X), 460-32128-7(4X) and 460-32128-13(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

The matrix duplicate %RPD for Chromium and Lead associated with batch 89155 was outside the control limits due to non homogeneity of the sample.

The matrix spike (MS) recoveries for batch Antimony, Zinc, Barium, and Lead were outside control limits in batch 89155. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-32128-6, 460-32128-7 and 460-32128-13 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 10/11/2011 and 10/12/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-32128-6, 460-32128-7 and 460-32128-13 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 10/11/2011 and 10/13/2011 and analyzed on 10/12/2011 and 10/13/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for LCS 460-89001/2-A. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-32001-C-12-G MSD. DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 460-32128-13MSD. Refer to the QC report for details.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-32128-6, 460-32128-7 and 460-32128-13 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 10/11/2011 and 10/13/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32128-6, 460-32128-7, 460-32128-13 and 460-32128-14 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 10/11/2011 and analyzed on 10/13/2011.

1,1,2,2-Tetrachloroethane, 1,4-Dichlorobenzene and Chloroethane failed the recovery criteria low for the MS of sample 460-32125-1 in batch 460-89343.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89343 were outside control limits for Chloroethane; MS recoveries were also outside control limits for 1,1,2,2-Tetrachloroethane and 1,4-Dichlorobenzene. The associated laboratory control sample (LCS) recovery met acceptance criteria

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32128-6, 460-32128-7 and 460-32128-13 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 10/11/2011 and 10/12/2011 and analyzed on 10/14/2011 and 10/16/2011.

2,4-Dinitrophenol failed the recovery criteria low for the MS of sample 460-32128-13 in batch 460-89864.

2,4-Dinitrophenol failed the recovery criteria low for the MSD of sample 460-32128-13 in batch 460-89651. Several analytes exceeded the rpd limit.

2,4-Dinitrophenol failed the recovery criteria low for the MS of sample 460-32224-56 in batch 460-89651.

Several analytes failed the recovery criteria high for the MSD of sample 460-32224-56 in batch 460-89343. Several analytes exceeded the rpd limit.

Some analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 89651. 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) recoveries for batch 89256 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89103 were outside control limits for 2,4-Dinitrophenol. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-32128-1 through 460-32128-13 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 10/10/2011.

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: 460-32128-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-32128-1	SO-17338-100411-MM-126	Solid	10/04/2011 0936	10/05/2011 1840
460-32128-2	SO-17338-100411-MM-127	Solid	10/04/2011 0940	10/05/2011 1840
460-32128-3	SO-17338-100411-MM-128	Solid	10/04/2011 0950	10/05/2011 1840
460-32128-4	SO-17338-100411-MM-129	Solid	10/04/2011 0955	10/05/2011 1840
460-32128-5	SO-17338-100411-MM-130	Solid	10/04/2011 1010	10/05/2011 1840
460-32128-6	SO-17338-100411-MM-131	Solid	10/04/2011 1015	10/05/2011 1840
460-32128-7	SO-17338-100411-MM-132	Solid	10/04/2011 1020	10/05/2011 1840
460-32128-8	SO-17338-100411-MM-133	Solid	10/04/2011 1030	10/05/2011 1840
460-32128-9	SO-17338-100411-MM-134	Solid	10/04/2011 1035	10/05/2011 1840
460-32128-10	SO-17338-100411-MM-135	Solid	10/04/2011 1045	10/05/2011 1840
460-32128-11	SO-17338-100411-MM-136	Solid	10/04/2011 1105	10/05/2011 1840
460-32128-12	SO-17338-100411-MM-137	Solid	10/04/2011 1110	10/05/2011 1840
460-32128-13	FB-17338-100411-MM-138	Solid	10/04/2011 1230	10/05/2011 1840
460-32128-14	TB-17338-100411-MM-139	Solid	10/04/2011 1235	10/05/2011 1840

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32128-1	SO-17338-100411-MM-126					
Percent Moisture		19.4		1.0	%	Moisture
Percent Solids		80.6		1.0	%	Moisture
460-32128-2	SO-17338-100411-MM-127					
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture
460-32128-3	SO-17338-100411-MM-128					
Percent Moisture		16.8		1.0	%	Moisture
Percent Solids		83.2		1.0	%	Moisture
460-32128-4	SO-17338-100411-MM-129					
Percent Moisture		18.8		1.0	%	Moisture
Percent Solids		81.2		1.0	%	Moisture
460-32128-5	SO-17338-100411-MM-130					
Percent Moisture		25.9		1.0	%	Moisture
Percent Solids		74.1		1.0	%	Moisture
460-32128-6	SO-17338-100411-MM-131					
Aluminum		7890		45.0	mg/Kg	6010B
Arsenic		1.6		1.1	mg/Kg	6010B
Barium		48.0		45.0	mg/Kg	6010B
Beryllium		0.81		0.45	mg/Kg	6010B
Calcium		7300		1120	mg/Kg	6010B
Chromium		24.4		2.2	mg/Kg	6010B
Cobalt		6.9	J	11.2	mg/Kg	6010B
Copper		4.4	J	5.6	mg/Kg	6010B
Iron		20200		33.7	mg/Kg	6010B
Lead		4.7		1.1	mg/Kg	6010B
Magnesium		4500		1120	mg/Kg	6010B
Manganese		84.6		3.4	mg/Kg	6010B
Nickel		7.7	J	9.0	mg/Kg	6010B
Potassium		186	J	1120	mg/Kg	6010B
Sodium		127	J	1120	mg/Kg	6010B
Vanadium		29.7		11.2	mg/Kg	6010B
Zinc		33.5		6.7	mg/Kg	6010B
Percent Moisture		16.9		1.0	%	Moisture
Percent Solids		83.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32128-7	SO-17338-100411-MM-132					
Aluminum		8000		47.2	mg/Kg	6010B
Arsenic		1.5		1.2	mg/Kg	6010B
Barium		47.6		47.2	mg/Kg	6010B
Beryllium		1.1		0.47	mg/Kg	6010B
Calcium		3650		1180	mg/Kg	6010B
Chromium		24.6		2.4	mg/Kg	6010B
Cobalt		6.0	J	11.8	mg/Kg	6010B
Copper		5.2	J	5.9	mg/Kg	6010B
Iron		25200		35.4	mg/Kg	6010B
Lead		4.8		1.2	mg/Kg	6010B
Magnesium		2500		1180	mg/Kg	6010B
Manganese		98.0		3.5	mg/Kg	6010B
Nickel		7.9	J	9.4	mg/Kg	6010B
Potassium		172	J	1180	mg/Kg	6010B
Sodium		126	J	1180	mg/Kg	6010B
Vanadium		28.4		11.8	mg/Kg	6010B
Zinc		36.1		7.1	mg/Kg	6010B
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture
460-32128-8	SO-17338-100411-MM-133					
Percent Moisture		17.7		1.0	%	Moisture
Percent Solids		82.3		1.0	%	Moisture
460-32128-9	SO-17338-100411-MM-134					
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture
460-32128-10	SO-17338-100411-MM-135					
Percent Moisture		20.0		1.0	%	Moisture
Percent Solids		80.0		1.0	%	Moisture
460-32128-11	SO-17338-100411-MM-136					
Percent Moisture		9.3		1.0	%	Moisture
Percent Solids		90.7		1.0	%	Moisture
460-32128-12	SO-17338-100411-MM-137					
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32128-13	FB-17338-100411-MM-138					
Di-n-butyl phthalate		260	J	330	ug/Kg	8270C
Aluminum		174		39.6	mg/Kg	6010B
Calcium		33.4	J	990	mg/Kg	6010B
Chromium		1.6	J	2.0	mg/Kg	6010B
Iron		1190		29.7	mg/Kg	6010B
Lead		0.64	J	0.99	mg/Kg	6010B
Magnesium		21.9	J	990	mg/Kg	6010B
Vanadium		1.6	J	9.9	mg/Kg	6010B
Percent Solids		100		1.0	%	Moisture

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

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: 460-32128-1

Method	Analyst	Analyst ID
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Shalayda, Monica	MS
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Damarapu, Shanthi	SD
SW846 6010B	Dave, Virendra	VD
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Smith, Anthony G	AGS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04562.d

Dilution: 50

Initial Weight/Volume: 16.92 g

Analysis Date: 10/13/2011 0837

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1755

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		89	U	25	89
Chloromethane		89	U	19	89
Vinyl chloride		89	U	11	89
Bromomethane		89	U	28	89
Chloroethane		89	U	40	89
Trichlorofluoromethane		89	U	14	89
1,1-Dichloroethene		89	U	12	89
1,1,2-Trichloro-1,2,2-trifluoroethane		89	U	26	89
Acetone		890	U	220	890
Carbon disulfide		89	U	13	89
Methyl acetate		180	U	29	180
Methylene Chloride		89	U	17	89
trans-1,2-Dichloroethene		89	U	12	89
Methyl tert-butyl ether		89	U	16	89
1,1-Dichloroethane		89	U	8.9	89
cis-1,2-Dichloroethene		89	U	17	89
2-Butanone (MEK)		890	U	73	890
Chloroform		89	U	14	89
1,1,1-Trichloroethane		89	U	22	89
Cyclohexane		89	U	11	89
Carbon tetrachloride		89	U	16	89
Benzene		89	U	11	89
1,2-Dichloroethane		89	U	22	89
Trichloroethene		89	U	16	89
Methylcyclohexane		89	U	7.1	89
1,2-Dichloropropane		89	U	7.8	89
Dichlorobromomethane		89	U	8.0	89
cis-1,3-Dichloropropene		89	U	9.1	89
4-Methyl-2-pentanone (MIBK)		890	U	61	890
Toluene		89	U	8.4	89
trans-1,3-Dichloropropene		89	U	11	89
1,1,2-Trichloroethane		89	U	8.7	89
Tetrachloroethene		89	U	17	89
2-Hexanone		890	U	49	890
Chlorodibromomethane		89	U	8.9	89
1,2-Dibromoethane		89	U	8.1	89
Chlorobenzene		89	U	15	89
Ethylbenzene		89	U	22	89
Xylenes, Total		270	U	39	270
Styrene		89	U	12	89
Bromoform		89	U	8.8	89
Isopropylbenzene		89	U	19	89
1,1,2,2-Tetrachloroethane		89	U	7.7	89
1,3-Dichlorobenzene		89	U	20	89
1,4-Dichlorobenzene		89	U	13	89
1,2-Dichlorobenzene		89	U	14	89

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04562.d
Dilution:	50			Initial Weight/Volume:	16.92 g
Analysis Date:	10/13/2011 0837			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1755				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		89	U	14	89
1,2,4-Trichlorobenzene		89	U	39	89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		57 - 135
4-Bromofluorobenzene	103		50 - 124
Toluene-d8 (Surr)	100		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04562.d

Dilution: 50

Initial Weight/Volume: 16.92 g

Analysis Date: 10/13/2011 0837

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1755

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: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04563.d
Dilution:	50			Initial Weight/Volume:	18.46 g
Analysis Date:	10/13/2011 0902			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1756				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		83	U	24	83
Chloromethane		83	U	18	83
Vinyl chloride		83	U	10	83
Bromomethane		83	U	26	83
Chloroethane		83	U	37	83
Trichlorofluoromethane		83	U	13	83
1,1-Dichloroethene		83	U	12	83
1,1,2-Trichloro-1,2,2-trifluoroethane		83	U	24	83
Acetone		830	U	210	830
Carbon disulfide		83	U	12	83
Methyl acetate		170	U	27	170
Methylene Chloride		83	U	16	83
trans-1,2-Dichloroethene		83	U	11	83
Methyl tert-butyl ether		83	U	15	83
1,1-Dichloroethane		83	U	8.3	83
cis-1,2-Dichloroethene		83	U	16	83
2-Butanone (MEK)		830	U	68	830
Chloroform		83	U	13	83
1,1,1-Trichloroethane		83	U	21	83
Cyclohexane		83	U	10	83
Carbon tetrachloride		83	U	15	83
Benzene		83	U	9.9	83
1,2-Dichloroethane		83	U	20	83
Trichloroethene		83	U	15	83
Methylcyclohexane		83	U	6.7	83
1,2-Dichloropropane		83	U	7.3	83
Dichlorobromomethane		83	U	7.4	83
cis-1,3-Dichloropropene		83	U	8.5	83
4-Methyl-2-pentanone (MIBK)		830	U	57	830
Toluene		83	U	7.9	83
trans-1,3-Dichloropropene		83	U	10	83
1,1,2-Trichloroethane		83	U	8.1	83
Tetrachloroethene		83	U	16	83
2-Hexanone		830	U	45	830
Chlorodibromomethane		83	U	8.4	83
1,2-Dibromoethane		83	U	7.6	83
Chlorobenzene		83	U	14	83
Ethylbenzene		83	U	21	83
Xylenes, Total		250	U	36	250
Styrene		83	U	12	83
Bromoform		83	U	8.2	83
Isopropylbenzene		83	U	18	83
1,1,2,2-Tetrachloroethane		83	U	7.2	83
1,3-Dichlorobenzene		83	U	19	83
1,4-Dichlorobenzene		83	U	13	83
1,2-Dichlorobenzene		83	U	14	83

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04563.d
Dilution:	50			Initial Weight/Volume:	18.46 g
Analysis Date:	10/13/2011 0902			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1756				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		83	U	13	83
1,2,4-Trichlorobenzene		83	U	36	83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		57 - 135
4-Bromofluorobenzene	99		50 - 124
Toluene-d8 (Surr)	96		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04563.d

Dilution: 50

Initial Weight/Volume: 18.46 g

Analysis Date: 10/13/2011 0902

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1756

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: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04557.d
Dilution:	50			Initial Weight/Volume:	10.77 g
Analysis Date:	10/13/2011 0632			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1800				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		120	U	33	120
Chloromethane		120	U	24	120
Vinyl chloride		120	U	14	120
Bromomethane		120	U	36	120
Chloroethane		120	U	52	120
Trichlorofluoromethane		120	U	18	120
1,1-Dichloroethene		120	U	16	120
1,1,2-Trichloro-1,2,2-trifluoroethane		120	U	33	120
Acetone		1200	U	290	1200
Carbon disulfide		120	U	17	120
Methyl acetate		230	U	38	230
Methylene Chloride		120	U	22	120
trans-1,2-Dichloroethene		120	U	16	120
Methyl tert-butyl ether		120	U	21	120
1,1-Dichloroethane		120	U	12	120
cis-1,2-Dichloroethene		120	U	22	120
2-Butanone (MEK)		1200	U	95	1200
Chloroform		120	U	18	120
1,1,1-Trichloroethane		120	U	29	120
Cyclohexane		120	U	14	120
Carbon tetrachloride		120	U	21	120
Benzene		120	U	14	120
1,2-Dichloroethane		120	U	29	120
Trichloroethene		120	U	21	120
Methylcyclohexane		120	U	9.3	120
1,2-Dichloropropane		120	U	10	120
Dichlorobromomethane		120	U	10	120
cis-1,3-Dichloropropene		120	U	12	120
4-Methyl-2-pentanone (MIBK)		1200	U	79	1200
Toluene		120	U	11	120
trans-1,3-Dichloropropene		120	U	14	120
1,1,2-Trichloroethane		120	U	11	120
Tetrachloroethene		120	U	23	120
2-Hexanone		1200	U	63	1200
Chlorodibromomethane		120	U	12	120
1,2-Dibromoethane		120	U	11	120
Chlorobenzene		120	U	19	120
Ethylbenzene		120	U	29	120
Xylenes, Total		350	U	50	350
Styrene		120	U	16	120
Bromoform		120	U	12	120
Isopropylbenzene		120	U	25	120
1,1,2,2-Tetrachloroethane		120	U	10	120
1,3-Dichlorobenzene		120	U	26	120
1,4-Dichlorobenzene		120	U	17	120
1,2-Dichlorobenzene		120	U	19	120

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04557.d
Dilution:	50			Initial Weight/Volume:	10.77 g
Analysis Date:	10/13/2011 0632			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1800				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		120	U	18	120
1,2,4-Trichlorobenzene		120	U	51	120
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		108		57 - 135	
4-Bromofluorobenzene		109		50 - 124	
Toluene-d8 (Surr)		108		46 - 130	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04557.d

Dilution: 50

Initial Weight/Volume: 10.77 g

Analysis Date: 10/13/2011 0632

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1800

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: 460-32128-1

Client Sample ID: TB-17338-100411-MM-139

Lab Sample ID: 460-32128-14

Date Sampled: 10/04/2011 1235

Client Matrix: Solid

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04558.d
Dilution:	50			Initial Weight/Volume:	10.61 g
Analysis Date:	10/13/2011 0657			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1800				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		120	U	33	120
Chloromethane		120	U	25	120
Vinyl chloride		120	U	14	120
Bromomethane		120	U	37	120
Chloroethane		120	U	52	120
Trichlorofluoromethane		120	U	18	120
1,1-Dichloroethene		120	U	17	120
1,1,2-Trichloro-1,2,2-trifluoroethane		120	U	34	120
Acetone		1200	U	290	1200
Carbon disulfide		120	U	17	120
Methyl acetate		240	U	39	240
Methylene Chloride		120	U	23	120
trans-1,2-Dichloroethene		120	U	16	120
Methyl tert-butyl ether		120	U	22	120
1,1-Dichloroethane		120	U	12	120
cis-1,2-Dichloroethene		120	U	23	120
2-Butanone (MEK)		1200	U	97	1200
Chloroform		120	U	18	120
1,1,1-Trichloroethane		120	U	29	120
Cyclohexane		120	U	15	120
Carbon tetrachloride		120	U	21	120
Benzene		120	U	14	120
1,2-Dichloroethane		120	U	29	120
Trichloroethene		120	U	21	120
Methylcyclohexane		120	U	9.4	120
1,2-Dichloropropane		120	U	10	120
Dichlorobromomethane		120	U	11	120
cis-1,3-Dichloropropene		120	U	12	120
4-Methyl-2-pentanone (MIBK)		1200	U	80	1200
Toluene		120	U	11	120
trans-1,3-Dichloropropene		120	U	14	120
1,1,2-Trichloroethane		120	U	11	120
Tetrachloroethene		120	U	23	120
2-Hexanone		1200	U	64	1200
Chlorodibromomethane		120	U	12	120
1,2-Dibromoethane		120	U	11	120
Chlorobenzene		120	U	19	120
Ethylbenzene		120	U	29	120
Xylenes, Total		350	U	51	350
Styrene		120	U	16	120
Bromoform		120	U	12	120
Isopropylbenzene		120	U	25	120
1,1,2,2-Tetrachloroethane		120	U	10	120
1,3-Dichlorobenzene		120	U	27	120
1,4-Dichlorobenzene		120	U	18	120
1,2-Dichlorobenzene		120	U	19	120

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: TB-17338-100411-MM-139

Lab Sample ID: 460-32128-14

Date Sampled: 10/04/2011 1235

Client Matrix: Solid

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-89121	Lab File ID:	j04558.d
Dilution:	50			Initial Weight/Volume:	10.61 g
Analysis Date:	10/13/2011 0657			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1800				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		120	U	18	120
1,2,4-Trichlorobenzene		120	U	51	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		57 - 135
4-Bromofluorobenzene	114		50 - 124
Toluene-d8 (Surr)	107		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: TB-17338-100411-MM-139

Lab Sample ID: 460-32128-14

Date Sampled: 10/04/2011 1235

Client Matrix: Solid

Date Received: 10/05/2011 1840

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-89343

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-89121

Lab File ID: j04558.d

Dilution: 50

Initial Weight/Volume: 10.61 g

Analysis Date: 10/13/2011 0657

Final Weight/Volume: 25 mL

Prep Date: 10/11/2011 1800

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: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89651

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-89256

Lab File ID: z10801.d

Dilution: 1.0

Initial Weight/Volume: 15.05 g

Analysis Date: 10/14/2011 0549

Final Weight/Volume: 1 mL

Prep Date: 10/12/2011 1552

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		400	U	25	400
Phenol		400	U	49	400
Bis(2-chloroethyl)ether		40	U	8.3	40
2-Chlorophenol		400	U	53	400
2-Methylphenol		400	U	57	400
2,2'-oxybis[1-chloropropane]		400	U	52	400
Acetophenone		400	U	59	400
4-Methylphenol		400	U	65	400
N-Nitrosodi-n-propylamine		40	U	5.2	40
Hexachloroethane		40	U	6.7	40
Nitrobenzene		40	U	8.9	40
Isophorone		400	U	46	400
2-Nitrophenol		400	U	65	400
2,4-Dimethylphenol		400	U	64	400
Bis(2-chloroethoxy)methane		400	U	57	400
2,4-Dichlorophenol		400	U	64	400
Naphthalene		400	U	58	400
4-Chloroaniline		400	U	50	400
Hexachlorobutadiene		80	U	16	80
Caprolactam		400	U	54	400
4-Chloro-3-methylphenol		400	U	67	400
2-Methylnaphthalene		400	U	58	400
Hexachlorocyclopentadiene		400	U	120	400
2,4,6-Trichlorophenol		400	U	71	400
2,4,5-Trichlorophenol		400	U	76	400
1,1'-Biphenyl		400	U	65	400
2-Chloronaphthalene		400	U	56	400
2-Nitroaniline		800	U	110	800
Dimethyl phthalate		400	U	54	400
2,6-Dinitrotoluene		80	U	10	80
Acenaphthylene		400	U	57	400
3-Nitroaniline		800	U	90	800
Acenaphthene		400	U	56	400
2,4-Dinitrophenol		1200	U	84	1200
4-Nitrophenol		1200	U	100	1200
Dibenzofuran		400	U	60	400
2,4-Dinitrotoluene		80	U	12	80
Diethyl phthalate		400	U	53	400
Fluorene		400	U	67	400
4-Chlorophenyl phenyl ether		400	U	68	400
4-Nitroaniline		800	U	82	800
4,6-Dinitro-2-methylphenol		1200	U	190	1200
N-Nitrosodiphenylamine		400	U	65	400
4-Bromophenyl phenyl ether		400	U	71	400
Hexachlorobenzene		40	U	5.5	40
Atrazine		400	U	74	400

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89651	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-89256	Lab File ID:	z10801.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	10/14/2011 0549			Final Weight/Volume:	1 mL
Prep Date:	10/12/2011 1552			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	190	1200
Phenanthrene		400	U	69	400
Anthracene		400	U	70	400
Carbazole		400	U	63	400
Di-n-butyl phthalate		400	U	61	400
Fluoranthene		400	U	66	400
Pyrene		400	U	69	400
Butyl benzyl phthalate		400	U	46	400
3,3'-Dichlorobenzidine		800	U	88	800
Benzo[a]anthracene		40	U	7.3	40
Chrysene		400	U	58	400
Bis(2-ethylhexyl) phthalate		400	U	53	400
Di-n-octyl phthalate		400	U	47	400
Benzo[b]fluoranthene		40	U	5.9	40
Benzo[k]fluoranthene		40	U	5.6	40
Benzo[a]pyrene		40	U	4.9	40
Indeno[1,2,3-cd]pyrene		40	U	6.3	40
Dibenz(a,h)anthracene		40	U	4.8	40
Benzo[g,h,i]perylene		400	U	42	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	34		10 - 120
2-Fluorobiphenyl	63		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	59		38 - 105
Phenol-d5 (Surr)	51		41 - 118
Terphenyl-d14 (Surr)	59		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89651

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-89256

Lab File ID: z10801.d

Dilution: 1.0

Initial Weight/Volume: 15.05 g

Analysis Date: 10/14/2011 0549

Final Weight/Volume: 1 mL

Prep Date: 10/12/2011 1552

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: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89651

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-89256

Lab File ID: z10796.d

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Analysis Date: 10/14/2011 0343

Final Weight/Volume: 1 mL

Prep Date: 10/12/2011 1552

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		400	U	25	400
Phenol		400	U	50	400
Bis(2-chloroethyl)ether		40	U	8.5	40
2-Chlorophenol		400	U	54	400
2-Methylphenol		400	U	58	400
2,2'-oxybis[1-chloropropane]		400	U	53	400
Acetophenone		400	U	60	400
4-Methylphenol		400	U	66	400
N-Nitrosodi-n-propylamine		40	U	5.4	40
Hexachloroethane		40	U	6.8	40
Nitrobenzene		40	U	9.1	40
Isophorone		400	U	47	400
2-Nitrophenol		400	U	67	400
2,4-Dimethylphenol		400	U	65	400
Bis(2-chloroethoxy)methane		400	U	58	400
2,4-Dichlorophenol		400	U	65	400
Naphthalene		400	U	59	400
4-Chloroaniline		400	U	51	400
Hexachlorobutadiene		82	U	16	82
Caprolactam		400	U	56	400
4-Chloro-3-methylphenol		400	U	68	400
2-Methylnaphthalene		400	U	59	400
Hexachlorocyclopentadiene		400	U	120	400
2,4,6-Trichlorophenol		400	U	73	400
2,4,5-Trichlorophenol		400	U	78	400
1,1'-Biphenyl		400	U	67	400
2-Chloronaphthalene		400	U	57	400
2-Nitroaniline		820	U	110	820
Dimethyl phthalate		400	U	55	400
2,6-Dinitrotoluene		82	U	10	82
Acenaphthylene		400	U	58	400
3-Nitroaniline		820	U	92	820
Acenaphthene		400	U	58	400
2,4-Dinitrophenol		1200	U	86	1200
4-Nitrophenol		1200	U	100	1200
Dibenzofuran		400	U	61	400
2,4-Dinitrotoluene		82	U	12	82
Diethyl phthalate		400	U	54	400
Fluorene		400	U	69	400
4-Chlorophenyl phenyl ether		400	U	70	400
4-Nitroaniline		820	U	84	820
4,6-Dinitro-2-methylphenol		1200	U	190	1200
N-Nitrosodiphenylamine		400	U	66	400
4-Bromophenyl phenyl ether		400	U	72	400
Hexachlorobenzene		40	U	5.6	40
Atrazine		400	U	76	400

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89651	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-89256	Lab File ID:	z10796.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	10/14/2011 0343			Final Weight/Volume:	1 mL
Prep Date:	10/12/2011 1552			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	200	1200
Phenanthrene		400	U	71	400
Anthracene		400	U	72	400
Carbazole		400	U	65	400
Di-n-butyl phthalate		400	U	62	400
Fluoranthene		400	U	67	400
Pyrene		400	U	70	400
Butyl benzyl phthalate		400	U	47	400
3,3'-Dichlorobenzidine		820	U	90	820
Benzo[a]anthracene		40	U	7.5	40
Chrysene		400	U	59	400
Bis(2-ethylhexyl) phthalate		400	U	54	400
Di-n-octyl phthalate		400	U	48	400
Benzo[b]fluoranthene		40	U	6.0	40
Benzo[k]fluoranthene		40	U	5.7	40
Benzo[a]pyrene		40	U	5.0	40
Indeno[1,2,3-cd]pyrene		40	U	6.5	40
Dibenz(a,h)anthracene		40	U	4.9	40
Benzo[g,h,i]perylene		400	U	43	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	31		10 - 120
2-Fluorobiphenyl	66		40 - 109
2-Fluorophenol (Surr)	54		37 - 125
Nitrobenzene-d5 (Surr)	65		38 - 105
Phenol-d5 (Surr)	56		41 - 118
Terphenyl-d14 (Surr)	69		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89651

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-89256

Lab File ID: z10796.d

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Analysis Date: 10/14/2011 0343

Final Weight/Volume: 1 mL

Prep Date: 10/12/2011 1552

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: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89864

Instrument ID: BNAMS10

Prep Method: 3541

Prep Batch: 460-89103

Lab File ID: p20308.d

Dilution: 1.0

Initial Weight/Volume: 15.05 g

Analysis Date: 10/16/2011 1659

Final Weight/Volume: 1 mL

Prep Date: 10/11/2011 1518

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		330	U	21	330
Phenol		330	U	40	330
Bis(2-chloroethyl)ether		33	U	6.9	33
2-Chlorophenol		330	U	44	330
2-Methylphenol		330	U	47	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	41	330
Hexachlorobutadiene		67	U	13	67
Caprolactam		330	U	45	330
4-Chloro-3-methylphenol		330	U	55	330
2-Methylnaphthalene		330	U	48	330
Hexachlorocyclopentadiene		330	U	96	330
2,4,6-Trichlorophenol		330	U	59	330
2,4,5-Trichlorophenol		330	U	63	330
1,1'-Biphenyl		330	U	54	330
2-Chloronaphthalene		330	U	47	330
2-Nitroaniline		670	U	90	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	9.6	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
Atrazine		330	U	61	330

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-89864	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-89103	Lab File ID:	p20308.d
Dilution:	1.0			Initial Weight/Volume:	15.05 g
Analysis Date:	10/16/2011 1659			Final Weight/Volume:	1 mL
Prep Date:	10/11/2011 1518			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1000	U	160	1000
Phenanthrene		330	U	58	330
Anthracene		330	U	58	330
Carbazole		330	U	52	330
Di-n-butyl phthalate		260	J	50	330
Fluoranthene		330	U	55	330
Pyrene		330	U	57	330
Butyl benzyl phthalate		330	U	38	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	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	38		10 - 120
2-Fluorobiphenyl	53		40 - 109
2-Fluorophenol (Surr)	58		37 - 125
Nitrobenzene-d5 (Surr)	57		38 - 105
Phenol-d5 (Surr)	59		41 - 118
Terphenyl-d14 (Surr)	63		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-89864

Instrument ID: BNAMS10

Prep Method: 3541

Prep Batch: 460-89103

Lab File ID: p20308.d

Dilution: 1.0

Initial Weight/Volume: 15.05 g

Analysis Date: 10/16/2011 1659

Final Weight/Volume: 1 mL

Prep Date: 10/11/2011 1518

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: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89324	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-89299	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/13/2011 1209			Injection Volume:	1 uL
Prep Date:	10/13/2011 0319			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.0	U	1.5	8.0
beta-BHC		8.0	U	1.1	8.0
delta-BHC		8.0	U	1.2	8.0
gamma-BHC (Lindane)		8.0	U	0.94	8.0
Heptachlor		8.0	U	1.2	8.0
Aldrin		8.0	U	1.8	8.0
Heptachlor epoxide		8.0	U	1.6	8.0
Endosulfan I		8.0	U	1.7	8.0
Dieldrin		8.0	U	1.5	8.0
4,4'-DDE		8.0	U	1.6	8.0
Endrin		8.0	U	1.1	8.0
Endosulfan II		8.0	U	1.2	8.0
4,4'-DDD		8.0	U	0.96	8.0
Endosulfan sulfate		8.0	U	1.0	8.0
4,4'-DDT		8.0	U	1.0	8.0
Methoxychlor		8.0	U	0.90	8.0
Endrin ketone		8.0	U	1.2	8.0
Endrin aldehyde		8.0	U	2.0	8.0
alpha-Chlordane		8.0	U	1.7	8.0
gamma-Chlordane		8.0	U	1.6	8.0
Toxaphene		80	U	17	80
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		61		53 - 150	
Tetrachloro-m-xylene		49		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89324

Instrument ID: PESTGC1

Prep Method: 3541

Prep Batch: 460-89299

Initial Weight/Volume: 15.04 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/13/2011 1209

Injection Volume: 1 uL

Prep Date: 10/13/2011 0319

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		53 - 150
Tetrachloro-m-xylene	44		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89324	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-89299	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/13/2011 1223			Injection Volume:	1 uL
Prep Date:	10/13/2011 0319			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		8.2	U	1.5	8.2
beta-BHC		8.2	U	1.1	8.2
delta-BHC		8.2	U	1.3	8.2
gamma-BHC (Lindane)		8.2	U	0.96	8.2
Heptachlor		8.2	U	1.2	8.2
Aldrin		8.2	U	1.8	8.2
Heptachlor epoxide		8.2	U	1.7	8.2
Endosulfan I		8.2	U	1.7	8.2
Dieldrin		8.2	U	1.6	8.2
4,4'-DDE		8.2	U	1.6	8.2
Endrin		8.2	U	1.2	8.2
Endosulfan II		8.2	U	1.2	8.2
4,4'-DDD		8.2	U	0.98	8.2
Endosulfan sulfate		8.2	U	1.1	8.2
4,4'-DDT		8.2	U	1.0	8.2
Methoxychlor		8.2	U	0.92	8.2
Endrin ketone		8.2	U	1.2	8.2
Endrin aldehyde		8.2	U	2.0	8.2
alpha-Chlordane		8.2	U	1.7	8.2
gamma-Chlordane		8.2	U	1.7	8.2
Toxaphene		82	U	17	82
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		92		53 - 150	
Tetrachloro-m-xylene		79		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89324

Instrument ID: PESTGC1

Prep Method: 3541

Prep Batch: 460-89299

Initial Weight/Volume: 15.02 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/13/2011 1223

Injection Volume: 1 uL

Prep Date: 10/13/2011 0319

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		53 - 150
Tetrachloro-m-xylene	76		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-89301	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-89001	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/12/2011 0933			Injection Volume:	1 uL
Prep Date:	10/11/2011 0347			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	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	1.3	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	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		145		53 - 150	
Tetrachloro-m-xylene		92		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-89301

Instrument ID: PESTGC1

Prep Method: 3541

Prep Batch: 460-89001

Initial Weight/Volume: 15.02 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/12/2011 0933

Injection Volume: 1 uL

Prep Date: 10/11/2011 0347

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	105		53 - 150
Tetrachloro-m-xylene	85		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89520	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-89296	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/13/2011 1417			Injection Volume:	
Prep Date:	10/13/2011 0300			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		80	U	15	80
PCB-1221		80	U	24	80
PCB-1232		80	U	46	80
PCB-1242		80	U	15	80
PCB-1248		80	U	21	80
PCB-1254		80	U	27	80
PCB-1260		80	U	9.0	80

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89520

Instrument ID: PESTGC9

Prep Method: 3541

Prep Batch: 460-89296

Initial Weight/Volume: 15.04 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/13/2011 1417

Injection Volume:

Prep Date: 10/13/2011 0300

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89520	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-89296	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/13/2011 1432			Injection Volume:	
Prep Date:	10/13/2011 0300			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		82	U	16	82
PCB-1221		82	U	25	82
PCB-1232		82	U	47	82
PCB-1242		82	U	16	82
PCB-1248		82	U	22	82
PCB-1254		82	U	28	82
PCB-1260		82	U	9.2	82

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89520

Instrument ID: PESTGC9

Prep Method: 3541

Prep Batch: 460-89296

Initial Weight/Volume: 15.02 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/13/2011 1432

Injection Volume:

Prep Date: 10/13/2011 0300

Result Type: SECONDARY

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-89000	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/11/2011 2103			Injection Volume:	
Prep Date:	10/11/2011 0334			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	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	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-89331

Instrument ID: PESTGC9

Prep Method: 3541

Prep Batch: 460-89000

Initial Weight/Volume: 15.02 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/11/2011 2103

Injection Volume:

Prep Date: 10/11/2011 0334

Result Type: SECONDARY

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

% Moisture: 16.9

Date Received: 10/05/2011 1840

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-89642

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-89479

Lab File ID: 10152011.asc

Dilution: 4.0

Initial Weight/Volume: 1.07 g

Analysis Date: 10/15/2011 0508

Final Weight/Volume: 50 mL

Prep Date: 10/14/2011 0724

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7890		16.5	45.0
Antimony		2.2	U	0.99	2.2
Arsenic		1.6		0.78	1.1
Barium		48.0		1.4	45.0
Beryllium		0.81		0.20	0.45
Cadmium		1.1	U	0.18	1.1
Calcium		7300		29.6	1120
Chromium		24.4		1.3	2.2
Cobalt		6.9	J	1.4	11.2
Copper		4.4	J	0.92	5.6
Iron		20200		11.9	33.7
Lead		4.7		0.56	1.1
Magnesium		4500		11.9	1120
Manganese		84.6		1.3	3.4
Nickel		7.7	J	0.60	9.0
Potassium		186	J	50.7	1120
Selenium		2.2	U	1.1	2.2
Silver		2.2	U	0.17	2.2
Sodium		127	J	69.0	1120
Thallium		2.2	U	1.1	2.2
Vanadium		29.7		0.58	11.2
Zinc		33.5		1.1	6.7

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-89287

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-89271

Lab File ID: 101211.PRN

Dilution: 1.0

Initial Weight/Volume: 0.63 g

Analysis Date: 10/12/2011 2106

Final Weight/Volume: 100 mL

Prep Date: 10/12/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.038	U	0.025	0.038

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 10/05/2011 1840

6010B Metals (ICP)

Analysis Method: 6010B

Analysis Batch: 460-89642

Instrument ID: ICP4

Prep Method: 3050B

Prep Batch: 460-89479

Lab File ID: 10152011.asc

Dilution: 4.0

Initial Weight/Volume: 1.04 g

Analysis Date: 10/15/2011 0512

Final Weight/Volume: 50 mL

Prep Date: 10/14/2011 0724

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		8000		17.3	47.2
Antimony		2.4	U	1.0	2.4
Arsenic		1.5		0.82	1.2
Barium		47.6		1.4	47.2
Beryllium		1.1		0.21	0.47
Cadmium		1.2	U	0.18	1.2
Calcium		3650		31.0	1180
Chromium		24.6		1.4	2.4
Cobalt		6.0	J	1.4	11.8
Copper		5.2	J	0.96	5.9
Iron		25200		12.5	35.4
Lead		4.8		0.59	1.2
Magnesium		2500		12.5	1180
Manganese		98.0		1.3	3.5
Nickel		7.9	J	0.63	9.4
Potassium		172	J	53.3	1180
Selenium		2.4	U	1.1	2.4
Silver		2.4	U	0.18	2.4
Sodium		126	J	72.5	1180
Thallium		2.4	U	1.1	2.4
Vanadium		28.4		0.61	11.8
Zinc		36.1		1.2	7.1

7471A Mercury (CVAA)

Analysis Method: 7471A

Analysis Batch: 460-89287

Instrument ID: LEEMAN5

Prep Method: 7471A

Prep Batch: 460-89271

Lab File ID: 101211.PRN

Dilution: 1.0

Initial Weight/Volume: 0.62 g

Analysis Date: 10/12/2011 2109

Final Weight/Volume: 100 mL

Prep Date: 10/12/2011 1800

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.039	U	0.026	0.039

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

% Moisture: 0.0

Date Received: 10/05/2011 1840

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-89297	Instrument ID:	ICP2
Prep Method:	3050B	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	10/13/2011 0202			Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		174		14.5	39.6
Antimony		2.0	U	0.87	2.0
Arsenic		0.99	U	0.69	0.99
Barium		39.6	U	1.2	39.6
Beryllium		0.40	U	0.17	0.40
Cadmium		0.99	U	0.15	0.99
Calcium		33.4	J	26.0	990
Chromium		1.6	J	1.2	2.0
Cobalt		9.9	U	1.2	9.9
Copper		5.0	U	0.81	5.0
Iron		1190		10.5	29.7
Lead		0.64	J	0.50	0.99
Magnesium		21.9	J	10.5	990
Manganese		3.0	U	1.1	3.0
Nickel		7.9	U	0.53	7.9
Potassium		990	U	44.7	990
Selenium		2.0	U	0.93	2.0
Silver		2.0	U	0.15	2.0
Sodium		990	U	60.8	990
Thallium		2.0	U	0.96	2.0
Vanadium		1.6	J	0.51	9.9
Zinc		5.9	U	0.97	5.9

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-89139	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-89128	Lab File ID:	101111.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	10/11/2011 2103			Final Weight/Volume:	100 mL
Prep Date:	10/11/2011 1745				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.033	U	0.022	0.033

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-126

Lab Sample ID: 460-32128-1

Date Sampled: 10/04/2011 0936

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	80.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-127

Lab Sample ID: 460-32128-2

Date Sampled: 10/04/2011 0940

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-128

Lab Sample ID: 460-32128-3

Date Sampled: 10/04/2011 0950

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	83.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry

Client Sample ID: SO-17338-100411-MM-129

Lab Sample ID: 460-32128-4

Date Sampled: 10/04/2011 0955

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	81.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-130

Lab Sample ID: 460-32128-5

Date Sampled: 10/04/2011 1010

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	25.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	74.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Date Sampled: 10/04/2011 1015

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	83.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Date Sampled: 10/04/2011 1020

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-133

Lab Sample ID: 460-32128-8

Date Sampled: 10/04/2011 1030

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	82.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-134

Lab Sample ID: 460-32128-9

Date Sampled: 10/04/2011 1035

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-135

Lab Sample ID: 460-32128-10

Date Sampled: 10/04/2011 1045

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	80.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-136

Lab Sample ID: 460-32128-11

Date Sampled: 10/04/2011 1105

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	90.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID:** SO-17338-100411-MM-137

Lab Sample ID: 460-32128-12

Date Sampled: 10/04/2011 1110

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

General Chemistry**Client Sample ID: FB-17338-100411-MM-138**

Lab Sample ID: 460-32128-13

Date Sampled: 10/04/2011 1230

Client Matrix: Solid

Date Received: 10/05/2011 1840

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	1.0	U	%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N
Percent Solids	100		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-88990	Analysis Date: 10/10/2011 2119					DryWt Corrected: N

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

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

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-32128-6	SO-17338-100411-M M-131	98	100	103
460-32128-7	SO-17338-100411-M M-132	99	96	99
460-32128-13	FB-17338-100411-M M-138	108	108	109
460-32128-14	TB-17338-100411-M M-139	111	107	114
MB 460-89343/4		94	96	111
LCS 460-89343/3		101	101	102
460-32125-B-1-A MS		100	94	96
460-32125-B-1-A MSD		101	97	98

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: 460-32128-1

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
460-32128-6	SO-17338-100411-M M-131	49	51	59	63	34	59
460-32128-7	SO-17338-100411-M M-132	54	56	65	66	31	69
460-32128-13	FB-17338-100411-M M-138	58	59	57	53	38	63
MB 460-89103/1-A		73	73	69	64	50	72
MB 460-89256/1-A		73	74	79	73	67	82
LCS 460-89103/2-A		83	84	79	76	87	82
LCS 460-89256/2-A		70	70	76	76	77	77
460-32128-13 MS	FB-17338-100411-M M-138 MS	72	72	68	64	77	69
460-32224-B-56-A MS		60	63	70	72	53	67
460-32128-13 MSD	FB-17338-100411-M M-138 MSD	64	65	63	57	64	60
460-32224-B-56-B MSD		68	69	78	83	63	80

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: 460-32128-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-32128-6	SO-17338-100411-M M-131	44	49	58	61
460-32128-7	SO-17338-100411-M M-132	76	79	87	92
460-32128-13	FB-17338-100411-M M-138	85	92	105	145
MB 460-89001/1-A		87	95	110	116
MB 460-89299/1-A		98	101	104	105
LCS 460-89001/2-A		101	101	107	153X
LCS 460-89299/2-A		99	94	108	103
460-32128-13 MS	FB-17338-100411-M M-138 MS	98	99	127	145
460-32001-C-12-F MS		99	101	107	121
460-32128-13 MSD	FB-17338-100411-M M-138 MSD	107	109	121	158X
460-32001-C-12-G MSD		100	97	103	179X

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

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

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

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-32128-6	SO-17338-100411-M M-131	58	64
460-32128-7	SO-17338-100411-M M-132	87	96
460-32128-13	FB-17338-100411-M M-138	116	117
MB 460-89000/1-A		122	121
MB 460-89296/1-A		111	118
LCS 460-89000/2-A		118	118
LCS 460-89296/2-A		115	118
460-32128-13 MS	FB-17338-100411-M M-138 MS	109	109
460-32001-C-12-C MS		65	72
460-32128-13 MSD	FB-17338-100411-M M-138 MSD	103	102
460-32001-C-12-D MSD		66	74

Surrogate

Acceptance Limits

DCB = DCB Decachlorobiphenyl

30-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-32125-B-1-A MS
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1337
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analysis Batch: 460-89343
Prep Batch: 460-89121
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j04574.d
Initial Weight/Volume: 12.93 g
Final Weight/Volume: 25 mL

MSD Lab Sample ID: 460-32125-B-1-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1402
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analysis Batch: 460-89343
Prep Batch: 460-89121
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j04575.d
Initial Weight/Volume: 12.93 g
Final Weight/Volume: 25 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	102	96	41 - 149	6	30		
Chloromethane	98	102	52 - 144	5	30		
Vinyl chloride	103	111	55 - 154	8	30		
Bromomethane	71	64	58 - 164	10	30		
Chloroethane	57	62	66 - 144	8	30	F	F
Trichlorofluoromethane	88	89	60 - 148	1	30		
1,1-Dichloroethene	75	75	68 - 138	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	91	94	50 - 128	4	30		
Acetone	102	97	48 - 177	5	30		
Carbon disulfide	75	78	70 - 120	4	30		
Methyl acetate	90	91	72 - 165	1	30		
Methylene Chloride	84	85	78 - 118	1	30		
trans-1,2-Dichloroethene	80	83	73 - 119	4	30		
Methyl tert-butyl ether	86	87	65 - 143	2	30		
1,1-Dichloroethane	86	86	79 - 119	0	30		
cis-1,2-Dichloroethene	84	86	78 - 118	3	30		
2-Butanone (MEK)	97	92	70 - 139	5	30		
Chloroform	87	88	81 - 122	2	30		
1,1,1-Trichloroethane	85	89	78 - 118	5	30		
Cyclohexane	94	97	69 - 128	3	30		
Carbon tetrachloride	89	90	64 - 130	2	30		
Benzene	84	86	71 - 118	3	30		
1,2-Dichloroethane	87	89	81 - 121	2	30		
Trichloroethene	89	88	82 - 122	0	30		
Methylcyclohexane	99	103	80 - 134	4	30		
1,2-Dichloropropane	88	87	78 - 118	0	30		
Dichlorobromomethane	91	90	78 - 118	1	30		
cis-1,3-Dichloropropene	81	84	75 - 120	4	30		
4-Methyl-2-pentanone (MIBK)	87	91	69 - 124	4	30		
Toluene	86	91	79 - 136	6	30		
trans-1,3-Dichloropropene	83	88	73 - 118	6	30		
1,1,2-Trichloroethane	81	86	77 - 120	7	30		
Tetrachloroethene	91	94	78 - 136	3	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-32125-B-1-A MS	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04574.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1337			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32125-B-1-A MSD	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-89121	Lab File ID:	j04575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	12.93 g
Analysis Date:	10/13/2011 1402			Final Weight/Volume:	25 mL
Prep Date:	10/11/2011 1802				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Hexanone	81	88	62 - 123	8	30		
Chlorodibromomethane	80	85	78 - 118	7	30		
1,2-Dibromoethane	82	88	76 - 120	7	30		
Chlorobenzene	87	89	69 - 124	2	30		
Ethylbenzene	86	88	78 - 124	3	30		
Xylenes, Total	87	92	78 - 126	5	30		
Styrene	88	92	73 - 126	5	30		
Bromoform	84	89	76 - 133	5	30		
Isopropylbenzene	88	93	80 - 143	6	30		
1,1,2,2-Tetrachloroethane	79	86	86 - 145	8	30	F	
1,3-Dichlorobenzene	85	90	83 - 123	6	30		
1,4-Dichlorobenzene	82	91	84 - 124	11	30	F	
1,2-Dichlorobenzene	85	85	83 - 123	1	30		
1,2-Dibromo-3-Chloropropane	89	92	62 - 127	4	30		
1,2,4-Trichlorobenzene	105	121	62 - 144	14	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		101	57 - 135			
4-Bromofluorobenzene	96		98	50 - 124			
Toluene-d8 (Surr)	94		97	46 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-32125-B-1-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1337
Prep Date: 10/11/2011 1802
Leach Date: N/A

MSD Lab Sample ID: 460-32125-B-1-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1402
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	120	U	2360	2360	2400		2260	
Chloromethane	120	U	2360	2360	2310		2420	
Vinyl chloride	120	U	2360	2360	2430		2630	
Bromomethane	120	U	2360	2360	1690		1520	
Chloroethane	120	U	2360	2360	1350	F	1470	F
Trichlorofluoromethane	120	U	2360	2360	2070		2100	
1,1-Dichloroethene	120	U	2360	2360	1760		1770	
1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	2360	2360	2150		2230	
Acetone	1200	U	2360	2360	2410		2300	
Carbon disulfide	120	U	2360	2360	1770		1830	
Methyl acetate	240	U	2360	2360	2130		2140	
Methylene Chloride	120	U	2360	2360	1990		2000	
trans-1,2-Dichloroethene	120	U	2360	2360	1890		1970	
Methyl tert-butyl ether	120	U	2360	2360	2030		2060	
1,1-Dichloroethane	120	U	2360	2360	2030		2030	
cis-1,2-Dichloroethene	120	U	2360	2360	1970		2030	
2-Butanone (MEK)	1200	U	2360	2360	2290		2180	
Chloroform	120	U	2360	2360	2050		2090	
1,1,1-Trichloroethane	120	U	2360	2360	2000		2100	
Cyclohexane	120	U	2360	2360	2220		2290	
Carbon tetrachloride	120	U	2360	2360	2100		2140	
Benzene	120	U	2360	2360	1980		2040	
1,2-Dichloroethane	120	U	2360	2360	2070		2100	
Trichloroethene	120	U	2360	2360	2090		2080	
Methylcyclohexane	120	U	2360	2360	2340		2450	
1,2-Dichloropropane	120	U	2360	2360	2070		2060	
Dichlorobromomethane	120	U	2360	2360	2160		2130	
cis-1,3-Dichloropropene	120	U	2360	2360	1910		1980	
4-Methyl-2-pentanone (MIBK)	1200	U	2360	2360	2050		2150	
Toluene	120	U	2360	2360	2030		2150	
trans-1,3-Dichloropropene	120	U	2360	2360	1960		2070	
1,1,2-Trichloroethane	120	U	2360	2360	1920		2040	
Tetrachloroethene	120	U	2360	2360	2150		2210	
2-Hexanone	1200	U	2360	2360	1920		2070	
Chlorodibromomethane	120	U	2360	2360	1880		2020	
1,2-Dibromoethane	120	U	2360	2360	1940		2070	
Chlorobenzene	120	U	2360	2360	2060		2110	
Ethylbenzene	120	U	2360	2360	2030		2090	
Xylenes, Total	350	U	7090	7090	6180		6510	
Styrene	120	U	2360	2360	2070		2160	
Bromoform	120	U	2360	2360	1990		2100	
Isopropylbenzene	120	U	2360	2360	2080		2200	
1,1,2,2-Tetrachloroethane	120	U	2360	2360	1870	F	2020	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89121

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-32125-B-1-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1337
Prep Date: 10/11/2011 1802
Leach Date: N/A

MSD Lab Sample ID: 460-32125-B-1-A MSD
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/13/2011 1402
Prep Date: 10/11/2011 1802
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	120	U	2360	2360	2000	2120
1,4-Dichlorobenzene	120	U	2360	2360	1940 F	2160
1,2-Dichlorobenzene	120	U	2360	2360	2000	2010
1,2-Dibromo-3-Chloropropane	120	U	2360	2360	2100	2180
1,2,4-Trichlorobenzene	120	U	2360	2360	2470	2850

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89343

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-89343/4	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04556.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0604	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	100	U	28	100
Chloromethane	100	U	21	100
Vinyl chloride	100	U	12	100
Bromomethane	100	U	31	100
Chloroethane	100	U	45	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	29	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Methyl acetate	200	U	33	200
Methylene Chloride	100	U	19	100
trans-1,2-Dichloroethene	100	U	14	100
Methyl tert-butyl ether	100	U	19	100
1,1-Dichloroethane	100	U	10	100
cis-1,2-Dichloroethene	100	U	19	100
2-Butanone (MEK)	1000	U	82	1000
Chloroform	100	U	16	100
1,1,1-Trichloroethane	100	U	25	100
Cyclohexane	100	U	12	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
1,2-Dichloroethane	100	U	25	100
Trichloroethene	100	U	18	100
Methylcyclohexane	100	U	8.0	100
1,2-Dichloropropane	100	U	8.7	100
Dichlorobromomethane	100	U	9.0	100
cis-1,3-Dichloropropene	100	U	10	100
4-Methyl-2-pentanone (MIBK)	1000	U	68	1000
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
1,1,2-Trichloroethane	100	U	9.7	100
Tetrachloroethene	100	U	20	100
2-Hexanone	1000	U	55	1000
Chlorodibromomethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Chlorobenzene	100	U	17	100
Ethylbenzene	100	U	25	100
Xylenes, Total	300	U	43	300
Styrene	100	U	14	100
Bromoform	100	U	9.9	100
Isopropylbenzene	100	U	21	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89343

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-89343/4	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04556.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0604	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	100	U	16	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	57 - 135
4-Bromofluorobenzene	111	50 - 124
Toluene-d8 (Surr)	96	46 - 130

Method Blank TICs- Batch: 460-89343

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89343

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-89343/3	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04553.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2000	1790	90	41 - 149	
Chloromethane	2000	2070	104	52 - 144	
Vinyl chloride	2000	1910	96	55 - 154	
Bromomethane	2000	1750	87	58 - 154	
Chloroethane	2000	1770	89	66 - 144	
Trichlorofluoromethane	2000	1880	94	60 - 148	
1,1-Dichloroethene	2000	1520	76	68 - 138	
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	1880	94	50 - 128	
Acetone	2000	2370	119	48 - 177	
Carbon disulfide	2000	1590	80	70 - 120	
Methyl acetate	2000	1720	86	72 - 165	
Methylene Chloride	2000	1680	84	78 - 118	
trans-1,2-Dichloroethene	2000	1610	81	73 - 119	
Methyl tert-butyl ether	2000	1720	86	65 - 143	
1,1-Dichloroethane	2000	1670	84	79 - 119	
cis-1,2-Dichloroethene	2000	1690	85	78 - 118	
2-Butanone (MEK)	2000	1600	80	70 - 139	
Chloroform	2000	1690	84	81 - 122	
1,1,1-Trichloroethane	2000	1690	84	78 - 118	
Cyclohexane	2000	2090	104	69 - 128	
Carbon tetrachloride	2000	1730	86	64 - 130	
Benzene	2000	1710	86	71 - 118	
1,2-Dichloroethane	2000	1690	84	81 - 121	
Trichloroethene	2000	1690	85	82 - 122	
Methylcyclohexane	2000	2610	131	80 - 134	
1,2-Dichloropropane	2000	1680	84	78 - 118	
Dichlorobromomethane	2000	1730	86	78 - 118	
cis-1,3-Dichloropropene	2000	1660	83	75 - 120	
4-Methyl-2-pentanone (MIBK)	2000	1910	96	69 - 124	
Toluene	2000	1770	89	79 - 136	
trans-1,3-Dichloropropene	2000	1730	86	73 - 118	
1,1,2-Trichloroethane	2000	1710	86	77 - 120	
Tetrachloroethene	2000	1870	93	78 - 136	
2-Hexanone	2000	1860	93	62 - 123	
Chlorodibromomethane	2000	1750	87	78 - 118	
1,2-Dibromoethane	2000	1750	87	76 - 120	
Chlorobenzene	2000	1710	86	69 - 124	
Ethylbenzene	2000	1730	86	78 - 124	
Xylenes, Total	6000	5500	92	78 - 126	
Styrene	2000	1740	87	73 - 126	
Bromoform	2000	1820	91	76 - 133	
Isopropylbenzene	2000	1970	99	80 - 143	
1,1,2,2-Tetrachloroethane	2000	1740	87	86 - 145	
1,3-Dichlorobenzene	2000	2010	100	83 - 123	
1,4-Dichlorobenzene	2000	1830	91	84 - 124	
1,2-Dichlorobenzene	2000	1900	95	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89343

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-89343/3	Analysis Batch:	460-89343	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04553.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/13/2011 0449	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	2000	1890	94	62 - 127	
1,2,4-Trichlorobenzene	2000	2210	111	62 - 144	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	101		57 - 135		
4-Bromofluorobenzene	102		50 - 124		
Toluene-d8 (Surr)	101		46 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89103

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-89103/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1633
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS10
Lab File ID: p20307.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: 460-32128-1

Method Blank - Batch: 460-89103

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-89103/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1633
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS10
Lab File ID: p20307.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)	50	10 - 120
2-Fluorobiphenyl	64	40 - 109
2-Fluorophenol (Surr)	73	37 - 125
Nitrobenzene-d5 (Surr)	69	38 - 105
Phenol-d5 (Surr)	73	41 - 118
Terphenyl-d14 (Surr)	72	16 - 151

Method Blank TICs- Batch: 460-89103

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.97	4020	A J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89103

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-89103/2-A	Analysis Batch:	460-89864	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-89103	Lab File ID:	p20306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/16/2011 1607	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/11/2011 1518			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	2150	65	10 - 160	
Phenol	6370	5670	89	54 - 115	
Bis(2-chloroethyl)ether	3330	2580	77	44 - 101	
2-Chlorophenol	6410	5680	89	56 - 110	
2-Methylphenol	6420	5960	93	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2810	84	45 - 102	
Acetophenone	3340	2810	84	40 - 95	
4-Methylphenol	6420	5800	90	47 - 103	
N-Nitrosodi-n-propylamine	3330	2930	88	42 - 107	
Hexachloroethane	3330	2530	76	45 - 90	
Nitrobenzene	3330	2540	76	42 - 106	
Isophorone	3330	2850	86	48 - 97	
2-Nitrophenol	6440	5490	85	55 - 101	
2,4-Dimethylphenol	6410	5440	85	56 - 112	
Bis(2-chloroethoxy)methane	3330	2630	79	51 - 100	
2,4-Dichlorophenol	6450	5620	87	58 - 115	
Naphthalene	3330	2570	77	53 - 94	
4-Chloroaniline	3330	2010	60	10 - 96	
Hexachlorobutadiene	3330	2520	76	45 - 98	
Caprolactam	3340	2140	64	10 - 127	
4-Chloro-3-methylphenol	6440	5950	92	55 - 117	
2-Methylnaphthalene	3330	2630	79	51 - 98	
Hexachlorocyclopentadiene	3330	2380	71	24 - 98	
2,4,6-Trichlorophenol	6490	5350	82	53 - 118	
2,4,5-Trichlorophenol	6490	5700	88	50 - 115	
1,1'-Biphenyl	3340	2630	79	50 - 105	
2-Chloronaphthalene	3330	2480	74	51 - 102	
2-Nitroaniline	3330	3270	98	51 - 109	
Dimethyl phthalate	3330	2720	81	52 - 112	
2,6-Dinitrotoluene	3330	2550	77	51 - 115	
Acenaphthylene	3330	2560	77	51 - 103	
3-Nitroaniline	3330	2300	69	32 - 104	
Acenaphthene	3330	2620	79	46 - 100	
2,4-Dinitrophenol	6670	1250	19	10 - 129	
4-Nitrophenol	6670	5420	81	45 - 114	
Dibenzofuran	3330	2620	79	52 - 106	
2,4-Dinitrotoluene	3330	2850	85	53 - 110	
Diethyl phthalate	3330	2730	82	52 - 114	
Fluorene	3330	2700	81	51 - 108	
4-Chlorophenyl phenyl ether	3330	2640	79	50 - 106	
4-Nitroaniline	3330	2870	86	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2490	37	10 - 110	
N-Nitrosodiphenylamine	3330	2950	88	49 - 106	
4-Bromophenyl phenyl ether	3330	2680	80	44 - 102	
Hexachlorobenzene	3330	2740	82	43 - 104	
Atrazine	3330	2730	82	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89103

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-89103/2-A	Analysis Batch:	460-89864	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-89103	Lab File ID:	p20306.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/16/2011 1607	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/11/2011 1518			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	4770	71	19 - 113	
Phenanthrene	3330	2720	82	48 - 108	
Anthracene	3330	2670	80	50 - 107	
Carbazole	3330	2680	80	49 - 104	
Di-n-butyl phthalate	3330	2720	81	50 - 108	
Fluoranthene	3330	2760	83	49 - 108	
Pyrene	3330	2640	79	49 - 116	
Butyl benzyl phthalate	3330	2670	80	49 - 117	
3,3'-Dichlorobenzidine	3330	2310	69	24 - 105	
Benzo[a]anthracene	3330	2740	82	46 - 112	
Chrysene	3330	2790	84	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2630	79	49 - 119	
Di-n-octyl phthalate	3330	2660	80	40 - 106	
Benzo[b]fluoranthene	3330	2710	81	33 - 96	
Benzo[k]fluoranthene	3330	2840	85	35 - 115	
Benzo[a]pyrene	3330	2660	80	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2780	83	43 - 109	
Dibenz(a,h)anthracene	3330	2800	84	43 - 107	
Benzo[g,h,i]perylene	3330	2680	80	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87	10 - 120
2-Fluorobiphenyl	76	40 - 109
2-Fluorophenol (Surr)	83	37 - 125
Nitrobenzene-d5 (Surr)	79	38 - 105
Phenol-d5 (Surr)	84	41 - 118
Terphenyl-d14 (Surr)	82	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89103

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1725
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20309.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1750
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20310.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	119	71	10 - 160	50	30		F
Phenol	77	68	54 - 115	12	30		
Bis(2-chloroethyl)ether	69	61	44 - 101	11	30		
2-Chlorophenol	77	68	56 - 110	11	30		
2-Methylphenol	79	71	54 - 117	10	30		
2,2'-oxybis[1-chloropropane]	76	67	45 - 102	12	30		
Acetophenone	73	64	40 - 95	12	30		
4-Methylphenol	78	69	47 - 103	12	30		
N-Nitrosodi-n-propylamine	79	71	42 - 107	11	30		
Hexachloroethane	68	61	45 - 90	11	30		
Nitrobenzene	68	61	42 - 106	11	30		
Isophorone	73	66	48 - 97	9	30		
2-Nitrophenol	69	65	55 - 101	7	30		
2,4-Dimethylphenol	76	68	56 - 112	11	30		
Bis(2-chloroethoxy)methane	71	65	51 - 100	9	30		
2,4-Dichlorophenol	75	66	58 - 115	13	30		
Naphthalene	69	62	53 - 94	10	30		
4-Chloroaniline	61	47	10 - 96	25	30		
Hexachlorobutadiene	65	61	45 - 98	7	30		
Caprolactam	83	51	10 - 127	47	30		F
4-Chloro-3-methylphenol	81	71	55 - 117	12	30		
2-Methylnaphthalene	69	63	51 - 98	10	30		
Hexachlorocyclopentadiene	57	49	24 - 98	13	30		
2,4,6-Trichlorophenol	71	61	53 - 118	15	30		
2,4,5-Trichlorophenol	74	63	50 - 115	15	30		
1,1'-Biphenyl	69	61	50 - 105	13	30		
2-Chloronaphthalene	65	57	51 - 102	13	30		
2-Nitroaniline	69	59	51 - 109	16	30		
Dimethyl phthalate	74	63	52 - 112	17	30		
2,6-Dinitrotoluene	71	59	51 - 115	18	30		
Acenaphthylene	68	59	51 - 103	14	30		
3-Nitroaniline	74	59	32 - 104	22	30		
Acenaphthene	69	60	46 - 100	14	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89103

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1725
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20309.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1750
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analysis Batch: 460-89864
Prep Batch: 460-89103
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20310.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	9	4	10 - 129	88	30	J F	J F
4-Nitrophenol	74	63	45 - 114	17	30		
Dibenzofuran	71	62	52 - 106	13	30		
2,4-Dinitrotoluene	78	65	53 - 110	17	30		
Diethyl phthalate	76	65	52 - 114	15	30		
Fluorene	73	62	51 - 108	16	30		
4-Chlorophenyl phenyl ether	72	60	50 - 106	17	30		
4-Nitroaniline	88	65	45 - 106	31	30		F
4,6-Dinitro-2-methylphenol	23	13	10 - 110	57	30		J F
N-Nitrosodiphenylamine	76	67	49 - 106	12	30		
4-Bromophenyl phenyl ether	68	60	44 - 102	13	30		
Hexachlorobenzene	68	60	43 - 104	12	30		
Atrazine	56	50	30 - 100	12	30		
Pentachlorophenol	63	45	19 - 113	32	30		F
Phenanthrene	71	63	48 - 108	13	30		
Anthracene	69	62	50 - 107	11	30		
Carbazole	73	64	49 - 104	13	30		
Di-n-butyl phthalate	76	67	50 - 108	11	30		
Fluoranthene	76	66	49 - 108	15	30		
Pyrene	71	61	49 - 116	15	30		
Butyl benzyl phthalate	71	62	49 - 117	13	30		
3,3'-Dichlorobenzidine	72	60	24 - 105	17	30		
Benzo[a]anthracene	71	64	46 - 112	10	30		
Chrysene	71	62	45 - 114	13	30		
Bis(2-ethylhexyl) phthalate	72	63	49 - 119	13	30		
Di-n-octyl phthalate	72	65	40 - 106	11	30		
Benzo[b]fluoranthene	76	70	33 - 96	8	30		
Benzo[k]fluoranthene	78	75	35 - 115	3	30		
Benzo[a]pyrene	74	70	36 - 89	7	30		
Indeno[1,2,3-cd]pyrene	77	70	43 - 109	9	30		
Dibenz(a,h)anthracene	77	73	43 - 107	5	30		
Benzo[g,h,i]perylene	77	71	43 - 106	7	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77	64	10 - 120
2-Fluorobiphenyl	64	57	40 - 109
2-Fluorophenol (Surr)	72	64	37 - 125
Nitrobenzene-d5 (Surr)	68	63	38 - 105
Phenol-d5 (Surr)	72	65	41 - 118
Terphenyl-d14 (Surr)	69	60	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89103

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1725
Prep Date: 10/11/2011 1518
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1750
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	330 U	3330	3330	3960	2370 F
Phenol	330 U	6360	6360	4910	4350
Bis(2-chloroethyl)ether	33 U	3330	3330	2290	2040
2-Chlorophenol	330 U	6400	6400	4890	4370
2-Methylphenol	330 U	6410	6410	5070	4570
2,2'-oxybis[1-chloropropane]	330 U	3330	3330	2520	2220
Acetophenone	330 U	3330	3330	2420	2150
4-Methylphenol	330 U	6410	6410	5020	4430
N-Nitrosodi-n-propylamine	33 U	3330	3330	2640	2370
Hexachloroethane	33 U	3330	3330	2250	2010
Nitrobenzene	33 U	3330	3330	2250	2020
Isophorone	330 U	3330	3330	2430	2210
2-Nitrophenol	330 U	6430	6430	4470	4170
2,4-Dimethylphenol	330 U	6400	6400	4860	4370
Bis(2-chloroethoxy)methane	330 U	3330	3330	2360	2150
2,4-Dichlorophenol	330 U	6440	6440	4820	4230
Naphthalene	330 U	3330	3330	2290	2070
4-Chloroaniline	330 U	3330	3330	2020	1570
Hexachlorobutadiene	67 U	3330	3330	2170	2020
Caprolactam	330 U	3330	3330	2760	1710 F
4-Chloro-3-methylphenol	330 U	6430	6430	5190	4580
2-Methylnaphthalene	330 U	3330	3330	2310	2090
Hexachlorocyclopentadiene	330 U	3330	3330	1880	1650
2,4,6-Trichlorophenol	330 U	6480	6480	4600	3950
2,4,5-Trichlorophenol	330 U	6480	6480	4770	4120
1,1'-Biphenyl	330 U	3330	3330	2310	2020
2-Chloronaphthalene	330 U	3330	3330	2150	1890
2-Nitroaniline	670 U	3330	3330	2300	1950
Dimethyl phthalate	330 U	3330	3330	2470	2090
2,6-Dinitrotoluene	67 U	3330	3330	2370	1980
Acenaphthylene	330 U	3330	3330	2250	1950
3-Nitroaniline	670 U	3330	3330	2450	1970
Acenaphthene	330 U	3330	3330	2280	1990
2,4-Dinitrophenol	1000 U	6660	6660	616 J F	238 J F
4-Nitrophenol	1000 U	6660	6660	4940	4180
Dibenzofuran	330 U	3330	3330	2360	2070
2,4-Dinitrotoluene	67 U	3330	3330	2580	2170
Diethyl phthalate	330 U	3330	3330	2530	2170
Fluorene	330 U	3330	3330	2420	2070
4-Chlorophenyl phenyl ether	330 U	3330	3330	2380	2010
4-Nitroaniline	670 U	3330	3330	2930	2150 F
4,6-Dinitro-2-methylphenol	1000 U	6660	6660	1500	837 J F
N-Nitrosodiphenylamine	330 U	3330	3330	2530	2240

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89103**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1725
Prep Date: 10/11/2011 1518
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/16/2011 1750
Prep Date: 10/11/2011 1518
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
4-Bromophenyl phenyl ether	330	U	3330	3330	2270	1990	
Hexachlorobenzene	33	U	3330	3330	2260	2010	
Atrazine	330	U	3330	3330	1870	1660	
Pentachlorophenol	1000	U	6660	6660	4180	3010	F
Phenanthrene	330	U	3330	3330	2370	2080	
Anthracene	330	U	3330	3330	2280	2050	
Carbazole	330	U	3330	3330	2420	2120	
Di-n-butyl phthalate	260	J	3330	3330	2780	2490	
Fluoranthene	330	U	3330	3330	2540	2200	
Pyrene	330	U	3330	3330	2360	2030	
Butyl benzyl phthalate	330	U	3330	3330	2350	2070	
3,3'-Dichlorobenzidine	670	U	3330	3330	2380	2010	
Benzo[a]anthracene	33	U	3330	3330	2360	2130	
Chrysene	330	U	3330	3330	2350	2080	
Bis(2-ethylhexyl) phthalate	330	U	3330	3330	2390	2100	
Di-n-octyl phthalate	330	U	3330	3330	2400	2160	
Benzo[b]fluoranthene	33	U	3330	3330	2520	2340	
Benzo[k]fluoranthene	33	U	3330	3330	2590	2500	
Benzo[a]pyrene	33	U	3330	3330	2470	2310	
Indeno[1,2,3-cd]pyrene	33	U	3330	3330	2570	2340	
Dibenz(a,h)anthracene	33	U	3330	3330	2560	2430	
Benzo[g,h,i]perylene	330	U	3330	3330	2550	2370	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89256

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-89256/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0137
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10791.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: 460-32128-1

Method Blank - Batch: 460-89256

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-89256/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0137
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10791.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)	67	10 - 120
2-Fluorobiphenyl	73	40 - 109
2-Fluorophenol (Surr)	73	37 - 125
Nitrobenzene-d5 (Surr)	79	38 - 105
Phenol-d5 (Surr)	74	41 - 118
Terphenyl-d14 (Surr)	82	16 - 151

Method Blank TICs- Batch: 460-89256

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	1.99	5950	A J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89256

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-89256/2-A	Analysis Batch:	460-89651	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-89256	Lab File ID:	z10792.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/14/2011 0202	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/12/2011 1552			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	1270	38	10 - 160	
Phenol	6370	4850	76	54 - 115	
Bis(2-chloroethyl)ether	3330	2510	75	44 - 101	
2-Chlorophenol	6410	4870	76	56 - 110	
2-Methylphenol	6420	5100	79	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2460	74	45 - 102	
Acetophenone	3340	2450	74	40 - 95	
4-Methylphenol	6420	4420	69	47 - 103	
N-Nitrosodi-n-propylamine	3330	2620	79	42 - 107	
Hexachloroethane	3330	2480	74	45 - 90	
Nitrobenzene	3330	2480	74	42 - 106	
Isophorone	3330	2520	75	48 - 97	
2-Nitrophenol	6440	5140	80	55 - 101	
2,4-Dimethylphenol	6410	5050	79	56 - 112	
Bis(2-chloroethoxy)methane	3330	2620	79	51 - 100	
2,4-Dichlorophenol	6450	4910	76	58 - 115	
Naphthalene	3330	2540	76	53 - 94	
4-Chloroaniline	3330	1810	54	10 - 96	
Hexachlorobutadiene	3330	2630	79	45 - 98	
Caprolactam	3340	1920	58	10 - 127	
4-Chloro-3-methylphenol	6440	5280	82	55 - 117	
2-Methylnaphthalene	3330	2590	78	51 - 98	
Hexachlorocyclopentadiene	3330	2180	66	24 - 98	
2,4,6-Trichlorophenol	6490	5070	78	53 - 118	
2,4,5-Trichlorophenol	6490	5090	78	50 - 115	
1,1'-Biphenyl	3340	2650	79	50 - 105	
2-Chloronaphthalene	3330	2580	77	51 - 102	
2-Nitroaniline	3330	2500	75	51 - 109	
Dimethyl phthalate	3330	2770	83	52 - 112	
2,6-Dinitrotoluene	3330	2720	82	51 - 115	
Acenaphthylene	3330	2510	75	51 - 103	
3-Nitroaniline	3330	2100	63	32 - 104	
Acenaphthene	3330	2660	80	46 - 100	
2,4-Dinitrophenol	6670	1020	15	10 - 129	
4-Nitrophenol	6670	6090	91	45 - 114	
Dibenzofuran	3330	2680	80	52 - 106	
2,4-Dinitrotoluene	3330	2790	84	53 - 110	
Diethyl phthalate	3330	2730	82	52 - 114	
Fluorene	3330	2720	82	51 - 108	
4-Chlorophenyl phenyl ether	3330	2760	83	50 - 106	
4-Nitroaniline	3330	2300	69	45 - 106	
4,6-Dinitro-2-methylphenol	6670	2260	34	10 - 110	
N-Nitrosodiphenylamine	3330	2830	85	49 - 106	
4-Bromophenyl phenyl ether	3330	2780	84	44 - 102	
Hexachlorobenzene	3330	2860	86	43 - 104	
Atrazine	3330	2180	65	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89256

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-89256/2-A	Analysis Batch:	460-89651	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-89256	Lab File ID:	z10792.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/14/2011 0202	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/12/2011 1552			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	4640	69	19 - 113	
Phenanthrene	3330	2810	84	48 - 108	
Anthracene	3330	2750	82	50 - 107	
Carbazole	3330	2860	86	49 - 104	
Di-n-butyl phthalate	3330	2840	85	50 - 108	
Fluoranthene	3330	2890	87	49 - 108	
Pyrene	3330	2550	77	49 - 116	
Butyl benzyl phthalate	3330	2670	80	49 - 117	
3,3'-Dichlorobenzidine	3330	2730	82	24 - 105	
Benzo[a]anthracene	3330	2890	87	46 - 112	
Chrysene	3330	2850	85	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2740	82	49 - 119	
Di-n-octyl phthalate	3330	2400	72	40 - 106	
Benzo[b]fluoranthene	3330	2840	85	33 - 96	
Benzo[k]fluoranthene	3330	2720	82	35 - 115	
Benzo[a]pyrene	3330	2730	82	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2700	81	43 - 109	
Dibenz(a,h)anthracene	3330	2930	88	43 - 107	
Benzo[g,h,i]perylene	3330	2890	87	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77	10 - 120
2-Fluorobiphenyl	76	40 - 109
2-Fluorophenol (Surr)	70	37 - 125
Nitrobenzene-d5 (Surr)	76	38 - 105
Phenol-d5 (Surr)	70	41 - 118
Terphenyl-d14 (Surr)	77	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89256

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32224-B-56-A MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0253
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10794.d
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32224-B-56-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0318
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10795.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	36	41	10 - 160	12	30		
Phenol	68	74	54 - 115	9	30		
Bis(2-chloroethyl)ether	68	76	44 - 101	11	30		
2-Chlorophenol	67	75	56 - 110	11	30		
2-Methylphenol	72	80	54 - 117	10	30		
2,2'-oxybis[1-chloropropane]	69	76	45 - 102	9	30		
Acetophenone	68	75	40 - 95	9	30		
4-Methylphenol	62	68	47 - 103	10	30		
N-Nitrosodi-n-propylamine	74	80	42 - 107	8	30		
Hexachloroethane	68	76	45 - 90	12	30		
Nitrobenzene	69	76	42 - 106	10	30		
Isophorone	72	81	48 - 97	12	30		
2-Nitrophenol	65	74	55 - 101	13	30		
2,4-Dimethylphenol	73	82	56 - 112	11	30		
Bis(2-chloroethoxy)methane	74	82	51 - 100	11	30		
2,4-Dichlorophenol	67	74	58 - 115	11	30		
Naphthalene	70	78	53 - 94	12	30		
4-Chloroaniline	50	55	10 - 96	9	30		
Hexachlorobutadiene	73	82	45 - 98	12	30		
Caprolactam	71	87	10 - 127	20	30		
4-Chloro-3-methylphenol	72	84	55 - 117	15	30		
2-Methylnaphthalene	73	81	51 - 98	10	30		
Hexachlorocyclopentadiene	57	65	24 - 98	14	30		
2,4,6-Trichlorophenol	62	74	53 - 118	17	30		
2,4,5-Trichlorophenol	61	72	50 - 115	17	30		
1,1'-Biphenyl	76	86	50 - 105	14	30		
2-Chloronaphthalene	74	84	51 - 102	12	30		
2-Nitroaniline	68	79	51 - 109	15	30		
Dimethyl phthalate	77	91	52 - 112	17	30		
2,6-Dinitrotoluene	74	86	51 - 115	15	30		
Acenaphthylene	71	81	51 - 103	14	30		
3-Nitroaniline	59	71	32 - 104	18	30		
Acenaphthene	76	92	46 - 100	19	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89256

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32224-B-56-A MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0253
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10794.d
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-32224-B-56-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0318
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analysis Batch: 460-89651
Prep Batch: 460-89256
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10795.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-Dinitrophenol	6	11	10 - 129	57	30	J F	J F
4-Nitrophenol	70	90	45 - 114	24	30		
Dibenzofuran	75	89	52 - 106	17	30		
2,4-Dinitrotoluene	76	88	53 - 110	15	30		
Diethyl phthalate	74	89	52 - 114	19	30		
Fluorene	74	93	51 - 108	22	30		
4-Chlorophenyl phenyl ether	75	87	50 - 106	15	30		
4-Nitroaniline	53	74	45 - 106	33	30		F
4,6-Dinitro-2-methylphenol	22	32	10 - 110	38	30		F
N-Nitrosodiphenylamine	78	94	49 - 106	18	30		
4-Bromophenyl phenyl ether	76	90	44 - 102	18	30		
Hexachlorobenzene	77	88	43 - 104	13	30		
Atrazine	61	73	30 - 100	18	30		
Pentachlorophenol	25	27	19 - 113	10	30		
Phenanthrene	79	180	48 - 108	75	30		F
Anthracene	79	107	50 - 107	29	30		
Carbazole	78	99	49 - 104	24	30		
Di-n-butyl phthalate	77	92	50 - 108	18	30		
Fluoranthene	79	169	49 - 108	67	30		F
Pyrene	71	148	49 - 116	65	30		F
Butyl benzyl phthalate	73	87	49 - 117	18	30		
3,3'-Dichlorobenzidine	74	84	24 - 105	13	30		
Benzo[a]anthracene	76	139	46 - 112	56	30		F
Chrysene	77	131	45 - 114	49	30		F
Bis(2-ethylhexyl) phthalate	73	87	49 - 119	18	30		
Di-n-octyl phthalate	59	67	40 - 106	12	30		
Benzo[b]fluoranthene	76	128	33 - 96	48	30		F
Benzo[k]fluoranthene	68	95	35 - 115	31	30		F
Benzo[a]pyrene	70	111	36 - 89	42	30		F
Indeno[1,2,3-cd]pyrene	74	101	43 - 109	29	30		
Dibenz(a,h)anthracene	78	101	43 - 107	25	30		
Benzo[g,h,i]perylene	80	110	43 - 106	31	30		F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	53	63	10 - 120
2-Fluorobiphenyl	72	83	40 - 109
2-Fluorophenol (Surr)	60	68	37 - 125
Nitrobenzene-d5 (Surr)	70	78	38 - 105
Phenol-d5 (Surr)	63	69	41 - 118
Terphenyl-d14 (Surr)	67	80	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89256

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-32224-B-56-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0253
Prep Date: 10/12/2011 1552
Leach Date: N/A

MSD Lab Sample ID: 460-32224-B-56-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0318
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	380	U	3840	3850	1390	1570
Phenol	380	U	7350	7360	4980	5440
Bis(2-chloroethyl)ether	38	U	3840	3850	2630	2940
2-Chlorophenol	380	U	7390	7390	4950	5520
2-Methylphenol	380	U	7410	7410	5370	5950
2,2'-oxybis[1-chloropropane]	380	U	3840	3850	2650	2910
Acetophenone	380	U	3850	3850	2630	2880
4-Methylphenol	380	U	7410	7410	4580	5070
N-Nitrosodi-n-propylamine	38	U	3840	3850	2840	3060
Hexachloroethane	38	U	3840	3850	2620	2940
Nitrobenzene	38	U	3840	3850	2660	2940
Isophorone	380	U	3840	3850	2770	3120
2-Nitrophenol	380	U	7430	7430	4840	5510
2,4-Dimethylphenol	380	U	7390	7400	5420	6070
Bis(2-chloroethoxy)methane	380	U	3840	3850	2840	3160
2,4-Dichlorophenol	380	U	7440	7450	4950	5540
Naphthalene	380	U	3840	3850	2680	3010
4-Chloroaniline	380	U	3840	3850	1920	2100
Hexachlorobutadiene	77	U	3840	3850	2790	3140
Caprolactam	380	U	3850	3850	2720	3330
4-Chloro-3-methylphenol	380	U	7430	7440	5380	6240
2-Methylnaphthalene	380	U	3840	3850	2800	3110
Hexachlorocyclopentadiene	380	U	3840	3850	2170	2510
2,4,6-Trichlorophenol	380	U	7490	7490	4650	5520
2,4,5-Trichlorophenol	380	U	7490	7490	4570	5430
1,1'-Biphenyl	380	U	3850	3850	2910	3330
2-Chloronaphthalene	380	U	3840	3850	2850	3220
2-Nitroaniline	770	U	3840	3850	2620	3040
Dimethyl phthalate	380	U	3840	3850	2960	3520
2,6-Dinitrotoluene	77	U	3840	3850	2850	3320
Acenaphthylene	380	U	3840	3850	2710	3110
3-Nitroaniline	770	U	3840	3850	2280	2730
Acenaphthene	380	U	3840	3850	2920	3520
2,4-Dinitrophenol	1200	U	7690	7690	484	872
4-Nitrophenol	1200	U	7690	7690	5420	6920
Dibenzofuran	380	U	3840	3850	2880	3430
2,4-Dinitrotoluene	77	U	3840	3850	2910	3380
Diethyl phthalate	380	U	3840	3850	2840	3430
Fluorene	380	U	3840	3850	2860	3570
4-Chlorophenyl phenyl ether	380	U	3840	3850	2870	3360
4-Nitroaniline	770	U	3840	3850	2050	2850
4,6-Dinitro-2-methylphenol	1200	U	7690	7700	1660	2430
N-Nitrosodiphenylamine	380	U	3850	3850	3000	3610

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89256**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-32224-B-56-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0253
Prep Date: 10/12/2011 1552
Leach Date: N/A

MSD Lab Sample ID: 460-32224-B-56-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/14/2011 0318
Prep Date: 10/12/2011 1552
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	380	U	3840	3850	2900	3480
Hexachlorobenzene	38	U	3840	3850	2950	3380
Atrazine	380	U	3840	3850	2330	2800
Pentachlorophenol	1200	U	7690	7700	1890	2080
Phenanthrene	190	J	3840	3850	3250	7110 F
Anthracene	380	U	3840	3850	3050	4110
Carbazole	380	U	3840	3850	2980	3800
Di-n-butyl phthalate	380	U	3840	3850	2950	3530
Fluoranthene	410		3840	3850	3450	6900 F
Pyrene	300	J	3840	3850	3040	5980 F
Butyl benzyl phthalate	380	U	3840	3850	2800	3350
3,3'-Dichlorobenzidine	770	U	3840	3850	2840	3220
Benzo[a]anthracene	260		3840	3850	3160	5620 F
Chrysene	240	J	3840	3850	3220	5300 F
Bis(2-ethylhexyl) phthalate	380	U	3840	3850	2810	3360
Di-n-octyl phthalate	380	U	3840	3850	2280	2570
Benzo[b]fluoranthene	280		3840	3850	3180	5190 F
Benzo[k]fluoranthene	130		3840	3850	2750	3770 F
Benzo[a]pyrene	230		3840	3850	2920	4500 F
Indeno[1,2,3-cd]pyrene	150		3840	3850	2990	4020
Dibenz(a,h)anthracene	40		3840	3850	3050	3940
Benzo[g,h,i]perylene	130	J	3840	3850	3200	4380 F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89001

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-89001/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 1137
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analysis Batch: 460-89301
Prep Batch: 460-89001
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC1
Lab File ID: xr125373.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	116	53 - 150
Tetrachloro-m-xylene	95	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	53 - 150
Tetrachloro-m-xylene	87	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89001

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-89001/2-A	Analysis Batch:	460-89301	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-89001	Lab File ID:	xf125361.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/12/2011 0853	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0347			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	128	96	58 - 138	
beta-BHC	133	129	96	60 - 139	
delta-BHC	133	137	102	60 - 141	
gamma-BHC (Lindane)	133	132	99	58 - 136	
Heptachlor	133	130	98	58 - 137	
Aldrin	133	137	103	58 - 143	
Heptachlor epoxide	133	135	101	59 - 136	
Endosulfan I	133	136	102	60 - 138	
Dieldrin	133	144	108	55 - 128	
4,4'-DDE	133	137	103	58 - 150	
Endrin	133	148	111	61 - 150	
Endosulfan II	133	141	106	59 - 133	
4,4'-DDD	133	143	107	63 - 150	
Endosulfan sulfate	133	138	103	56 - 133	
4,4'-DDT	133	144	108	57 - 150	
Methoxychlor	133	136	102	42 - 150	
Endrin ketone	133	137	103	62 - 139	
Endrin aldehyde	133	124	93	55 - 122	
alpha-Chlordane	133	129	97	49 - 143	
gamma-Chlordane	133	136	102	45 - 147	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	153	X	53 - 150		
Tetrachloro-m-xylene	101		40 - 150		

Lab Control Sample - Batch: 460-89001

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-89001/2-A	Analysis Batch:	460-89301	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-89001	Lab File ID:	xr125361.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/12/2011 0853	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0347			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	118	88	58 - 138	
beta-BHC	133	126	95	60 - 139	
delta-BHC	133	122	91	60 - 141	
gamma-BHC (Lindane)	133	118	88	58 - 136	
Heptachlor	133	125	94	58 - 137	
Aldrin	133	123	92	58 - 143	
Heptachlor epoxide	133	131	99	59 - 136	
Endosulfan I	133	131	98	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89001

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-89001/2-A	Analysis Batch:	460-89301	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-89001	Lab File ID:	xf125361.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/12/2011 0853	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0347			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	135	101	55 - 128	
4,4'-DDE	133	135	101	58 - 150	
Endrin	133	144	108	61 - 150	
Endosulfan II	133	141	106	59 - 133	
4,4'-DDD	133	137	103	63 - 150	
Endosulfan sulfate	133	126	95	56 - 133	
4,4'-DDT	133	141	105	57 - 150	
Methoxychlor	133	128	96	42 - 150	
Endrin ketone	133	135	102	62 - 139	
Endrin aldehyde	133	123	92	55 - 122	
alpha-Chlordane	133	110	83	49 - 143	
gamma-Chlordane	133	132	99	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		107		53 - 150	
Tetrachloro-m-xylene		101		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89001

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0906
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analysis Batch: 460-89301
Prep Batch: 460-89001
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xf125362.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0919
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analysis Batch: 460-89301
Prep Batch: 460-89001
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xf125363.d
Initial Weight/Volume: 15.05 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	95	107	58 - 138	12	30		
beta-BHC	95	106	60 - 139	12	30		
delta-BHC	103	116	60 - 141	11	30		
gamma-BHC (Lindane)	98	110	58 - 136	11	30		
Heptachlor	98	110	58 - 137	12	30		
Aldrin	98	111	58 - 143	12	30		
Heptachlor epoxide	102	114	59 - 136	10	30		
Endosulfan I	104	117	60 - 138	12	30		
Dieldrin	110	123	55 - 128	11	30		
4,4'-DDE	103	116	58 - 150	12	30		
Endrin	113	127	61 - 150	12	30		
Endosulfan II	108	122	59 - 133	12	30		
4,4'-DDD	110	124	63 - 150	12	30		
Endosulfan sulfate	101	116	56 - 133	14	30		
4,4'-DDT	110	124	57 - 150	12	30		
Methoxychlor	104	115	42 - 150	10	30		
Endrin ketone	108	117	62 - 139	7	30		
Endrin aldehyde	94	106	55 - 122	12	30		
alpha-Chlordane	98	110	49 - 143	12	30		
gamma-Chlordane	102	115	45 - 147	12	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	145		158	X	53 - 150		
Tetrachloro-m-xylene	99		109		40 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89001

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0906
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analysis Batch: 460-89301
Prep Batch: 460-89001
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xr125362.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0919
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analysis Batch: 460-89301
Prep Batch: 460-89001
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xr125363.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	89	99	58 - 138	11	30		
beta-BHC	92	101	60 - 139	8	30		
delta-BHC	93	103	60 - 141	10	30		
gamma-BHC (Lindane)	89	101	58 - 136	12	30		
Heptachlor	93	105	58 - 137	12	30		
Aldrin	94	106	58 - 143	12	30		
Heptachlor epoxide	100	111	59 - 136	10	30		
Endosulfan I	99	112	60 - 138	12	30		
Dieldrin	103	116	55 - 128	11	30		
4,4'-DDE	103	116	58 - 150	12	30		
Endrin	110	122	61 - 150	11	30		
Endosulfan II	102	115	59 - 133	12	30		
4,4'-DDD	103	115	63 - 150	11	30		
Endosulfan sulfate	96	115	56 - 133	18	30		
4,4'-DDT	108	119	57 - 150	10	30		
Methoxychlor	98	114	42 - 150	15	30		
Endrin ketone	99	116	62 - 139	15	30		
Endrin aldehyde	90	104	55 - 122	14	30		
alpha-Chlordane	76	98	49 - 143	25	30		
gamma-Chlordane	100	112	45 - 147	10	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	127		121	53 - 150			
Tetrachloro-m-xylene	98		107	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89001**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0906
Prep Date: 10/11/2011 0347
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0919
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	6.7	U	133	133	127	143
beta-BHC	6.7	U	133	133	126	141
delta-BHC	6.7	U	133	133	137	154
gamma-BHC (Lindane)	6.7	U	133	133	131	146
Heptachlor	6.7	U	133	133	131	146
Aldrin	6.7	U	133	133	130	147
Heptachlor epoxide	6.7	U	133	133	136	151
Endosulfan I	6.7	U	133	133	138	155
Dieldrin	6.7	U	133	133	146	163
4,4'-DDE	6.7	U	133	133	138	155
Endrin	6.7	U	133	133	150	168
Endosulfan II	6.7	U	133	133	144	162
4,4'-DDD	6.7	U	133	133	147	165
Endosulfan sulfate	6.7	U	133	133	134	154
4,4'-DDT	6.7	U	133	133	146	165
Methoxychlor	6.7	U	133	133	138	152
Endrin ketone	6.7	U	133	133	144	155
Endrin aldehyde	6.7	U	133	133	125	141
alpha-Chlordane	6.7	U	133	133	130	147
gamma-Chlordane	6.7	U	133	133	136	152

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89001**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0906
Prep Date: 10/11/2011 0347
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 0919
Prep Date: 10/11/2011 0347
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	6.7	U	133	133	118	131
beta-BHC	6.7	U	133	133	123	134
delta-BHC	6.7	U	133	133	124	137
gamma-BHC (Lindane)	6.7	U	133	133	119	134
Heptachlor	6.7	U	133	133	123	139
Aldrin	6.7	U	133	133	125	140
Heptachlor epoxide	6.7	U	133	133	134	148
Endosulfan I	6.7	U	133	133	132	149
Dieldrin	6.7	U	133	133	137	154
4,4'-DDE	6.7	U	133	133	137	154
Endrin	6.7	U	133	133	146	163
Endosulfan II	6.7	U	133	133	136	153
4,4'-DDD	6.7	U	133	133	137	153
Endosulfan sulfate	6.7	U	133	133	128	152
4,4'-DDT	6.7	U	133	133	143	159
Methoxychlor	6.7	U	133	133	131	152
Endrin ketone	6.7	U	133	133	132	155
Endrin aldehyde	6.7	U	133	133	120	138
alpha-Chlordane	6.7	U	133	133	101	130
gamma-Chlordane	6.7	U	133	133	134	148

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89299

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-89299/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 1236
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC1
Lab File ID: xr125406.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	105	53 - 150
Tetrachloro-m-xylene	101	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	53 - 150
Tetrachloro-m-xylene	98	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89299

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-89299/2-A	Analysis Batch:	460-89324	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-89299	Lab File ID:	xf125392.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 0924	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0319			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	122	91	58 - 138	
beta-BHC	133	123	92	60 - 139	
delta-BHC	133	124	93	60 - 141	
gamma-BHC (Lindane)	133	125	94	58 - 136	
Heptachlor	133	126	95	58 - 137	
Aldrin	133	128	96	58 - 143	
Heptachlor epoxide	133	126	94	59 - 136	
Endosulfan I	133	128	96	60 - 138	
Dieldrin	133	127	95	55 - 128	
4,4'-DDE	133	125	94	58 - 150	
Endrin	133	118	88	61 - 150	
Endosulfan II	133	122	91	59 - 133	
4,4'-DDD	133	125	94	63 - 150	
Endosulfan sulfate	133	110	82	56 - 133	
4,4'-DDT	133	126	94	57 - 150	
Methoxychlor	133	116	87	42 - 150	
Endrin ketone	133	115	86	62 - 139	
Endrin aldehyde	133	113	85	55 - 122	
alpha-Chlordane	133	124	93	49 - 143	
gamma-Chlordane	133	126	94	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		108		53 - 150	
Tetrachloro-m-xylene		99		40 - 150	

Lab Control Sample - Batch: 460-89299

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-89299/2-A	Analysis Batch:	460-89324	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-89299	Lab File ID:	xr125392.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 0924	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0319			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	119	89	58 - 138	
beta-BHC	133	122	91	60 - 139	
delta-BHC	133	118	89	60 - 141	
gamma-BHC (Lindane)	133	118	89	58 - 136	
Heptachlor	133	121	91	58 - 137	
Aldrin	133	126	94	58 - 143	
Heptachlor epoxide	133	122	91	59 - 136	
Endosulfan I	133	119	89	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89299

Method: 8081A
Preparation: 3541

Lab Sample ID: LCS 460-89299/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0924
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC1
Lab File ID: xf125392.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	122	92	55 - 128	
4,4'-DDE	133	121	91	58 - 150	
Endrin	133	113	84	61 - 150	
Endosulfan II	133	118	89	59 - 133	
4,4'-DDD	133	122	91	63 - 150	
Endosulfan sulfate	133	110	82	56 - 133	
4,4'-DDT	133	123	93	57 - 150	
Methoxychlor	133	111	83	42 - 150	
Endrin ketone	133	112	84	62 - 139	
Endrin aldehyde	133	112	84	55 - 122	
alpha-Chlordane	133	119	89	49 - 143	
gamma-Chlordane	133	121	91	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		103		53 - 150	
Tetrachloro-m-xylene		94		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89299

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-32001-C-12-F MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0938
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xf125393.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 460-32001-C-12-G MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0951
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xf125394.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	96	92	58 - 138	4	30		
beta-BHC	96	92	60 - 139	4	30		
delta-BHC	102	97	60 - 141	5	30		
gamma-BHC (Lindane)	99	95	58 - 136	3	30		
Heptachlor	99	94	58 - 137	5	30		
Aldrin	101	97	58 - 143	4	30		
Heptachlor epoxide	98	94	59 - 136	3	30		
Endosulfan I	97	93	60 - 138	4	30		
Dieldrin	100	97	55 - 128	4	30		
4,4'-DDE	99	94	58 - 150	6	30		
Endrin	102	98	61 - 150	4	30		
Endosulfan II	99	93	59 - 133	6	30		
4,4'-DDD	98	93	63 - 150	5	30		
Endosulfan sulfate	97	92	56 - 133	5	30		
4,4'-DDT	103	97	57 - 150	6	30		
Methoxychlor	98	94	42 - 150	4	30		
Endrin ketone	100	96	62 - 139	4	30		
Endrin aldehyde	95	89	55 - 122	7	30		
alpha-Chlordane	97	93	49 - 143	3	30		
gamma-Chlordane	98	93	45 - 147	5	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	121		179	X	53 - 150		
Tetrachloro-m-xylene	101		100		40 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89299

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-32001-C-12-F MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0938
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xr125393.d
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

MSD Lab Sample ID: 460-32001-C-12-G MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0951
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analysis Batch: 460-89324
Prep Batch: 460-89299
Leach Batch: N/A

Instrument ID: PESTGC1
Lab File ID: xr125394.d
Initial Weight/Volume: 15.00 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	88	87	58 - 138	2	30		
beta-BHC	92	90	60 - 139	2	30		
delta-BHC	90	87	60 - 141	3	30		
gamma-BHC (Lindane)	88	87	58 - 136	2	30		
Heptachlor	89	86	58 - 137	3	30		
Aldrin	90	87	58 - 143	3	30		
Heptachlor epoxide	97	93	59 - 136	4	30		
Endosulfan I	97	91	60 - 138	5	30		
Dieldrin	100	95	55 - 128	5	30		
4,4'-DDE	93	90	58 - 150	3	30		
Endrin	102	97	61 - 150	5	30		
Endosulfan II	95	90	59 - 133	4	30		
4,4'-DDD	98	93	63 - 150	6	30		
Endosulfan sulfate	84	79	56 - 133	7	30		
4,4'-DDT	98	93	57 - 150	5	30		
Methoxychlor	91	81	42 - 150	11	30		
Endrin ketone	91	84	62 - 139	8	30		
Endrin aldehyde	86	81	55 - 122	7	30		
alpha-Chlordane	95	91	49 - 143	5	30		
gamma-Chlordane	97	93	45 - 147	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	107		103	53 - 150			
Tetrachloro-m-xylene	99		97	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89299**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32001-C-12-F MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0938
Prep Date: 10/13/2011 0319
Leach Date: N/A

MSD Lab Sample ID: 460-32001-C-12-G MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0951
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	8.9	U	178	178	171	165
beta-BHC	8.9	U	178	178	170	164
delta-BHC	8.9	U	178	178	180	172
gamma-BHC (Lindane)	8.9	U	178	178	176	170
Heptachlor	8.9	U	178	178	177	167
Aldrin	8.9	U	178	178	180	173
Heptachlor epoxide	8.9	U	178	178	173	168
Endosulfan I	8.9	U	178	178	172	165
Dieldrin	8.9	U	178	178	178	172
4,4'-DDE	8.9	U	178	178	176	167
Endrin	8.9	U	178	178	182	175
Endosulfan II	8.9	U	178	178	175	165
4,4'-DDD	8.9	U	178	178	175	166
Endosulfan sulfate	8.9	U	178	178	173	165
4,4'-DDT	8.9	U	178	178	183	172
Methoxychlor	8.9	U	178	178	174	167
Endrin ketone	8.9	U	178	178	178	171
Endrin aldehyde	8.9	U	178	178	169	158
alpha-Chlordane	8.9	U	178	178	172	166
gamma-Chlordane	8.9	U	178	178	174	166

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89299**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-32001-C-12-F MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0938
Prep Date: 10/13/2011 0319
Leach Date: N/A

MSD Lab Sample ID: 460-32001-C-12-G MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0951
Prep Date: 10/13/2011 0319
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	8.9	U	178	178	157	155
beta-BHC	8.9	U	178	178	163	160
delta-BHC	8.9	U	178	178	159	155
gamma-BHC (Lindane)	8.9	U	178	178	157	154
Heptachlor	8.9	U	178	178	158	153
Aldrin	8.9	U	178	178	161	155
Heptachlor epoxide	8.9	U	178	178	172	165
Endosulfan I	8.9	U	178	178	171	163
Dieldrin	8.9	U	178	178	178	169
4,4'-DDE	8.9	U	178	178	164	160
Endrin	8.9	U	178	178	182	173
Endosulfan II	8.9	U	178	178	168	161
4,4'-DDD	8.9	U	178	178	175	165
Endosulfan sulfate	8.9	U	178	178	150	140
4,4'-DDT	8.9	U	178	178	174	166
Methoxychlor	8.9	U	178	178	161	144
Endrin ketone	8.9	U	178	178	162	149
Endrin aldehyde	8.9	U	178	178	153	144
alpha-Chlordane	8.9	U	178	178	169	162
gamma-Chlordane	8.9	U	178	178	172	165

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89000

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-89000/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2031
Prep Date: 10/11/2011 0334
Leach Date: N/A

Analysis Batch: 460-89331
Prep Batch: 460-89000
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC9
Lab File ID: vr465438.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	122	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	121	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89000

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-89000/2-A	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vf465439.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 2047	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	394	118	60 - 144	
PCB-1260	333	388	116	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	118		30 - 150		

Lab Control Sample - Batch: 460-89000

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-89000/2-A	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vr465439.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 2047	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	390	117	60 - 144	
PCB-1260	333	367	110	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	118		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89000

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-32128-13	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vf465441.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	10/11/2011 2118			Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32128-13	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vf465442.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 2134			Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	104	86	60 - 144	19	30		
PCB-1260	102	94	63 - 143	8	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	109		103	30 - 150			

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89000

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-32128-13	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vr465441.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	10/11/2011 2118			Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-32128-13	Analysis Batch:	460-89331	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89000	Lab File ID:	vr465442.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/11/2011 2134			Final Weight/Volume:	10 mL
Prep Date:	10/11/2011 0334			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	101	81	60 - 144	22	30		
PCB-1260	97	88	63 - 143	10	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	109		102	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89000**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2118
Prep Date: 10/11/2011 0334
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2134
Prep Date: 10/11/2011 0334
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	67	U	332	333	347	287
PCB-1260	67	U	332	333	340	313

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-89000**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-32128-13 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2118
Prep Date: 10/11/2011 0334
Leach Date: N/A

MSD Lab Sample ID: 460-32128-13
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2134
Prep Date: 10/11/2011 0334
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	67	U	332	333	337	270
PCB-1260	67	U	332	333	324	294

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89296

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-89296/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/13/2011 0920
Prep Date: 10/13/2011 0300
Leach Date: N/A

Analysis Batch: 460-89405
Prep Batch: 460-89296
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC9
Lab File ID: vr465528.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	118	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	111	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Lab Control Sample - Batch: 460-89296

Method: 8082

Preparation: 3541

Lab Sample ID:	LCS 460-89296/2-A	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vf465529.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 0936	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	385	115	60 - 144	
PCB-1260	333	368	110	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	118		30 - 150		

Lab Control Sample - Batch: 460-89296

Method: 8082

Preparation: 3541

Lab Sample ID:	LCS 460-89296/2-A	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vr465529.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 0936	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	364	109	60 - 144	
PCB-1260	333	342	103	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	115		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89296

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-32001-C-12-C MS	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vf465541.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/13/2011 1243			Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-32001-C-12-D MSD	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vf465542.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1259			Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	75	73	60 - 144	3	30		
PCB-1260	72	72	63 - 143	0	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	72		74	30 - 150			

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-89296

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-32001-C-12-C MS	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vr465541.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/13/2011 1243			Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-32001-C-12-D MSD	Analysis Batch:	460-89405	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-89296	Lab File ID:	vr465542.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/13/2011 1259			Final Weight/Volume:	10 mL
Prep Date:	10/13/2011 0300			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	72	70	60 - 144	4	30		
PCB-1260	72	70	63 - 143	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	65		66	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-89296

Method: 8082

Preparation: 3541

MS Lab Sample ID: 460-32001-C-12-C MS Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 10/13/2011 1243
 Prep Date: 10/13/2011 0300
 Leach Date: N/A

MSD Lab Sample ID: 460-32001-C-12-D MSD
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 10/13/2011 1259
 Prep Date: 10/13/2011 0300
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	89	U	444	445	333	323
PCB-1260	89	U	444	445	319	320

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-89296

Method: 8082

Preparation: 3541

MS Lab Sample ID: 460-32001-C-12-C MS Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 10/13/2011 1243
 Prep Date: 10/13/2011 0300
 Leach Date: N/A

MSD Lab Sample ID: 460-32001-C-12-D MSD
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 10/13/2011 1259
 Prep Date: 10/13/2011 0300
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	89	U	444	445	320	309
PCB-1260	89	U	444	445	318	309

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89155

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-89155/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 10/12/2011 2313
Prep Date: 10/12/2011 0735
Leach Date: N/A

Analysis Batch: 460-89297
Prep Batch: 460-89155
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP2
Lab File ID: 89211V1
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	7.3	20.0
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

Method Blank - Batch: 460-89155

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-89155/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 10/13/2011 1655
Prep Date: 10/12/2011 0735
Leach Date: N/A

Analysis Batch: 460-89418
Prep Batch: 460-89155
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP2
Lab File ID: 89157V1
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	1.0	U	0.44	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

LCS-Certified Reference Material - Batch: 460-89155

Method: 6010B

Preparation: 3050B

Lab Sample ID:	LCSSRM 460-89155/2-A	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	10/12/2011 2319	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10500	6860	65	46.1 - 154	
Antimony	67.4	179.4	266	32.0 - 353	
Arsenic	104	105.0	101	69.7 - 131	
Barium	198	187.1	95	73.2 - 126	
Beryllium	77.6	76.76	99	74.0 - 126	
Cadmium	60.7	58.78	97	73.3 - 127	
Calcium	9870	9614	97	75.4 - 125	
Chromium	236	230.4	98	70.8 - 129	
Cobalt	91.2	91.80	101	74.4 - 126	
Copper	174	168.0	97	75.3 - 124	
Iron	18000	16360	91	42.1 - 158	
Lead	86.0	82.80	96	69.8 - 130	
Magnesium	4000	3320	83	69.5 - 131	
Manganese	558	535.4	96	77.4 - 123	
Nickel	134	132.1	99	73.2 - 127	
Potassium	4300	3646	85	65.3 - 135	
Selenium	286	275.9	96	69.6 - 130	
Silver	30.1	29.83	99	65.1 - 135	
Sodium	1020	791.1	78	60.2 - 139	J
Thallium	121	121.3	100	67.8 - 133	
Vanadium	115	111.4	97	67.6 - 132	
Zinc	594	560.0	94	73.6 - 127	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike - Batch: 460-89155

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-32001-D-7-O MS ^4	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	10/12/2011 2344	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8990	238	12100	1307	75 - 125	4
Antimony	1.2 J	59.4	33.90	55	75 - 125	F
Arsenic	2.7	238	219.3	91	75 - 125	
Barium	711	238	1043	140	75 - 125	F
Beryllium	0.40 J	5.94	6.11	96	75 - 125	
Cadmium	2.3	5.94	8.04	97	75 - 125	
Calcium	1710	2380	3708	84	75 - 125	
Chromium	34.1	23.8	55.14	89	75 - 125	
Cobalt	6.1 J	59.4	62.04	94	75 - 125	
Copper	11.3	29.7	38.94	93	75 - 125	
Iron	10000	119	10980	794	75 - 125	4
Lead	113	59.4	109.1	-7	75 - 125	F
Magnesium	2470	2380	4545	87	75 - 125	
Manganese	78.2	59.4	142.8	109	75 - 125	
Nickel	11.0	59.4	66.78	94	75 - 125	
Potassium	686 J	2380	2910	94	75 - 125	
Selenium	2.4 U	238	210.4	89	75 - 125	
Silver	2.4 U	5.94	5.50	93	75 - 125	
Sodium	1200 U	2380	2137	90	75 - 125	
Thallium	2.4 U	238	215.3	91	75 - 125	
Vanadium	41.5	59.4	92.18	85	75 - 125	
Zinc	148	59.4	176.2	47	75 - 125	F

Post Digestion Spike - Batch: 460-89155

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-32001-A-7-F PDS	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	10/12/2011 2350	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	8990	480	9512	NC	75 - 125	
Antimony	1.2 J	120	113.5	94	75 - 125	
Arsenic	2.7	480	452.7	94	75 - 125	
Barium	711	480	1170	96	75 - 125	
Beryllium	0.40 J	12.0	11.90	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Post Digestion Spike - Batch: 460-89155

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32001-A-7-F PDS
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 10/12/2011 2350
 Prep Date: 10/12/2011 0735
 Leach Date: N/A

Analysis Batch: 460-89297
 Prep Batch: 460-89155
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP2
 Lab File ID: 89211V1
 Initial Weight/Volume: 1.04 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	2.3	12.0	13.62	94	75 - 125	
Calcium	1710	4800	6287	95	75 - 125	
Chromium	34.1	48.0	79.85	95	75 - 125	
Cobalt	6.1 J	120	118.7	94	75 - 125	
Copper	11.3	60.0	67.46	94	75 - 125	
Iron	10000	240	10220	NC	75 - 125	
Lead	113	120	224.2	93	75 - 125	
Magnesium	2470	4800	6804	90	75 - 125	
Manganese	78.2	120	193.9	96	75 - 125	
Nickel	11.0	120	123.9	94	75 - 125	
Potassium	686 J	4800	5035	91	75 - 125	
Selenium	2.4 U	480	437.6	91	75 - 125	
Silver	2.4 U	12.0	12.98	108	75 - 125	
Sodium	1200 U	4800	4313	90	75 - 125	
Thallium	2.4 U	480	446.9	93	75 - 125	
Vanadium	41.5	120	152.5	93	75 - 125	
Zinc	148	120	256.1	90	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Duplicate - Batch: 460-89155

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-32001-A-7-G DU ^4	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.08 g
Analysis Date:	10/12/2011 2325	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	8990		8259	8	20	
Antimony	1.2	J	1.09	7	20	J
Arsenic	2.7		3.13	14	20	
Barium	711		749.8	5	20	
Beryllium	0.40	J	0.459	13	20	J
Cadmium	2.3		2.28	0.3	20	
Calcium	1710		1199	35	20	
Chromium	34.1		27.08	23	20	F
Cobalt	6.1	J	6.68	10	20	J
Copper	11.3		10.68	5	20	
Iron	10000		9985	0.5	20	
Lead	113		54.60	70	20	F
Magnesium	2470		2114	15	20	
Manganese	78.2		81.54	4	20	
Nickel	11.0		10.43	6	20	
Potassium	686	J	579.2	17	20	J
Selenium	2.4	U	2.3	NC	20	U
Silver	2.4	U	2.3	NC	20	U
Sodium	1200	U	1160	NC	20	U
Thallium	2.4	U	2.3	NC	20	U
Vanadium	41.5		34.94	17	20	
Zinc	148		131.0	12	20	

Serial Dilution - Batch: 460-89155

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-32001-A-7-F SD ^5	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	10/12/2011 2337	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	8990		9463	5.3	10	
Antimony	1.2	J	12.0	NC	10	U
Arsenic	2.7		6.0	NC	10	U
Barium	711		743.0	4.5	10	
Beryllium	0.40	J	2.4	NC	10	U
Cadmium	2.3		2.68	NC	10	J
Calcium	1710		1757	3.0	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Serial Dilution - Batch: 460-89155

Method: 6010B

Preparation: 3050B

Lab Sample ID:	460-32001-A-7-F SD ^5	Analysis Batch:	460-89297	Instrument ID:	ICP2
Client Matrix:	Solid	Prep Batch:	460-89155	Lab File ID:	89211V1
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.04 g
Analysis Date:	10/12/2011 2337	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/12/2011 0735				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	34.1		34.42	NC	10	
Cobalt	6.1	J	60.0	NC	10	U
Copper	11.3		9.61	NC	10	J
Iron	10000		10450	4.1	10	
Lead	113		117.4	3.6	10	
Magnesium	2470		2582	4.6	10	J
Manganese	78.2		80.45	2.9	10	
Nickel	11.0		12.66	NC	10	J
Potassium	686	J	574.2	NC	10	J
Selenium	2.4	U	12.0	NC	10	U
Silver	2.4	U	12.0	NC	10	U
Sodium	1200	U	6000	NC	10	U
Thallium	2.4	U	12.0	NC	10	U
Vanadium	41.5		42.31	2.1	10	J
Zinc	148		155.8	5.2	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-89479/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 10/15/2011 0443
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.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: 460-32128-1

LCS-Certified Reference Material - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 460-89479/2-A
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 10/15/2011 0447
 Prep Date: 10/14/2011 0724
 Leach Date: N/A

Analysis Batch: 460-89642
 Prep Batch: 460-89479
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 10152011.asc
 Initial Weight/Volume: 1.00 g
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10500	8802	84	46.1 - 154	
Antimony	67.4	157.5	234	32.0 - 353	
Arsenic	104	93.02	89	69.7 - 131	
Barium	198	184.9	93	73.2 - 126	
Beryllium	77.6	73.12	94	74.0 - 126	
Cadmium	60.7	56.06	92	73.3 - 127	
Calcium	9870	9772	99	75.4 - 125	
Chromium	236	221.8	94	70.8 - 129	
Cobalt	91.2	87.34	96	74.4 - 126	
Copper	174	163.2	94	75.3 - 124	
Iron	18000	18840	105	42.1 - 158	
Lead	86.0	83.96	98	69.8 - 130	
Magnesium	4000	3664	92	69.5 - 131	
Manganese	558	546.6	98	77.4 - 123	
Nickel	134	128.5	96	73.2 - 127	
Potassium	4300	3970	92	65.3 - 135	
Selenium	286	249.6	87	69.6 - 130	
Silver	30.1	27.82	92	65.1 - 135	
Sodium	1020	910.0	89	60.2 - 139	J
Thallium	121	123.6	102	67.8 - 133	
Vanadium	115	110.0	96	67.6 - 132	
Zinc	594	558.0	94	73.6 - 127	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Matrix Spike - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32275-A-6-Y MS ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 10/15/2011 0429
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.06 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	27000	555	29490	446	75 - 125	4
Antimony	6.8	139	138.7	95	75 - 125	
Arsenic	9.8	555	535.3	95	75 - 125	
Barium	228	555	759.8	96	75 - 125	
Beryllium	0.52 J	13.9	13.86	96	75 - 125	
Cadmium	14.9	13.9	27.38	90	75 - 125	
Chromium	389	55.5	438.7	90	75 - 125	4
Cobalt	23.9 J	139	154.4	94	75 - 125	
Copper	877	69.3	890.1	19	75 - 125	4
Iron	42500	277	44430	680	75 - 125	4
Lead	59.4	139	184.3	90	75 - 125	
Magnesium	13500	5550	16350	52	75 - 125	F
Manganese	621	139	773.6	110	75 - 125	4
Nickel	2290	139	2497	148	75 - 125	4
Potassium	1320 J	5550	6899	101	75 - 125	
Selenium	6.1	555	519.9	93	75 - 125	
Silver	22.7	13.9	34.93	88	75 - 125	
Sodium	2850	5550	8684	105	75 - 125	
Thallium	5.4 U	555	523.0	94	75 - 125	
Vanadium	58.5	139	189.9	95	75 - 125	

Post Digestion Spike - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32275-A-6-W PDS
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 10/15/2011 0433
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.09 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	27000	1080	28040	NC	75 - 125	
Antimony	6.8	270	266.1	96	75 - 125	
Arsenic	9.8	1080	1037	95	75 - 125	
Barium	228	1080	1250	95	75 - 125	
Beryllium	0.52 J	27.0	26.39	96	75 - 125	
Cadmium	14.9	27.0	40.43	95	75 - 125	
Chromium	389	108	491.5	95	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Post Digestion Spike - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32275-A-6-W PDS
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 10/15/2011 0433
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.09 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cobalt	23.9	J	270	275.5	93	75 - 125	
Copper	877		135	997.7	90	75 - 125	
Iron	42500		539	42820	NC	75 - 125	
Lead	59.4		270	311.7	94	75 - 125	
Magnesium	13500		10800	23560	93	75 - 125	
Manganese	621		270	890.4	100	75 - 125	
Nickel	2290		270	2540	92	75 - 125	
Potassium	1320	J	10800	11880	98	75 - 125	
Selenium	6.1		1080	1004	93	75 - 125	
Silver	22.7		27.0	46.48	88	75 - 125	
Sodium	2850		10800	13290	97	75 - 125	
Thallium	5.4	U	1080	1021	95	75 - 125	
Vanadium	58.5		270	321.1	97	75 - 125	

Matrix Spike - Batch: 460-89479

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-32275-A-6-Y MS ^2
Client Matrix: Solid
Dilution: 20
Analysis Date: 10/16/2011 1551
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89684
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: duo101611.asc
Initial Weight/Volume: 1.06 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	320000		5550	331400	208	75 - 125	4
Zinc	6560		139	6721	118	75 - 125	4

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Post Digestion Spike - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-32275-A-6-W PDS	Analysis Batch:	460-89684	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-89479	Lab File ID:	duo101611.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	10/16/2011 1554	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	10/14/2011 0724				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	320000	53900	372700	98	75 - 125	
Zinc	6560	1350	7895	99	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Duplicate - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-32275-A-6-X DU ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 10/15/2011 0418
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Aluminum	27000	27620	2	20	
Antimony	6.8	5.53	20	20	
Arsenic	9.8	10.82	10	20	
Barium	228	253.2	11	20	
Beryllium	0.52 J	0.500	4	20	J
Cadmium	14.9	18.99	24	20	F
Chromium	389	320.2	19	20	
Cobalt	23.9 J	21.81	9	20	J
Copper	877	1027	16	20	
Iron	42500	40900	4	20	
Lead	59.4	57.34	3	20	
Magnesium	13500	12420	8	20	
Manganese	621	610.3	2	20	
Nickel	2290	2006	13	20	
Potassium	1320 J	1474	11	20	J
Selenium	6.1	6.46	6	20	
Silver	22.7	21.19	7	20	
Sodium	2850	3146	10	20	
Thallium	5.4 U	5.3	NC	20	U
Vanadium	58.5	52.49	11	20	

Serial Dilution - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-32275-A-6-W SD ^2
Client Matrix: Solid
Dilution: 20
Analysis Date: 10/15/2011 0426
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.09 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Aluminum	27000	27590	2.1	10	
Antimony	6.8	27.0	NC	10	U
Arsenic	9.8	13.5	NC	10	U
Barium	228	234.5	3.1	10	J
Beryllium	0.52 J	5.4	NC	10	U
Cadmium	14.9	15.44	NC	10	
Chromium	389	394.8	1.6	10	
Cobalt	23.9 J	25.34	NC	10	J
Copper	877	885.5	0.98	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Serial Dilution - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-32275-A-6-W SD ^2
Client Matrix: Solid
Dilution: 20
Analysis Date: 10/15/2011 0426
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89642
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 10152011.asc
Initial Weight/Volume: 1.09 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Iron	42500	43600	2.5	10	
Lead	59.4	60.64	NC	10	
Magnesium	13500	14090	4.5	10	
Manganese	621	632.9	1.9	10	
Nickel	2290	2430	6.1	10	
Potassium	1320 J	1359	NC	10	J
Selenium	6.1	27.0	NC	10	U
Silver	22.7	22.66	0.20	10	J
Sodium	2850	2912	NC	10	J
Thallium	5.4 U	27.0	NC	10	U
Vanadium	58.5	58.73	NC	10	J

Duplicate - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-32275-A-6-X DU ^2
Client Matrix: Solid
Dilution: 20
Analysis Date: 10/16/2011 1540
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89684
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: duo101611.asc
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Calcium	320000	318000	0.6	20	
Zinc	6560	6899	5	20	

Serial Dilution - Batch: 460-89479

Method: 6010B
Preparation: 3050B

Lab Sample ID: 460-32275-A-6-W SD ^1
Client Matrix: Solid
Dilution: 100
Analysis Date: 10/16/2011 1547
Prep Date: 10/14/2011 0724
Leach Date: N/A

Analysis Batch: 460-89684
Prep Batch: 460-89479
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: duo101611.asc
Initial Weight/Volume: 1.09 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Calcium	320000	317900	0.59	10	
Zinc	6560	6497	0.93	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89128

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 460-89128/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2025
Prep Date: 10/11/2011 1745
Leach Date: N/A

Analysis Batch: 460-89139
Prep Batch: 460-89128
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101111.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: 460-89128

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 10/11/2011 2028
Prep Date: 10/11/2011 1745
Leach Date: N/A

Analysis Batch: 460-89139
Prep Batch: 460-89128
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101111.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.55	101	51.3 - 149	

Matrix Spike - Batch: 460-89128

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32001-D-7-N MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/11/2011 2033
Prep Date: 10/11/2011 1745
Leach Date: N/A

Analysis Batch: 460-89139
Prep Batch: 460-89128
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101111.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.041 U	0.208	0.216	104	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Duplicate - Batch: 460-89128

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-32001-A-7-E DU	Analysis Batch:	460-89139	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-89128	Lab File ID:	101111.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/11/2011 2032	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/11/2011 1745				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.041	U	0.041	NC	20	U

Serial Dilution - Batch: 460-89128

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-32001-D-7-M SD ^5	Analysis Batch:	460-89139	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-89128	Lab File ID:	101111.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	10/11/2011 2124	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	10/11/2011 1745				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.041	U	0.21	NC		U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Method Blank - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 460-89271/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2028
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.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: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 10/12/2011 2029
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.73	103	51.3 - 149	

Matrix Spike - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32275-A-6-J MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2035
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.14	0.490	0.612	97	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Duplicate - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32275-A-6-I DU
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 2033
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.14	0.141	2	20	

Serial Dilution - Batch: 460-89271

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-32275-A-6-H SD ^5
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 10/12/2011 2126
Prep Date: 10/12/2011 1800
Leach Date: N/A

Analysis Batch: 460-89287
Prep Batch: 460-89271
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 101211.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.14	0.48	NC		U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Duplicate - Batch: 460-88990

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-32128-2	Analysis Batch:	460-88990	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:	10/10/2011 2119	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	14.3	16.6	15	20	
Percent Solids	85.7	83.4	3	20	

Duplicate - Batch: 460-88990

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-32128-D-12 DU	Analysis Batch:	460-88990	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:	10/10/2011 2119	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture		16.2			
Percent Solids		83.8			

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

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.
	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.
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-89121					
460-32125-B-1-A MS	Matrix Spike	T	Solid	5035	
460-32125-B-1-A MSD	Matrix Spike Duplicate	T	Solid	5035	
460-32128-6	SO-17338-100411-MM-131	T	Solid	5035	
460-32128-7	SO-17338-100411-MM-132	T	Solid	5035	
460-32128-13	FB-17338-100411-MM-138	T	Solid	5035	
460-32128-14	TB-17338-100411-MM-139	T	Solid	5035	
Analysis Batch: 460-89343					
LCS 460-89343/3	Lab Control Sample	T	Solid	8260B	
MB 460-89343/4	Method Blank	T	Solid	8260B	
460-32125-B-1-A MS	Matrix Spike	T	Solid	8260B	460-89121
460-32125-B-1-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-89121
460-32128-6	SO-17338-100411-MM-131	T	Solid	8260B	460-89121
460-32128-7	SO-17338-100411-MM-132	T	Solid	8260B	460-89121
460-32128-13	FB-17338-100411-MM-138	T	Solid	8260B	460-89121
460-32128-14	TB-17338-100411-MM-139	T	Solid	8260B	460-89121

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-89103					
LCS 460-89103/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89103/1-A	Method Blank	T	Solid	3541	
460-32128-13	FB-17338-100411-MM-138	T	Solid	3541	
460-32128-13MS	Matrix Spike	T	Solid	3541	
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-89256					
LCS 460-89256/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89256/1-A	Method Blank	T	Solid	3541	
460-32128-6	SO-17338-100411-MM-131	T	Solid	3541	
460-32128-7	SO-17338-100411-MM-132	T	Solid	3541	
460-32224-B-56-A MS	Matrix Spike	T	Solid	3541	
460-32224-B-56-B MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-89651					
LCS 460-89256/2-A	Lab Control Sample	T	Solid	8270C	460-89256
MB 460-89256/1-A	Method Blank	T	Solid	8270C	460-89256
460-32128-6	SO-17338-100411-MM-131	T	Solid	8270C	460-89256
460-32128-7	SO-17338-100411-MM-132	T	Solid	8270C	460-89256
460-32224-B-56-A MS	Matrix Spike	T	Solid	8270C	460-89256
460-32224-B-56-B MSD	Matrix Spike Duplicate	T	Solid	8270C	460-89256
Analysis Batch:460-89864					
LCS 460-89103/2-A	Lab Control Sample	T	Solid	8270C	460-89103
MB 460-89103/1-A	Method Blank	T	Solid	8270C	460-89103
460-32128-13	FB-17338-100411-MM-138	T	Solid	8270C	460-89103
460-32128-13MS	Matrix Spike	T	Solid	8270C	460-89103
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	8270C	460-89103

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-89000					
LCS 460-89000/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89000/1-A	Method Blank	T	Solid	3541	
460-32128-13	FB-17338-100411-MM-138	T	Solid	3541	
460-32128-13MS	Matrix Spike	T	Solid	3541	
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-89001					
LCS 460-89001/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89001/1-A	Method Blank	T	Solid	3541	
460-32128-13	FB-17338-100411-MM-138	T	Solid	3541	
460-32128-13MS	Matrix Spike	T	Solid	3541	
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-89296					
LCS 460-89296/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89296/1-A	Method Blank	T	Solid	3541	
460-32001-C-12-C MS	Matrix Spike	T	Solid	3541	
460-32001-C-12-D MSD	Matrix Spike Duplicate	T	Solid	3541	
460-32128-6	SO-17338-100411-MM-131	T	Solid	3541	
460-32128-7	SO-17338-100411-MM-132	T	Solid	3541	
Prep Batch: 460-89299					
LCS 460-89299/2-A	Lab Control Sample	T	Solid	3541	
MB 460-89299/1-A	Method Blank	T	Solid	3541	
460-32001-C-12-F MS	Matrix Spike	T	Solid	3541	
460-32001-C-12-G MSD	Matrix Spike Duplicate	T	Solid	3541	
460-32128-6	SO-17338-100411-MM-131	T	Solid	3541	
460-32128-7	SO-17338-100411-MM-132	T	Solid	3541	
Analysis Batch:460-89301					
LCS 460-89001/2-A	Lab Control Sample	T	Solid	8081A	460-89001
MB 460-89001/1-A	Method Blank	T	Solid	8081A	460-89001
460-32128-13	FB-17338-100411-MM-138	T	Solid	8081A	460-89001
460-32128-13MS	Matrix Spike	T	Solid	8081A	460-89001
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	8081A	460-89001
Analysis Batch:460-89324					
LCS 460-89299/2-A	Lab Control Sample	T	Solid	8081A	460-89299
MB 460-89299/1-A	Method Blank	T	Solid	8081A	460-89299
460-32001-C-12-F MS	Matrix Spike	T	Solid	8081A	460-89299
460-32001-C-12-G MSD	Matrix Spike Duplicate	T	Solid	8081A	460-89299
460-32128-6	SO-17338-100411-MM-131	T	Solid	8081A	460-89299
460-32128-7	SO-17338-100411-MM-132	T	Solid	8081A	460-89299

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Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-89331					
LCS 460-89000/2-A	Lab Control Sample	T	Solid	8082	460-89000
MB 460-89000/1-A	Method Blank	T	Solid	8082	460-89000
460-32128-13	FB-17338-100411-MM-138	T	Solid	8082	460-89000
460-32128-13MS	Matrix Spike	T	Solid	8082	460-89000
460-32128-13MSD	Matrix Spike Duplicate	T	Solid	8082	460-89000
Analysis Batch:460-89405					
LCS 460-89296/2-A	Lab Control Sample	T	Solid	8082	460-89296
MB 460-89296/1-A	Method Blank	T	Solid	8082	460-89296
460-32001-C-12-C MS	Matrix Spike	T	Solid	8082	460-89296
460-32001-C-12-D MSD	Matrix Spike Duplicate	T	Solid	8082	460-89296
Analysis Batch:460-89520					
460-32128-6	SO-17338-100411-MM-131	T	Solid	8082	460-89296
460-32128-7	SO-17338-100411-MM-132	T	Solid	8082	460-89296

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-89128					
LCSSRM 460-89128/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-89128/10-A	Method Blank	T	Solid	7471A	
460-32001-A-7-E DU	Duplicate	T	Solid	7471A	
460-32001-D-7-N MS	Matrix Spike	T	Solid	7471A	
460-32128-13	FB-17338-100411-MM-138	T	Solid	7471A	
Analysis Batch:460-89139					
LCSSRM 460-89128/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-89128
MB 460-89128/10-A	Method Blank	T	Solid	7471A	460-89128
460-32001-A-7-E DU	Duplicate	T	Solid	7471A	460-89128
460-32001-D-7-N MS	Matrix Spike	T	Solid	7471A	460-89128
460-32128-13	FB-17338-100411-MM-138	T	Solid	7471A	460-89128
Prep Batch: 460-89155					
LCSSRM 460-89155/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-89155/1-A ^2	Method Blank	T	Solid	3050B	
460-32001-A-7-G DU ^4	Duplicate	T	Solid	3050B	
460-32001-D-7-O MS ^4	Matrix Spike	T	Solid	3050B	
460-32128-13	FB-17338-100411-MM-138	T	Solid	3050B	
Prep Batch: 460-89271					
LCSSRM 460-89271/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-89271/10-A	Method Blank	T	Solid	7471A	
460-32128-6	SO-17338-100411-MM-131	T	Solid	7471A	
460-32128-7	SO-17338-100411-MM-132	T	Solid	7471A	
460-32275-A-6-I DU	Duplicate	T	Solid	7471A	
460-32275-A-6-J MS	Matrix Spike	T	Solid	7471A	
Analysis Batch:460-89287					
LCSSRM 460-89271/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-89271
MB 460-89271/10-A	Method Blank	T	Solid	7471A	460-89271
460-32128-6	SO-17338-100411-MM-131	T	Solid	7471A	460-89271
460-32128-7	SO-17338-100411-MM-132	T	Solid	7471A	460-89271
460-32275-A-6-I DU	Duplicate	T	Solid	7471A	460-89271
460-32275-A-6-J MS	Matrix Spike	T	Solid	7471A	460-89271
Analysis Batch:460-89297					
LCSSRM 460-89155/2-A	LCS-Certified Reference Material	T	Solid	6010B	460-89155
MB 460-89155/1-A ^2	Method Blank	T	Solid	6010B	460-89155
460-32001-A-7-G DU ^4	Duplicate	T	Solid	6010B	460-89155
460-32001-D-7-O MS ^4	Matrix Spike	T	Solid	6010B	460-89155
460-32128-13	FB-17338-100411-MM-138	T	Solid	6010B	460-89155
Analysis Batch:460-89418					
MB 460-89155/1-A ^2	Method Blank	T	Solid	6010B	460-89155

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Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-89479					
LCSSRM 460-89479/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-89479/1-A ^2	Method Blank	T	Solid	3050B	
460-32128-6	SO-17338-100411-MM-131	T	Solid	3050B	
460-32128-7	SO-17338-100411-MM-132	T	Solid	3050B	
460-32275-A-6-X DU ^2	Duplicate	T	Solid	3050B	
460-32275-A-6-X DU ^4	Duplicate	T	Solid	3050B	
460-32275-A-6-Y MS ^2	Matrix Spike	T	Solid	3050B	
460-32275-A-6-Y MS ^4	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-89642					
LCSSRM 460-89479/2-A	LCS-Certified Reference Material	T	Solid	6010B	460-89479
MB 460-89479/1-A ^2	Method Blank	T	Solid	6010B	460-89479
460-32128-6	SO-17338-100411-MM-131	T	Solid	6010B	460-89479
460-32128-7	SO-17338-100411-MM-132	T	Solid	6010B	460-89479
460-32275-A-6-X DU ^4	Duplicate	T	Solid	6010B	460-89479
460-32275-A-6-Y MS ^4	Matrix Spike	T	Solid	6010B	460-89479
Analysis Batch:460-89684					
460-32275-A-6-X DU ^2	Duplicate	T	Solid	6010B	460-89479
460-32275-A-6-Y MS ^2	Matrix Spike	T	Solid	6010B	460-89479

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-88990					
460-32128-1	SO-17338-100411-MM-126	T	Solid	Moisture	
460-32128-2	SO-17338-100411-MM-127	T	Solid	Moisture	
460-32128-2DU	Duplicate	T	Solid	Moisture	
460-32128-3	SO-17338-100411-MM-128	T	Solid	Moisture	
460-32128-4	SO-17338-100411-MM-129	T	Solid	Moisture	
460-32128-5	SO-17338-100411-MM-130	T	Solid	Moisture	
460-32128-6	SO-17338-100411-MM-131	T	Solid	Moisture	
460-32128-7	SO-17338-100411-MM-132	T	Solid	Moisture	
460-32128-8	SO-17338-100411-MM-133	T	Solid	Moisture	
460-32128-9	SO-17338-100411-MM-134	T	Solid	Moisture	
460-32128-10	SO-17338-100411-MM-135	T	Solid	Moisture	
460-32128-11	SO-17338-100411-MM-136	T	Solid	Moisture	
460-32128-D-12 DUDU	Duplicate	T	Solid	Moisture	
460-32128-12	SO-17338-100411-MM-137	T	Solid	Moisture	
460-32128-13	FB-17338-100411-MM-138	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: 460-32128-1

Client ID: SO-17338-100411-MM-126

Sample Date/Time: 10/04/2011 09:36

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-1		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-2

Client ID: SO-17338-100411-MM-127

Sample Date/Time: 10/04/2011 09:40

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-2		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-2 DU

Client ID: SO-17338-100411-MM-127

Sample Date/Time: 10/04/2011 09:40

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-2 DU		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-3

Client ID: SO-17338-100411-MM-128

Sample Date/Time: 10/04/2011 09:50

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-3		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-4

Client ID: SO-17338-100411-MM-129

Sample Date/Time: 10/04/2011 09:55

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-4		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-5

Client ID: SO-17338-100411-MM-130

Sample Date/Time: 10/04/2011 10:10

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-5		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: 460-32128-6

Client ID: SO-17338-100411-MM-131

Sample Date/Time: 10/04/2011 10:15

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32128-B-6-A		460-89343	460-89121	10/11/2011 17:55	50	TAL EDI	FJ
A:8260B	460-32128-B-6-A		460-89343	460-89121	10/13/2011 08:37	50	TAL EDI	AT
P:3541	460-32128-D-6-A		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	460-32128-D-6-A		460-89651	460-89256	10/14/2011 05:49	1	TAL EDI	MC
P:3541	460-32128-D-6-D		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	460-32128-D-6-D		460-89324	460-89299	10/13/2011 12:09	1	TAL EDI	FM
P:3541	460-32128-D-6-C		460-89520	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	460-32128-D-6-C		460-89520	460-89296	10/13/2011 14:17	1	TAL EDI	SD
P:3050B	460-32128-D-6-E ^4		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-32128-D-6-E ^4		460-89642	460-89479	10/15/2011 05:08	4	TAL EDI	VD
P:7471A	460-32128-D-6-B		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32128-D-6-B		460-89287	460-89271	10/12/2011 21:06	1	TAL EDI	TS
A:Moisture	460-32128-D-6		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-7

Client ID: SO-17338-100411-MM-132

Sample Date/Time: 10/04/2011 10:20

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32128-B-7-A		460-89343	460-89121	10/11/2011 17:56	50	TAL EDI	FJ
A:8260B	460-32128-B-7-A		460-89343	460-89121	10/13/2011 09:02	50	TAL EDI	AT
P:3541	460-32128-D-7-A		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	460-32128-D-7-A		460-89651	460-89256	10/14/2011 03:43	1	TAL EDI	MC
P:3541	460-32128-D-7-D		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	460-32128-D-7-D		460-89324	460-89299	10/13/2011 12:23	1	TAL EDI	FM
P:3541	460-32128-D-7-C		460-89520	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	460-32128-D-7-C		460-89520	460-89296	10/13/2011 14:32	1	TAL EDI	SD
P:3050B	460-32128-D-7-E ^4		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-32128-D-7-E ^4		460-89642	460-89479	10/15/2011 05:12	4	TAL EDI	VD
P:7471A	460-32128-D-7-B		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32128-D-7-B		460-89287	460-89271	10/12/2011 21:09	1	TAL EDI	TS
A:Moisture	460-32128-D-7		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-8

Client ID: SO-17338-100411-MM-133

Sample Date/Time: 10/04/2011 10:30

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-8		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: 460-32128-9

Client ID: SO-17338-100411-MM-134

Sample Date/Time: 10/04/2011 10:35

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-9		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-10

Client ID: SO-17338-100411-MM-135

Sample Date/Time: 10/04/2011 10:45

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-10		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-11

Client ID: SO-17338-100411-MM-136

Sample Date/Time: 10/04/2011 11:05

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-11		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-12

Client ID: SO-17338-100411-MM-137

Sample Date/Time: 10/04/2011 11:10

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-12		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-D-12 DU DU

Client ID:

Sample Date/Time: 10/04/2011 11:10

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-32128-D-12 DU		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: 460-32128-13

Client ID: FB-17338-100411-MM-138

Sample Date/Time: 10/04/2011 12:30

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32128-B-13-A		460-89343	460-89121	10/11/2011 18:00	50	TAL EDI	FJ
A:8260B	460-32128-B-13-A		460-89343	460-89121	10/13/2011 06:32	50	TAL EDI	AT
P:3541	460-32128-D-13-K		460-89864	460-89103	10/11/2011 15:18	1	TAL EDI	FHW
A:8270C	460-32128-D-13-K		460-89864	460-89103	10/16/2011 16:59	1	TAL EDI	MS
P:3541	460-32128-D-13-F		460-89301	460-89001	10/11/2011 03:47	1	TAL EDI	ARA
A:8081A	460-32128-D-13-F		460-89301	460-89001	10/12/2011 09:33	1	TAL EDI	FM
P:3541	460-32128-D-13-C		460-89331	460-89000	10/11/2011 03:34	1	TAL EDI	ARA
A:8082	460-32128-D-13-C		460-89331	460-89000	10/11/2011 21:03	1	TAL EDI	SD
P:3050B	460-32128-D-13-M ^4		460-89297	460-89155	10/12/2011 07:35	4	TAL EDI	MC
A:6010B	460-32128-D-13-M ^4		460-89297	460-89155	10/13/2011 02:02	4	TAL EDI	VD
P:7471A	460-32128-D-13-L		460-89139	460-89128	10/11/2011 17:45	1	TAL EDI	TS
A:7471A	460-32128-D-13-L		460-89139	460-89128	10/11/2011 21:03	1	TAL EDI	TS
A:Moisture	460-32128-D-13		460-88990		10/10/2011 21:19	1	TAL EDI	AGS

Lab ID: 460-32128-13 MS

Client ID: FB-17338-100411-MM-138

Sample Date/Time: 10/04/2011 12:30

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-32128-D-13-I MS		460-89864	460-89103	10/11/2011 15:18	1	TAL EDI	FHW
A:8270C	460-32128-D-13-I MS		460-89864	460-89103	10/16/2011 17:25	1	TAL EDI	MS
P:3541	460-32128-D-13-G MS		460-89301	460-89001	10/11/2011 03:47	1	TAL EDI	ARA
A:8081A	460-32128-D-13-G MS		460-89301	460-89001	10/12/2011 09:06	1	TAL EDI	FM
P:3541	460-32128-D-13-A MS		460-89331	460-89000	10/11/2011 03:34	1	TAL EDI	ARA
A:8082	460-32128-D-13-A MS		460-89331	460-89000	10/11/2011 21:18	1	TAL EDI	SD

Lab ID: 460-32128-13 MSD

Client ID: FB-17338-100411-MM-138

Sample Date/Time: 10/04/2011 12:30

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-32128-D-13-J MSD		460-89864	460-89103	10/11/2011 15:18	1	TAL EDI	FHW
A:8270C	460-32128-D-13-J MSD		460-89864	460-89103	10/16/2011 17:50	1	TAL EDI	MS
P:3541	460-32128-D-13-H MSD		460-89301	460-89001	10/11/2011 03:47	1	TAL EDI	ARA
A:8081A	460-32128-D-13-H MSD		460-89301	460-89001	10/12/2011 09:19	1	TAL EDI	FM
P:3541	460-32128-D-13-B MSD		460-89331	460-89000	10/11/2011 03:34	1	TAL EDI	ARA
A:8082	460-32128-D-13-B MSD		460-89331	460-89000	10/11/2011 21:34	1	TAL EDI	SD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: 460-32128-14

Client ID: TB-17338-100411-MM-139

Sample Date/Time: 10/04/2011 12:35

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32128-C-14-A		460-89343	460-89121	10/11/2011 18:00	50	TAL EDI	FJ
A:8260B	460-32128-C-14-A		460-89343	460-89121	10/13/2011 06:57	50	TAL EDI	AT

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 460-89343/4		460-89343		10/13/2011 06:04	50	TAL EDI	AT
P:3541	MB 460-89256/1-A		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	MB 460-89256/1-A		460-89651	460-89256	10/14/2011 01:37	1	TAL EDI	MC
P:3541	MB 460-89103/1-A		460-89864	460-89103	10/11/2011 15:18	1	TAL EDI	FHW
A:8270C	MB 460-89103/1-A		460-89864	460-89103	10/16/2011 16:33	1	TAL EDI	MS
P:3541	MB 460-89001/1-A		460-89301	460-89001	10/11/2011 03:47	1	TAL EDI	ARA
A:8081A	MB 460-89001/1-A		460-89301	460-89001	10/12/2011 11:37	1	TAL EDI	FM
P:3541	MB 460-89299/1-A		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	MB 460-89299/1-A		460-89324	460-89299	10/13/2011 12:36	1	TAL EDI	FM
P:3541	MB 460-89000/1-A		460-89331	460-89000	10/11/2011 03:34	1	TAL EDI	ARA
A:8082	MB 460-89000/1-A		460-89331	460-89000	10/11/2011 20:31	1	TAL EDI	SD
P:3541	MB 460-89296/1-A		460-89405	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	MB 460-89296/1-A		460-89405	460-89296	10/13/2011 09:20	1	TAL EDI	SD
P:3050B	MB 460-89155/1-A ^2		460-89297	460-89155	10/12/2011 07:35	2	TAL EDI	MC
A:6010B	MB 460-89155/1-A ^2		460-89297	460-89155	10/12/2011 23:13	2	TAL EDI	VD
P:3050B	MB 460-89155/1-A ^2		460-89418	460-89155	10/12/2011 07:35	2	TAL EDI	MC
A:6010B	MB 460-89155/1-A ^2		460-89418	460-89155	10/13/2011 16:55	2	TAL EDI	VD
P:3050B	MB 460-89479/1-A ^2		460-89642	460-89479	10/14/2011 07:24	2	TAL EDI	MC
A:6010B	MB 460-89479/1-A ^2		460-89642	460-89479	10/15/2011 04:43	2	TAL EDI	VD
P:7471A	MB 460-89128/10-A		460-89139	460-89128	10/11/2011 17:45	1	TAL EDI	TS
A:7471A	MB 460-89128/10-A		460-89139	460-89128	10/11/2011 20:25	1	TAL EDI	TS
P:7471A	MB 460-89271/10-A		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	MB 460-89271/10-A		460-89287	460-89271	10/12/2011 20:28	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

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 460-89343/3		460-89343		10/13/2011 04:49	50	TAL EDI	AT
P:3541	LCS 460-89256/2-A		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	LCS 460-89256/2-A		460-89651	460-89256	10/14/2011 02:02	1	TAL EDI	MC
P:3541	LCS 460-89103/2-A		460-89864	460-89103	10/11/2011 15:18	1	TAL EDI	FHW
A:8270C	LCS 460-89103/2-A		460-89864	460-89103	10/16/2011 16:07	1	TAL EDI	MS
P:3541	LCS 460-89001/2-A		460-89301	460-89001	10/11/2011 03:47	1	TAL EDI	ARA
A:8081A	LCS 460-89001/2-A		460-89301	460-89001	10/12/2011 08:53	1	TAL EDI	FM
P:3541	LCS 460-89299/2-A		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	LCS 460-89299/2-A		460-89324	460-89299	10/13/2011 09:24	1	TAL EDI	FM
P:3541	LCS 460-89000/2-A		460-89331	460-89000	10/11/2011 03:34	1	TAL EDI	ARA
A:8082	LCS 460-89000/2-A		460-89331	460-89000	10/11/2011 20:47	1	TAL EDI	SD
P:3541	LCS 460-89296/2-A		460-89405	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	LCS 460-89296/2-A		460-89405	460-89296	10/13/2011 09:36	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		460-89297	460-89155	10/12/2011 07:35	4	TAL EDI	MC
A:6010B	460-89155/2-A		460-89297	460-89155	10/12/2011 23:19	4	TAL EDI	VD
P:3050B	LCSSRM		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-89479/2-A		460-89642	460-89479	10/15/2011 04:47	4	TAL EDI	VD
P:7471A	LCSSRM		460-89139	460-89128	10/11/2011 17:45	10	TAL EDI	TS
A:7471A	460-89128/11-A ^10		460-89139	460-89128	10/11/2011 20:28	10	TAL EDI	TS
P:7471A	LCSSRM		460-89287	460-89271	10/12/2011 18:00	10	TAL EDI	TS
A:7471A	460-89271/11-A ^10		460-89287	460-89271	10/12/2011 20:29	10	TAL EDI	TS
	460-89271/11-A ^10							

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: MS

Client ID: N/A

Sample Date/Time: 10/05/2011 10:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-1-A MS		460-89343	460-89121	10/11/2011 18:02	50	TAL EDI	FJ
A:8260B	460-32125-B-1-A MS		460-89343	460-89121	10/13/2011 13:37	50	TAL EDI	AT
P:3541	460-32224-B-56-A MS		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	460-32224-B-56-A MS		460-89651	460-89256	10/14/2011 02:53	1	TAL EDI	MC
P:3541	460-32001-C-12-F MS		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	460-32001-C-12-F MS		460-89324	460-89299	10/13/2011 09:38	1	TAL EDI	FM
P:3541	460-32001-C-12-C MS		460-89405	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	460-32001-C-12-C MS		460-89405	460-89296	10/13/2011 12:43	1	TAL EDI	SD
P:3050B	460-32001-D-7-O MS ^4		460-89297	460-89155	10/12/2011 07:35	4	TAL EDI	MC
A:6010B	460-32001-D-7-O MS ^4		460-89297	460-89155	10/12/2011 23:44	4	TAL EDI	VD
P:3050B	460-32275-A-6-Y MS ^4		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-32275-A-6-Y MS ^4		460-89642	460-89479	10/15/2011 04:29	4	TAL EDI	VD
P:3050B	460-32275-A-6-Y MS ^2		460-89684	460-89479	10/14/2011 07:24	20	TAL EDI	MC
A:6010B	460-32275-A-6-Y MS ^2		460-89684	460-89479	10/16/2011 15:51	20	TAL EDI	VD
P:7471A	460-32001-D-7-N MS		460-89139	460-89128	10/11/2011 17:45	1	TAL EDI	TS
A:7471A	460-32001-D-7-N MS		460-89139	460-89128	10/11/2011 20:33	1	TAL EDI	TS
P:7471A	460-32275-A-6-J MS		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32275-A-6-J MS		460-89287	460-89271	10/12/2011 20:35	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 10/05/2011 10:30

Received Date/Time: 10/06/2011 15:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-32125-B-1-A MSD		460-89343	460-89121	10/11/2011 18:02	50	TAL EDI	FJ
A:8260B	460-32125-B-1-A MSD		460-89343	460-89121	10/13/2011 14:02	50	TAL EDI	AT
P:3541	460-32224-B-56-B MSD		460-89651	460-89256	10/12/2011 15:52	1	TAL EDI	FHW
A:8270C	460-32224-B-56-B MSD		460-89651	460-89256	10/14/2011 03:18	1	TAL EDI	MC
P:3541	460-32001-C-12-G MSD		460-89324	460-89299	10/13/2011 03:19	1	TAL EDI	ARA
A:8081A	460-32001-C-12-G MSD		460-89324	460-89299	10/13/2011 09:51	1	TAL EDI	FM
P:3541	460-32001-C-12-D MSD		460-89405	460-89296	10/13/2011 03:00	1	TAL EDI	ARA
A:8082	460-32001-C-12-D MSD		460-89405	460-89296	10/13/2011 12:59	1	TAL EDI	SD

Lab ID: DU

Client ID: N/A

Sample Date/Time: 09/29/2011 10:55

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-32001-A-7-G DU ^4		460-89297	460-89155	10/12/2011 07:35	4	TAL EDI	MC
A:6010B	460-32001-A-7-G DU ^4		460-89297	460-89155	10/12/2011 23:25	4	TAL EDI	VD
P:3050B	460-32275-A-6-X DU ^4		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-32275-A-6-X DU ^4		460-89642	460-89479	10/15/2011 04:18	4	TAL EDI	VD
P:3050B	460-32275-A-6-X DU ^2		460-89684	460-89479	10/14/2011 07:24	20	TAL EDI	MC
A:6010B	460-32275-A-6-X DU ^2		460-89684	460-89479	10/16/2011 15:40	20	TAL EDI	VD
P:7471A	460-32001-A-7-E DU		460-89139	460-89128	10/11/2011 17:45	1	TAL EDI	TS
A:7471A	460-32001-A-7-E DU		460-89139	460-89128	10/11/2011 20:32	1	TAL EDI	TS
P:7471A	460-32275-A-6-I DU		460-89287	460-89271	10/12/2011 18:00	1	TAL EDI	TS
A:7471A	460-32275-A-6-I DU		460-89287	460-89271	10/12/2011 20:33	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Laboratory Chronicle

Lab ID: SD

Client ID: N/A

Sample Date/Time: 09/29/2011 10:55

Received Date/Time: 10/05/2011 18:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-32001-A-7-F SD ^5		460-89297	460-89155	10/12/2011 07:35	20	TAL EDI	MC
A:6010B	460-32001-A-7-F SD ^5		460-89297	460-89155	10/12/2011 23:37	20	TAL EDI	VD
P:3050B	460-32001-A-7-F PDS		460-89297	460-89155	10/12/2011 07:35	4	TAL EDI	MC
A:6010B	460-32001-A-7-F PDS		460-89297	460-89155	10/12/2011 23:50	4	TAL EDI	VD
P:3050B	460-32275-A-6-W SD ^2		460-89642	460-89479	10/14/2011 07:24	20	TAL EDI	MC
A:6010B	460-32275-A-6-W SD ^2		460-89642	460-89479	10/15/2011 04:26	20	TAL EDI	VD
P:3050B	460-32275-A-6-W PDS		460-89642	460-89479	10/14/2011 07:24	4	TAL EDI	MC
A:6010B	460-32275-A-6-W PDS		460-89642	460-89479	10/15/2011 04:33	4	TAL EDI	VD
P:3050B	460-32275-A-6-W SD ^1		460-89684	460-89479	10/14/2011 07:24	100	TAL EDI	MC
A:6010B	460-32275-A-6-W SD ^1		460-89684	460-89479	10/16/2011 15:47	100	TAL EDI	VD
P:3050B	460-32275-A-6-W PDS		460-89684	460-89479	10/14/2011 07:24	20	TAL EDI	MC
A:6010B	460-32275-A-6-W PDS		460-89684	460-89479	10/16/2011 15:54	20	TAL EDI	VD
P:7471A	460-32001-D-7-M SD ^5		460-89139	460-89128	10/11/2011 17:45	5	TAL EDI	TS
A:7471A	460-32001-D-7-M SD ^5		460-89139	460-89128	10/11/2011 21:24	5	TAL EDI	TS
P:7471A	460-32275-A-6-H SD ^5		460-89287	460-89271	10/12/2011 18:00	5	TAL EDI	TS
A:7471A	460-32275-A-6-H SD ^5		460-89287	460-89271	10/12/2011 21:26	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.: 460-32128-1
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-17338-100411-MM-131	460-32128-6	98	100	103
SO-17338-100411-MM-132	460-32128-7	99	96	99
FB-17338-100411-MM-138	460-32128-13	108	108	109
TB-17338-100411-MM-139	460-32128-14	111	107	114
	MB 460-89343/4	94	96	111
	LCS 460-89343/3	101	101	102
	460-32125-B-1-A MS	100	94	96
	460-32125-B-1-A MSD	101	97	98

	<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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04553.d
 Lab ID: LCS 460-89343/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2000	1790	90	41-149	
Chloromethane	2000	2070	104	52-144	
Vinyl chloride	2000	1910	96	55-154	
Bromomethane	2000	1750	87	58-154	
Chloroethane	2000	1770	89	66-144	
Trichlorofluoromethane	2000	1880	94	60-148	
1,1-Dichloroethene	2000	1520	76	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2000	1880	94	50-128	
Acetone	2000	2370	119	48-177	
Carbon disulfide	2000	1590	80	70-120	
Methyl acetate	2000	1720	86	72-165	
Methylene Chloride	2000	1680	84	78-118	
trans-1,2-Dichloroethene	2000	1610	81	73-119	
Methyl tert-butyl ether	2000	1720	86	65-143	
1,1-Dichloroethane	2000	1670	84	79-119	
cis-1,2-Dichloroethene	2000	1690	85	78-118	
2-Butanone (MEK)	2000	1600	80	70-139	
Chloroform	2000	1690	84	81-122	
1,1,1-Trichloroethane	2000	1690	84	78-118	
Cyclohexane	2000	2090	104	69-128	
Carbon tetrachloride	2000	1730	86	64-130	
Benzene	2000	1710	86	71-118	
1,2-Dichloroethane	2000	1690	84	81-121	
Trichloroethene	2000	1690	85	82-122	
Methylcyclohexane	2000	2610	131	80-134	
1,2-Dichloropropane	2000	1680	84	78-118	
Dichlorobromomethane	2000	1730	86	78-118	
cis-1,3-Dichloropropene	2000	1660	83	75-120	
4-Methyl-2-pentanone (MIBK)	2000	1910	96	69-124	
Toluene	2000	1770	89	79-136	
trans-1,3-Dichloropropene	2000	1730	86	73-118	
1,1,2-Trichloroethane	2000	1710	86	77-120	
Tetrachloroethene	2000	1870	93	78-136	
2-Hexanone	2000	1860	93	62-123	
Chlorodibromomethane	2000	1750	87	78-118	
1,2-Dibromoethane	2000	1750	87	76-120	
Chlorobenzene	2000	1710	86	69-124	
Ethylbenzene	2000	1730	86	78-124	
Xylenes, Total	6000	5500	92	78-126	
Styrene	2000	1740	87	73-126	
Bromoform	2000	1820	91	76-133	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04553.d
Lab ID: LCS 460-89343/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	2000	1970	99	80-143	
1,1,2,2-Tetrachloroethane	2000	1740	87	86-145	
1,3-Dichlorobenzene	2000	2010	100	83-123	
1,4-Dichlorobenzene	2000	1830	91	84-124	
1,2-Dichlorobenzene	2000	1900	95	83-123	
1,2-Dibromo-3-Chloropropane	2000	1890	94	62-127	
1,2,4-Trichlorobenzene	2000	2210	111	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04574.d
Lab ID: 460-32125-B-1-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2360	120 U	2400	102	41-149	
Chloromethane	2360	120 U	2310	98	52-144	
Vinyl chloride	2360	120 U	2430	103	55-154	
Bromomethane	2360	120 U	1690	71	58-164	
Chloroethane	2360	120 U	1350	57	66-144	F
Trichlorofluoromethane	2360	120 U	2070	88	60-148	
1,1-Dichloroethene	2360	120 U	1760	75	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2360	120 U	2150	91	50-128	
Acetone	2360	1200 U	2410	102	48-177	
Carbon disulfide	2360	120 U	1770	75	70-120	
Methyl acetate	2360	240 U	2130	90	72-165	
Methylene Chloride	2360	120 U	1990	84	78-118	
trans-1,2-Dichloroethene	2360	120 U	1890	80	73-119	
Methyl tert-butyl ether	2360	120 U	2030	86	65-143	
1,1-Dichloroethane	2360	120 U	2030	86	79-119	
cis-1,2-Dichloroethene	2360	120 U	1970	84	78-118	
2-Butanone (MEK)	2360	1200 U	2290	97	70-139	
Chloroform	2360	120 U	2050	87	81-122	
1,1,1-Trichloroethane	2360	120 U	2000	85	78-118	
Cyclohexane	2360	120 U	2220	94	69-128	
Carbon tetrachloride	2360	120 U	2100	89	64-130	
Benzene	2360	120 U	1980	84	71-118	
1,2-Dichloroethane	2360	120 U	2070	87	81-121	
Trichloroethene	2360	120 U	2090	89	82-122	
Methylcyclohexane	2360	120 U	2340	99	80-134	
1,2-Dichloropropane	2360	120 U	2070	88	78-118	
Dichlorobromomethane	2360	120 U	2160	91	78-118	
cis-1,3-Dichloropropene	2360	120 U	1910	81	75-120	
4-Methyl-2-pentanone (MIBK)	2360	1200 U	2050	87	69-124	
Toluene	2360	120 U	2030	86	79-136	
trans-1,3-Dichloropropene	2360	120 U	1960	83	73-118	
1,1,2-Trichloroethane	2360	120 U	1920	81	77-120	
Tetrachloroethene	2360	120 U	2150	91	78-136	
2-Hexanone	2360	1200 U	1920	81	62-123	
Chlorodibromomethane	2360	120 U	1880	80	78-118	
1,2-Dibromoethane	2360	120 U	1940	82	76-120	
Chlorobenzene	2360	120 U	2060	87	69-124	
Ethylbenzene	2360	120 U	2030	86	78-124	
Xylenes, Total	7090	350 U	6180	87	78-126	
Styrene	2360	120 U	2070	88	73-126	
Bromoform	2360	120 U	1990	84	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04574.d
 Lab ID: 460-32125-B-1-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	2360	120 U	2080	88	80-143	
1,1,2,2-Tetrachloroethane	2360	120 U	1870	79	86-145	F
1,3-Dichlorobenzene	2360	120 U	2000	85	83-123	
1,4-Dichlorobenzene	2360	120 U	1940	82	84-124	F
1,2-Dichlorobenzene	2360	120 U	2000	85	83-123	
1,2-Dibromo-3-Chloropropane	2360	120 U	2100	89	62-127	
1,2,4-Trichlorobenzene	2360	120 U	2470	105	62-144	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04575.d
Lab ID: 460-32125-B-1-A MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	2360	2260	96	6	30	41-149	
Chloromethane	2360	2420	102	5	30	52-144	
Vinyl chloride	2360	2630	111	8	30	55-154	
Bromomethane	2360	1520	64	10	30	58-164	
Chloroethane	2360	1470	62	8	30	66-144	F
Trichlorofluoromethane	2360	2100	89	1	30	60-148	
1,1-Dichloroethene	2360	1770	75	0	30	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2360	2230	94	4	30	50-128	
Acetone	2360	2300	97	5	30	48-177	
Carbon disulfide	2360	1830	78	4	30	70-120	
Methyl acetate	2360	2140	91	1	30	72-165	
Methylene Chloride	2360	2000	85	1	30	78-118	
trans-1,2-Dichloroethene	2360	1970	83	4	30	73-119	
Methyl tert-butyl ether	2360	2060	87	2	30	65-143	
1,1-Dichloroethane	2360	2030	86	0	30	79-119	
cis-1,2-Dichloroethene	2360	2030	86	3	30	78-118	
2-Butanone (MEK)	2360	2180	92	5	30	70-139	
Chloroform	2360	2090	88	2	30	81-122	
1,1,1-Trichloroethane	2360	2100	89	5	30	78-118	
Cyclohexane	2360	2290	97	3	30	69-128	
Carbon tetrachloride	2360	2140	90	2	30	64-130	
Benzene	2360	2040	86	3	30	71-118	
1,2-Dichloroethane	2360	2100	89	2	30	81-121	
Trichloroethene	2360	2080	88	0	30	82-122	
Methylcyclohexane	2360	2450	103	4	30	80-134	
1,2-Dichloropropane	2360	2060	87	0	30	78-118	
Dichlorobromomethane	2360	2130	90	1	30	78-118	
cis-1,3-Dichloropropene	2360	1980	84	4	30	75-120	
4-Methyl-2-pentanone (MIBK)	2360	2150	91	4	30	69-124	
Toluene	2360	2150	91	6	30	79-136	
trans-1,3-Dichloropropene	2360	2070	88	6	30	73-118	
1,1,2-Trichloroethane	2360	2040	86	7	30	77-120	
Tetrachloroethene	2360	2210	94	3	30	78-136	
2-Hexanone	2360	2070	88	8	30	62-123	
Chlorodibromomethane	2360	2020	85	7	30	78-118	
1,2-Dibromoethane	2360	2070	88	7	30	76-120	
Chlorobenzene	2360	2110	89	2	30	69-124	
Ethylbenzene	2360	2090	88	3	30	78-124	
Xylenes, Total	7090	6510	92	5	30	78-126	
Styrene	2360	2160	92	5	30	73-126	
Bromoform	2360	2100	89	5	30	76-133	

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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04575.d
 Lab ID: 460-32125-B-1-A MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	2360	2200	93	6	30	80-143	
1,1,2,2-Tetrachloroethane	2360	2020	86	8	30	86-145	
1,3-Dichlorobenzene	2360	2120	90	6	30	83-123	
1,4-Dichlorobenzene	2360	2160	91	11	30	84-124	
1,2-Dichlorobenzene	2360	2010	85	1	30	83-123	
1,2-Dibromo-3-Chloropropane	2360	2180	92	4	30	62-127	
1,2,4-Trichlorobenzene	2360	2850	121	14	30	62-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab File ID: j04556.d Lab Sample ID: MB 460-89343/4
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 10/13/2011 06:04
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 460-89343/3	j04553.d	10/13/2011 04:49
FB-17338-100411-MM-138	460-32128-13	j04557.d	10/13/2011 06:32
TB-17338-100411-MM-139	460-32128-14	j04558.d	10/13/2011 06:57
SO-17338-100411-MM-131	460-32128-6	j04562.d	10/13/2011 08:37
SO-17338-100411-MM-132	460-32128-7	j04563.d	10/13/2011 09:02
	460-32125-B-1-A MS	j04574.d	10/13/2011 13:37
	460-32125-B-1-A MSD	j04575.d	10/13/2011 14:02

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab File ID: j04488.d BFB Injection Date: 10/12/2011
 Instrument ID: VOAMS8 BFB Injection Time: 01:08
 Analysis Batch No.: 89267

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.9
75	30.0 - 60.0 % of mass 95	44.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	63.2
175	5.0 - 9.0 % of mass 174	5.1 (8.0) 1
176	95.0 - 101.0 % of mass 174	62.4 (98.8) 1
177	5.0 - 9.0 % of mass 176	3.7 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-89267/2	j04490.d	10/12/2011	01:51
	IC 460-89267/3	j04491.d	10/12/2011	02:17
	ICIS 460-89267/4	j04492.d	10/12/2011	02:42
	IC 460-89267/5	j04493.d	10/12/2011	03:07
	IC 460-89267/6	j04494.d	10/12/2011	03:32
	IC 460-89267/7	j04495.d	10/12/2011	03:56

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab File ID: j04550.d BFB Injection Date: 10/13/2011
 Instrument ID: VOAMS8 BFB Injection Time: 03:29
 Analysis Batch No.: 89343

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.0
75	30.0 - 60.0 % of mass 95	44.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.2
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	63.5
175	5.0 - 9.0 % of mass 174	4.5 (7.1) 1
176	95.0 - 101.0 % of mass 174	63.1 (99.4) 1
177	5.0 - 9.0 % of mass 176	3.9 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-89343/2	j04552.d	10/13/2011	04:24
	LCS 460-89343/3	j04553.d	10/13/2011	04:49
	MB 460-89343/4	j04556.d	10/13/2011	06:04
FB-17338-100411-MM-138	460-32128-13	j04557.d	10/13/2011	06:32
TB-17338-100411-MM-139	460-32128-14	j04558.d	10/13/2011	06:57
SO-17338-100411-MM-131	460-32128-6	j04562.d	10/13/2011	08:37
SO-17338-100411-MM-132	460-32128-7	j04563.d	10/13/2011	09:02
	460-32125-B-1-A MS	j04574.d	10/13/2011	13:37
	460-32125-B-1-A MSD	j04575.d	10/13/2011	14:02
	CCV 460-89343/26	j04579.d	10/13/2011	15:41

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVIS 460-89343/2 Date Analyzed: 10/13/2011 04:24
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j04552.d Heated Purge: (Y/N) N
 Calibration ID: 12658

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1521532	7.88	1126985	11.32	495090	13.76
UPPER LIMIT		3043064	8.38	2253970	11.82	990180	14.26
LOWER LIMIT		760766	7.38	563493	10.82	247545	13.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-89343/3		1519074	7.88	1117807	11.33	497650	13.76
MB 460-89343/4		1558737	7.88	1154362	11.33	425785	13.75
460-32128-13	FB-17338-100411-MM-13 8	1524658	7.88	1167303	11.32	522406	13.76
460-32128-14	TE-17338-100411-MM-13 9	1444125	7.87	1122802	11.32	488069	13.75
460-32128-6	SO-17338-100411-MM-13 1	1398541	7.87	1062482	11.33	469809	13.76
460-32128-7	SO-17338-100411-MM-13 2	1426849	7.87	1093367	11.33	484026	13.76
460-32125-B-1-A MS		1445358	7.89	1123128	11.34	508991	13.78
460-32125-B-1-A MSD		1353281	7.89	1028009	11.35	471349	13.78
CCV 460-89343/26		1577209	7.90	1147714	11.36	505425	13.79

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.: 460-32128-1

SDG No.: _____

Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6

Matrix: Solid Lab File ID: j04562.d

Analysis Method: 8260B Date Collected: 10/04/2011 10:15

Sample wt/vol: 16.92(g) Date Analyzed: 10/13/2011 08:37

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

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

% Moisture: 16.9 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	89	U	89	25
74-87-3	Chloromethane	89	U	89	19
75-01-4	Vinyl chloride	89	U	89	11
74-83-9	Bromomethane	89	U	89	28
75-00-3	Chloroethane	89	U	89	40
75-69-4	Trichlorofluoromethane	89	U	89	14
75-35-4	1,1-Dichloroethene	89	U	89	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	89	U	89	26
67-64-1	Acetone	890	U	890	220
75-15-0	Carbon disulfide	89	U	89	13
79-20-9	Methyl acetate	180	U	180	29
75-09-2	Methylene Chloride	89	U	89	17
156-60-5	trans-1,2-Dichloroethene	89	U	89	12
1634-04-4	Methyl tert-butyl ether	89	U	89	16
75-34-3	1,1-Dichloroethane	89	U	89	8.9
156-59-2	cis-1,2-Dichloroethene	89	U	89	17
78-93-3	2-Butanone (MEK)	890	U	890	73
67-66-3	Chloroform	89	U	89	14
71-55-6	1,1,1-Trichloroethane	89	U	89	22
110-82-7	Cyclohexane	89	U	89	11
56-23-5	Carbon tetrachloride	89	U	89	16
71-43-2	Benzene	89	U	89	11
107-06-2	1,2-Dichloroethane	89	U	89	22
79-01-6	Trichloroethene	89	U	89	16
108-87-2	Methylcyclohexane	89	U	89	7.1
78-87-5	1,2-Dichloropropane	89	U	89	7.8
75-27-4	Dichlorobromomethane	89	U	89	8.0
10061-01-5	cis-1,3-Dichloropropene	89	U	89	9.1
108-10-1	4-Methyl-2-pentanone (MIBK)	890	U	890	61
108-88-3	Toluene	89	U	89	8.4
10061-02-6	trans-1,3-Dichloropropene	89	U	89	11
79-00-5	1,1,2-Trichloroethane	89	U	89	8.7
127-18-4	Tetrachloroethene	89	U	89	17
591-78-6	2-Hexanone	890	U	890	49
124-48-1	Chlorodibromomethane	89	U	89	8.9
106-93-4	1,2-Dibromoethane	89	U	89	8.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
 Matrix: Solid Lab File ID: j04562.d
 Analysis Method: 8260B Date Collected: 10/04/2011 10:15
 Sample wt/vol: 16.92(g) Date Analyzed: 10/13/2011 08:37
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 16.9 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	89	U	89	15
100-41-4	Ethylbenzene	89	U	89	22
1330-20-7	Xylenes, Total	270	U	270	39
100-42-5	Styrene	89	U	89	12
75-25-2	Bromoform	89	U	89	8.8
98-82-8	Isopropylbenzene	89	U	89	19
79-34-5	1,1,2,2-Tetrachloroethane	89	U	89	7.7
541-73-1	1,3-Dichlorobenzene	89	U	89	20
106-46-7	1,4-Dichlorobenzene	89	U	89	13
95-50-1	1,2-Dichlorobenzene	89	U	89	14
96-12-8	1,2-Dibromo-3-Chloropropane	89	U	89	14
120-82-1	1,2,4-Trichlorobenzene	89	U	89	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		57-135
460-00-4	4-Bromofluorobenzene	103		50-124
2037-26-5	Toluene-d8 (Surr)	100		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
Matrix: Solid Lab File ID: j04562.d
Analysis Method: 8260B Date Collected: 10/04/2011 10:15
Sample wt/vol: 16.92(g) Date Analyzed: 10/13/2011 08:37
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 16.9 Level: (low/med) Medium
Analysis Batch No.: 89343 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_09/10-12-11DE/13oct11dem.b/j04562.d
 Report Date: 16-Oct-2011 13:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04562.d
 Lab Smp Id: 460-32128-B-6-A Client Smp ID: SO-17338-100411-MM-
 Inj Date : 13-OCT-2011 08:37
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32128-B-6-A;50;;16.92;25
 Misc Info : 460-32128-B-6-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 12
 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	16.92000	Weight of sample extracted (g)
M	16.85912	% 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	7.461	7.466	(0.948)	444251	48.9199	4300	
* 52 Fluorobenzene	96	7.871	7.881	(1.000)	1398541	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.734	9.734	(0.860)	1067530	49.9133	4400	
* 78 Chlorobenzene-d5	117	11.325	11.324	(1.000)	1062482	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.519	12.521	(0.910)	488786	51.4306	4600	
* 108 1,4-Dichlorobenzene-d4	152	13.760	13.759	(1.000)	469809	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04562.d
Report Date: 16-Oct-2011 13:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04562.d
Lab Smp Id: 460-32128-B-6-A Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 08:37
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32128-B-6-A;50;;16.92;25
Misc Info : 460-32128-B-6-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04562.d

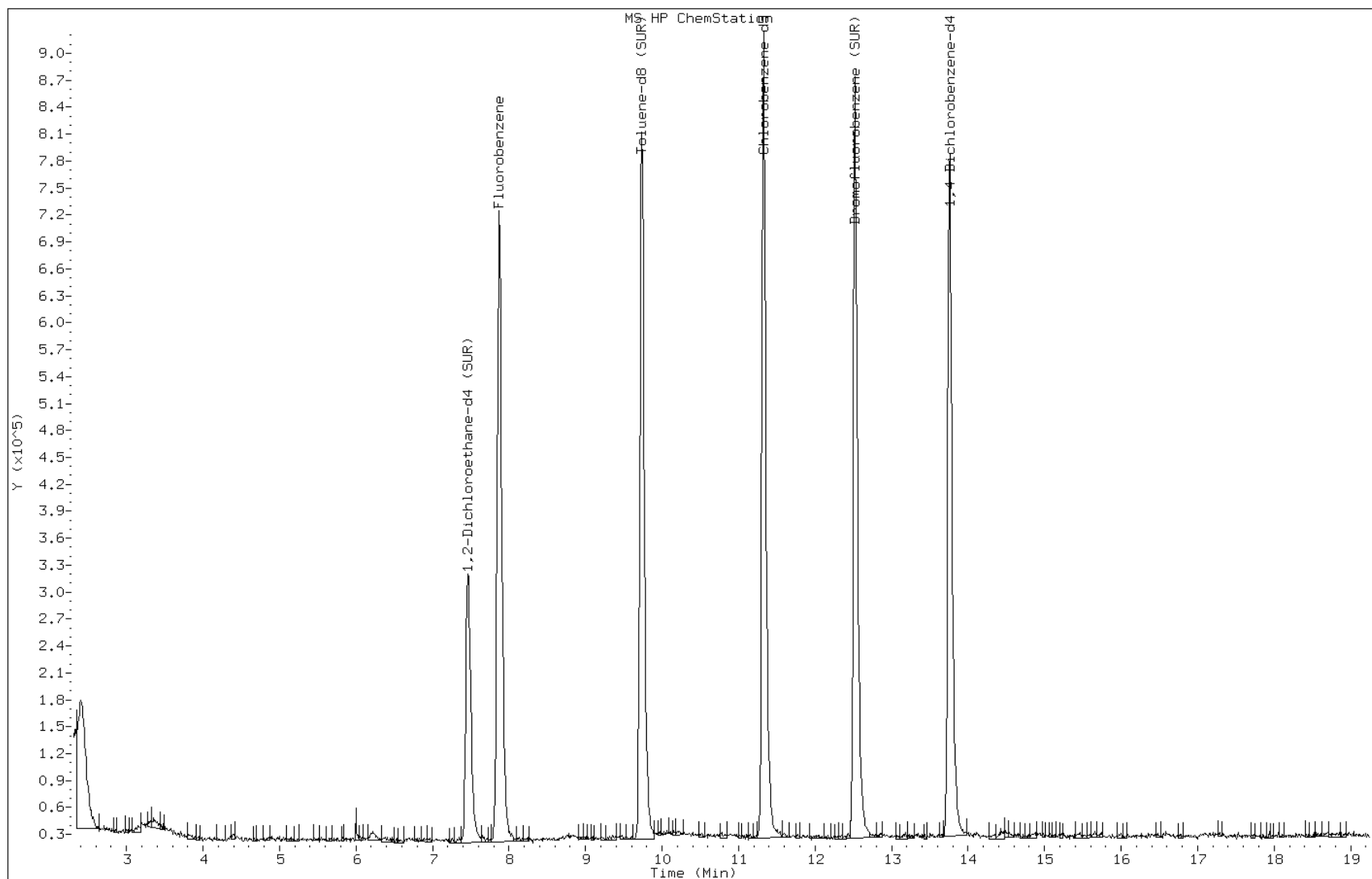
Date: 13-OCT-2011 08:37

Client ID: S0-17338-100411-MM-

Instrument: VOAMS8.i

Sample Info: 460-32128-B-6-A;50;;16.92;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7

Matrix: Solid Lab File ID: j04563.d

Analysis Method: 8260B Date Collected: 10/04/2011 10:20

Sample wt/vol: 18.46(g) Date Analyzed: 10/13/2011 09:02

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

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

% Moisture: 18.6 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	83	U	83	24
74-87-3	Chloromethane	83	U	83	18
75-01-4	Vinyl chloride	83	U	83	10
74-83-9	Bromomethane	83	U	83	26
75-00-3	Chloroethane	83	U	83	37
75-69-4	Trichlorofluoromethane	83	U	83	13
75-35-4	1,1-Dichloroethene	83	U	83	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	83	U	83	24
67-64-1	Acetone	830	U	830	210
75-15-0	Carbon disulfide	83	U	83	12
79-20-9	Methyl acetate	170	U	170	27
75-09-2	Methylene Chloride	83	U	83	16
156-60-5	trans-1,2-Dichloroethene	83	U	83	11
1634-04-4	Methyl tert-butyl ether	83	U	83	15
75-34-3	1,1-Dichloroethane	83	U	83	8.3
156-59-2	cis-1,2-Dichloroethene	83	U	83	16
78-93-3	2-Butanone (MEK)	830	U	830	68
67-66-3	Chloroform	83	U	83	13
71-55-6	1,1,1-Trichloroethane	83	U	83	21
110-82-7	Cyclohexane	83	U	83	10
56-23-5	Carbon tetrachloride	83	U	83	15
71-43-2	Benzene	83	U	83	9.9
107-06-2	1,2-Dichloroethane	83	U	83	20
79-01-6	Trichloroethene	83	U	83	15
108-87-2	Methylcyclohexane	83	U	83	6.7
78-87-5	1,2-Dichloropropane	83	U	83	7.3
75-27-4	Dichlorobromomethane	83	U	83	7.4
10061-01-5	cis-1,3-Dichloropropene	83	U	83	8.5
108-10-1	4-Methyl-2-pentanone (MIBK)	830	U	830	57
108-88-3	Toluene	83	U	83	7.9
10061-02-6	trans-1,3-Dichloropropene	83	U	83	10
79-00-5	1,1,2-Trichloroethane	83	U	83	8.1
127-18-4	Tetrachloroethene	83	U	83	16
591-78-6	2-Hexanone	830	U	830	45
124-48-1	Chlorodibromomethane	83	U	83	8.4
106-93-4	1,2-Dibromoethane	83	U	83	7.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
 Matrix: Solid Lab File ID: j04563.d
 Analysis Method: 8260B Date Collected: 10/04/2011 10:20
 Sample wt/vol: 18.46(g) Date Analyzed: 10/13/2011 09:02
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.6 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	83	U	83	14
100-41-4	Ethylbenzene	83	U	83	21
1330-20-7	Xylenes, Total	250	U	250	36
100-42-5	Styrene	83	U	83	12
75-25-2	Bromoform	83	U	83	8.2
98-82-8	Isopropylbenzene	83	U	83	18
79-34-5	1,1,2,2-Tetrachloroethane	83	U	83	7.2
541-73-1	1,3-Dichlorobenzene	83	U	83	19
106-46-7	1,4-Dichlorobenzene	83	U	83	13
95-50-1	1,2-Dichlorobenzene	83	U	83	14
96-12-8	1,2-Dibromo-3-Chloropropane	83	U	83	13
120-82-1	1,2,4-Trichlorobenzene	83	U	83	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		57-135
460-00-4	4-Bromofluorobenzene	99		50-124
2037-26-5	Toluene-d8 (Surr)	96		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
Matrix: Solid Lab File ID: j04563.d
Analysis Method: 8260B Date Collected: 10/04/2011 10:20
Sample wt/vol: 18.46(g) Date Analyzed: 10/13/2011 09:02
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 18.6 Level: (low/med) Medium
Analysis Batch No.: 89343 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_09/10-12-11DE/13oct11dem.b/j04563.d
 Report Date: 16-Oct-2011 13:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04563.d
 Lab Smp Id: 460-32128-B-7-A Client Smp ID: SO-17338-100411-MM-
 Inj Date : 13-OCT-2011 09:02
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32128-B-7-A;50;;18.46;25
 Misc Info : 460-32128-B-7-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 13
 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	18.46000	Weight of sample extracted (g)
M	18.55011	% 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	7.462	7.466	(0.948)	456531	49.2747	4100	
* 52 Fluorobenzene	96	7.869	7.881	(1.000)	1426849	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.733	9.734	(0.859)	1055717	47.9667	4000	
* 78 Chlorobenzene-d5	117	11.332	11.324	(1.000)	1093367	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.521	(0.910)	483217	49.3512	4100	
* 108 1,4-Dichlorobenzene-d4	152	13.762	13.759	(1.000)	484026	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04563.d
Report Date: 16-Oct-2011 13:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04563.d
Lab Smp Id: 460-32128-B-7-A Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 09:02
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32128-B-7-A;50;;18.46;25
Misc Info : 460-32128-B-7-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 13
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04563.d

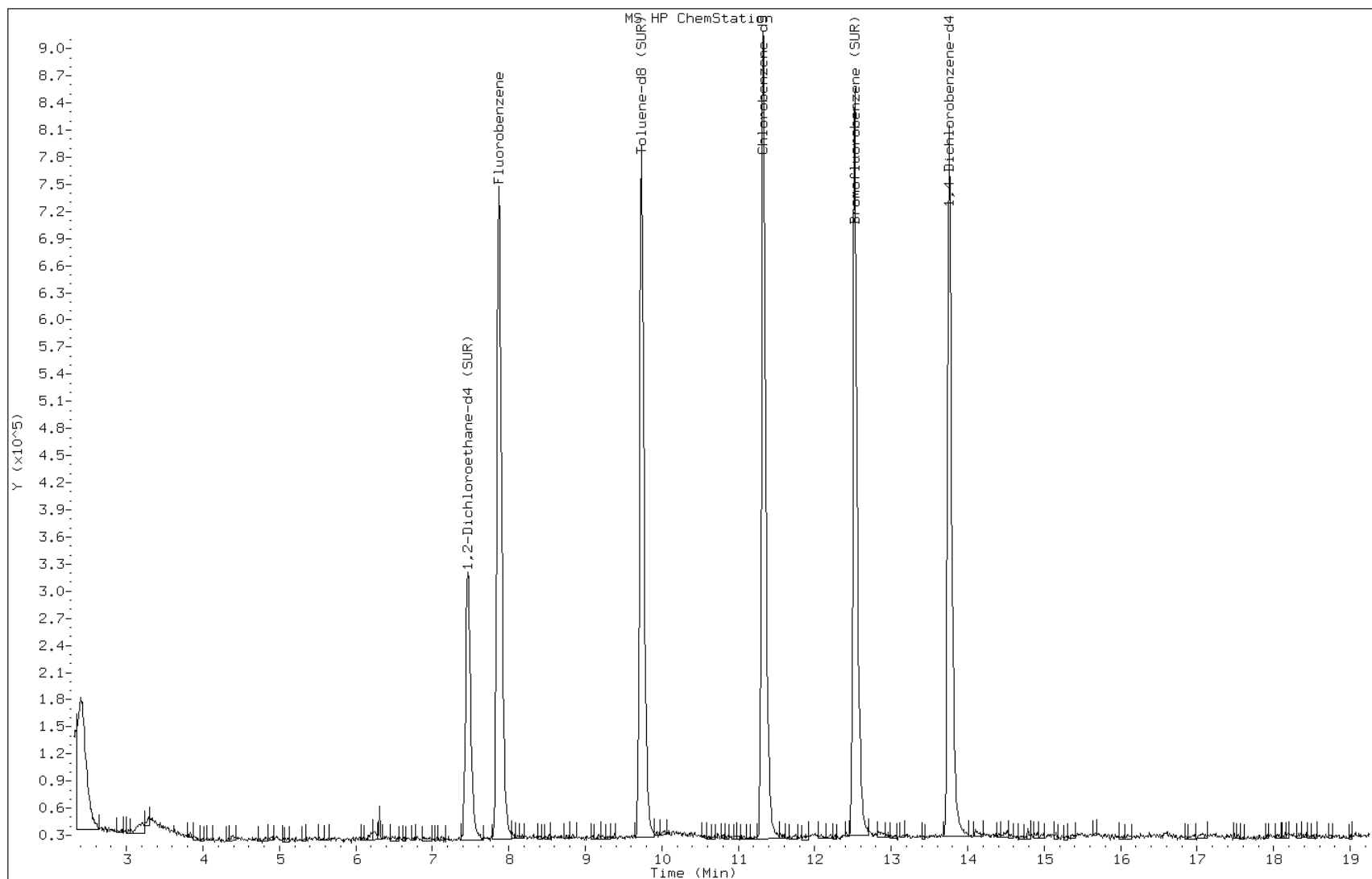
Date: 13-OCT-2011 09:02

Client ID: S0-17338-100411-MM-

Instrument: VOAMS8.i

Sample Info: 460-32128-B-7-A;50;;18.46;25

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13

Matrix: Solid Lab File ID: j04557.d

Analysis Method: 8260B Date Collected: 10/04/2011 12:30

Sample wt/vol: 10.77(g) Date Analyzed: 10/13/2011 06:32

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

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

% Moisture: 0.0 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120	U	120	33
74-87-3	Chloromethane	120	U	120	24
75-01-4	Vinyl chloride	120	U	120	14
74-83-9	Bromomethane	120	U	120	36
75-00-3	Chloroethane	120	U	120	52
75-69-4	Trichlorofluoromethane	120	U	120	18
75-35-4	1,1-Dichloroethene	120	U	120	16
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	33
67-64-1	Acetone	1200	U	1200	290
75-15-0	Carbon disulfide	120	U	120	17
79-20-9	Methyl acetate	230	U	230	38
75-09-2	Methylene Chloride	120	U	120	22
156-60-5	trans-1,2-Dichloroethene	120	U	120	16
1634-04-4	Methyl tert-butyl ether	120	U	120	21
75-34-3	1,1-Dichloroethane	120	U	120	12
156-59-2	cis-1,2-Dichloroethene	120	U	120	22
78-93-3	2-Butanone (MEK)	1200	U	1200	95
67-66-3	Chloroform	120	U	120	18
71-55-6	1,1,1-Trichloroethane	120	U	120	29
110-82-7	Cyclohexane	120	U	120	14
56-23-5	Carbon tetrachloride	120	U	120	21
71-43-2	Benzene	120	U	120	14
107-06-2	1,2-Dichloroethane	120	U	120	29
79-01-6	Trichloroethene	120	U	120	21
108-87-2	Methylcyclohexane	120	U	120	9.3
78-87-5	1,2-Dichloropropane	120	U	120	10
75-27-4	Dichlorobromomethane	120	U	120	10
10061-01-5	cis-1,3-Dichloropropene	120	U	120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	1200	U	1200	79
108-88-3	Toluene	120	U	120	11
10061-02-6	trans-1,3-Dichloropropene	120	U	120	14
79-00-5	1,1,2-Trichloroethane	120	U	120	11
127-18-4	Tetrachloroethene	120	U	120	23
591-78-6	2-Hexanone	1200	U	1200	63
124-48-1	Chlorodibromomethane	120	U	120	12
106-93-4	1,2-Dibromoethane	120	U	120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
 Matrix: Solid Lab File ID: j04557.d
 Analysis Method: 8260B Date Collected: 10/04/2011 12:30
 Sample wt/vol: 10.77(g) Date Analyzed: 10/13/2011 06:32
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 0.0 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	120	U	120	19
100-41-4	Ethylbenzene	120	U	120	29
1330-20-7	Xylenes, Total	350	U	350	50
100-42-5	Styrene	120	U	120	16
75-25-2	Bromoform	120	U	120	12
98-82-8	Isopropylbenzene	120	U	120	25
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	10
541-73-1	1,3-Dichlorobenzene	120	U	120	26
106-46-7	1,4-Dichlorobenzene	120	U	120	17
95-50-1	1,2-Dichlorobenzene	120	U	120	19
96-12-8	1,2-Dibromo-3-Chloropropane	120	U	120	18
120-82-1	1,2,4-Trichlorobenzene	120	U	120	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		57-135
460-00-4	4-Bromofluorobenzene	109		50-124
2037-26-5	Toluene-d8 (Surr)	108		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
Matrix: Solid Lab File ID: j04557.d
Analysis Method: 8260B Date Collected: 10/04/2011 12:30
Sample wt/vol: 10.77(g) Date Analyzed: 10/13/2011 06:32
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 0.0 Level: (low/med) Medium
Analysis Batch No.: 89343 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_09/10-12-11DE/13oct11dem.b/j04557.d
 Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04557.d
 Lab Smp Id: 460-32128-B-13-A Client Smp ID: FB-17338-100411-MM-
 Inj Date : 13-OCT-2011 06:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32128-B-13-A;50;;10.77;25
 Misc Info : 460-32128-B-13-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 7
 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	10.77000	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	7.468	7.466	(0.948)	532902	53.8278	6200	
* 52 Fluorobenzene	96	7.878	7.881	(1.000)	1524658	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.734	9.734	(0.860)	1267084	53.9237	6200	
* 78 Chlorobenzene-d5	117	11.324	11.324	(1.000)	1167303	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.525	12.521	(0.910)	575491	54.4571	6300	
* 108 1,4-Dichlorobenzene-d4	152	13.763	13.759	(1.000)	522406	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04557.d
Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04557.d
Lab Smp Id: 460-32128-B-13-A Client Smp ID: FB-17338-100411-MM-
Inj Date : 13-OCT-2011 06:32
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32128-B-13-A;50;;10.77;25
Misc Info : 460-32128-B-13-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 7
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

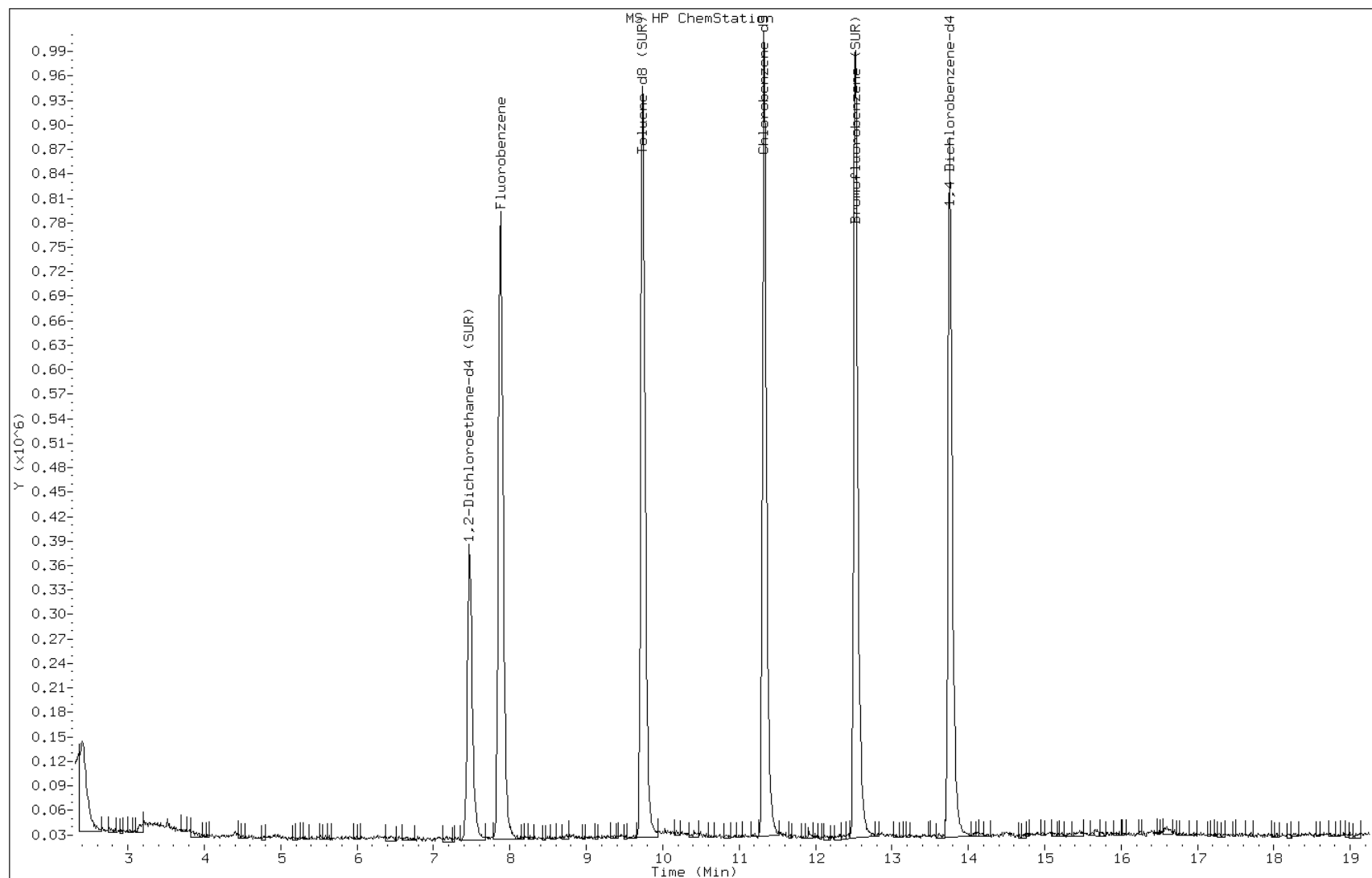
Data File: j04557.d

Date: 13-OCT-2011 06:32

Client ID: FB-17338-100411-MM-

Instrument: VOAMS8.i

Sample Info: 460-32128-B-13-A;50;;10.77;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: TB-17338-100411-MM-139 Lab Sample ID: 460-32128-14

Matrix: Solid Lab File ID: j04558.d

Analysis Method: 8260B Date Collected: 10/04/2011 12:35

Sample wt/vol: 10.61(g) Date Analyzed: 10/13/2011 06:57

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

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

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

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120	U	120	33
74-87-3	Chloromethane	120	U	120	25
75-01-4	Vinyl chloride	120	U	120	14
74-83-9	Bromomethane	120	U	120	37
75-00-3	Chloroethane	120	U	120	52
75-69-4	Trichlorofluoromethane	120	U	120	18
75-35-4	1,1-Dichloroethene	120	U	120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	U	120	34
67-64-1	Acetone	1200	U	1200	290
75-15-0	Carbon disulfide	120	U	120	17
79-20-9	Methyl acetate	240	U	240	39
75-09-2	Methylene Chloride	120	U	120	23
156-60-5	trans-1,2-Dichloroethene	120	U	120	16
1634-04-4	Methyl tert-butyl ether	120	U	120	22
75-34-3	1,1-Dichloroethane	120	U	120	12
156-59-2	cis-1,2-Dichloroethene	120	U	120	23
78-93-3	2-Butanone (MEK)	1200	U	1200	97
67-66-3	Chloroform	120	U	120	18
71-55-6	1,1,1-Trichloroethane	120	U	120	29
110-82-7	Cyclohexane	120	U	120	15
56-23-5	Carbon tetrachloride	120	U	120	21
71-43-2	Benzene	120	U	120	14
107-06-2	1,2-Dichloroethane	120	U	120	29
79-01-6	Trichloroethene	120	U	120	21
108-87-2	Methylcyclohexane	120	U	120	9.4
78-87-5	1,2-Dichloropropane	120	U	120	10
75-27-4	Dichlorobromomethane	120	U	120	11
10061-01-5	cis-1,3-Dichloropropene	120	U	120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	1200	U	1200	80
108-88-3	Toluene	120	U	120	11
10061-02-6	trans-1,3-Dichloropropene	120	U	120	14
79-00-5	1,1,2-Trichloroethane	120	U	120	11
127-18-4	Tetrachloroethene	120	U	120	23
591-78-6	2-Hexanone	1200	U	1200	64
124-48-1	Chlorodibromomethane	120	U	120	12
106-93-4	1,2-Dibromoethane	120	U	120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: TB-17338-100411-MM-139 Lab Sample ID: 460-32128-14
 Matrix: Solid Lab File ID: j04558.d
 Analysis Method: 8260B Date Collected: 10/04/2011 12:35
 Sample wt/vol: 10.61(g) Date Analyzed: 10/13/2011 06:57
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	120	U	120	19
100-41-4	Ethylbenzene	120	U	120	29
1330-20-7	Xylenes, Total	350	U	350	51
100-42-5	Styrene	120	U	120	16
75-25-2	Bromoform	120	U	120	12
98-82-8	Isopropylbenzene	120	U	120	25
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	10
541-73-1	1,3-Dichlorobenzene	120	U	120	27
106-46-7	1,4-Dichlorobenzene	120	U	120	18
95-50-1	1,2-Dichlorobenzene	120	U	120	19
96-12-8	1,2-Dibromo-3-Chloropropane	120	U	120	18
120-82-1	1,2,4-Trichlorobenzene	120	U	120	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		57-135
460-00-4	4-Bromofluorobenzene	114		50-124
2037-26-5	Toluene-d8 (Surr)	107		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: TB-17338-100411-MM-139 Lab Sample ID: 460-32128-14
Matrix: Solid Lab File ID: j04558.d
Analysis Method: 8260B Date Collected: 10/04/2011 12:35
Sample wt/vol: 10.61(g) Date Analyzed: 10/13/2011 06:57
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 89343 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_09/10-12-11DE/13oct11dem.b/j04558.d
 Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04558.d
 Lab Smp Id: 460-32128-C-14-A Client Smp ID: TB-17338-100411-MM-
 Inj Date : 13-OCT-2011 06:57
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32128-C-14-A;50;;10.61;25
 Misc Info : 460-32128-C-14-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 8
 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	10.61000	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	7.459	7.466	(0.948)	522197	55.6880	6600	
* 52 Fluorobenzene	96	7.869	7.881	(1.000)	1444125	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.736	9.734	(0.860)	1212049	53.6259	6300	
* 78 Chlorobenzene-d5	117	11.323	11.324	(1.000)	1122802	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.521	(0.911)	562999	57.0231	6700	
* 108 1,4-Dichlorobenzene-d4	152	13.755	13.759	(1.000)	488069	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04558.d
Report Date: 17-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04558.d
Lab Smp Id: 460-32128-C-14-A Client Smp ID: TB-17338-100411-MM-
Inj Date : 13-OCT-2011 06:57
Operator : Inst ID: VOAMS8.i
Smp Info : 460-32128-C-14-A;50;;10.61;25
Misc Info : 460-32128-C-14-A
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
Als bottle: 8
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

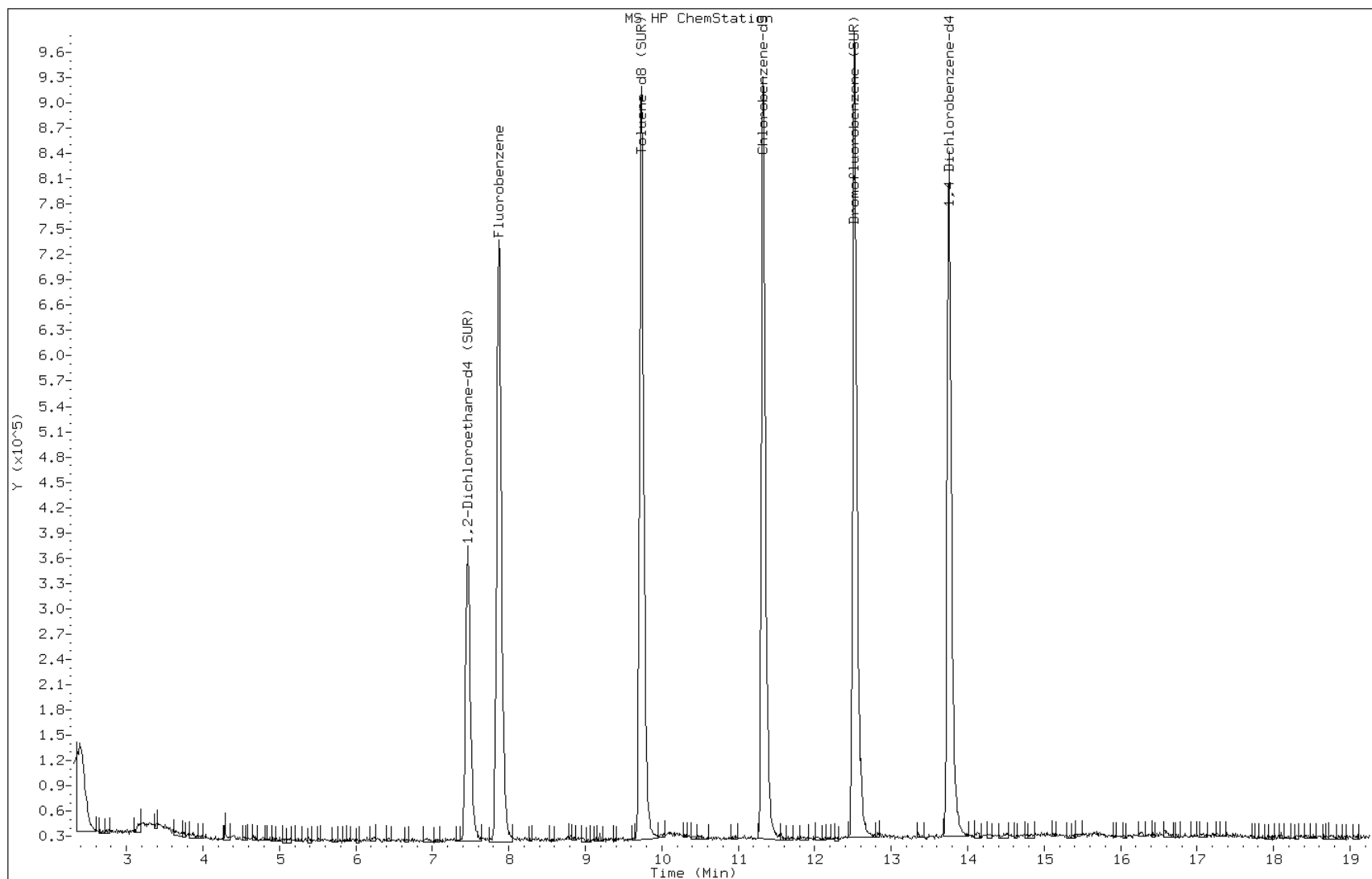
Data File: j04558.d

Date: 13-OCT-2011 06:57

Client ID: TB-17338-100411-MM-

Instrument: VOAMS8.i

Sample Info: 460-32128-C-14-A;50;;10.61;25 Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.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	0.4294 0.5816	0.3617	0.4892	0.5184	0.5310	LinF		0.5746							0.9984		0.9900
Chloromethane	0.3847 0.3473	0.3061	0.2830	0.2974	0.3206	Ave		0.3232			0.1000	11.5		30.0			
Vinyl chloride	0.3773 0.3970	0.3180	0.3166	0.3492	0.3614	Ave		0.3532			0.1000	9.1		30.0			
Bromomethane	0.3712 0.3176	0.3150	0.3006	0.3218	0.3062	Ave		0.3221			0.1000	7.9		30.0			
Chloroethane	0.2559 0.1955	0.1954	0.1834	0.1946	0.1932	Ave		0.2030			0.1000	13.0		30.0			
Trichlorofluoromethane	0.5495 0.7500	0.5731	0.6522	0.6761	0.6863	Ave		0.6479			0.1000	11.6		30.0			
Pentane	0.0222 0.0366	0.0263	0.0293	0.0317	0.0329	LinF		0.0361							0.9978		0.9900
Ethyl ether	0.2255 0.2398	0.2086	0.2134	0.2329	0.2263	Ave		0.2244			0.1000	5.2		30.0			
2-Methyl-1,3-butadiene	0.3080 0.3270	0.2566	0.2464	0.2913	0.2918	Ave		0.2869			0.1000	10.6		30.0			
Acrolein	0.0467 0.0397	0.0428	0.0396	0.0395	0.0373	Ave		0.0409		*	0.1000	8.1		30.0			
1,1-Dichloroethene	0.3258 0.3245	0.3100	0.2592	0.3090	0.3062	Ave		0.3058			0.1000	7.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5648 0.6108	0.4912	0.4738	0.5549	0.5717	Ave		0.5445			0.1000	9.5		30.0			
Acetone	0.0191 0.0199	0.0195	0.0183	0.0191	0.0195	Ave		0.0192		*	0.1000	2.8		30.0			
Iodomethane	1.0596 0.9309	0.8703	0.8264	0.9313	0.9080	Ave		0.9211			0.1000	8.6		30.0			
Carbon disulfide	1.1917 1.0050	0.9532	0.8172	0.9228	0.9691	Ave		0.9765			0.1000	12.6		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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Acetonitrile	0.0019 0.0035	0.0032	0.0032	0.0031	0.0033	LinF		0.0034							0.9993		0.9900
Methyl acetate	0.0812 0.0695	0.0784	0.0615	0.0696	0.0671	Ave		0.0712		*	0.1000	10.3		30.0			
Methylene Chloride	0.4216 0.3810	0.3647	0.3594	0.3746	0.3614	Ave		0.3771			0.1000	6.2		30.0			
2-Methyl-2-propanol	0.0246 0.0239	0.0229	0.0217	0.0239	0.0238	Ave		0.0235		*	0.1000	4.3		30.0			
Methyl tert-butyl ether	0.8601 0.8105	0.8197	0.7714	0.8157	0.7934	Ave		0.8118			0.1000	3.6		30.0			
Acrylonitrile	0.0546 0.0834	0.0656	0.0664	0.0718	0.0774	Ave		0.0699		*	0.1000	14.4		30.0			
trans-1,2-Dichloroethene	0.3861 0.3690	0.3726	0.3293	0.3667	0.3527	Ave		0.3627			0.1000	5.4		30.0			
Hexane	0.1337 0.1170	0.1033	0.0899	0.1106	0.1076	Ave		0.1103			0.1000	13.2		30.0			
1,1-Dichloroethane	0.8819 0.7274	0.7009	0.6683	0.7139	0.6858	Ave		0.7297			0.1000	10.6		30.0			
Isopropyl ether	1.7242 1.3914	1.5127	1.4128	1.4789	1.4165	Ave		1.4894			0.1000	8.3		30.0			
Vinyl acetate	1.3576 0.9065	0.9884	0.9344	0.9523	0.8901	LinF		0.9048							0.9999		0.9900
Tert-butyl ethyl ether	1.1424 1.1551	1.1291	1.0755	1.1456	1.1423	Ave		1.1317			0.1000	2.5		30.0			
cis-1,2-Dichloroethene	0.3873 0.3937	0.3858	0.3701	0.3987	0.3926	Ave		0.3880			0.1000	2.6		30.0			
2-Butanone (MEK)	0.0220 0.0276	0.0253	0.0241	0.0263	0.0282	Ave		0.0256		*	0.1000	9.0		30.0			
2,2-Dichloropropane	0.5585 0.5212	0.5415	0.4776	0.5168	0.5124	Ave		0.5213			0.1000	5.3		30.0			
Ethyl acetate	0.0487 0.0351	0.0420	0.0363	0.0363	0.0363	Ave		0.0391		*	0.1000	13.5		30.0			
Chlorobromomethane	0.3506 0.2678	0.2429	0.2514	0.2680	0.2540	Ave		0.2725			0.1000	14.5		30.0			
Tetrahydrofuran	0.0716 0.0748	0.0723	0.0765	0.0754	0.0747	Ave		0.0742		*	0.1000	2.5		30.0			
Chloroform	0.8259 0.7746	0.7209	0.7184	0.7792	0.7453	Ave		0.7607			0.1000	5.4		30.0			
1,1,1-Trichloroethane	0.5639 0.6430	0.5586	0.5356	0.6159	0.6192	Ave		0.5894			0.1000	7.2		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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	0.3304 0.3684	0.3118	0.3076	0.3417	0.3562	Ave		0.3360			0.1000	7.2		30.0			
1,1-Dichloropropene	0.5841 0.5133	0.4972	0.4696	0.5209	0.5065	Ave		0.5153			0.1000	7.4		30.0			
Carbon tetrachloride	0.5418 0.5847	0.5241	0.4760	0.5690	0.5606	Ave		0.5427			0.1000	7.2		30.0			
Benzene	1.6609 1.3152	1.2816	1.2938	1.3945	1.3802	Ave		1.3877			0.1000	10.2		30.0			
1,2-Dichloroethane	0.4828 0.4349	0.4131	0.4133	0.4494	0.4247	Ave		0.4364			0.1000	6.1		30.0			
Tert-amyl methyl ether	1.0655 0.8993	0.9658	0.8958	0.9575	0.9387	Ave		0.9538			0.1000	6.5		30.0			
n-Heptane	0.0492 0.1119	0.0518	0.0491	0.1008	0.1136	LinF		0.1120							0.9991		0.9900
n-Butanol	0.0035 0.0037	0.0030	0.0034	0.0035	0.0037	Ave		0.0035		*	0.1000	7.2		30.0			
Trichloroethene	0.4450 0.4285	0.4245	0.3915	0.4333	0.4177	Ave		0.4234			0.1000	4.3		30.0			
Ethyl acrylate	0.4532 0.4531	0.4130	0.4190	0.4358	0.4440	Ave		0.4364			0.1000	3.9		30.0			
Methylcyclohexane	0.2472 0.2534	0.2060	0.2138	0.2447	0.2471	Ave		0.2354			0.1000	8.5		30.0			
1,2-Dichloropropane	0.5227 0.4332	0.4499	0.4182	0.4566	0.4237	Ave		0.4507			0.1000	8.5		30.0			
Methyl methacrylate	0.1012 0.0897	0.0904	0.0906	0.0964	0.0910	Ave		0.0932		*	0.1000	4.9		30.0			
n-Propyl acetate	0.5530 0.4976	0.5438	0.5329	0.5544	0.5316	Ave		0.5356			0.1000	3.9		30.0			
Dibromomethane	0.3884 0.3739	0.3819	0.3811	0.3904	0.3722	Ave		0.3813			0.1000	1.9		30.0			
Dichlorobromomethane	0.7108 0.7588	0.7263	0.7303	0.7817	0.7488	Ave		0.7428			0.1000	3.4		30.0			
2-Chloroethyl vinyl ether	0.1516 0.2573	0.1992	0.2357	0.2376	0.2399	LinF		0.2549							0.9991		0.9900
Epichlorohydrin	0.0414 0.0424	0.0371	0.0410	0.0424	0.0462	Ave		0.0418		*	0.1000	7.1		30.0			
cis-1,3-Dichloropropene	0.7972 0.8842	0.7765	0.8259	0.8795	0.8867	Ave		0.8417			0.1000	5.8		30.0			
4-Methyl-2-pentanone (MIBK)	0.4670 0.4988	0.4333	0.4538	0.4692	0.4995	Ave		0.4703			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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Toluene	1.6967 1.2782	1.3799	1.2798	1.3278	1.3429	Ave		1.3842			0.1000	11.4		30.0			
trans-1,3-Dichloropropene	0.7490 0.7541	0.6326	0.6786	0.7237	0.7425	Ave		0.7134			0.1000	6.8		30.0			
1,1,2-Trichloroethane	0.4452 0.4382	0.3958	0.4270	0.4354	0.4417	Ave		0.4305			0.1000	4.2		30.0			
Tetrachloroethene	0.4779 0.5238	0.4417	0.4573	0.5181	0.5196	Ave		0.4897			0.1000	7.3		30.0			
1,3-Dichloropropane	0.8310 0.7659	0.7118	0.7664	0.7967	0.7944	Ave		0.7777			0.1000	5.2		30.0			
2-Hexanone	0.2756 0.2932	0.2448	0.2533	0.2706	0.3006	Ave		0.2730			0.1000	8.0		30.0			
n-Butyl acetate	0.1408 0.1493	0.1266	0.1379	0.1472	0.1552	Ave		0.1428			0.1000	7.0		30.0			
Chlorodibromomethane	0.7567 0.8916	0.7083	0.8229	0.8764	0.8934	Ave		0.8249			0.1000	9.4		30.0			
1,2-Dibromoethane	0.7145 0.7135	0.6168	0.6825	0.7234	0.7219	Ave		0.6955			0.1000	5.9		30.0			
Chlorobenzene	1.0182 0.9998	0.8729	0.9800	1.0204	1.0255	Ave		0.9861			0.1000	5.9		30.0			
1,1,1,2-Tetrachloroethane	0.5902 0.5746	0.5145	0.5414	0.5653	0.5905	Ave		0.5627			0.1000	5.3		30.0			
Ethylbenzene	0.3158 0.3745	0.3570	0.3508	0.3998	0.4033	Ave		0.3669			0.1000	9.0		30.0			
m-Xylene & p-Xylene	0.5311 0.4863	0.4846	0.4949	0.5329	0.5121	Ave		0.5070			0.1000	4.3		30.0			
n-Butyl acrylate	0.2706 0.4571	0.3184	0.3538	0.4169	0.4479	LinF		0.4554							0.9997		0.9900
o-Xylene	0.4188 0.4895	0.4586	0.4637	0.5055	0.5078	Ave		0.4740			0.1000	7.2		30.0			
Styrene	0.8286 0.8965	0.8136	0.8810	0.9346	0.9643	Ave		0.8864			0.1000	6.6		30.0			
Amyl acetate (mixed isomers)	1.6813 1.3481	1.3705	1.2843	1.4201	1.3987	Ave		1.4172			0.1000	9.7		30.0			
Bromoform	0.4531 0.6002	0.4357	0.5197	0.5449	0.5834	Ave		0.5228			0.1000	12.9		30.0			
Isopropylbenzene	1.1833 1.1500	1.0525	1.0702	1.1752	1.1686	Ave		1.1333			0.1000	5.0		30.0			
Camphene	0.1402 0.1118	0.1057	0.0879	0.0983	0.1077	LinF		0.1111							0.9995		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	2.1407 1.4276	1.7178	1.6702	1.7075	1.5017	Ave		1.6942			0.1000	14.7		30.0			
trans-1,4-Dichloro-2-butene	0.2840 0.2781	0.2796	0.2849	0.3236	0.3071	Ave		0.2929			0.1000	6.3		30.0			
Bromobenzene	1.3877 0.9971	1.1090	1.1378	1.1769	1.0466	Ave		1.1425			0.1000	11.9		30.0			
1,2,3-Trichloropropane	0.4502 0.3442	0.4365	0.4168	0.4275	0.3579	Ave		0.4055			0.1000	10.8		30.0			
N-Propylbenzene	3.3889 2.4704	3.0189	2.7929	3.0712	2.6613	Ave		2.9006			0.1000	11.3		30.0			
2-Chlorotoluene	1.7289 1.5888	2.0034	1.7449	1.8868	1.7324	Ave		1.7809			0.1000	8.1		30.0			
1,3,5-Trimethylbenzene	2.4628 1.7470	2.1177	1.8616	2.0786	1.8360	Ave		2.0173			0.1000	13.0		30.0			
Butyl Methacrylate	1.6211 1.5061	1.4147	1.5453	1.6370	1.5279	Ave		1.5420			0.1000	5.3		30.0			
4-Chlorotoluene	3.2148 2.2358	2.5300	2.5484	2.6919	2.2711	Ave		2.5820			0.1000	13.8		30.0			
tert-Butylbenzene	2.4260 1.7546	2.0718	1.8756	2.0055	1.7363	Ave		1.9783			0.1000	13.0		30.0			
1,2,4-Trimethylbenzene	2.3769 1.9306	2.1132	2.1196	2.1735	1.9551	Ave		2.1115			0.1000	7.7		30.0			
2-Octanone	1.3495 2.1396	1.1255	1.4267	1.7658	2.0476	LinF		2.1241							0.9990		0.9900
sec-Butylbenzene	2.8932 2.2405	2.5858	2.4012	2.6625	2.2934	Ave		2.5128			0.1000	9.9		30.0			
4-Isopropyltoluene	2.2030 1.8090	1.9962	1.8616	2.1154	1.7931	Ave		1.9630			0.1000	8.7		30.0			
1,3-Dichlorobenzene	1.4873 1.3007	1.3444	1.3608	1.5287	1.2854	Ave		1.3846			0.1000	7.3		30.0			
1,4-Dichlorobenzene	1.9804 1.7040	1.7509	1.6900	1.9024	1.7407	Ave		1.7947			0.1000	6.6		30.0			
Benzyl chloride	1.4552 1.6804	1.4855	1.6172	1.7017	1.6433	Ave		1.5972			0.1000	6.4		30.0			
n-Butylbenzene	2.0424 1.8247	1.7312	1.6398	1.8808	1.7162	Ave		1.8059			0.1000	8.0		30.0			
1,2-Dichlorobenzene	1.4779 1.4616	1.5202	1.5502	1.5973	1.4771	Ave		1.5141			0.1000	3.5		30.0			
1,2-Dibromo-3-Chloropropane	0.3560 0.3458	0.2526	0.2888	0.3018	0.3168	Ave		0.3103			0.1000	12.3		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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphor	0.1188 0.1262	0.0951	0.0987	0.1074	0.1202	Ave		0.1111			0.1000	11.3		30.0			
1,2,4-Trichlorobenzene	0.2052 0.8483	0.2985	0.5520	0.7777	0.8629	LinF		0.8495							0.9995		0.9900
Hexachlorobutadiene	0.7738 0.6276	0.5700	0.5470	0.6729	0.6632	Ave		0.6424			0.1000	12.7		30.0			
Naphthalene	0.5286 1.3767	0.4162	0.7627	1.1379	1.4674	LinF		1.3876							0.9983		0.9900
1,2,3-Trichlorobenzene	0.1538 0.5819	0.1908	0.3711	0.5678	0.6470	LinF		0.5913							0.9975		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3235 0.3379	0.3141	0.3254	0.3330	0.3163	Ave		0.3250			0.1000	2.8		30.0			
Toluene-d8 (Surr)	0.9764 1.0883	0.9114	1.0080	1.0459	1.0253	Ave		1.0092			0.1000	6.0		30.0			
4-Bromofluorobenzene	1.1022 0.9662	1.0132	1.0197	1.0768	0.9571	Ave		1.0225			0.1000	5.7		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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	LinF	15534 8898844	69138	366126	924495	3518761	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	13918 5313401	58499	211797	530295	2124591	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	13649 6073785	60784	236996	622826	2394662	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	13430 4859826	60208	224991	573933	2028804	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	9259 2992024	37344	137259	347039	1280379	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	19881 11476169	109535	488108	1205673	4547859	1.00 500	5.00	20.0	50.0	200
Pentane	FB	LinF	803 560728	5023	21894	56600	218336	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	8158 3668608	39879	159694	415398	1499719	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	11145 5003938	49039	184383	519555	1933803	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6755 486112	32703	59352	140915	247300	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	11788 4964372	59246	193968	550987	2028964	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	20434 9346034	93891	354635	989560	3788640	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	6894 303747	11209	13692	34076	129321	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	38338 14243885	166357	618524	1660828	6017123	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	43116 15377548	182192	611621	1645573	6422009	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1375 1059422	12042	47173	111650	433642	20.0 10000	100	400	1000	4000

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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
Methyl acetate	FB	Ave	2937 1063335	14983	46034	124048	444448	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	15254 5829450	69699	268993	668042	2394935	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	17820 7325451	87433	325497	851209	3155306	20.0 10000	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	31118 12401863	156684	577338	1454686	5257850	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3953 510482	25074	49665	128089	256410	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13969 5646568	71210	246471	653911	2336951	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4836 1789474	19738	67292	197247	712842	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	31908 11130516	133978	500203	1273088	4544379	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	62381 21289750	289135	1057430	2637284	9386261	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	49119 13870829	188930	699346	1698209	5898424	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	41331 17674380	215817	804958	2042990	7569436	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	14011 6023504	73735	276995	710927	2601609	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	7971 422006	14489	18010	46832	186788	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	20205 7974840	103507	357481	921664	3395200	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3524 1072882	16052	54342	129620	481125	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	12686 4097670	46428	188171	477990	1683475	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2589 1144102	13826	57262	134511	495332	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	29880 11851835	137788	537709	1389535	4938825	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	20402 9839074	106765	400856	1098320	4102884	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	11953 5636616	59597	230209	609287	2360135	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	21133 7853229	95027	351458	928956	3356623	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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	19604 8947171	100181	356287	1014718	3714696	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	44616 14314127	190710	703865	1834858	6322402	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	17466 6654799	78953	309358	801492	2814220	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	38549 13759853	184610	670472	1707581	6220614	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	1781 1712363	9899	36754	179715	752802	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	63581 335262	115333	191921	250714	309390	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	16099 6555709	81142	292988	772726	2767896	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	16396 6932364	78944	313582	777226	2942439	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8945 3877947	39378	160012	436381	1637409	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18910 6629085	85989	312993	814297	2807726	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3661 1373229	17285	67808	171862	603280	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	40018 15226028	207895	797728	1977463	7045164	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	14054 5720947	72999	285214	696181	2466417	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	25717 11610961	138830	546581	1394000	4961940	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	5484 3936512	38078	176385	423677	1589914	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	22247 9240282	110332	445910	1114951	4237138	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	21416 9623521	115541	449334	1157271	4061718	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	125444 5429046	193441	246869	617376	2288257	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45577 13911937	205340	696243	1747025	6151684	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	20121 8207621	94132	369201	952219	3400993	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	11960 4768969	58895	232312	572825	2023395	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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	12838 5701036	65722	248785	681650	2380241	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	22322 8336221	105923	416937	1048259	3639097	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	74036 3191128	109274	137792	356037	1377040	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7564 3249943	37688	150082	387325	1421688	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	20326 9704422	105399	447672	1153097	4092361	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	19194 7765576	91780	371327	951877	3307067	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	27350 10881950	129893	533160	1342559	4697638	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	15854 6254325	76555	294526	743810	2704922	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8482 4076559	53121	190846	526078	1847310	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	28531 10584954	144209	538442	1402299	4691716	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	LinF	7269 4974967	47382	192493	548540	2051918	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	11249 5327616	68239	252249	665113	2325908	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	22257 9757075	121062	479267	1229765	4417048	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	17180 7413957	78357	296525	803858	3081155	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12172 6532969	64830	282725	717031	2672454	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	31787 12516454	156619	582220	1546233	5352888	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	LinF	3766 1216659	15736	47817	129372	493214	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	21874 7851525	98211	385608	966527	3308027	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2902 1529525	15984	65774	183194	676400	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	14180 5483745	63408	262694	666180	2305498	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	4600 1893149	24954	96223	241970	788439	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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCB	Ave	34629 13586554	172603	644835	1738494	5862476	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17666 8737779	114544	402853	1068052	3816210	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	25166 9607609	121075	429800	1176589	4044491	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	16565 8283162	80886	356768	926661	3365806	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	32850 12295999	144651	588365	1523754	5002978	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	24790 9649749	118451	433029	1135219	3824788	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	24288 10617370	120817	489362	1230311	4306760	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	13790 11767048	64348	329397	999559	4510715	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	29564 12322110	147842	554389	1507105	5052100	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	22511 9948587	114130	429817	1197428	3949939	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	15198 7153440	76866	314171	865345	2831573	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	20236 9371295	100105	390188	1076881	3834556	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	14870 9241415	84930	373371	963279	3620023	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	20870 10035414	98976	378590	1064641	3780655	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15102 8038288	86915	357910	904180	3253935	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	3638 1901941	14443	66687	170821	697923	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	6070 3470515	27176	113935	303946	1323390	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	LinF	2097 4665436	17069	127445	440208	1900906	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7907 3451371	32588	126287	380928	1460984	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	5401 7571154	23798	176097	644114	3232507	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	1572 3200178	10907	85672	321381	1425254	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.: 460-32128-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane-d4 (Surr)	FB	Ave	585209 516945	600279	608902	593796	523915	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1311362 1184558	1356237	1370932	1376149	1174123	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	563144 531351	579309	588594	609536	527081	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 12-OCT-2011 01:51
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 01:51 Cal File: j04490.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

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		2.612	2.594	(0.333)	15534	1.00000	1.0
3 Chloromethane	50		2.704	2.739	(0.345)	13918	1.00000	1.0
4 Vinyl Chloride	62		2.894	2.912	(0.369)	13649	1.00000	1.0
6 Bromomethane	94		3.286	3.293	(0.419)	13430	1.00000	1.0
5 Chloroethane	64		3.412	3.412	(0.435)	9259	1.00000	1.0
7 Trichlorofluoromethane	101		3.701	3.722	(0.472)	19881	1.00000	1.0
8 n-Pentane	72		3.802	3.787	(0.485)	803	1.00000	1.0(a)
10 Isoprene	67		4.066	4.061	(0.518)	11145	1.00000	1.0
11 Ethyl Ether	59		4.003	4.006	(0.510)	8158	1.00000	1.0
13 Acrolein	56		4.202	4.189	(0.536)	6755	4.00000	4.0
15 1,1-Dichloroethene	96		4.311	4.308	(0.550)	11788	1.00000	1.0
14 Freon TF	101		4.330	4.327	(0.552)	20434	1.00000	1.0
16 Acetone	58		4.374	4.364	(0.558)	6894	10.0000	10
17 Iodomethane	142		4.509	4.510	(0.575)	38338	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.609	4.593 (0.588)		43116	1.00000	1.0
21 Acetonitrile	39	4.746	4.702 (0.605)		1375	20.0000	20
27 Methyl Acetate	74	4.710	4.721 (0.601)		2937	1.00000	1.0
22 Methylene Chloride	84	4.856	4.866 (0.619)		15254	1.00000	1.0
24 TBA	59	4.953	4.949 (0.632)		17820	20.0000	20
25 trans-1,2-Dichloroethene	96	5.172	5.175 (0.659)		13969	1.00000	1.0
26 Acrylonitrile	53	5.172	5.148 (0.659)		3953	2.00000	2.0
28 MTBE	73	5.154	5.148 (0.657)		31118	1.00000	1.0
29 Hexane	56	5.454	5.459 (0.695)		4836	1.00000	1.0
30 1,1-Dichloroethane	63	5.673	5.677 (0.723)		31908	1.00000	1.0
31 Vinyl Acetate	43	5.710	5.686 (0.728)		49119	1.00000	1.0
32 DIPE	45	5.691	5.695 (0.726)		62381	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.156	6.130 (0.785)		41331	1.00000	1.0
37 2,2-Dichloropropane	77	6.383	6.385 (0.814)		20205	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.374	6.376 (0.813)		14011	1.00000	1.0
38 2-Butanone	72	6.383	6.385 (0.814)		7971	10.0000	10
39 Ethyl Acetate	70	6.447	6.404 (0.822)		3524	2.00000	2.0
40 Bromochloromethane	128	6.713	6.687 (0.856)		12686	1.00000	1.0
41 Tetrahydrofuran	42	6.740	6.733 (0.859)		2589	1.00000	1.0
42 Chloroform	83	6.758	6.770 (0.862)		29880	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.033	7.025 (0.897)		20402	1.00000	1.0
44 Cyclohexane	56	7.124	7.098 (0.908)		11953	1.00000	1.0
45 Carbon Tetrachloride	117	7.233	7.234 (0.922)		19604	1.00000	1.0
46 1,1-Dichloropropene	75	7.224	7.216 (0.921)		21133	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435 (0.949)		585209	50.0000	50
48 Benzene	78	7.506	7.509 (0.664)		44616	1.00000	1.0
49 1,2-Dichloroethane	62	7.541	7.536 (0.962)		17466	1.00000	1.0
51 n-Heptane	57	7.760	7.756 (0.989)		1781	1.00000	1.0(a)
50 t-Amyl-methyl-ether	73	7.586	7.600 (0.967)		38549	1.00000	1.0
* 52 Fluorobenzene	96	7.842	7.838 (1.000)		1809006	50.0000	
54 Trichloroethene	95	8.287	8.287 (1.057)		16099	1.00000	1.0
53 n-Butanol	43	8.141	8.131 (1.038)		63581	500.000	500
56 Methyl cyclohexane	83	8.552	8.522 (1.091)		8945	1.00000	1.0
55 Ethyl Acrylate	55	8.370	8.368 (1.067)		16396	1.00000	1.0
57 1,2-Dichloropropane	63	8.571	8.585 (1.093)		18910	1.00000	1.0(T)
58 Dibromomethane	93	8.745	8.730 (1.115)		14054	1.00000	1.0
59 Methyl Methacrylate	100	8.653	8.649 (1.103)		3661	1.00000	1.0
75 Propyl Acetate	43	8.726	8.704 (1.113)		40018	2.00000	2.0
68 Bromodichloromethane	83	8.882	8.885 (1.133)		25717	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.192	9.204 (1.172)		5484	1.00000	1.0
63 Epichlorohydrin	57	9.329	9.305 (0.826)		22247	20.0000	20
67 cis-1,3-Dichloropropene	75	9.402	9.396 (0.832)		21416	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.555	9.542 (0.846)		125444	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.711	9.706 (0.860)		1311362	50.0000	50
66 Toluene	91	9.792	9.779 (0.867)		45577	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.027	10.018 (0.888)		20121	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.225	10.228 (0.905)		11960	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
Report Date: 12-Oct-2011 17:26

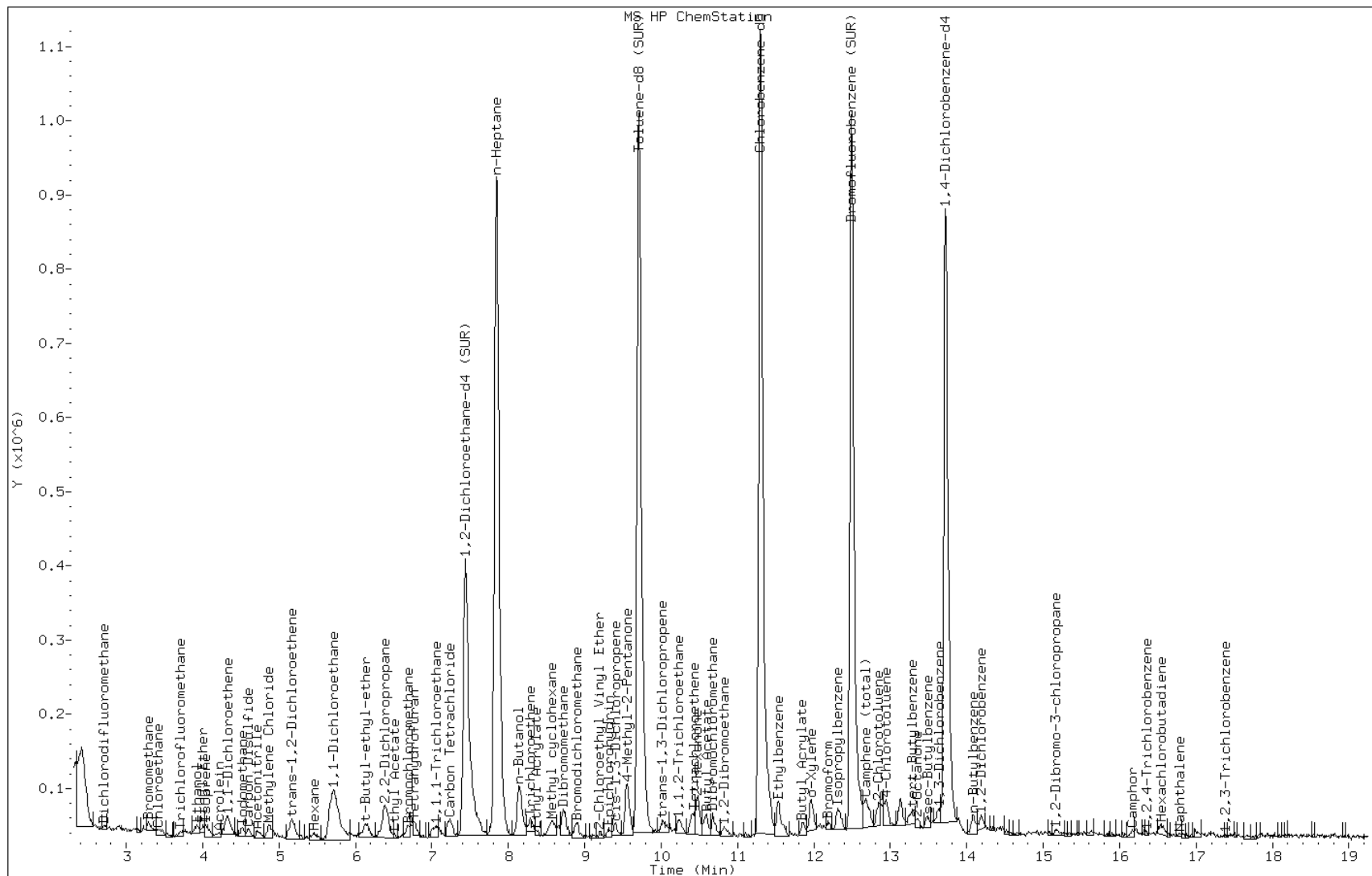
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.408	10.393	(0.921)	12838	1.00000	1.0
72 1,3-Dichloropropane	76	10.426	10.421	(0.923)	22322	1.00000	1.0
73 2-Hexanone	43	10.472	10.476	(0.927)	74036	10.0000	10
74 Dibromochloromethane	129	10.673	10.687	(0.945)	20326	1.00000	1.0
76 Butyl Acetate	73	10.600	10.586	(0.938)	7564	2.00000	2.0
77 1,2-Dibromoethane	107	10.828	10.825	(0.959)	19194	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.295	11.296	(1.000)	1343117	50.0000	
79 Chlorobenzene	112	11.341	11.323	(1.004)	27350	1.00000	1.0
80 1,1,1,2-Tetrachloroethane	131	11.405	11.403	(1.010)	15854	1.00000	1.0
81 Ethylbenzene	106	11.414	11.412	(1.011)	8482	1.00000	1.0
82 m+p-Xylene	106	11.533	11.530	(1.021)	28531	2.00000	2.0
84 o-Xylene	106	11.954	11.949	(1.058)	11249	1.00000	1.0
85 Styrene	104	11.963	11.958	(1.059)	22257	1.00000	1.0
83 Butyl Acrylate	73	11.844	11.849	(1.049)	7269	1.00000	1.0
86 Bromoform	173	12.187	12.196	(1.079)	12172	1.00000	1.0
87 Amyl Acetate	43	12.081	12.068	(0.881)	17180	1.00000	1.0
88 Isopropylbenzene	105	12.314	12.306	(1.090)	31787	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.489	12.488	(0.910)	563144	50.0000	50
90 Camphene (total)	41	12.599	12.598	(1.115)	3766	1.00000	1.0
91 Bromobenzene	156	12.672	12.672	(0.924)	14180	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.608	12.617	(0.919)	21874	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.690	12.672	(0.925)	4600	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.672	12.663	(0.924)	2902	1.00000	1.0
95 n-Propylbenzene	91	12.727	12.727	(0.928)	34629	1.00000	1.0
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	17666	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.883	12.892	(0.939)	25166	1.00000	1.0
98 4-Chlorotoluene	91	12.972	12.956	(0.945)	32850	1.00000	1.0
99 Butyl Methacrylate	87	12.935	12.929	(0.943)	16565	1.00000	1.0
100 tert-Butylbenzene	119	13.264	13.248	(0.967)	24790	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	24288	1.00000	1.0
102 2-Octanone	43	13.356	13.347	(0.973)	13790	1.00000	1.0
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	29564	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.655	(0.996)	15198	1.00000	1.0
107 p-Isopropyltoluene	119	13.628	13.621	(0.993)	22511	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.720	13.718	(1.000)	510915	50.0000	
109 1,4-Dichlorobenzene	146	13.747	13.745	(1.002)	20236	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.898	(1.013)	14870	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.081	(1.027)	20870	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.194	14.191	(1.035)	15102	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.164	15.153	(1.105)	3638	1.00000	1.0
113 Camphor	95	16.196	16.189	(1.180)	6070	5.00000	5.0
114 1,2,4-Trichlorobenzene	180	16.369	16.344	(1.193)	2097	1.00000	1.0
115 Hexachlorobutadiene	225	16.533	16.545	(1.205)	7907	1.00000	1.0
116 Naphthalene	128	16.781	16.781	(1.223)	5401	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1572	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				27980	2.00000	2.0
M 121 Xylene (Total)	100				39780	3.00000	3.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 12-OCT-2011 02:17
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:17 Cal File: j04491.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

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		2.585	2.594	(0.330)	69138	5.00000	5.0
3 Chloromethane	50		2.732	2.739	(0.348)	58499	5.00000	4.4
4 Vinyl Chloride	62		2.896	2.912	(0.369)	60784	5.00000	4.6
6 Bromomethane	94		3.294	3.293	(0.420)	60208	5.00000	4.6
5 Chloroethane	64		3.404	3.412	(0.434)	37344	5.00000	4.3
7 Trichlorofluoromethane	101		3.732	3.722	(0.476)	109535	5.00000	5.1
8 n-Pentane	72		3.760	3.787	(0.480)	5023	5.00000	5.0
10 Isoprene	67		4.061	4.061	(0.518)	49039	5.00000	4.5
11 Ethyl Ether	59		4.006	4.006	(0.511)	39879	5.00000	4.8
13 Acrolein	56		4.198	4.189	(0.536)	32703	20.0000	19
15 1,1-Dichloroethene	96		4.315	4.308	(0.550)	59246	5.00000	4.9
14 Freon TF	101		4.315	4.327	(0.550)	93891	5.00000	4.6
16 Acetone	58		4.366	4.364	(0.557)	11209	15.0000	15
17 Iodomethane	142		4.512	4.510	(0.576)	166357	5.00000	4.5

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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.603	4.593	(0.587)	182192	5.00000	4.4
21 Acetonitrile	39	4.713	4.702	(0.601)	12042	100.000	100
27 Methyl Acetate	74	4.713	4.721	(0.601)	14983	5.00000	4.9
22 Methylene Chloride	84	4.868	4.866	(0.621)	69699	5.00000	4.6
24 TBA	59	4.941	4.949	(0.630)	87433	100.000	96
25 trans-1,2-Dichloroethene	96	5.177	5.175	(0.661)	71210	5.00000	4.9
26 Acrylonitrile	53	5.152	5.148	(0.657)	25074	10.0000	11
28 MTBE	73	5.133	5.148	(0.655)	156684	5.00000	4.9
29 Hexane	56	5.451	5.459	(0.695)	19738	5.00000	4.4
30 1,1-Dichloroethane	63	5.678	5.677	(0.724)	133978	5.00000	4.4
31 Vinyl Acetate	43	5.696	5.686	(0.727)	188930	5.00000	4.9
32 DIPE	45	5.687	5.695	(0.725)	289135	5.00000	4.7
35 t-Butyl-ethyl-ether	59	6.142	6.130	(0.784)	215817	5.00000	5.0
37 2,2-Dichloropropane	77	6.389	6.385	(0.815)	103507	5.00000	4.9
36 cis-1,2-Dichloroethene	96	6.371	6.376	(0.813)	73735	5.00000	5.0
38 2-Butanone	72	6.380	6.385	(0.814)	14489	15.0000	16
39 Ethyl Acetate	70	6.435	6.404	(0.821)	16052	10.0000	9.3
40 Bromochloromethane	128	6.691	6.687	(0.854)	46428	5.00000	4.1
41 Tetrahydrofuran	42	6.746	6.733	(0.861)	13826	5.00000	5.0
42 Chloroform	83	6.764	6.770	(0.863)	137788	5.00000	4.7
43 1,1,1-Trichloroethane	97	7.029	7.025	(0.897)	106765	5.00000	5.0
44 Cyclohexane	56	7.102	7.098	(0.906)	59597	5.00000	4.8
45 Carbon Tetrachloride	117	7.238	7.234	(0.923)	100181	5.00000	4.9
46 1,1-Dichloropropene	75	7.211	7.216	(0.920)	95027	5.00000	4.6
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.431	7.435	(0.948)	600279	50.0000	49
48 Benzene	78	7.504	7.509	(0.664)	190710	5.00000	4.4
49 1,2-Dichloroethane	62	7.531	7.536	(0.961)	78953	5.00000	4.6
51 n-Heptane	57	7.756	7.756	(0.989)	9899	5.00000	5.0
50 t-Amyl-methyl-ether	73	7.603	7.600	(0.970)	184610	5.00000	4.8
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1911389	50.0000	
54 Trichloroethene	95	8.295	8.287	(1.058)	81142	5.00000	4.9
53 n-Butanol	43	8.131	8.131	(1.037)	115333	1000.00	920
56 Methyl cyclohexane	83	8.530	8.522	(1.088)	39378	5.00000	4.5
55 Ethyl Acrylate	55	8.377	8.368	(1.069)	78944	5.00000	4.8
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	85989	5.00000	4.6
58 Dibromomethane	93	8.728	8.730	(1.113)	72999	5.00000	5.0
59 Methyl Methacrylate	100	8.656	8.649	(1.104)	17285	5.00000	4.7
75 Propyl Acetate	43	8.709	8.704	(1.111)	207895	10.0000	9.9
68 Bromodichloromethane	83	8.883	8.885	(1.133)	138830	5.00000	5.0
62 2-Chloroethyl Vinyl Ether	63	9.200	9.204	(1.174)	38078	5.00000	5.7
63 Epichlorohydrin	57	9.301	9.305	(0.823)	110332	100.000	94
67 cis-1,3-Dichloropropene	75	9.390	9.396	(0.831)	115541	5.00000	4.9
70 4-Methyl-2-Pentanone	43	9.549	9.542	(0.845)	193441	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.705	9.706	(0.859)	1356237	50.0000	48
66 Toluene	91	9.786	9.779	(0.866)	205340	5.00000	4.5
64 trans-1,3-Dichloropropene	75	10.011	10.018	(0.886)	94132	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.229	10.228	(0.905)	58895	5.00000	4.7

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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.394	10.393	(0.920)	65722	5.00000	4.8
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	105923	5.00000	4.6
73 2-Hexanone	43	10.477	10.476	(0.927)	109274	15.0000	14
74 Dibromochloromethane	129	10.682	10.687	(0.945)	105399	5.00000	4.8
76 Butyl Acetate	73	10.581	10.586	(0.936)	37688	10.0000	9.5
77 1,2-Dibromoethane	107	10.829	10.825	(0.958)	91780	5.00000	4.6
* 78 Chlorobenzene-d5	117	11.301	11.296	(1.000)	1488050	50.0000	
79 Chlorobenzene	112	11.328	11.323	(1.002)	129893	5.00000	4.6
80 1,1,1,2-Tetrachloroethane	131	11.402	11.403	(1.009)	76555	5.00000	4.6
81 Ethylbenzene	106	11.418	11.412	(1.010)	53121	5.00000	5.3
82 m+p-Xylene	106	11.528	11.530	(1.020)	144209	10.0000	9.5
84 o-Xylene	106	11.954	11.949	(1.058)	68239	5.00000	5.2
85 Styrene	104	11.962	11.958	(1.059)	121062	5.00000	5.0
83 Butyl Acrylate	73	11.846	11.849	(1.048)	47382	5.00000	5.0
86 Bromoform	173	12.199	12.196	(1.079)	64830	5.00000	4.9
87 Amyl Acetate	43	12.062	12.068	(0.879)	78357	5.00000	4.5
88 Isopropylbenzene	105	12.309	12.306	(1.089)	156619	5.00000	4.7
\$ 89 Bromofluorobenzene (SUR)	174	12.492	12.488	(0.910)	579309	50.0000	48
90 Camphene (total)	41	12.584	12.598	(1.114)	15736	5.00000	4.3
91 Bromobenzene	156	12.675	12.672	(0.924)	63408	5.00000	4.4
92 1,1,2,2-Tetrachloroethane	83	12.620	12.617	(0.919)	98211	5.00000	4.4
93 1,2,3-Trichloropropane	110	12.684	12.672	(0.924)	24954	5.00000	4.9
94 trans-1,4-Dichloro-2-butene	53	12.657	12.663	(0.922)	15984	5.00000	5.0
95 n-Propylbenzene	91	12.721	12.727	(0.927)	172603	5.00000	4.7
96 2-Chlorotoluene	91	12.850	12.846	(0.936)	114544	5.00000	5.4
97 1,3,5-Trimethylbenzene	105	12.886	12.892	(0.939)	121075	5.00000	4.6
98 4-Chlorotoluene	91	12.950	12.956	(0.944)	144651	5.00000	4.4
99 Butyl Methacrylate	87	12.932	12.929	(0.942)	80886	5.00000	4.7
100 tert-Butylbenzene	119	13.239	13.248	(0.965)	118451	5.00000	4.6
101 1,2,4-Trimethylbenzene	105	13.294	13.293	(0.969)	120817	5.00000	4.7
102 2-Octanone	43	13.358	13.347	(0.973)	64348	5.00000	5.0
103 sec-Butylbenzene	105	13.477	13.483	(0.982)	147842	5.00000	4.7
105 1,3-Dichlorobenzene	146	13.651	13.655	(0.995)	76866	5.00000	4.7
107 p-Isopropyltoluene	119	13.624	13.621	(0.993)	114130	5.00000	4.8
* 108 1,4-Dichlorobenzene-d4	152	13.725	13.718	(1.000)	571735	50.0000	
109 1,4-Dichlorobenzene	146	13.743	13.745	(1.001)	100105	5.00000	4.7
110 Benzyl Chloride	91	13.890	13.898	(1.012)	84930	5.00000	5.0
106 n-Butylbenzene	91	14.080	14.081	(1.026)	98976	5.00000	4.6
111 1,2-Dichlorobenzene	146	14.189	14.191	(1.034)	86915	5.00000	5.1
112 1,2-Dibromo-3-chloropropane	75	15.165	15.153	(1.105)	14443	5.00000	4.2
113 Camphor	95	16.185	16.189	(1.179)	27176	25.0000	22
114 1,2,4-Trichlorobenzene	180	16.330	16.344	(1.190)	17069	5.00000	5.0
115 Hexachlorobutadiene	225	16.539	16.545	(1.205)	32588	5.00000	4.2
116 Naphthalene	128	16.793	16.781	(1.224)	23798	5.00000	4.9
117 1,2,3-Trichlorobenzene	180	17.194	17.192	(1.253)	10907	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				144945	10.0000	9.9
M 121 Xylene (Total)	100				212448	15.0000	15

Data File: j04491.d

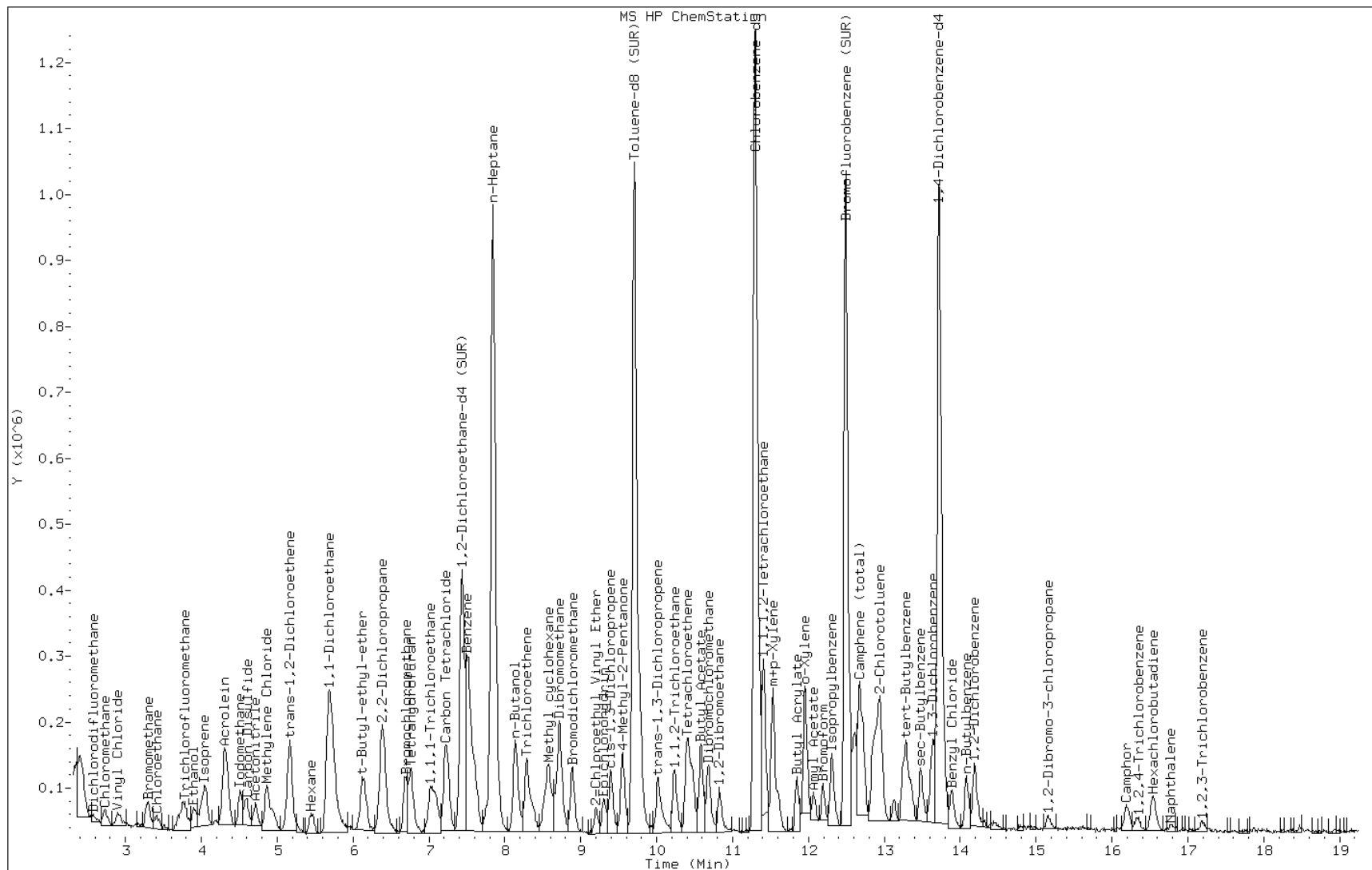
Date: 12-OCT-2011 02:17

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL2

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 12-OCT-2011 02:42
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 4 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.594	2.594	(0.331)	366126	20.0000	20
3 Chloromethane	50		2.739	2.739	(0.349)	211797	20.0000	17
4 Vinyl Chloride	62		2.912	2.912	(0.371)	236996	20.0000	19
6 Bromomethane	94		3.293	3.293	(0.420)	224991	20.0000	18
5 Chloroethane	64		3.412	3.412	(0.435)	137259	20.0000	17
7 Trichlorofluoromethane	101		3.722	3.722	(0.475)	488108	20.0000	22
8 n-Pentane	72		3.787	3.787	(0.483)	21894	20.0000	20
10 Isoprene	67		4.061	4.061	(0.518)	184383	20.0000	18
11 Ethyl Ether	59		4.006	4.006	(0.511)	159694	20.0000	20
13 Acrolein	56		4.189	4.189	(0.534)	59352	40.0000	37
15 1,1-Dichloroethene	96		4.308	4.308	(0.550)	193968	20.0000	17
14 Freon TF	101		4.327	4.327	(0.552)	354635	20.0000	18
16 Acetone	58		4.364	4.364	(0.557)	13692	20.0000	19
17 Iodomethane	142		4.510	4.510	(0.575)	618524	20.0000	18

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.593	4.593	(0.586)	611621	20.0000	16
21 Acetonitrile	39	4.702	4.702	(0.600)	47173	400.000	400
27 Methyl Acetate	74	4.721	4.721	(0.602)	46034	20.0000	17
22 Methylene Chloride	84	4.866	4.866	(0.621)	268993	20.0000	19
24 TBA	59	4.949	4.949	(0.631)	325497	400.000	380
25 trans-1,2-Dichloroethene	96	5.175	5.175	(0.660)	246471	20.0000	18
26 Acrylonitrile	53	5.148	5.148	(0.657)	49665	20.0000	21
28 MTBE	73	5.148	5.148	(0.657)	577338	20.0000	19
29 Hexane	56	5.459	5.459	(0.696)	67292	20.0000	16
30 1,1-Dichloroethane	63	5.677	5.677	(0.724)	500203	20.0000	18
31 Vinyl Acetate	43	5.686	5.686	(0.725)	699346	20.0000	20
32 DIPE	45	5.695	5.695	(0.727)	1057430	20.0000	18
35 t-Butyl-ethyl-ether	59	6.130	6.130	(0.782)	804958	20.0000	19
37 2,2-Dichloropropane	77	6.385	6.385	(0.815)	357481	20.0000	18
36 cis-1,2-Dichloroethene	96	6.376	6.376	(0.813)	276995	20.0000	19
38 2-Butanone	72	6.385	6.385	(0.815)	18010	20.0000	20
39 Ethyl Acetate	70	6.404	6.404	(0.817)	54342	40.0000	34
40 Bromochloromethane	128	6.687	6.687	(0.853)	188171	20.0000	18
41 Tetrahydrofuran	42	6.733	6.733	(0.859)	57262	20.0000	21
42 Chloroform	83	6.770	6.770	(0.864)	537709	20.0000	19
43 1,1,1-Trichloroethane	97	7.025	7.025	(0.896)	400856	20.0000	19
44 Cyclohexane	56	7.098	7.098	(0.906)	230209	20.0000	19
45 Carbon Tetrachloride	117	7.234	7.234	(0.923)	356287	20.0000	18
46 1,1-Dichloropropene	75	7.216	7.216	(0.921)	351458	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.435	(0.949)	608902	50.0000	51
48 Benzene	78	7.509	7.509	(0.665)	703865	20.0000	18
49 1,2-Dichloroethane	62	7.536	7.536	(0.961)	309358	20.0000	19
51 n-Heptane	57	7.756	7.756	(0.989)	36754	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.970)	670472	20.0000	18
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1871130	50.0000	
54 Trichloroethene	95	8.287	8.287	(1.057)	292988	20.0000	19
53 n-Butanol	43	8.131	8.131	(1.037)	191921	1500.00	1500
56 Methyl cyclohexane	83	8.522	8.522	(1.087)	160012	20.0000	19
55 Ethyl Acrylate	55	8.368	8.368	(1.067)	313582	20.0000	20
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	312993	20.0000	18
58 Dibromomethane	93	8.730	8.730	(1.114)	285214	20.0000	20
59 Methyl Methacrylate	100	8.649	8.649	(1.103)	67808	20.0000	19
75 Propyl Acetate	43	8.704	8.704	(1.110)	797728	40.0000	39
68 Bromodichloromethane	83	8.885	8.885	(1.134)	546581	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.204	9.204	(1.174)	176385	20.0000	24
63 Epichlorohydrin	57	9.305	9.305	(0.824)	445910	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.832)	449334	20.0000	21
70 4-Methyl-2-Pentanone	43	9.542	9.542	(0.845)	246869	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.706	9.706	(0.859)	1370932	50.0000	52
66 Toluene	91	9.779	9.779	(0.866)	696243	20.0000	18
64 trans-1,3-Dichloropropene	75	10.018	10.018	(0.887)	369201	20.0000	20
69 1,1,2-Trichloroethane	83	10.228	10.228	(0.905)	232312	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	248785	20.0000	20
72 1,3-Dichloropropane	76	10.421	10.421	(0.923)	416937	20.0000	20
73 2-Hexanone	43	10.476	10.476	(0.927)	137792	20.0000	20
74 Dibromochloromethane	129	10.687	10.687	(0.946)	447672	20.0000	22
76 Butyl Acetate	73	10.586	10.586	(0.937)	150082	40.0000	41
77 1,2-Dibromoethane	107	10.825	10.825	(0.958)	371327	20.0000	20
* 78 Chlorobenzene-d5	117	11.296	11.296	(1.000)	1360082	50.0000	
79 Chlorobenzene	112	11.323	11.323	(1.002)	533160	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	294526	20.0000	20
81 Ethylbenzene	106	11.412	11.412	(1.010)	190846	20.0000	20
82 m+p-Xylene	106	11.530	11.530	(1.021)	538442	40.0000	39
84 o-Xylene	106	11.949	11.949	(1.058)	252249	20.0000	21
85 Styrene	104	11.958	11.958	(1.059)	479267	20.0000	21
83 Butyl Acrylate	73	11.849	11.849	(1.049)	192493	20.0000	20
86 Bromoform	173	12.196	12.196	(1.080)	282725	20.0000	22
87 Amyl Acetate	43	12.068	12.068	(0.880)	296525	20.0000	18
88 Isopropylbenzene	105	12.306	12.306	(1.089)	582220	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	12.488	12.488	(0.910)	588594	50.0000	49
90 Camphene (total)	41	12.598	12.598	(1.115)	47817	20.0000	16
91 Bromobenzene	156	12.672	12.672	(0.924)	262694	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	12.617	12.617	(0.920)	385608	20.0000	18
93 1,2,3-Trichloropropane	110	12.672	12.672	(0.924)	96223	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.663	12.663	(0.923)	65774	20.0000	20
95 n-Propylbenzene	91	12.727	12.727	(0.928)	644835	20.0000	18
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	402853	20.0000	19
97 1,3,5-Trimethylbenzene	105	12.892	12.892	(0.940)	429800	20.0000	17
98 4-Chlorotoluene	91	12.956	12.956	(0.944)	588365	20.0000	18
99 Butyl Methacrylate	87	12.929	12.929	(0.942)	356768	20.0000	20
100 tert-Butylbenzene	119	13.248	13.248	(0.966)	433029	20.0000	18
101 1,2,4-Trimethylbenzene	105	13.293	13.293	(0.969)	489362	20.0000	19
102 2-Octanone	43	13.347	13.347	(0.973)	329397	20.0000	20
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	554389	20.0000	18
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	314171	20.0000	19
107 p-Isopropyltoluene	119	13.621	13.621	(0.993)	429817	20.0000	18
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	577199	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	390188	20.0000	19
110 Benzyl Chloride	91	13.898	13.898	(1.013)	373371	20.0000	21
106 n-Butylbenzene	91	14.081	14.081	(1.026)	378590	20.0000	18
111 1,2-Dichlorobenzene	146	14.191	14.191	(1.034)	357910	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	15.153	15.153	(1.105)	66687	20.0000	19
113 Camphor	95	16.189	16.189	(1.180)	113935	100.000	95
114 1,2,4-Trichlorobenzene	180	16.344	16.344	(1.191)	127445	20.0000	20
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	126287	20.0000	17
116 Naphthalene	128	16.781	16.781	(1.223)	176097	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.192	17.192	(1.253)	85672	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				523466	40.0000	38
M 121 Xylene (Total)	100				790691	60.0000	60

Data File: j04492.d

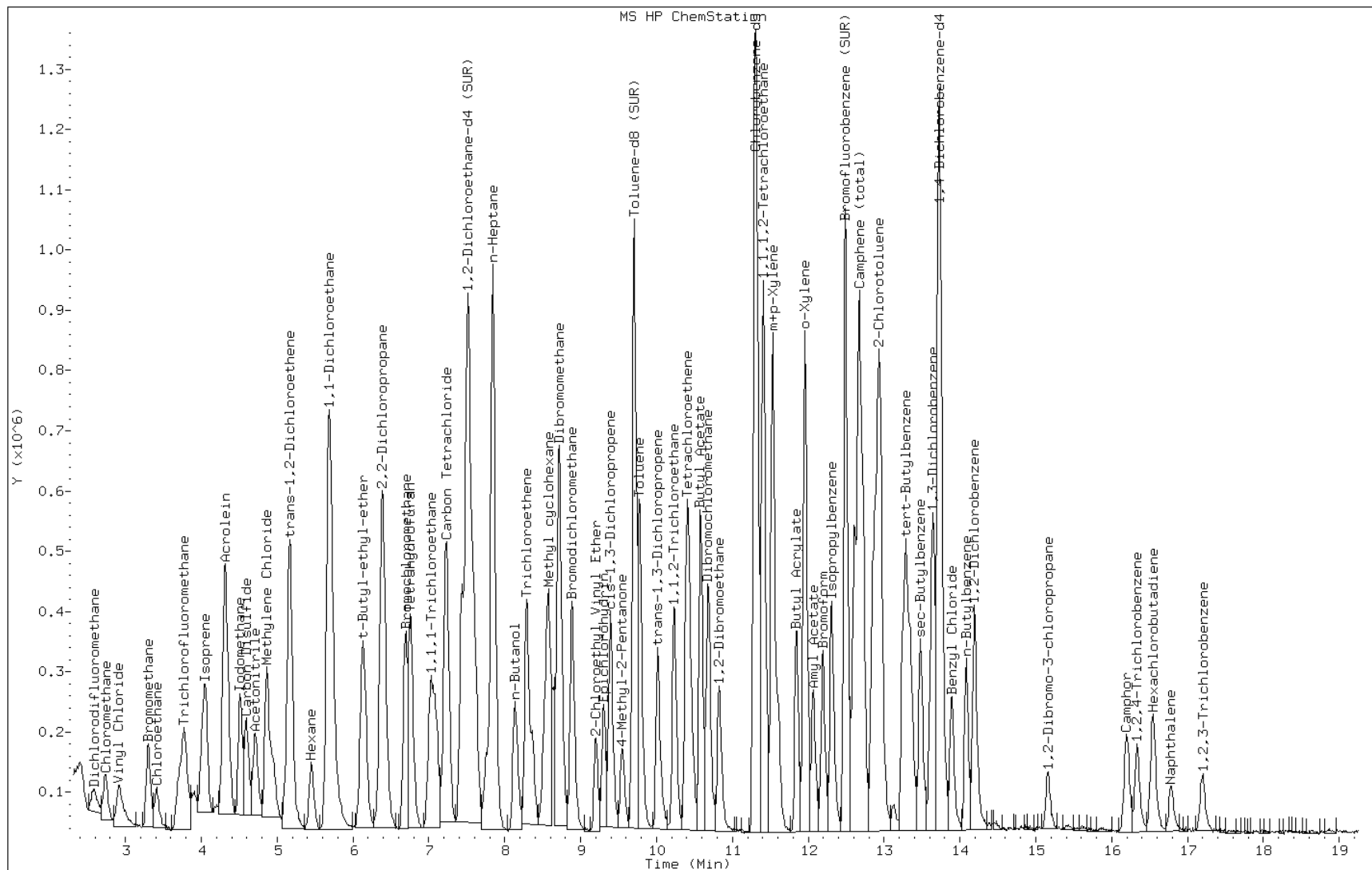
Date: 12-OCT-2011 02:42

Client ID:

Instrument: VOAMS8.i

Sample Info: ICIS-VMCAL3

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 12-OCT-2011 03:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

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		2.577	2.594	(0.328)	924495	50.0000	50
3 Chloromethane	50		2.742	2.739	(0.349)	530295	50.0000	47
4 Vinyl Chloride	62		2.933	2.912	(0.374)	622826	50.0000	51
6 Bromomethane	94		3.304	3.293	(0.421)	573933	50.0000	49
5 Chloroethane	64		3.412	3.412	(0.435)	347039	50.0000	47
7 Trichlorofluoromethane	101		3.714	3.722	(0.473)	1205673	50.0000	55
8 n-Pentane	72		3.769	3.787	(0.480)	56600	50.0000	50
10 Isoprene	67		4.052	4.061	(0.516)	519555	50.0000	53
11 Ethyl Ether	59		4.007	4.006	(0.510)	415398	50.0000	53
13 Acrolein	56		4.190	4.189	(0.534)	140915	100.000	94
15 1,1-Dichloroethene	96		4.316	4.308	(0.550)	550987	50.0000	51
14 Freon TF	101		4.325	4.327	(0.551)	989560	50.0000	53
16 Acetone	58		4.362	4.364	(0.556)	34076	50.0000	50
17 Iodomethane	142		4.514	4.510	(0.575)	1660828	50.0000	50

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.585)	1645573	50.0000	48
21 Acetonitrile	39	4.704	4.702	(0.599)	111650	1000.00	1000
27 Methyl Acetate	74	4.712	4.721	(0.600)	124048	50.0000	48
22 Methylene Chloride	84	4.865	4.866	(0.620)	668042	50.0000	49
24 TBA	59	4.954	4.949	(0.631)	851209	1000.00	1000
25 trans-1,2-Dichloroethene	96	5.172	5.175	(0.659)	653911	50.0000	50
26 Acrylonitrile	53	5.144	5.148	(0.655)	128089	50.0000	56
28 MTBE	73	5.153	5.148	(0.657)	1454686	50.0000	50
29 Hexane	56	5.452	5.459	(0.695)	197247	50.0000	50
30 1,1-Dichloroethane	63	5.671	5.677	(0.722)	1273088	50.0000	48
31 Vinyl Acetate	43	5.689	5.686	(0.725)	1698209	50.0000	50
32 DIPE	45	5.698	5.695	(0.726)	2637284	50.0000	48
35 t-Butyl-ethyl-ether	59	6.135	6.130	(0.782)	2042990	50.0000	51
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	921664	50.0000	49
36 cis-1,2-Dichloroethene	96	6.381	6.376	(0.813)	710927	50.0000	52
38 2-Butanone	72	6.381	6.385	(0.813)	46832	50.0000	54
39 Ethyl Acetate	70	6.418	6.404	(0.818)	129620	100.000	89
40 Bromochloromethane	128	6.683	6.687	(0.851)	477990	50.0000	48
41 Tetrahydrofuran	42	6.729	6.733	(0.857)	134511	50.0000	51
42 Chloroform	83	6.757	6.770	(0.861)	1389535	50.0000	51
43 1,1,1-Trichloroethane	97	7.021	7.025	(0.894)	1098320	50.0000	54
44 Cyclohexane	56	7.085	7.098	(0.903)	609287	50.0000	53
45 Carbon Tetrachloride	117	7.240	7.234	(0.922)	1014718	50.0000	54
46 1,1-Dichloropropene	75	7.223	7.216	(0.920)	928956	50.0000	50
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.429	7.435	(0.947)	593796	50.0000	51
48 Benzene	78	7.512	7.509	(0.665)	1834858	50.0000	50
49 1,2-Dichloroethane	62	7.530	7.536	(0.959)	801492	50.0000	51
51 n-Heptane	57	7.759	7.756	(0.989)	179715	50.0000	52
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.968)	1707581	50.0000	49
* 52 Fluorobenzene	96	7.849	7.838	(1.000)	1783334	50.0000	
54 Trichloroethene	95	8.294	8.287	(1.057)	772726	50.0000	51
53 n-Butanol	43	8.131	8.131	(1.036)	250714	2000.00	2100
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	436381	50.0000	54
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	777226	50.0000	51
57 1,2-Dichloropropane	63	8.568	8.585	(1.092)	814297	50.0000	49
58 Dibromomethane	93	8.724	8.730	(1.111)	696181	50.0000	51
59 Methyl Methacrylate	100	8.651	8.649	(1.102)	171862	50.0000	51
75 Propyl Acetate	43	8.706	8.704	(1.109)	1977463	100.000	100
68 Bromodichloromethane	83	8.887	8.885	(1.132)	1394000	50.0000	53
62 2-Chloroethyl Vinyl Ether	63	9.199	9.204	(1.172)	423677	50.0000	58
63 Epichlorohydrin	57	9.300	9.305	(0.823)	1114951	1000.00	1000
67 cis-1,3-Dichloropropene	75	9.401	9.396	(0.832)	1157271	50.0000	54
70 4-Methyl-2-Pentanone	43	9.556	9.542	(0.846)	617376	50.0000	51
\$ 65 Toluene-d8 (SUR)	98	9.710	9.706	(0.859)	1376149	50.0000	53
66 Toluene	91	9.783	9.779	(0.866)	1747025	50.0000	47
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.887)	952219	50.0000	52
69 1,1,2-Trichloroethane	83	10.237	10.228	(0.906)	572825	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	681650	50.0000	55
72 1,3-Dichloropropane	76	10.421	10.421	(0.922)	1048259	50.0000	51
73 2-Hexanone	43	10.476	10.476	(0.927)	356037	50.0000	52
74 Dibromochloromethane	129	10.687	10.687	(0.946)	1153097	50.0000	55
76 Butyl Acetate	73	10.586	10.586	(0.937)	387325	100.000	110
77 1,2-Dibromoethane	107	10.824	10.825	(0.958)	951877	50.0000	53
* 78 Chlorobenzene-d5	117	11.300	11.296	(1.000)	1315775	50.0000	
79 Chlorobenzene	112	11.325	11.323	(1.002)	1342559	50.0000	52
80 1,1,1,2-Tetrachloroethane	131	11.408	11.403	(1.010)	743810	50.0000	51
81 Ethylbenzene	106	11.417	11.412	(1.010)	526078	50.0000	56
82 m+p-Xylene	106	11.532	11.530	(1.021)	1402299	100.000	100
84 o-Xylene	106	11.946	11.949	(1.057)	665113	50.0000	55
85 Styrene	104	11.964	11.958	(1.059)	1229765	50.0000	54
83 Butyl Acrylate	73	11.838	11.849	(1.048)	548540	50.0000	51
86 Bromoform	173	12.190	12.196	(1.079)	717031	50.0000	56
87 Amyl Acetate	43	12.065	12.068	(0.879)	803858	50.0000	49
88 Isopropylbenzene	105	12.309	12.306	(1.089)	1546233	50.0000	52
\$ 89 Bromofluorobenzene (SUR)	174	12.490	12.488	(0.910)	609536	50.0000	51
90 Camphene (total)	41	12.597	12.598	(1.115)	129372	50.0000	46
91 Bromobenzene	156	12.671	12.672	(0.924)	666180	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	12.616	12.617	(0.920)	966527	50.0000	47
93 1,2,3-Trichloropropane	110	12.680	12.672	(0.924)	241970	50.0000	49
94 trans-1,4-Dichloro-2-butene	53	12.671	12.663	(0.924)	183194	50.0000	55
95 n-Propylbenzene	91	12.724	12.727	(0.928)	1738494	50.0000	50
96 2-Chlorotoluene	91	12.844	12.846	(0.936)	1068052	50.0000	51
97 1,3,5-Trimethylbenzene	105	12.889	12.892	(0.940)	1176589	50.0000	49
98 4-Chlorotoluene	91	12.954	12.956	(0.944)	1523754	50.0000	49
99 Butyl Methacrylate	87	12.926	12.929	(0.942)	926661	50.0000	53
100 tert-Butylbenzene	119	13.246	13.248	(0.966)	1135219	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	1230311	50.0000	49
102 2-Octanone	43	13.347	13.347	(0.973)	999559	50.0000	51
103 sec-Butylbenzene	105	13.484	13.483	(0.983)	1507105	50.0000	50
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	865345	50.0000	53
107 p-Isopropyltoluene	119	13.620	13.621	(0.993)	1197428	50.0000	52
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	566059	50.0000	
109 1,4-Dichlorobenzene	146	13.746	13.745	(1.002)	1076881	50.0000	52
110 Benzyl Chloride	91	13.888	13.898	(1.012)	963279	50.0000	54
106 n-Butylbenzene	91	14.079	14.081	(1.026)	1064641	50.0000	52
111 1,2-Dichlorobenzene	146	14.199	14.191	(1.035)	904180	50.0000	52
112 1,2-Dibromo-3-chloropropane	75	15.155	15.153	(1.105)	170821	50.0000	50
113 Camphor	95	16.204	16.189	(1.181)	303946	250.000	260
114 1,2,4-Trichlorobenzene	180	16.332	16.344	(1.191)	440208	50.0000	52
115 Hexachlorobutadiene	225	16.549	16.545	(1.206)	380928	50.0000	52
116 Naphthalene	128	16.777	16.781	(1.223)	644114	50.0000	52
117 1,2,3-Trichlorobenzene	180	17.202	17.192	(1.254)	321381	50.0000	52
M 120 1,2-Dichloroethene (Total)	100				1364838	100.000	100
M 121 Xylene (Total)	100				2067412	150.000	160

Data File: j04493.d

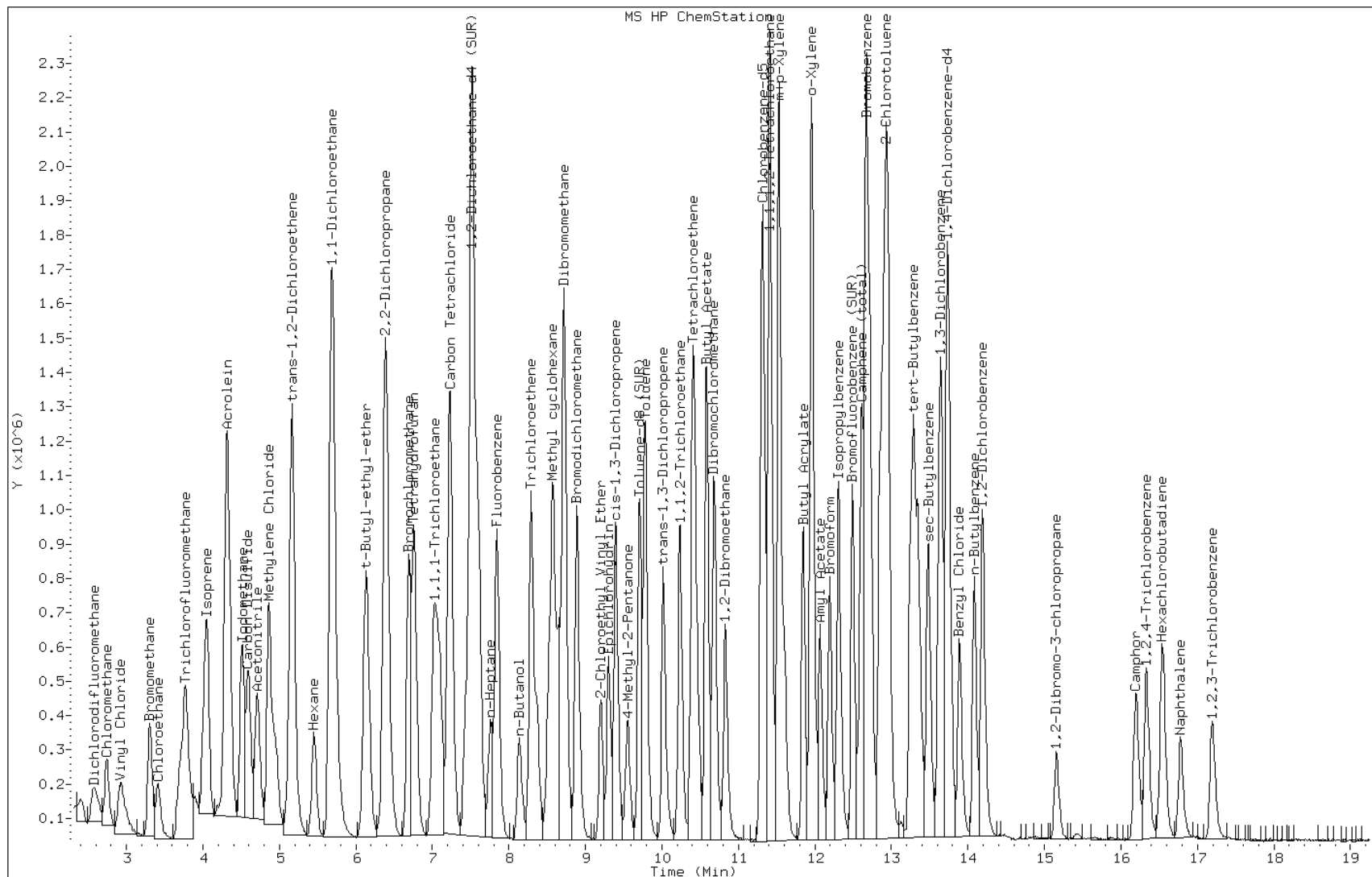
Date: 12-OCT-2011 03:07

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 12-OCT-2011 03:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 6 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.574	2.594	(0.328)	3518761	200.000	200
3 Chloromethane	50		2.756	2.739	(0.351)	2124591	200.000	200
4 Vinyl Chloride	62		2.947	2.912	(0.376)	2394662	200.000	210
6 Bromomethane	94		3.310	3.293	(0.422)	2028804	200.000	190
5 Chloroethane	64		3.420	3.412	(0.436)	1280379	200.000	190
7 Trichlorofluoromethane	101		3.730	3.722	(0.475)	4547859	200.000	220
8 n-Pentane	72		3.776	3.787	(0.481)	218336	200.000	200
10 Isoprene	67		4.049	4.061	(0.516)	1933803	200.000	210
11 Ethyl Ether	59		4.004	4.006	(0.510)	1499719	200.000	200
13 Acrolein	56		4.187	4.189	(0.534)	247300	200.000	180
15 1,1-Dichloroethene	96		4.306	4.308	(0.549)	2028964	200.000	200
14 Freon TF	101		4.315	4.327	(0.550)	3788640	200.000	220
16 Acetone	58		4.351	4.364	(0.555)	129321	200.000	200
17 Iodomethane	142		4.513	4.510	(0.575)	6017123	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.586)	6422009	200.000	200
21 Acetonitrile	39	4.695	4.702	(0.598)	433642	4000.00	4000
27 Methyl Acetate	74	4.714	4.721	(0.601)	444448	200.000	190
22 Methylene Chloride	84	4.858	4.866	(0.619)	2394935	200.000	190
24 TBA	59	4.949	4.949	(0.631)	3155306	4000.00	4100
25 trans-1,2-Dichloroethene	96	5.169	5.175	(0.659)	2336951	200.000	200
26 Acrylonitrile	53	5.142	5.148	(0.655)	256410	100.000	120
28 MTBE	73	5.151	5.148	(0.656)	5257850	200.000	200
29 Hexane	56	5.443	5.459	(0.694)	712842	200.000	200
30 1,1-Dichloroethane	63	5.671	5.677	(0.723)	4544379	200.000	190
31 Vinyl Acetate	43	5.690	5.686	(0.725)	5898424	200.000	200
32 DIPE	45	5.690	5.695	(0.725)	9386261	200.000	190
35 t-Butyl-ethyl-ether	59	6.136	6.130	(0.782)	7569436	200.000	200
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	3395200	200.000	200
36 cis-1,2-Dichloroethene	96	6.372	6.376	(0.812)	2601609	200.000	200
38 2-Butanone	72	6.372	6.385	(0.812)	186788	200.000	220
39 Ethyl Acetate	70	6.417	6.404	(0.818)	481125	400.000	360
40 Bromochloromethane	128	6.682	6.687	(0.852)	1683475	200.000	180
41 Tetrahydrofuran	42	6.737	6.733	(0.859)	495332	200.000	200(A)
42 Chloroform	83	6.765	6.770	(0.862)	4938825	200.000	200
43 1,1,1-Trichloroethane	97	7.028	7.025	(0.896)	4102884	200.000	210
44 Cyclohexane	56	7.098	7.098	(0.905)	2360135	200.000	220
45 Carbon Tetrachloride	117	7.236	7.234	(0.922)	3714696	200.000	210
46 1,1-Dichloropropene	75	7.217	7.216	(0.920)	3356623	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.436	7.435	(0.948)	523915	50.0000	49
48 Benzene	78	7.509	7.509	(0.664)	6322402	200.000	200
49 1,2-Dichloroethane	62	7.527	7.536	(0.959)	2814220	200.000	190
51 n-Heptane	57	7.755	7.756	(0.988)	752802	200.000	200
50 t-Amyl-methyl-ether	73	7.599	7.600	(0.968)	6220614	200.000	190
* 52 Fluorobenzene	96	7.847	7.838	(1.000)	1656642	50.0000	
54 Trichloroethene	95	8.285	8.287	(1.056)	2767896	200.000	200
53 n-Butanol	43	8.130	8.131	(1.036)	309390	2500.00	2700
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	1637409	200.000	210
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	2942439	200.000	200
57 1,2-Dichloropropane	63	8.576	8.585	(1.093)	2807726	200.000	190
58 Dibromomethane	93	8.723	8.730	(1.112)	2466417	200.000	190
59 Methyl Methacrylate	100	8.659	8.649	(1.104)	603280	200.000	190
75 Propyl Acetate	43	8.705	8.704	(1.109)	7045164	400.000	390
68 Bromodichloromethane	83	8.888	8.885	(1.133)	4961940	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.198	9.204	(1.172)	1589914	200.000	220
63 Epichlorohydrin	57	9.307	9.305	(0.824)	4237138	4000.00	4400
67 cis-1,3-Dichloropropene	75	9.398	9.396	(0.832)	4061718	200.000	210
70 4-Methyl-2-Pentanone	43	9.554	9.542	(0.845)	2288257	200.000	220
\$ 65 Toluene-d8 (SUR)	98	9.708	9.706	(0.859)	1174123	50.0000	52
66 Toluene	91	9.781	9.779	(0.865)	6151684	200.000	190
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.886)	3400993	200.000	210
69 1,1,2-Trichloroethane	83	10.230	10.228	(0.905)	2023395	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.395	10.393	(0.920)	2380241	200.000	220
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	3639097	200.000	200
73 2-Hexanone	43	10.477	10.476	(0.927)	1377040	200.000	220
74 Dibromochloromethane	129	10.688	10.687	(0.946)	4092361	200.000	220
76 Butyl Acetate	73	10.578	10.586	(0.936)	1421688	400.000	440
77 1,2-Dibromoethane	107	10.826	10.825	(0.958)	3307067	200.000	210
* 78 Chlorobenzene-d5	117	11.302	11.296	(1.000)	1145191	50.0000	
79 Chlorobenzene	112	11.329	11.323	(1.002)	4697638	200.000	210
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	2704922	200.000	210
81 Ethylbenzene	106	11.412	11.412	(1.010)	1847310	200.000	220
82 m+p-Xylene	106	11.532	11.530	(1.020)	4691716	400.000	400
84 o-Xylene	106	11.949	11.949	(1.057)	2325908	200.000	220
85 Styrene	104	11.966	11.958	(1.059)	4417048	200.000	220
83 Butyl Acrylate	73	11.848	11.849	(1.048)	2051918	200.000	200
86 Bromoform	173	12.191	12.196	(1.079)	2672454	200.000	230
87 Amyl Acetate	43	12.072	12.068	(0.880)	3081155	200.000	200
88 Isopropylbenzene	105	12.311	12.306	(1.089)	5352888	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.493	12.488	(0.911)	527081	50.0000	46
90 Camphene (total)	41	12.594	12.598	(1.114)	493214	200.000	200
91 Bromobenzene	156	12.668	12.672	(0.923)	2305498	200.000	180
92 1,1,2,2-Tetrachloroethane	83	12.622	12.617	(0.920)	3308027	200.000	170
93 1,2,3-Trichloropropane	110	12.686	12.672	(0.925)	788439	200.000	170
94 trans-1,4-Dichloro-2-butene	53	12.668	12.663	(0.923)	676400	200.000	210
95 n-Propylbenzene	91	12.723	12.727	(0.927)	5862476	200.000	180
96 2-Chlorotoluene	91	12.851	12.846	(0.937)	3816210	200.000	190
97 1,3,5-Trimethylbenzene	105	12.888	12.892	(0.939)	4044491	200.000	180
98 4-Chlorotoluene	91	12.952	12.956	(0.944)	5002978	200.000	170
99 Butyl Methacrylate	87	12.925	12.929	(0.942)	3365806	200.000	200
100 tert-Butylbenzene	119	13.250	13.248	(0.966)	3824788	200.000	170
101 1,2,4-Trimethylbenzene	105	13.296	13.293	(0.969)	4306760	200.000	180
102 2-Octanone	43	13.348	13.347	(0.973)	4510715	200.000	200(A)
103 sec-Butylbenzene	105	13.481	13.483	(0.983)	5052100	200.000	180
105 1,3-Dichlorobenzene	146	13.654	13.655	(0.995)	2831573	200.000	180
107 p-Isopropyltoluene	119	13.617	13.621	(0.993)	3949939	200.000	180
* 108 1,4-Dichlorobenzene-d4	152	13.719	13.718	(1.000)	550719	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	3834556	200.000	190
110 Benzyl Chloride	91	13.892	13.898	(1.013)	3620023	200.000	210
106 n-Butylbenzene	91	14.085	14.081	(1.027)	3780655	200.000	190
111 1,2-Dichlorobenzene	146	14.195	14.191	(1.035)	3253935	200.000	190
112 1,2-Dibromo-3-chloropropane	75	15.151	15.153	(1.104)	697923	200.000	210
113 Camphor	95	16.197	16.189	(1.181)	1323390	1000.00	1100
114 1,2,4-Trichlorobenzene	180	16.335	16.344	(1.191)	1900906	200.000	200
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	1460984	200.000	200
116 Naphthalene	128	16.777	16.781	(1.223)	3232507	200.000	200
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1425254	200.000	200
M 120 1,2-Dichloroethene (Total)	100				4938560	400.000	400
M 121 Xylene (Total)	100				7017624	600.000	620

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Data File: j04494.d

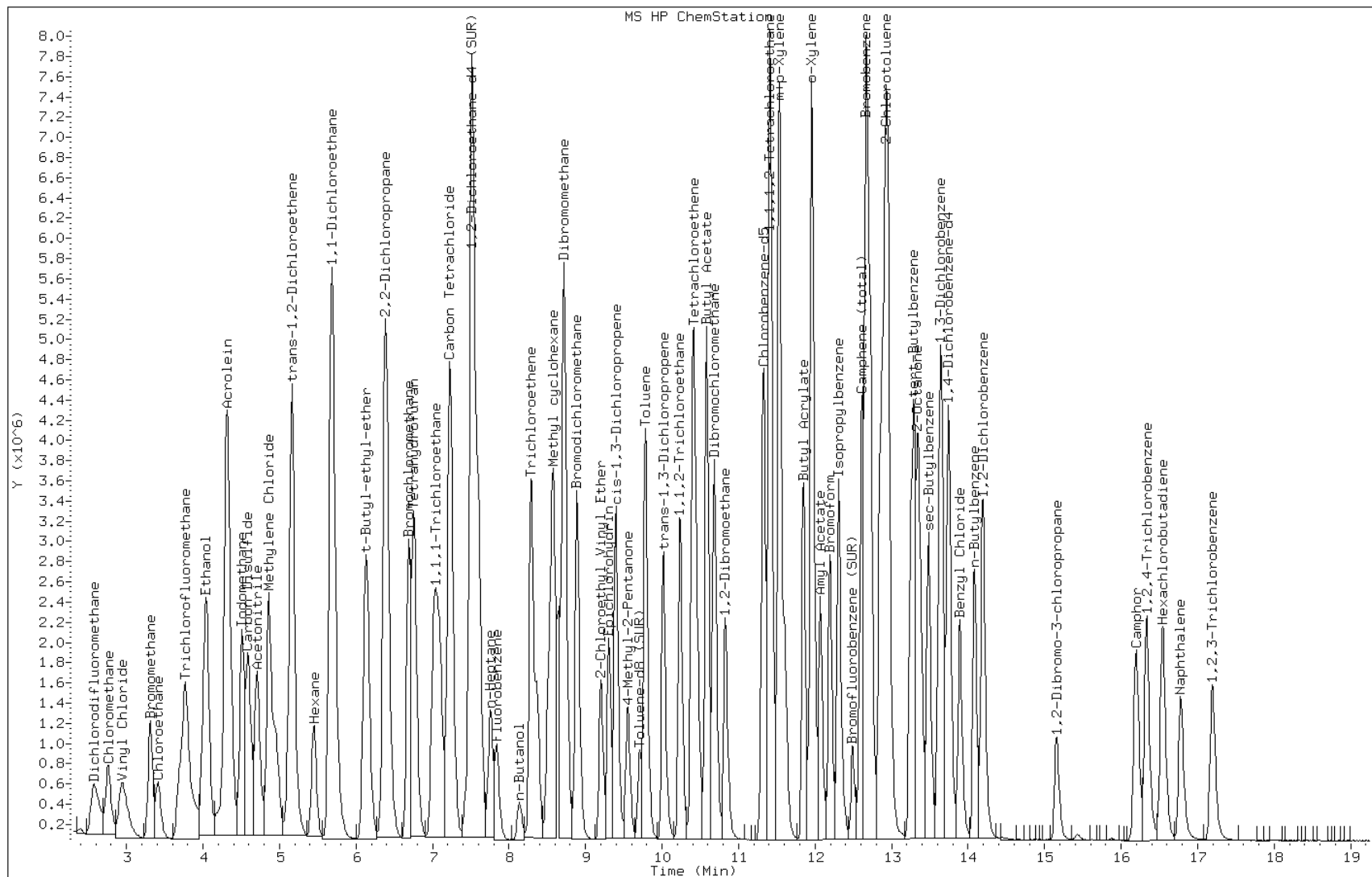
Date: 12-OCT-2011 03:32

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 12-OCT-2011 03:56
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.d
 Als bottle: 7 Calibration Sample, Level: 6
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.576	2.594	(0.328)	8898844	500.000	510(A)
3 Chloromethane	50		2.794	2.739	(0.356)	5313401	500.000	540(A)
4 Vinyl Chloride	62		2.959	2.912	(0.377)	6073785	500.000	560(A)
6 Bromomethane	94		3.323	3.293	(0.423)	4859826	500.000	490
5 Chloroethane	64		3.424	3.412	(0.436)	2992024	500.000	480
7 Trichlorofluoromethane	101		3.751	3.722	(0.478)	11476169	500.000	580(A)
8 n-Pentane	72		3.778	3.787	(0.481)	560728	500.000	510(A)
10 Isoprene	67		4.057	4.061	(0.517)	5003938	500.000	570(A)
11 Ethyl Ether	59		4.011	4.006	(0.511)	3668608	500.000	530(A)
13 Acrolein	56		4.192	4.189	(0.534)	486112	400.000	390
15 1,1-Dichloroethene	96		4.321	4.308	(0.550)	4964372	500.000	530(A)
14 Freon TF	101		4.330	4.327	(0.552)	9346034	500.000	560(A)
16 Acetone	58		4.376	4.364	(0.557)	303747	500.000	520(A)
17 Iodomethane	142		4.519	4.510	(0.576)	14243885	500.000	500(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.601	4.593 (0.586)		15377548	500.000	510(A)
21 Acetonitrile	39	4.711	4.702 (0.600)		1059422	10000.0	10000(A)
27 Methyl Acetate	74	4.721	4.721 (0.601)		1063335	500.000	490
22 Methylene Chloride	84	4.867	4.866 (0.620)		5829450	500.000	500(A)
24 TBA	59	4.968	4.949 (0.633)		7325451	10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.177	5.175 (0.659)		5646568	500.000	510(A)
26 Acrylonitrile	53	5.159	5.148 (0.657)		510482	200.000	240(A)
28 MTBE	73	5.159	5.148 (0.657)		12401863	500.000	500
29 Hexane	56	5.458	5.459 (0.695)		1789474	500.000	530(A)
30 1,1-Dichloroethane	63	5.681	5.677 (0.724)		11130516	500.000	500
31 Vinyl Acetate	43	5.699	5.686 (0.726)		13870829	500.000	500(A)
32 DIPE	45	5.707	5.695 (0.727)		21289750	500.000	470
35 t-Butyl-ethyl-ether	59	6.145	6.130 (0.783)		17674380	500.000	510(A)
37 2,2-Dichloropropane	77	6.401	6.385 (0.815)		7974840	500.000	500
36 cis-1,2-Dichloroethene	96	6.383	6.376 (0.813)		6023504	500.000	510(A)
38 2-Butanone	72	6.392	6.385 (0.814)		422006	500.000	540(A)
39 Ethyl Acetate	70	6.429	6.404 (0.819)		1072882	1000.00	900
40 Bromochloromethane	128	6.693	6.687 (0.852)		4097670	500.000	490
41 Tetrahydrofuran	42	6.748	6.733 (0.860)		1144102	500.000	500(A)
42 Chloroform	83	6.766	6.770 (0.862)		11851835	500.000	510(A)
43 1,1,1-Trichloroethane	97	7.032	7.025 (0.896)		9839074	500.000	540(A)
44 Cyclohexane	56	7.106	7.098 (0.905)		5636616	500.000	550(A)
45 Carbon Tetrachloride	117	7.251	7.234 (0.924)		8947171	500.000	540(A)
46 1,1-Dichloropropene	75	7.232	7.216 (0.921)		7853229	500.000	500
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435 (0.948)		516945	50.0000	52
48 Benzene	78	7.515	7.509 (0.665)		14314127	500.000	470
49 1,2-Dichloroethane	62	7.543	7.536 (0.961)		6654799	500.000	500
51 n-Heptane	57	7.759	7.756 (0.988)		1712363	500.000	500
50 t-Amyl-methyl-ether	73	7.607	7.600 (0.969)		13759853	500.000	470
* 52 Fluorobenzene	96	7.851	7.838 (1.000)		1530088	50.0000	
54 Trichloroethene	95	8.296	8.287 (1.057)		6555709	500.000	500(A)
53 n-Butanol	43	8.150	8.131 (1.038)		335262	3000.00	3200(A)
56 Methyl cyclohexane	83	8.534	8.522 (1.087)		3877947	500.000	540(A)
55 Ethyl Acrylate	55	8.378	8.368 (1.067)		6932364	500.000	520(A)
57 1,2-Dichloropropane	63	8.588	8.585 (1.094)		6629085	500.000	480
58 Dibromomethane	93	8.734	8.730 (1.113)		5720947	500.000	490
59 Methyl Methacrylate	100	8.661	8.649 (1.103)		1373229	500.000	480
75 Propyl Acetate	43	8.716	8.704 (1.110)		15226028	1000.00	930
68 Bromodichloromethane	83	8.898	8.885 (1.133)		11610961	500.000	510(A)
62 2-Chloroethyl Vinyl Ether	63	9.210	9.204 (1.173)		3936512	500.000	580(A)
63 Epichlorohydrin	57	9.310	9.305 (0.824)		9240282	10000.0	10000(A)
67 cis-1,3-Dichloropropene	75	9.400	9.396 (0.832)		9623521	500.000	520(A)
70 4-Methyl-2-Pentanone	43	9.556	9.542 (0.846)		5429046	500.000	530(A)
\$ 65 Toluene-d8 (SUR)	98	9.712	9.706 (0.859)		1184558	50.0000	54
66 Toluene	91	9.784	9.779 (0.866)		13911937	500.000	460
64 trans-1,3-Dichloropropene	75	10.020	10.018 (0.887)		8207621	500.000	530(A)
69 1,1,2-Trichloroethane	83	10.240	10.228 (0.906)		4768969	500.000	510(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.396	10.393	(0.920)	5701036	500.000	530(A)
72 1,3-Dichloropropane	76	10.433	10.421	(0.923)	8336221	500.000	490
73 2-Hexanone	43	10.479	10.476	(0.927)	3191128	500.000	540(A)
74 Dibromochloromethane	129	10.689	10.687	(0.946)	9704422	500.000	540(A)
76 Butyl Acetate	73	10.589	10.586	(0.937)	3249943	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.825	(0.959)	7765576	500.000	510(A)
* 78 Chlorobenzene-d5	117	11.301	11.296	(1.000)	1088402	50.0000	
79 Chlorobenzene	112	11.336	11.323	(1.003)	10881950	500.000	510(A)
80 1,1,1,2-Tetrachloroethane	131	11.409	11.403	(1.010)	6254325	500.000	510(A)
81 Ethylbenzene	106	11.419	11.412	(1.010)	4076559	500.000	510(A)
82 m+p-Xylene	106	11.536	11.530	(1.021)	10584954	1000.00	960
84 o-Xylene	106	11.955	11.949	(1.058)	5327616	500.000	520(A)
85 Styrene	104	11.965	11.958	(1.059)	9757075	500.000	500(A)
83 Butyl Acrylate	73	11.845	11.849	(1.048)	4974967	500.000	500(A)
86 Bromoform	173	12.202	12.196	(1.080)	6532969	500.000	570(A)
87 Amyl Acetate	43	12.074	12.068	(0.880)	7413957	500.000	480
88 Isopropylbenzene	105	12.312	12.306	(1.089)	12516454	500.000	510(A)
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.488	(0.910)	531351	50.0000	47
90 Camphene (total)	41	12.597	12.598	(1.115)	1216659	500.000	510(A)
91 Bromobenzene	156	12.670	12.672	(0.923)	5483745	500.000	440
92 1,1,2,2-Tetrachloroethane	83	12.624	12.617	(0.920)	7851525	500.000	420(A)
93 1,2,3-Trichloropropane	110	12.689	12.672	(0.924)	1893149	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.680	12.663	(0.924)	1529525	500.000	470
95 n-Propylbenzene	91	12.735	12.727	(0.928)	13586554	500.000	420
96 2-Chlorotoluene	91	12.852	12.846	(0.936)	8737779	500.000	450(A)
97 1,3,5-Trimethylbenzene	105	12.898	12.892	(0.940)	9607609	500.000	430
98 4-Chlorotoluene	91	12.961	12.956	(0.944)	12295999	500.000	430
99 Butyl Methacrylate	87	12.934	12.929	(0.942)	8283162	500.000	490
100 tert-Butylbenzene	119	13.259	13.248	(0.966)	9649749	500.000	440
101 1,2,4-Trimethylbenzene	105	13.305	13.293	(0.969)	10617370	500.000	460
102 2-Octanone	43	13.359	13.347	(0.973)	11767048	500.000	500(A)
103 sec-Butylbenzene	105	13.488	13.483	(0.983)	12322110	500.000	440
105 1,3-Dichlorobenzene	146	13.662	13.655	(0.995)	7153440	500.000	470
107 p-Isopropyltoluene	119	13.625	13.621	(0.993)	9948587	500.000	460
* 108 1,4-Dichlorobenzene-d4	152	13.727	13.718	(1.000)	549963	50.0000	
109 1,4-Dichlorobenzene	146	13.754	13.745	(1.002)	9371295	500.000	470
110 Benzyl Chloride	91	13.892	13.898	(1.012)	9241415	500.000	530(A)
106 n-Butylbenzene	91	14.084	14.081	(1.026)	10035414	500.000	500(A)
111 1,2-Dichlorobenzene	146	14.198	14.191	(1.034)	8038288	500.000	480
112 1,2-Dibromo-3-chloropropane	75	15.157	15.153	(1.104)	1901941	500.000	560(A)
113 Camphor	95	16.195	16.189	(1.180)	3470515	2500.00	2800(A)
114 1,2,4-Trichlorobenzene	180	16.341	16.344	(1.190)	4665436	500.000	500
115 Hexachlorobutadiene	225	16.549	16.545	(1.206)	3451371	500.000	490
116 Naphthalene	128	16.778	16.781	(1.222)	7571154	500.000	500
117 1,2,3-Trichlorobenzene	180	17.197	17.192	(1.253)	3200178	500.000	490
M 120 1,2-Dichloroethene (Total)	100				11670072	1000.00	1000(A)
M 121 Xylene (Total)	100				15912570	1500.00	1500

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Data File: j04495.d

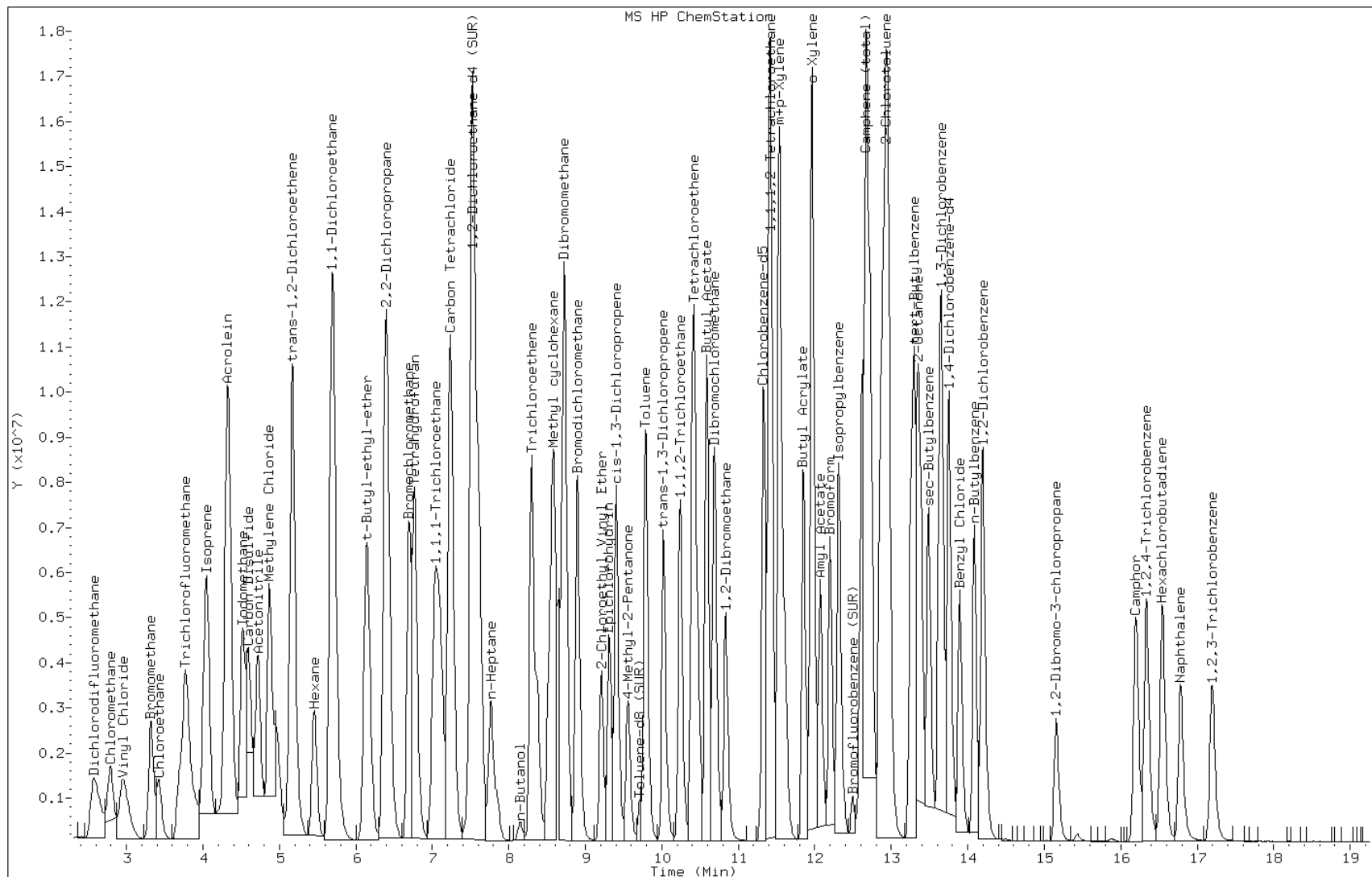
Date: 12-OCT-2011 03:56

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04552.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4852	0.5539	0.1000	19.3	20.0	-3.6	25.0
Chloromethane	Ave	0.3232	0.3107	0.1000	19.2	20.0	-3.9	25.0
Vinyl chloride	Ave	0.3532	0.3649	0.1000	20.7	20.0	3.3	25.0
Bromomethane	Ave	0.3221	0.3206	0.1000	19.9	20.0	-0.4	25.0
Chloroethane	Ave	0.2030	0.1976	0.1000	19.5	20.0	-2.7	25.0
Trichlorofluoromethane	Ave	0.6479	0.7167	0.1000	22.1	20.0	10.6	25.0
Pentane	LinF	0.0298	0.0328*	0.1000	18.1	20.0	-9.4	25.0
Ethyl ether	Ave	0.2244	0.2423	0.1000	21.6	20.0	8.0	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2989	0.1000	20.8	20.0	4.2	25.0
Acrolein	Ave	0.0409	0.0380*	0.1000	37.1	40.0	-7.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.5888	0.1000	21.6	20.0	8.1	25.0
1,1-Dichloroethene	Ave	0.3058	0.3410	0.1000	22.3	20.0	11.5	25.0
Acetone	Ave	0.0192	0.0182*	0.1000	18.9	20.0	-5.4	25.0
Iodomethane	Ave	0.9211	0.9391	0.1000	20.4	20.0	2.0	25.0
Carbon disulfide	Ave	0.9765	0.9721	0.1000	19.9	20.0	-0.5	25.0
Acetonitrile	LinF	0.0030	0.0031*	0.1000	357	400	-10.6	25.0
Methyl acetate	Ave	0.0712	0.0714*	0.1000	20.0	20.0	0.2	25.0
Methylene Chloride	Ave	0.3771	0.4002	0.1000	21.2	20.0	6.1	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0250*	0.1000	426	400	6.4	25.0
Methyl tert-butyl ether	Ave	0.8118	0.8859	0.1000	21.8	20.0	9.1	25.0
Acrylonitrile	Ave	0.0699	0.0795*	0.1000	22.8	20.0	13.8	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3960	0.1000	21.8	20.0	9.2	25.0
Hexane	Ave	0.1103	0.1207	0.1000	21.9	20.0	9.4	25.0
1,1-Dichloroethane	Ave	0.7297	0.7767	0.1000	21.3	20.0	6.4	25.0
Isopropyl ether	Ave	1.489	1.567	0.1000	21.0	20.0	5.2	25.0
Vinyl acetate	LinF	1.005	1.034	0.1000	22.9	20.0	14.3	25.0
Tert-butyl ethyl ether	Ave	1.132	1.235	0.1000	21.8	20.0	9.1	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.4438	0.1000	22.9	20.0	14.4	25.0
2-Butanone (MEK)	Ave	0.0256	0.0307*	0.1000	24.0	20.0	19.9	25.0
2,2-Dichloropropane	Ave	0.5213	0.5952	0.1000	22.8	20.0	14.2	25.0
Ethyl acetate	Ave	0.0391	0.0423*	0.1000	43.3	40.0	8.2	25.0
Chlorobromomethane	Ave	0.2725	0.3019	0.1000	22.2	20.0	10.8	25.0
Tetrahydrofuran	Ave	0.0742	0.0822*	0.1000	22.2	20.0	10.8	25.0
Chloroform	Ave	0.7607	0.8459	0.1000	22.2	20.0	11.2	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.6622	0.1000	22.5	20.0	12.4	25.0
Cyclohexane	Ave	0.3360	0.3823	0.1000	22.8	20.0	13.8	25.0
1,1-Dichloropropene	Ave	0.5153	0.5588	0.1000	21.7	20.0	8.4	25.0
Carbon tetrachloride	Ave	0.5427	0.5949	0.1000	21.9	20.0	9.6	25.0
Benzene	Ave	1.388	1.473	0.1000	21.2	20.0	6.2	25.0
1,2-Dichloroethane	Ave	0.4364	0.4939	0.1000	22.6	20.0	13.2	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04552.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.9538	1.038	0.1000	21.8	20.0	8.8	25.0
n-Heptane	LinF	0.0794	0.1070	0.1000	19.1	20.0	-4.5	25.0
n-Butanol	Ave	0.0035	0.0035*	0.1000	1490	1500	-0.8	25.0
Trichloroethene	Ave	0.4234	0.4830	0.1000	22.8	20.0	14.1	25.0
Ethyl acrylate	Ave	0.4364	0.4454	0.1000	20.4	20.0	2.1	25.0
Methylcyclohexane	Ave	0.2354	0.2637	0.1000	22.4	20.0	12.0	25.0
1,2-Dichloropropane	Ave	0.4507	0.4906	0.1000	21.8	20.0	8.9	25.0
Methyl methacrylate	Ave	0.0932	0.0982*	0.1000	21.1	20.0	5.3	25.0
n-Propyl acetate	Ave	0.5356	0.5821	0.1000	43.5	40.0	8.7	25.0
Dibromomethane	Ave	0.3813	0.4408	0.1000	23.1	20.0	15.6	25.0
Dichlorobromomethane	Ave	0.7428	0.8268	0.1000	22.3	20.0	11.3	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2493	0.1000	19.6	20.0	-2.2	25.0
Epichlorohydrin	Ave	0.0418	0.0448*	0.1000	429	400	7.2	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.9833	0.1000	23.4	20.0	16.8	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.4897	0.1000	20.8	20.0	4.1	25.0
Toluene	Ave	1.384	1.442	0.1000	20.8	20.0	4.2	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.7762	0.1000	21.8	20.0	8.8	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4777	0.1000	22.2	20.0	10.9	25.0
Tetrachloroethene	Ave	0.4897	0.5494	0.1000	22.4	20.0	12.2	25.0
1,3-Dichloropropane	Ave	0.7777	0.8677	0.1000	22.3	20.0	11.6	25.0
2-Hexanone	Ave	0.2730	0.2914	0.1000	21.3	20.0	6.7	25.0
n-Butyl acetate	Ave	0.1428	0.1546	0.1000	43.3	40.0	8.2	25.0
Chlorodibromomethane	Ave	0.8249	0.9377	0.1000	22.7	20.0	13.7	25.0
1,2-Dibromoethane	Ave	0.6955	0.7784	0.1000	22.4	20.0	11.9	25.0
Chlorobenzene	Ave	0.9861	1.104	0.1000	22.4	20.0	12.0	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.6334	0.1000	22.5	20.0	12.6	25.0
Ethylbenzene	Ave	0.3669	0.4325	0.1000	23.6	20.0	17.9	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5588	0.1000	44.1	40.0	10.2	25.0
n-Butyl acrylate	LinF	0.3775	0.4285	0.1000	18.8	20.0	-5.9	25.0
o-Xylene	Ave	0.4740	0.5495	0.1000	23.2	20.0	15.9	25.0
Styrene	Ave	0.8864	1.007	0.1000	22.7	20.0	13.6	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.409	0.1000	19.9	20.0	-0.6	25.0
Bromoform	Ave	0.5228	0.5726	0.1000	21.9	20.0	9.5	25.0
Isopropylbenzene	Ave	1.133	1.300	0.1000	22.9	20.0	14.7	25.0
Camphene	LinF	0.1086	0.1085	0.1000	19.5	20.0	-2.3	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.855	0.1000	21.9	20.0	9.5	25.0
Bromobenzene	Ave	1.143	1.246	0.1000	21.8	20.0	9.0	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.3233	0.1000	22.1	20.0	10.4	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.4436	0.1000	21.9	20.0	9.4	25.0
N-Propylbenzene	Ave	2.901	3.261	0.1000	22.5	20.0	12.4	25.0
2-Chlorotoluene	Ave	1.781	2.148	0.1000	24.1	20.0	20.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-89343/2 Calibration Date: 10/13/2011 04:24
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j04552.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
1,3,5-Trimethylbenzene	Ave	2.017	2.270	0.1000	22.5	20.0	12.5	25.0
Butyl Methacrylate	Ave	1.542	1.666	0.1000	21.6	20.0	8.0	25.0
4-Chlorotoluene	Ave	2.582	2.895	0.1000	22.4	20.0	12.1	25.0
tert-Butylbenzene	Ave	1.978	2.202	0.1000	22.3	20.0	11.3	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.367	0.1000	22.4	20.0	12.1	25.0
2-Octanone	LinF	1.642	1.835	0.1000	17.3	20.0	-13.6	25.0
sec-Butylbenzene	Ave	2.513	2.877	0.1000	22.9	20.0	14.5	25.0
4-Isopropyltoluene	Ave	1.963	2.216	0.1000	22.6	20.0	12.9	25.0
1,3-Dichlorobenzene	Ave	1.385	1.549	0.1000	22.4	20.0	11.9	25.0
1,4-Dichlorobenzene	Ave	1.795	2.015	0.1000	22.5	20.0	12.3	25.0
Benzyl chloride	Ave	1.597	1.822	0.1000	22.8	20.0	14.1	25.0
n-Butylbenzene	Ave	1.806	2.029	0.1000	22.5	20.0	12.3	25.0
1,2-Dichlorobenzene	Ave	1.514	1.740	0.1000	23.0	20.0	14.9	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.3172	0.1000	20.4	20.0	2.2	25.0
Camphor	Ave	0.1111	0.1198	0.1000	108	100	7.9	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.7019	0.1000	16.5	20.0	-17.4	25.0
Hexachlorobutadiene	Ave	0.6424	0.7698	0.1000	24.0	20.0	19.8	25.0
Naphthalene	LinF	0.9482	1.042	0.1000	15.0	20.0	-24.9	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.5783	0.1000	19.6	20.0	-2.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.3246	0.1000	49.9	50.0	-0.1	25.0
Toluene-d8 (Surr)	Ave	1.009	1.006	0.1000	49.9	50.0	-0.3	25.0
4-Bromofluorobenzene	Ave	1.023	1.011	0.1000	49.5	50.0	-1.1	25.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Report Date: 13-Oct-2011 04:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Lab Smp Id: CCVIS
 Inj Date : 13-OCT-2011 04:24
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 04:41 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.577	2.577	(0.327)	337092	20.0000	19
3 Chloromethane	50		2.751	2.751	(0.349)	189089	20.0000	19
4 Vinyl Chloride	62		2.933	2.933	(0.372)	222062	20.0000	21
6 Bromomethane	94		3.315	3.315	(0.421)	195136	20.0000	20
5 Chloroethane	64		3.433	3.433	(0.436)	120231	20.0000	19
7 Trichlorofluoromethane	101		3.735	3.735	(0.474)	436189	20.0000	22
8 n-Pentane	72		3.799	3.799	(0.482)	19930	20.0000	18
10 Isoprene	67		4.071	4.071	(0.517)	181898	20.0000	21
11 Ethyl Ether	59		4.035	4.035	(0.512)	147443	20.0000	22
13 Acrolein	56		4.217	4.217	(0.535)	46254	40.0000	37
15 1,1-Dichloroethene	96		4.336	4.336	(0.550)	207555	20.0000	22
14 Freon TF	101		4.336	4.336	(0.550)	358333	20.0000	22
16 Acetone	58		4.391	4.391	(0.557)	11075	20.0000	19
17 Iodomethane	142		4.538	4.538	(0.576)	571539	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
 Report Date: 13-Oct-2011 04:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.620	4.620	(0.586)	591606	20.0000	20
21 Acetonitrile	39	4.729	4.729	(0.600)	37359	400.000	360
27 Methyl Acetate	74	4.748	4.748	(0.602)	43434	20.0000	20
22 Methylene Chloride	84	4.893	4.893	(0.621)	243567	20.0000	21
24 TBA	59	4.993	4.993	(0.634)	304065	400.000	420
25 trans-1,2-Dichloroethene	96	5.202	5.202	(0.660)	241022	20.0000	22
26 Acrylonitrile	53	5.193	5.193	(0.659)	48402	20.0000	23
28 MTBE	73	5.184	5.184	(0.658)	539167	20.0000	22
29 Hexane	56	5.480	5.480	(0.695)	73433	20.0000	22
30 1,1-Dichloroethane	63	5.699	5.699	(0.723)	472680	20.0000	21
31 Vinyl Acetate	43	5.726	5.726	(0.727)	629493	20.0000	23
32 DIPE	45	5.726	5.726	(0.727)	953447	20.0000	21
35 t-Butyl-ethyl-ether	59	6.165	6.165	(0.782)	751608	20.0000	22
37 2,2-Dichloropropane	77	6.426	6.426	(0.815)	362228	20.0000	23
36 cis-1,2-Dichloroethene	96	6.409	6.409	(0.813)	270083	20.0000	23
38 2-Butanone	72	6.418	6.418	(0.814)	18651	20.0000	24
39 Ethyl Acetate	70	6.444	6.444	(0.818)	51499	40.0000	43
40 Bromochloromethane	128	6.725	6.725	(0.853)	183707	20.0000	22
41 Tetrahydrofuran	42	6.780	6.780	(0.860)	50055	20.0000	22
42 Chloroform	83	6.797	6.797	(0.862)	514829	20.0000	22
43 1,1,1-Trichloroethane	97	7.062	7.062	(0.896)	403026	20.0000	22
44 Cyclohexane	56	7.125	7.125	(0.904)	232700	20.0000	23
45 Carbon Tetrachloride	117	7.268	7.268	(0.922)	362063	20.0000	22
46 1,1-Dichloropropene	75	7.259	7.259	(0.921)	340065	20.0000	22
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.466	7.466	(0.947)	493991	50.0000	50
48 Benzene	78	7.539	7.539	(0.666)	664070	20.0000	21
49 1,2-Dichloroethane	62	7.565	7.565	(0.960)	300616	20.0000	23
51 n-Heptane	57	7.798	7.798	(0.990)	65090	20.0000	19
50 t-Amyl-methyl-ether	73	7.634	7.634	(0.969)	631448	20.0000	22
* 52 Fluorobenzene	96	7.881	7.881	(1.000)	1521532	50.0000	
54 Trichloroethene	95	8.324	8.324	(1.056)	293947	20.0000	23
53 n-Butanol	43	8.169	8.169	(1.037)	157323	1500.00	1500
56 Methyl cyclohexane	83	8.551	8.551	(1.085)	160493	20.0000	22
55 Ethyl Acrylate	55	8.395	8.395	(1.065)	271075	20.0000	20
57 1,2-Dichloropropane	63	8.606	8.606	(1.092)	298607	20.0000	22
58 Dibromomethane	93	8.762	8.762	(1.112)	268297	20.0000	23
59 Methyl Methacrylate	100	8.688	8.688	(1.102)	59775	20.0000	21
75 Propyl Acetate	43	8.743	8.743	(1.109)	708509	40.0000	43
68 Bromodichloromethane	83	8.917	8.917	(1.132)	503207	20.0000	22
62 2-Chloroethyl Vinyl Ether	63	9.238	9.238	(1.172)	151710	20.0000	20
63 Epichlorohydrin	57	9.338	9.338	(0.825)	403682	400.000	430
67 cis-1,3-Dichloropropene	75	9.430	9.430	(0.833)	443270	20.0000	23
70 4-Methyl-2-Pentanone	43	9.583	9.583	(0.846)	220739	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	9.734	9.734	(0.860)	1134306	50.0000	50
66 Toluene	91	9.817	9.817	(0.867)	650110	20.0000	21
64 trans-1,3-Dichloropropene	75	10.046	10.046	(0.887)	349894	20.0000	22
69 1,1,2-Trichloroethane	83	10.266	10.266	(0.907)	215330	20.0000	22

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04552.d
Report Date: 13-Oct-2011 04:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.421	10.421	(0.920)	247678	20.0000	22
72 1,3-Dichloropropane	76	10.458	10.458	(0.924)	391152	20.0000	22
73 2-Hexanone	43	10.503	10.503	(0.928)	131347	20.0000	21
74 Dibromochloromethane	129	10.714	10.714	(0.946)	422706	20.0000	23
76 Butyl Acetate	73	10.613	10.613	(0.937)	139349	40.0000	43
77 1,2-Dibromoethane	107	10.859	10.859	(0.959)	350915	20.0000	22
* 78 Chlorobenzene-d5	117	11.324	11.324	(1.000)	1126985	50.0000	
79 Chlorobenzene	112	11.360	11.360	(1.003)	497876	20.0000	22
80 1,1,1,2-Tetrachloroethane	131	11.432	11.432	(1.010)	285530	20.0000	22
81 Ethylbenzene	106	11.450	11.450	(1.011)	194971	20.0000	24
82 m+p-Xylene	106	11.561	11.561	(1.021)	503820	40.0000	44
84 o-Xylene	106	11.984	11.984	(1.058)	247692	20.0000	23
85 Styrene	104	11.993	11.993	(1.059)	453760	20.0000	23
83 Butyl Acrylate	73	11.878	11.878	(1.049)	193164	20.0000	19
86 Bromoform	173	12.229	12.229	(1.080)	258104	20.0000	22
87 Amyl Acetate	43	12.094	12.094	(0.879)	278992	20.0000	20
88 Isopropylbenzene	105	12.339	12.339	(1.090)	586224	20.0000	23
\$ 89 Bromofluorobenzene (SUR)	174	12.521	12.521	(0.910)	500760	50.0000	49
90 Camphene (total)	41	12.631	12.631	(1.115)	48921	20.0000	20
91 Bromobenzene	156	12.703	12.703	(0.923)	246674	20.0000	22
92 1,1,2,2-Tetrachloroethane	83	12.649	12.649	(0.919)	367352	20.0000	22
93 1,2,3-Trichloropropane	110	12.722	12.722	(0.925)	87849	20.0000	22
94 trans-1,4-Dichloro-2-butene	53	12.703	12.703	(0.923)	64025	20.0000	22
95 n-Propylbenzene	91	12.758	12.758	(0.927)	645859	20.0000	22
96 2-Chlorotoluene	91	12.885	12.885	(0.936)	425417	20.0000	24
97 1,3,5-Trimethylbenzene	105	12.931	12.931	(0.940)	449493	20.0000	22
98 4-Chlorotoluene	91	12.986	12.986	(0.944)	573286	20.0000	22
99 Butyl Methacrylate	87	12.959	12.959	(0.942)	329934	20.0000	22
100 tert-Butylbenzene	119	13.285	13.285	(0.965)	436111	20.0000	22
101 1,2,4-Trimethylbenzene	105	13.330	13.330	(0.969)	468702	20.0000	22
102 2-Octanone	43	13.385	13.385	(0.973)	363369	20.0000	17
103 sec-Butylbenzene	105	13.522	13.522	(0.983)	569810	20.0000	23
105 1,3-Dichlorobenzene	146	13.695	13.695	(0.995)	306830	20.0000	22
107 p-Isopropyltoluene	119	13.658	13.658	(0.993)	438929	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	13.759	13.759	(1.000)	495090	50.0000	
109 1,4-Dichlorobenzene	146	13.787	13.787	(1.002)	399096	20.0000	22
110 Benzyl Chloride	91	13.931	13.931	(1.012)	360757	20.0000	23
106 n-Butylbenzene	91	14.121	14.121	(1.026)	401776	20.0000	22
111 1,2-Dichlorobenzene	146	14.236	14.236	(1.035)	344657	20.0000	23
112 1,2-Dibromo-3-chloropropane	75	15.200	15.200	(1.105)	62820	20.0000	20
113 Camphor	95	16.253	16.253	(1.181)	118665	100.000	110
114 1,2,4-Trichlorobenzene	180	16.390	16.390	(1.191)	139009	20.0000	16
115 Hexachlorobutadiene	225	16.600	16.600	(1.206)	152446	20.0000	24
116 Naphthalene	128	16.837	16.837	(1.224)	206307	20.0000	15
117 1,2,3-Trichlorobenzene	180	17.268	17.268	(1.255)	114533	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				511105	40.0000	45
M 121 Xylene (Total)	100				751512	60.0000	67

Data File: j04552.d

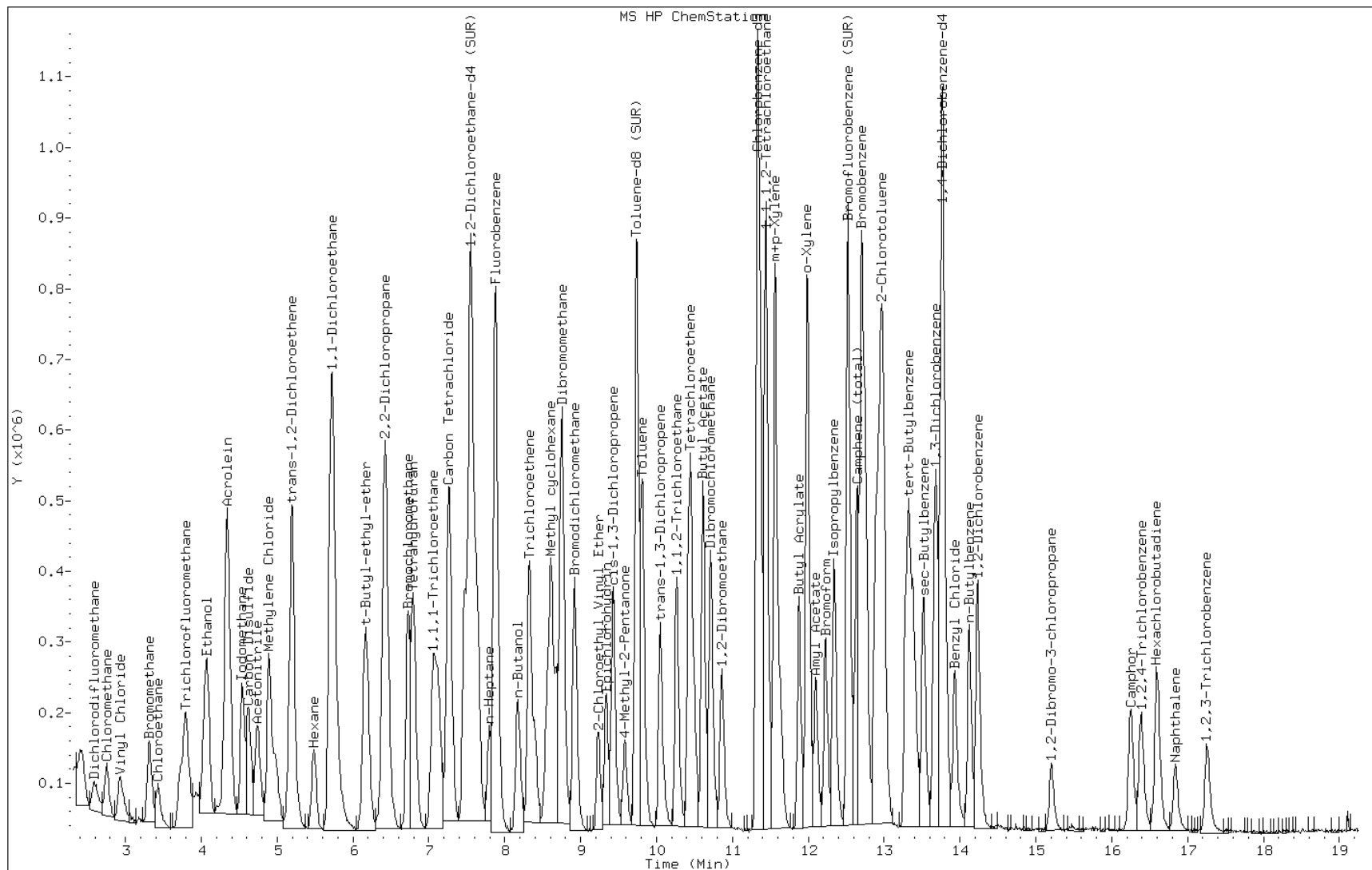
Date: 13-OCT-2011 04:24

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04579.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	LinF	0.4852	0.4612	0.1000	16.1	20.0	-19.7	25.0
Chloromethane	Ave	0.3232	0.2837	0.1000	17.6	20.0	-12.2	25.0
Vinyl chloride	Ave	0.3532	0.3067	0.1000	17.4	20.0	-13.2	25.0
Bromomethane	Ave	0.3221	0.2770	0.1000	17.2	20.0	-14.0	25.0
Chloroethane	Ave	0.2030	0.1665	0.1000	16.4	20.0	-18.0	25.0
Trichlorofluoromethane	Ave	0.6479	0.6095	0.1000	18.8	20.0	-5.9	25.0
Pentane	LinF	0.0298	0.0276*	0.1000	15.2	20.0	-23.8	25.0
Ethyl ether	Ave	0.2244	0.2329	0.1000	20.8	20.0	3.8	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2618	0.1000	18.3	20.0	-8.7	25.0
Acrolein	Ave	0.0409	0.0377*	0.1000	36.9	40.0	-7.8	25.0
1,1-Dichloroethene	Ave	0.3058	0.2930	0.1000	19.2	20.0	-4.2	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.4802	0.1000	17.6	20.0	-11.8	25.0
Acetone	Ave	0.0192	0.0203*	0.1000	21.1	20.0	5.5	25.0
Iodomethane	Ave	0.9211	0.8859	0.1000	19.2	20.0	-3.8	25.0
Carbon disulfide	Ave	0.9765	0.8659	0.1000	17.7	20.0	-11.3	25.0
Acetonitrile	LinF	0.0030	0.0030*	0.1000	348	400	-13.1	25.0
Methyl acetate	Ave	0.0712	0.0710*	0.1000	19.9	20.0	-0.3	25.0
Methylene Chloride	Ave	0.3771	0.3640	0.1000	19.3	20.0	-3.5	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0240*	0.1000	409	400	2.2	25.0
Acrylonitrile	Ave	0.0699	0.0690*	0.1000	19.8	20.0	-1.2	25.0
Methyl tert-butyl ether	Ave	0.8118	0.8360	0.1000	20.6	20.0	3.0	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3717	0.1000	20.5	20.0	2.5	25.0
Hexane	Ave	0.1103	0.0894*	0.1000	16.2	20.0	-19.0	25.0
1,1-Dichloroethane	Ave	0.7297	0.7019	0.1000	19.2	20.0	-3.8	25.0
Isopropyl ether	Ave	1.489	1.490	0.1000	20.0	20.0	0.0	25.0
Vinyl acetate	LinF	1.005	0.9419	0.1000	20.8	20.0	4.1	25.0
Tert-butyl ethyl ether	Ave	1.132	1.192	0.1000	21.1	20.0	5.3	25.0
2-Butanone (MEK)	Ave	0.0256	0.0296*	0.1000	23.1	20.0	15.7	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.4065	0.1000	21.0	20.0	4.8	25.0
2,2-Dichloropropane	Ave	0.5213	0.5200	0.1000	20.0	20.0	-0.2	25.0
Ethyl acetate	Ave	0.0391	0.0390*	0.1000	39.9	40.0	-0.3	25.0
Chlorobromomethane	Ave	0.2725	0.2644	0.1000	19.4	20.0	-2.9	25.0
Tetrahydrofuran	Ave	0.0742	0.0808*	0.1000	21.8	20.0	8.9	25.0
Chloroform	Ave	0.7607	0.7598	0.1000	20.0	20.0	-0.1	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.5986	0.1000	20.3	20.0	1.6	25.0
Cyclohexane	Ave	0.3360	0.3165	0.1000	18.8	20.0	-5.8	25.0
1,1-Dichloropropene	Ave	0.5153	0.4964	0.1000	19.3	20.0	-3.7	25.0
Carbon tetrachloride	Ave	0.5427	0.5315	0.1000	19.6	20.0	-2.1	25.0
1,2-Dichloroethane	Ave	0.4364	0.4372	0.1000	20.0	20.0	0.2	25.0
Benzene	Ave	1.388	1.365	0.1000	19.7	20.0	-1.6	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j04579.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.9538	0.9842	0.1000	20.6	20.0	3.2	25.0
n-Heptane	LinF	0.0794	0.0757*	0.1000	13.5	20.0	-32.4*	25.0
n-Butanol	Ave	0.0035	0.0033*	0.1000	1410	1500	-5.9	25.0
Trichloroethene	Ave	0.4234	0.4343	0.1000	20.5	20.0	2.6	25.0
Ethyl acrylate	Ave	0.4364	0.4543	0.1000	20.8	20.0	4.1	25.0
Methylcyclohexane	Ave	0.2354	0.2157	0.1000	18.3	20.0	-8.4	25.0
1,2-Dichloropropane	Ave	0.4507	0.4522	0.1000	20.1	20.0	0.3	25.0
Methyl methacrylate	Ave	0.0932	0.0973*	0.1000	20.9	20.0	4.4	25.0
n-Propyl acetate	Ave	0.5356	0.5782	0.1000	43.2	40.0	8.0	25.0
Dibromomethane	Ave	0.3813	0.4016	0.1000	21.1	20.0	5.3	25.0
Dichlorobromomethane	Ave	0.7428	0.7536	0.1000	20.3	20.0	1.5	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2401	0.1000	18.8	20.0	-5.8	25.0
Epichlorohydrin	Ave	0.0418	0.0448*	0.1000	429	400	7.3	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.8728	0.1000	20.7	20.0	3.7	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.5000	0.1000	21.3	20.0	6.3	25.0
Toluene	Ave	1.384	1.356	0.1000	19.6	20.0	-2.0	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.7344	0.1000	20.6	20.0	2.9	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4558	0.1000	21.2	20.0	5.9	25.0
Tetrachloroethene	Ave	0.4897	0.5176	0.1000	21.1	20.0	5.7	25.0
1,3-Dichloropropane	Ave	0.7777	0.8005	0.1000	20.6	20.0	2.9	25.0
2-Hexanone	Ave	0.2730	0.2825	0.1000	20.7	20.0	3.5	25.0
n-Butyl acetate	Ave	0.1428	0.1555	0.1000	43.5	40.0	8.9	25.0
Chlorodibromomethane	Ave	0.8249	0.8599	0.1000	20.8	20.0	4.2	25.0
1,2-Dibromoethane	Ave	0.6955	0.7282	0.1000	20.9	20.0	4.7	25.0
Chlorobenzene	Ave	0.9861	1.011	0.1000	20.5	20.0	2.5	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.5862	0.1000	20.8	20.0	4.2	25.0
Ethylbenzene	Ave	0.3669	0.3792	0.1000	20.7	20.0	3.4	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5218	0.1000	41.2	40.0	2.9	25.0
n-Butyl acrylate	LinF	0.3775	0.4109	0.1000	18.0	20.0	-9.8	25.0
o-Xylene	Ave	0.4740	0.5117	0.1000	21.6	20.0	8.0	25.0
Styrene	Ave	0.8864	0.9211	0.1000	20.8	20.0	3.9	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.392	0.1000	19.6	20.0	-1.8	25.0
Bromoform	Ave	0.5228	0.5618	0.1000	21.5	20.0	7.5	25.0
Isopropylbenzene	Ave	1.133	1.174	0.1000	20.7	20.0	3.6	25.0
Camphene	LinF	0.1086	0.0773*	0.1000	13.9	20.0	-30.4*	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.685	0.1000	19.9	20.0	-0.5	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.4354	0.1000	21.5	20.0	7.4	25.0
Bromobenzene	Ave	1.143	1.151	0.1000	20.1	20.0	0.7	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.3134	0.1000	21.4	20.0	7.0	25.0
N-Propylbenzene	Ave	2.901	2.972	0.1000	20.5	20.0	2.5	25.0
2-Chlorotoluene	Ave	1.781	2.228	0.1000	25.0	20.0	25.1*	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89343/26 Calibration Date: 10/13/2011 15:41
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j04579.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
1,3,5-Trimethylbenzene	Ave	2.017	2.028	0.1000	20.1	20.0	0.5	25.0
Butyl Methacrylate	Ave	1.542	1.696	0.1000	22.0	20.0	10.0	25.0
4-Chlorotoluene	Ave	2.582	2.574	0.1000	19.9	20.0	-0.3	25.0
tert-Butylbenzene	Ave	1.978	1.969	0.1000	19.9	20.0	-0.4	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.088	0.1000	19.8	20.0	-1.1	25.0
2-Octanone	LinF	1.642	1.666	0.1000	15.7	20.0	-21.6	25.0
sec-Butylbenzene	Ave	2.513	2.390	0.1000	19.0	20.0	-4.9	25.0
4-Isopropyltoluene	Ave	1.963	1.940	0.1000	19.8	20.0	-1.2	25.0
1,3-Dichlorobenzene	Ave	1.385	1.414	0.1000	20.4	20.0	2.1	25.0
1,4-Dichlorobenzene	Ave	1.795	1.820	0.1000	20.3	20.0	1.4	25.0
Benzyl chloride	Ave	1.597	1.602	0.1000	20.1	20.0	0.3	25.0
n-Butylbenzene	Ave	1.806	1.770	0.1000	19.6	20.0	-2.0	25.0
1,2-Dichlorobenzene	Ave	1.514	1.642	0.1000	21.7	20.0	8.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.3001	0.1000	19.3	20.0	-3.3	25.0
Camphor	Ave	0.1111	0.1182	0.1000	106	100	6.5	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.6175	0.1000	14.5	20.0	-27.3*	25.0
Hexachlorobutadiene	Ave	0.6424	0.6813	0.1000	21.2	20.0	6.0	25.0
Naphthalene	LinF	0.9482	0.9173	0.1000	13.2	20.0	-33.9*	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.4536	0.1000	15.3	20.0	-23.3	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.3180	0.1000	48.9	50.0	-2.2	25.0
Toluene-d8 (Surr)	Ave	1.009	0.995	0.1000	49.3	50.0	-1.4	25.0
4-Bromofluorobenzene	Ave	1.023	1.005	0.1000	49.1	50.0	-1.8	25.0

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dema.b/j04579.d
Lab Smp Id: CCV
Inj Date : 13-OCT-2011 15:41
Operator : Inst ID: VOAMS8.i
Smp Info : CCV
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dema.b/8260DE_09.m
Meth Date : 14-Oct-2011 03:26 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 15:41 Cal File: j04579.d
Als bottle: 29 Continuing Calibration Sample
Dil Factor: 1.00000
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	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.612	2.612	(0.330)	290947	20.0000	16
3 Chloromethane	50		2.774	2.774	(0.351)	178982	20.0000	18
4 Vinyl Chloride	62		2.954	2.954	(0.374)	193485	20.0000	17
6 Bromomethane	94		3.341	3.341	(0.423)	174748	20.0000	17
5 Chloroethane	64		3.442	3.442	(0.436)	105062	20.0000	16
7 Trichlorofluoromethane	101		3.762	3.762	(0.476)	384491	20.0000	19
8 n-Pentane	72		3.808	3.808	(0.482)	17384	20.0000	15
10 Isoprene	67		4.106	4.106	(0.520)	165171	20.0000	18
11 Ethyl Ether	59		4.060	4.060	(0.514)	146948	20.0000	21
13 Acrolein	56		4.242	4.242	(0.537)	47605	40.0000	37
15 1,1-Dichloroethene	96		4.361	4.361	(0.552)	184858	20.0000	19
14 Freon TF	101		4.370	4.370	(0.553)	302940	20.0000	18
16 Acetone	58		4.425	4.425	(0.560)	12802	20.0000	21
17 Iodomethane	142		4.569	4.569	(0.578)	558924	20.0000	19

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.651	4.651	(0.589)	546278	20.0000	18
21 Acetonitrile	39	4.770	4.770	(0.604)	37659	400.000	350
27 Methyl Acetate	74	4.788	4.788	(0.606)	44796	20.0000	20
22 Methylene Chloride	84	4.916	4.916	(0.622)	229658	20.0000	19
24 TBA	59	5.017	5.017	(0.635)	302740	400.000	410
25 trans-1,2-Dichloroethene	96	5.235	5.235	(0.662)	234479	20.0000	20
26 Acrylonitrile	53	5.208	5.208	(0.659)	43551	20.0000	20
28 MTBE	73	5.217	5.217	(0.660)	527419	20.0000	20
29 Hexane	56	5.507	5.507	(0.697)	56374	20.0000	16
30 1,1-Dichloroethane	63	5.744	5.744	(0.727)	442792	20.0000	19
31 Vinyl Acetate	43	5.753	5.753	(0.728)	594229	20.0000	21
32 DIPE	45	5.753	5.753	(0.728)	939857	20.0000	20
35 t-Butyl-ethyl-ether	59	6.200	6.200	(0.785)	752092	20.0000	21
37 2,2-Dichloropropane	77	6.452	6.452	(0.816)	328080	20.0000	20
36 cis-1,2-Dichloroethene	96	6.443	6.443	(0.815)	256446	20.0000	21
38 2-Butanone	72	6.443	6.443	(0.815)	18660	20.0000	23
39 Ethyl Acetate	70	6.460	6.460	(0.818)	49193	40.0000	40
40 Bromochloromethane	128	6.753	6.753	(0.855)	166832	20.0000	19
41 Tetrahydrofuran	42	6.798	6.798	(0.860)	50999	20.0000	22
42 Chloroform	83	6.826	6.826	(0.864)	479366	20.0000	20
43 1,1,1-Trichloroethane	97	7.099	7.099	(0.898)	377673	20.0000	20
44 Cyclohexane	56	7.163	7.163	(0.906)	199681	20.0000	19
45 Carbon Tetrachloride	117	7.300	7.300	(0.924)	335289	20.0000	20
46 1,1-Dichloropropene	75	7.291	7.291	(0.923)	313173	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.501	7.501	(0.949)	501550	50.0000	49
48 Benzene	78	7.583	7.583	(0.668)	626840	20.0000	20
49 1,2-Dichloroethane	62	7.583	7.583	(0.960)	275833	20.0000	20
51 n-Heptane	57	7.810	7.810	(0.988)	47746	20.0000	14
50 t-Amyl-methyl-ether	73	7.666	7.666	(0.970)	620925	20.0000	21
* 52 Fluorobenzene	96	7.902	7.902	(1.000)	1577209	50.0000	
54 Trichloroethene	95	8.347	8.347	(1.056)	274004	20.0000	20
53 n-Butanol	43	8.201	8.201	(1.038)	154702	1500.00	1400
56 Methyl cyclohexane	83	8.585	8.585	(1.086)	136053	20.0000	18
55 Ethyl Acrylate	55	8.430	8.430	(1.067)	286636	20.0000	21
57 1,2-Dichloropropane	63	8.640	8.640	(1.093)	285294	20.0000	20
58 Dibromomethane	93	8.787	8.787	(1.112)	253372	20.0000	21
59 Methyl Methacrylate	100	8.704	8.704	(1.102)	61403	20.0000	21
75 Propyl Acetate	43	8.768	8.768	(1.110)	729520	40.0000	43
68 Bromodichloromethane	83	8.950	8.950	(1.133)	475428	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.248	9.248	(1.170)	151467	20.0000	19
63 Epichlorohydrin	57	9.358	9.358	(0.824)	411278	400.000	430
67 cis-1,3-Dichloropropene	75	9.456	9.456	(0.833)	400695	20.0000	21
70 4-Methyl-2-Pentanone	43	9.611	9.611	(0.846)	229558	20.0000	21
\$ 65 Toluene-d8 (SUR)	98	9.767	9.767	(0.860)	1142225	50.0000	49
66 Toluene	91	9.831	9.831	(0.866)	622630	20.0000	20
64 trans-1,3-Dichloropropene	75	10.076	10.076	(0.887)	337143	20.0000	20
69 1,1,2-Trichloroethane	83	10.284	10.284	(0.906)	209260	20.0000	21

Data File: j04579.d
Report Date: 14-Oct-2011 03:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.447	10.447	(0.920)	237635	20.0000	21
72 1,3-Dichloropropane	76	10.483	10.483	(0.923)	367479	20.0000	20
73 2-Hexanone	43	10.538	10.538	(0.928)	129668	20.0000	21
74 Dibromochloromethane	129	10.737	10.737	(0.945)	394771	20.0000	21
76 Butyl Acetate	73	10.637	10.637	(0.937)	142757	40.0000	44
77 1,2-Dibromoethane	107	10.882	10.882	(0.958)	334316	20.0000	21
* 78 Chlorobenzene-d5	117	11.357	11.357	(1.000)	1147714	50.0000	
79 Chlorobenzene	112	11.385	11.385	(1.002)	463938	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.458	11.458	(1.009)	269131	20.0000	21
81 Ethylbenzene	106	11.467	11.467	(1.010)	174100	20.0000	21
82 m+p-Xylene	106	11.586	11.586	(1.020)	479066	40.0000	41
84 o-Xylene	106	12.002	12.002	(1.057)	234922	20.0000	22
85 Styrene	104	12.020	12.020	(1.058)	422873	20.0000	21
83 Butyl Acrylate	73	11.894	11.894	(1.047)	188658	20.0000	18
86 Bromoform	173	12.249	12.249	(1.078)	257929	20.0000	21
87 Amyl Acetate	43	12.120	12.120	(0.879)	281359	20.0000	20
88 Isopropylbenzene	105	12.368	12.368	(1.089)	539006	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	12.551	12.551	(0.910)	507770	50.0000	49
90 Camphene (total)	41	12.659	12.659	(1.115)	35491	20.0000	14
91 Bromobenzene	156	12.733	12.733	(0.924)	232615	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.677	12.677	(0.920)	340714	20.0000	20
93 1,2,3-Trichloropropane	110	12.733	12.733	(0.924)	88019	20.0000	21
94 trans-1,4-Dichloro-2-butene	53	12.733	12.733	(0.924)	63357	20.0000	21
95 n-Propylbenzene	91	12.785	12.785	(0.927)	600856	20.0000	20
96 2-Chlorotoluene	91	12.911	12.911	(0.936)	450363	20.0000	25
97 1,3,5-Trimethylbenzene	105	12.948	12.948	(0.939)	410068	20.0000	20
98 4-Chlorotoluene	91	13.018	13.018	(0.944)	520284	20.0000	20
99 Butyl Methacrylate	87	12.983	12.983	(0.942)	342804	20.0000	22
100 tert-Butylbenzene	119	13.320	13.320	(0.966)	398153	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.356	13.356	(0.969)	422108	20.0000	20
102 2-Octanone	43	13.411	13.411	(0.973)	336837	20.0000	16
103 sec-Butylbenzene	105	13.539	13.539	(0.982)	483156	20.0000	19
105 1,3-Dichlorobenzene	146	13.714	13.714	(0.995)	285881	20.0000	20
107 p-Isopropyltoluene	119	13.686	13.686	(0.993)	392114	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.787	13.787	(1.000)	505425	50.0000	
109 1,4-Dichlorobenzene	146	13.815	13.815	(1.002)	367918	20.0000	20
110 Benzyl Chloride	91	13.961	13.961	(1.013)	323836	20.0000	20
106 n-Butylbenzene	91	14.144	14.144	(1.026)	357805	20.0000	20
111 1,2-Dichlorobenzene	146	14.261	14.261	(1.034)	331899	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	15.230	15.230	(1.105)	60664	20.0000	19
113 Camphor	95	16.283	16.283	(1.181)	119514	100.000	110
114 1,2,4-Trichlorobenzene	180	16.430	16.430	(1.192)	124841	20.0000	14
115 Hexachlorobutadiene	225	16.641	16.641	(1.207)	137728	20.0000	21
116 Naphthalene	128	16.870	16.870	(1.224)	185442	20.0000	13
117 1,2,3-Trichlorobenzene	180	17.288	17.288	(1.254)	91694	20.0000	15
M 120 1,2-Dichloroethene (Total)	100				490926	40.0000	41
M 121 Xylene (Total)	100				713989	60.0000	63

Data File: j04579.d

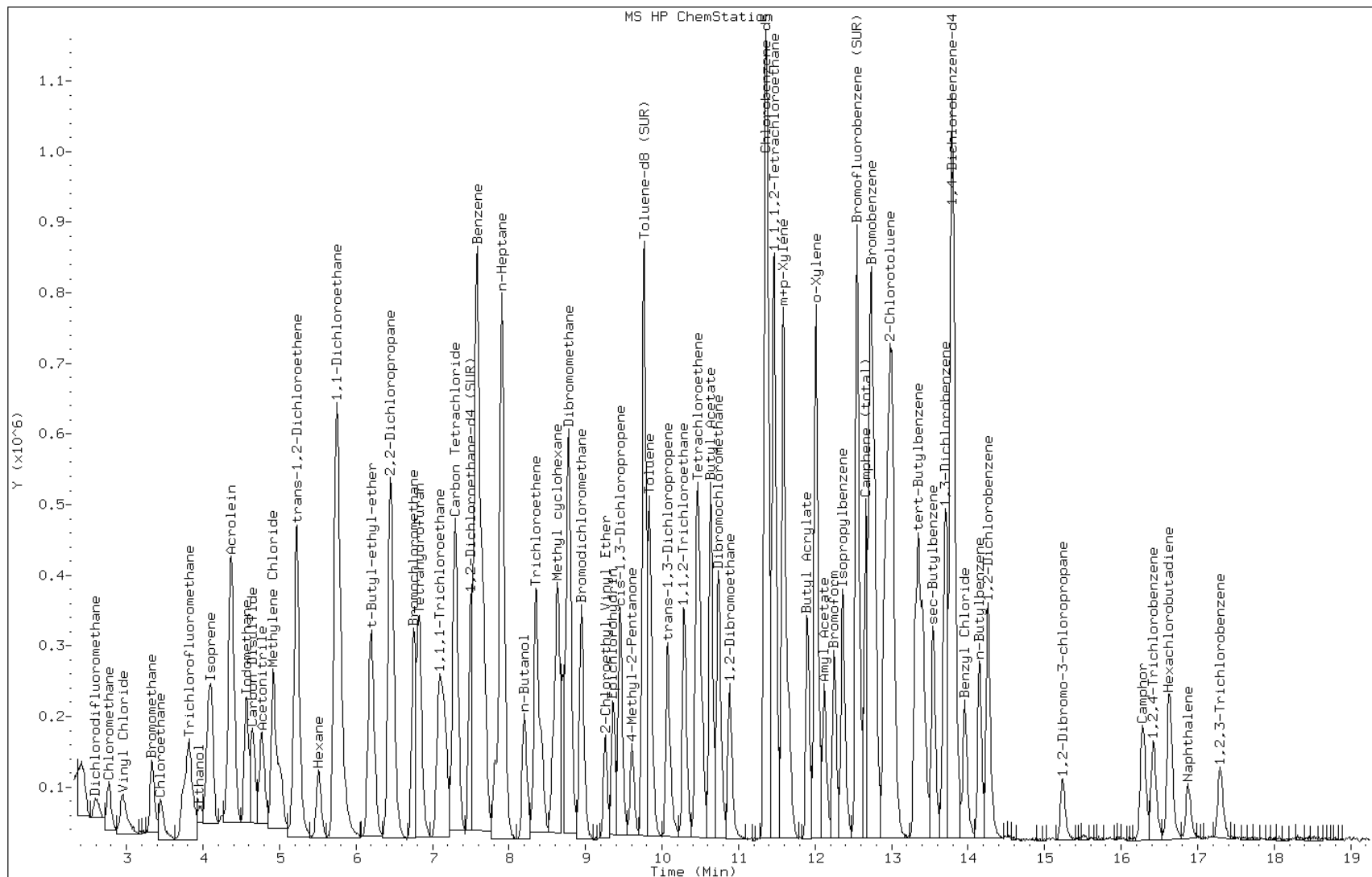
Date: 13-OCT-2011 15:41

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
 Lab Smp Id: BFB
 Inj Date : 12-OCT-2011 01:08
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 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		
6.951	7.025 (0.000)	95	58936			0.00- 100.00	100.00
6.951	7.025 (0.000)	50	11702			15.00- 40.00	19.86
6.951	7.025 (0.000)	75	26398			30.00- 60.00	44.79
6.951	7.025 (0.000)	96	3375			5.00- 9.00	5.73
6.951	7.025 (0.000)	173	117			0.00- 2.00	0.31
6.951	7.025 (0.000)	174	37256			50.00- 100.00	63.21
6.951	7.025 (0.000)	175	2998			5.00- 9.00	8.05
6.951	7.025 (0.000)	176	36792			95.00- 101.00	98.75
6.951	7.025 (0.000)	177	2182			5.00- 9.00	5.93

Data File: j04488.d

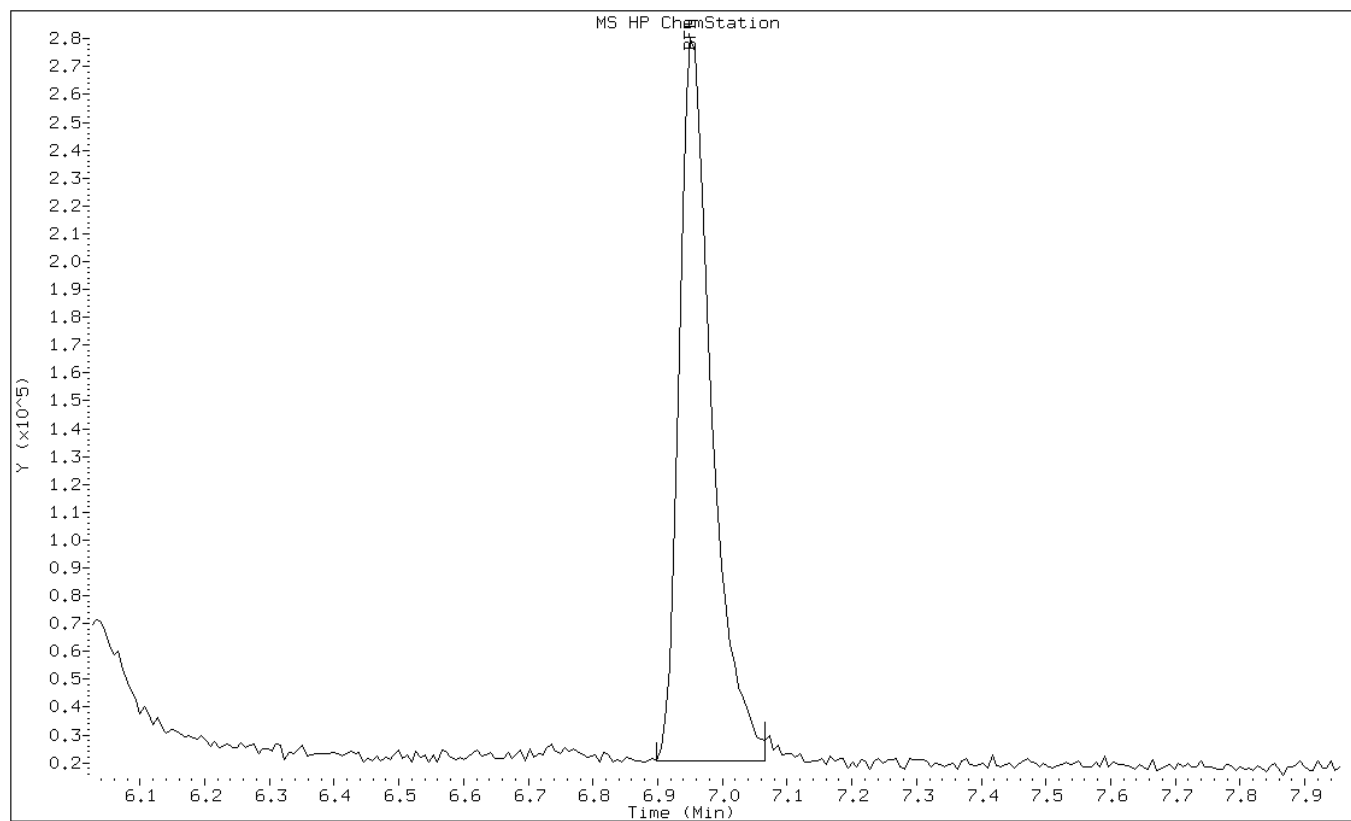
Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04488.d

Date: 12-OCT-2011 01:08

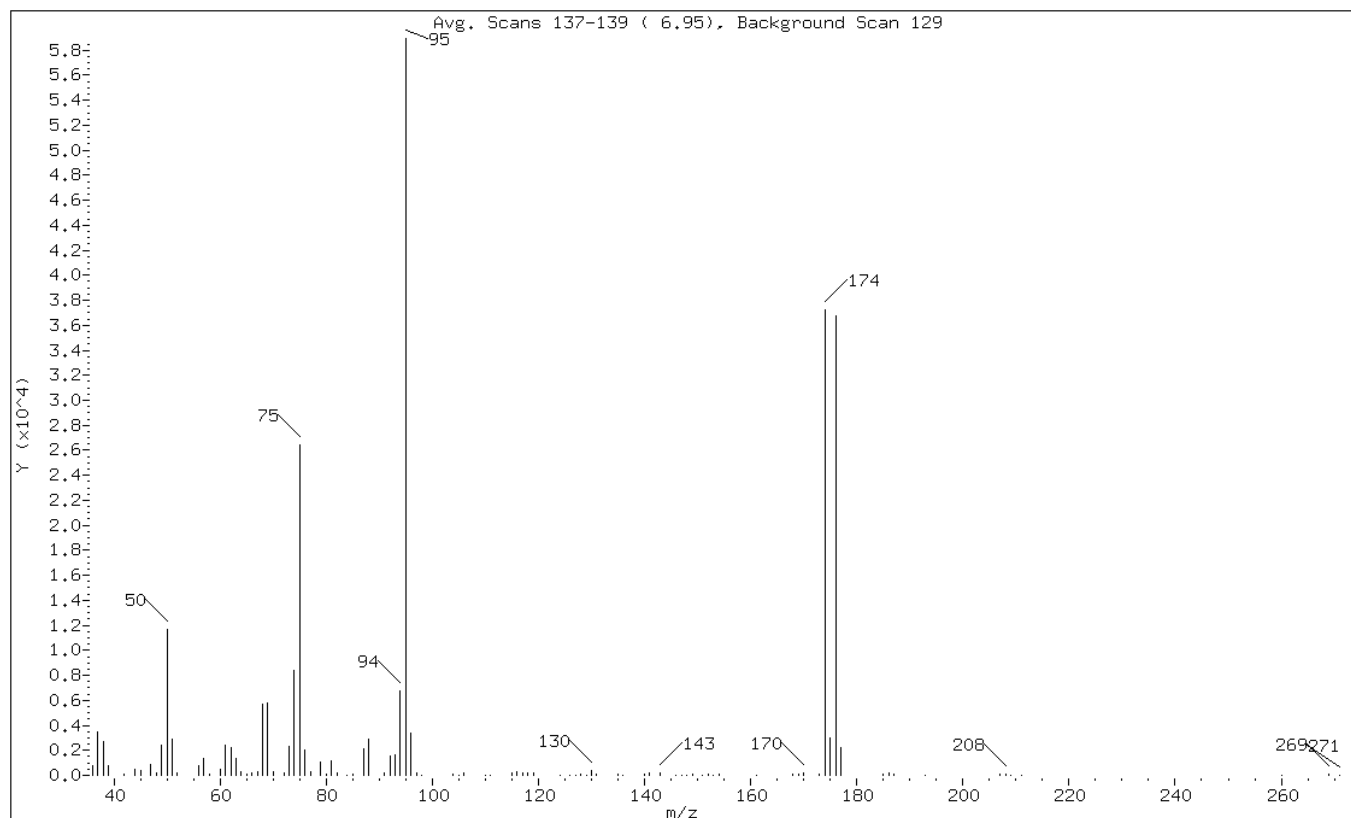
Client ID:

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	19.86
75	30.00 - 60.00% of mass 95	44.79
96	5.00 - 9.00% of mass 95	5.73
173	Less than 2.00% of mass 174	0.20 (0.31)
174	50.00 - 100.00% of mass 95	63.21
175	5.00 - 9.00% of mass 174	5.09 (8.05)
176	95.00 - 101.00% of mass 174	62.43 (98.75)
177	5.00 - 9.00% of mass 176	3.70 (5.93)

Data File: j04488.d

Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
Spectrum: Avg. Scans 137-139 (6.95), Background Scan 129
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	757	69.00	5765	105.00	33	151.00	36
37.00	3498	70.00	246	106.00	166	152.00	92
38.00	2664	72.00	203	110.00	36	153.00	46
39.00	765	73.00	2311	111.00	42	154.00	99
42.00	88	74.00	8368	115.00	178	161.00	37
44.00	442	75.00	26392	116.00	244	168.00	87
45.00	372	76.00	2036	117.00	175	169.00	82
47.00	880	77.00	255	118.00	165	170.00	213
48.00	224	79.00	1089	119.00	175	173.00	117
49.00	2364	80.00	139	124.00	36	174.00	37256
50.00	11702	81.00	1139	126.00	34	175.00	2998
51.00	2941	82.00	173	127.00	9	176.00	36792
52.00	173	84.00	40	128.00	99	177.00	2182
56.00	788	85.00	109	129.00	34	185.00	56
57.00	1365	87.00	2078	130.00	381	186.00	168
58.00	77	88.00	2888	131.00	144	187.00	110
60.00	493	91.00	202	135.00	56	193.00	36
61.00	2374	92.00	1547	136.00	33	207.00	49
62.00	2182	93.00	1614	140.00	115	208.00	84
63.00	1358	94.00	6784	141.00	169	209.00	35
64.00	311	95.00	58936	143.00	177	211.00	36
65.00	73	96.00	3375	146.00	34	260.00	36
66.00	167	97.00	178	147.00	43	269.00	69
67.00	253	98.00	33	148.00	46	271.00	42
68.00	5728	104.00	141	149.00	126		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04550.d
 Lab Smp Id: BFB
 Inj Date : 13-OCT-2011 03:29
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 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			
6.973	7.025 (0.000)	95	110168			0.00- 100.00	100.00
6.973	7.025 (0.000)	50	22032			15.00- 40.00	20.00
6.973	7.025 (0.000)	75	48792			30.00- 60.00	44.29
6.973	7.025 (0.000)	96	6785			5.00- 9.00	6.16
6.973	7.025 (0.000)	173	229			0.00- 2.00	0.33
6.973	7.025 (0.000)	174	69904			50.00- 100.00	63.45
6.973	7.025 (0.000)	175	4992			5.00- 9.00	7.14
6.973	7.025 (0.000)	176	69488			95.00- 101.00	99.40
6.973	7.025 (0.000)	177	4321			5.00- 9.00	6.22

Data File: j04550.d

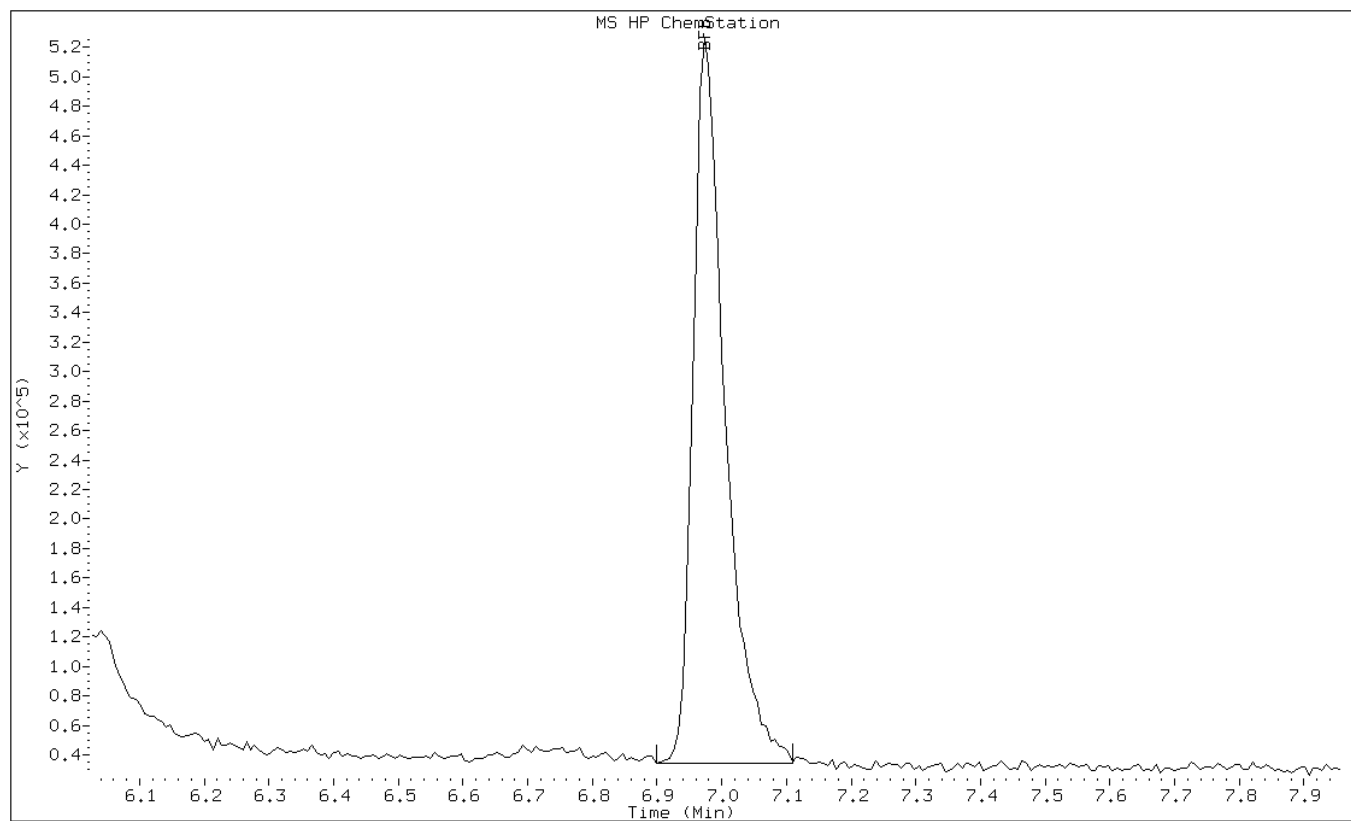
Date: 13-OCT-2011 03:29

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04550.d

Date: 13-OCT-2011 03:29

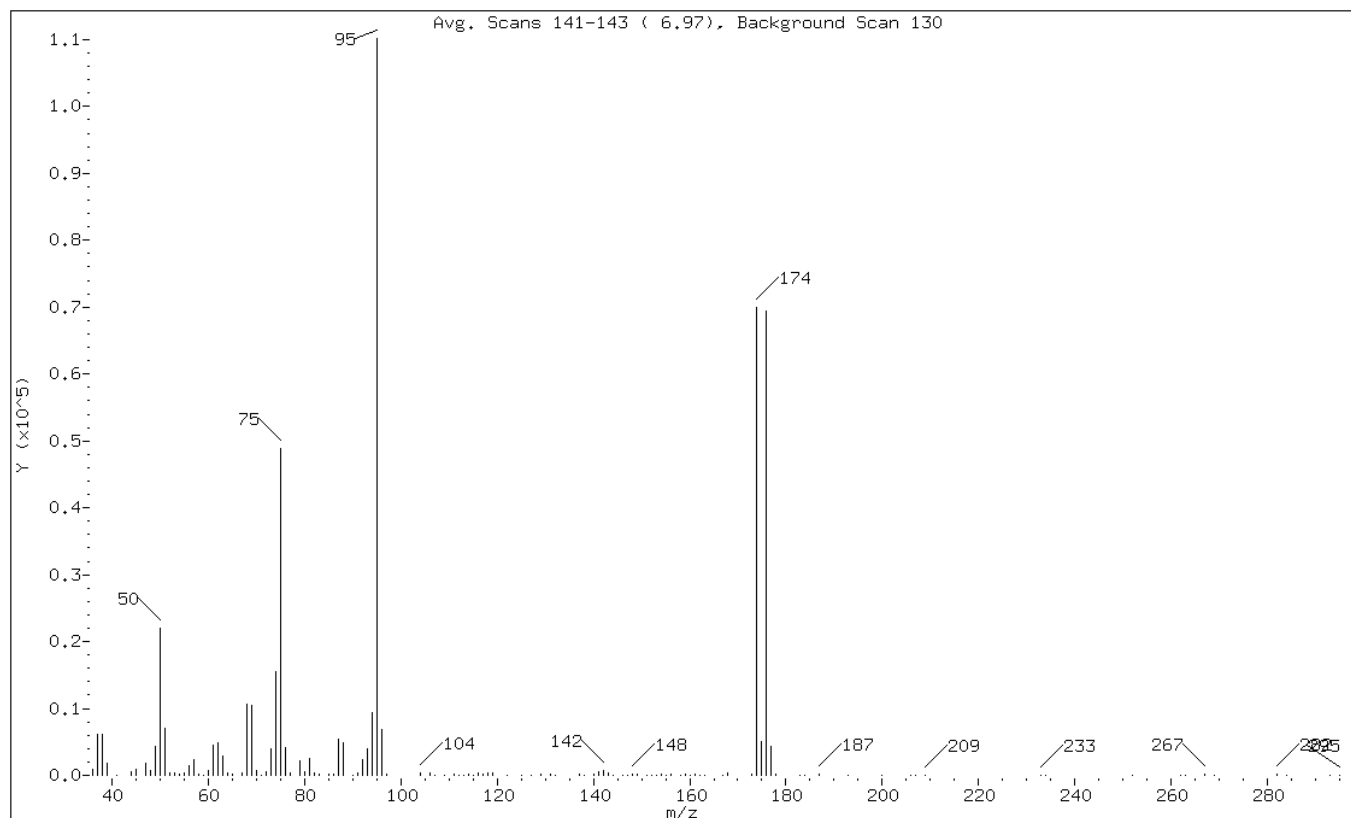
Client ID:

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	20.00
75	30.00 - 60.00% of mass 95	44.29
96	5.00 - 9.00% of mass 95	6.16
173	Less than 2.00% of mass 174	0.21 (0.33)
174	50.00 - 100.00% of mass 95	63.45
175	5.00 - 9.00% of mass 174	4.53 (7.14)
176	95.00 - 101.00% of mass 174	63.07 (99.40)
177	5.00 - 9.00% of mass 176	3.92 (6.22)

Data File: j04550.d

Date: 13-OCT-2011 03:29

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04550.d
Spectrum: Avg. Scans 141-143 (6.97), Background Scan 130
Location of Maximum: 95.00
Number of points: 123

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	905	72.00	584	115.00	75	161.00	98
37.00	6183	73.00	4006	116.00	302	162.00	44
38.00	6052	74.00	15451	117.00	227	163.00	46
39.00	1838	75.00	48792	118.00	367	167.00	42
41.00	51	76.00	4222	119.00	378	168.00	324
44.00	483	77.00	386	122.00	37	173.00	229
45.00	839	79.00	2128	125.00	58	174.00	69904
47.00	1861	80.00	575	127.00	41	175.00	4992
48.00	711	81.00	2585	129.00	149	176.00	69488
49.00	4355	82.00	298	131.00	165	177.00	4321
50.00	22032	83.00	130	132.00	44	178.00	189
51.00	7020	85.00	126	137.00	155	183.00	49
52.00	341	86.00	147	138.00	33	184.00	34
53.00	283	87.00	5354	140.00	108	187.00	257
54.00	98	88.00	4955	141.00	612	193.00	1
55.00	336	90.00	37	142.00	789	200.00	40
56.00	1478	91.00	330	143.00	289	206.00	85
57.00	2401	92.00	2311	144.00	16	207.00	26
58.00	95	93.00	3979	146.00	49	209.00	36
59.00	47	94.00	9315	147.00	89	233.00	67
60.00	810	95.00	110168	148.00	259	234.00	35
61.00	4428	96.00	6785	149.00	109	252.00	47
62.00	4879	97.00	138	151.00	10	262.00	53
63.00	2880	104.00	433	152.00	35	263.00	34
64.00	280	106.00	384	153.00	49	267.00	108
65.00	155	107.00	50	154.00	224	269.00	84
67.00	402	109.00	65	155.00	23	282.00	159
68.00	10716	111.00	109	156.00	193	284.00	46
69.00	10480	112.00	48	158.00	81	293.00	43
70.00	652	113.00	76	159.00	129	295.00	34
71.00	42	114.00	177	160.00	42		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-89343/4

Matrix: Solid Lab File ID: j04556.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04

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.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-87-3	Chloromethane	100	U	100	21
75-01-4	Vinyl chloride	100	U	100	12
74-83-9	Bromomethane	100	U	100	31
75-00-3	Chloroethane	100	U	100	45
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	200	U	200	33
75-09-2	Methylene Chloride	100	U	100	19
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	Methyl tert-butyl ether	100	U	100	19
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
78-93-3	2-Butanone (MEK)	1000	U	1000	82
67-66-3	Chloroform	100	U	100	16
71-55-6	1,1,1-Trichloroethane	100	U	100	25
110-82-7	Cyclohexane	100	U	100	12
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
107-06-2	1,2-Dichloroethane	100	U	100	25
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	8.0
78-87-5	1,2-Dichloropropane	100	U	100	8.7
75-27-4	Dichlorobromomethane	100	U	100	9.0
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
127-18-4	Tetrachloroethene	100	U	100	20
591-78-6	2-Hexanone	1000	U	1000	55
124-48-1	Chlorodibromomethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89343/4
 Matrix: Solid Lab File ID: j04556.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04
 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.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	25
1330-20-7	Xylenes, Total	300	U	300	43
100-42-5	Styrene	100	U	100	14
75-25-2	Bromoform	100	U	100	9.9
98-82-8	Isopropylbenzene	100	U	100	21
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
541-73-1	1,3-Dichlorobenzene	100	U	100	23
106-46-7	1,4-Dichlorobenzene	100	U	100	15
95-50-1	1,2-Dichlorobenzene	100	U	100	16
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		57-135
460-00-4	4-Bromofluorobenzene	111		50-124
2037-26-5	Toluene-d8 (Surr)	96		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89343/4
Matrix: Solid Lab File ID: j04556.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 06:04
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.: 89343 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_09/10-12-11DE/13oct11dem.b/j04556.d
 Report Date: 13-Oct-2011 08:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
 Lab Smp Id: MB
 Inj Date : 13-OCT-2011 06:04
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.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	7.468	7.466	(0.948)	475108	46.9409	4700	
* 52 Fluorobenzene	96	7.877	7.881	(1.000)	1558737	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.738	9.734	(0.859)	1112723	47.8854	4800	
* 78 Chlorobenzene-d5	117	11.332	11.324	(1.000)	1154362	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.522	12.521	(0.911)	477756	55.4677	5500	
* 108 1,4-Dichlorobenzene-d4	152	13.753	13.759	(1.000)	425785	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
Report Date: 13-Oct-2011 08:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04556.d
Lab Smp Id: MB
Inj Date : 13-OCT-2011 06:04
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 04:24 Cal File: j04552.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: j04556.d

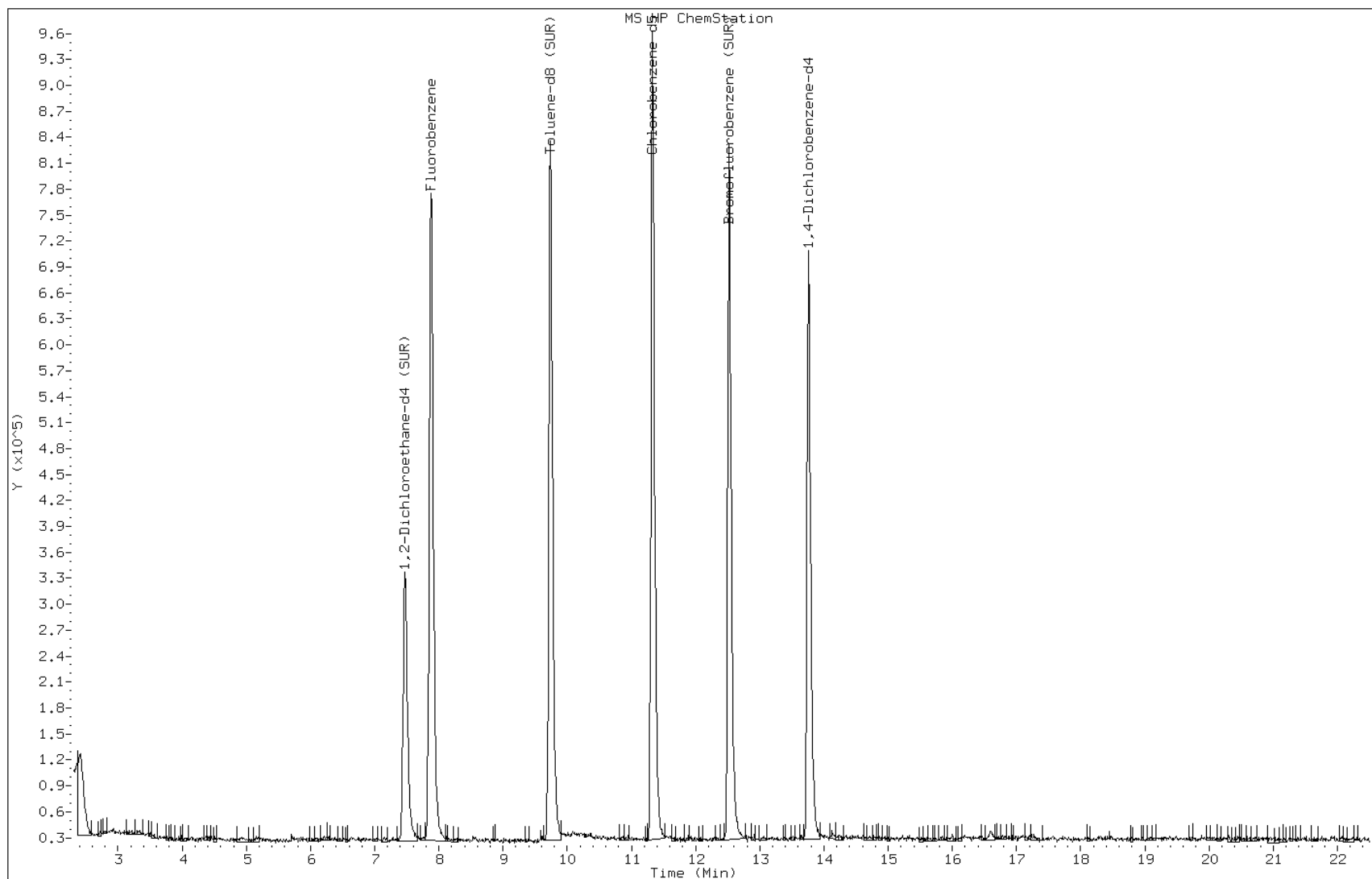
Date: 13-OCT-2011 06:04

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89343/3

Matrix: Solid Lab File ID: j04553.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 04:49

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.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1790		100	28
74-87-3	Chloromethane	2070		100	21
75-01-4	Vinyl chloride	1910		100	12
74-83-9	Bromomethane	1750		100	31
75-00-3	Chloroethane	1770		100	45
75-69-4	Trichlorofluoromethane	1880		100	16
75-35-4	1,1-Dichloroethene	1520		100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1880		100	29
67-64-1	Acetone	2370		1000	250
75-15-0	Carbon disulfide	1590		100	15
79-20-9	Methyl acetate	1720		200	33
75-09-2	Methylene Chloride	1680		100	19
156-60-5	trans-1,2-Dichloroethene	1610		100	14
1634-04-4	Methyl tert-butyl ether	1720		100	19
75-34-3	1,1-Dichloroethane	1670		100	10
156-59-2	cis-1,2-Dichloroethene	1690		100	19
78-93-3	2-Butanone (MEK)	1600		1000	82
67-66-3	Chloroform	1690		100	16
71-55-6	1,1,1-Trichloroethane	1690		100	25
110-82-7	Cyclohexane	2090		100	12
56-23-5	Carbon tetrachloride	1730		100	18
71-43-2	Benzene	1710		100	12
107-06-2	1,2-Dichloroethane	1690		100	25
79-01-6	Trichloroethene	1690		100	18
108-87-2	Methylcyclohexane	2610		100	8.0
78-87-5	1,2-Dichloropropane	1680		100	8.7
75-27-4	Dichlorobromomethane	1730		100	9.0
10061-01-5	cis-1,3-Dichloropropene	1660		100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1910		1000	68
108-88-3	Toluene	1770		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1730		100	12
79-00-5	1,1,2-Trichloroethane	1710		100	9.7
127-18-4	Tetrachloroethene	1870		100	20
591-78-6	2-Hexanone	1860		1000	55
124-48-1	Chlorodibromomethane	1750		100	10
106-93-4	1,2-Dibromoethane	1750		100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89343/3
 Matrix: Solid Lab File ID: j04553.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/13/2011 04:49
 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.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1710		100	17
100-41-4	Ethylbenzene	1730		100	25
1330-20-7	Xylenes, Total	5500		300	43
100-42-5	Styrene	1740		100	14
75-25-2	Bromoform	1820		100	9.9
98-82-8	Isopropylbenzene	1970		100	21
79-34-5	1,1,2,2-Tetrachloroethane	1740		100	8.6
541-73-1	1,3-Dichlorobenzene	2010		100	23
106-46-7	1,4-Dichlorobenzene	1830		100	15
95-50-1	1,2-Dichlorobenzene	1900		100	16
96-12-8	1,2-Dibromo-3-Chloropropane	1890		100	15
120-82-1	1,2,4-Trichlorobenzene	2210		100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
460-00-4	4-Bromofluorobenzene	102		50-124
2037-26-5	Toluene-d8 (Surr)	101		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Report Date: 17-Oct-2011 11:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Lab Smp Id: LCS
 Inj Date : 13-OCT-2011 04:49
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 3 QC Sample: METHSPIKE
 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		2.604	2.577	(0.330)	301569	17.9213 1800
3 Chloromethane	50		2.757	2.751	(0.350)	195623	20.7246 2100
4 Vinyl Chloride	62		2.931	2.933	(0.372)	212121	19.1357 1900
6 Bromomethane	94		3.310	3.315	(0.420)	170122	17.4645 1700
5 Chloroethane	64		3.420	3.433	(0.434)	106316	17.7140 1800
7 Trichlorofluoromethane	101		3.740	3.735	(0.475)	410111	18.8347 1900
8 n-Pentane	72		3.804	3.799	(0.483)	22336	22.4509 2200
9 Ethanol	46		3.932	3.964	(0.499)	81371	3042.54 300000
10 Isoprene	67		4.085	4.071	(0.518)	167683	18.4669 1800
11 Ethyl Ether	59		4.031	4.035	(0.512)	132572	18.0119 1800
13 Acrolein	56		4.221	4.217	(0.536)	38826	33.6309 3400
15 1,1-Dichloroethene	96		4.340	4.336	(0.551)	157611	15.2120 1500
14 Freon TF	101		4.358	4.336	(0.553)	336474	18.8104 1900
16 Acetone	58		4.403	4.391	(0.559)	13121	23.7334 2400

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
17 Iodomethane	142	4.539	4.538	(0.576)	498307	17.4656	1700
18 Carbon Disulfide	76	4.621	4.620	(0.586)	470123	15.9189	1600
21 Acetonitrile	39	4.749	4.729	(0.603)	41563	445.733	44000
27 Methyl Acetate	74	4.739	4.748	(0.602)	37273	17.1909	1700
22 Methylene Chloride	84	4.895	4.893	(0.621)	203812	16.7627	1700
24 TBA	59	4.986	4.993	(0.633)	277980	366.277	37000
25 trans-1,2-Dichloroethene	96	5.195	5.202	(0.659)	194118	16.1340	1600
26 Acrylonitrile	53	5.177	5.193	(0.657)	45427	18.8012	1900
28 MTBE	73	5.177	5.184	(0.657)	462256	17.1748	1700
29 Hexane	56	5.469	5.480	(0.694)	105899	28.8892	2900(R)
30 1,1-Dichloroethane	63	5.697	5.699	(0.723)	394060	16.7004	1700
31 Vinyl Acetate	43	5.724	5.726	(0.727)	568847	18.1024	1800
32 DIPE	45	5.724	5.726	(0.727)	832690	17.4952	1700
35 t-Butyl-ethyl-ether	59	6.161	6.165	(0.782)	675381	18.0007	1800
37 2,2-Dichloropropane	77	6.432	6.426	(0.816)	314064	17.3688	1700
36 cis-1,2-Dichloroethene	96	6.415	6.409	(0.814)	228314	16.9343	1700
38 2-Butanone	72	6.424	6.418	(0.815)	14890	15.9928	1600
39 Ethyl Acetate	70	6.441	6.444	(0.817)	45916	35.7214	3600
40 Bromochloromethane	128	6.731	6.725	(0.854)	149217	16.2714	1600
41 Tetrahydrofuran	42	6.767	6.780	(0.859)	49426	19.7806	2000
42 Chloroform	83	6.795	6.797	(0.862)	433572	16.8706	1700
43 1,1,1-Trichloroethane	97	7.051	7.062	(0.895)	339902	16.8948	1700
44 Cyclohexane	56	7.132	7.125	(0.905)	242659	20.8897	2100
45 Carbon Tetrachloride	117	7.270	7.268	(0.923)	311788	17.2508	1700
46 1,1-Dichloropropene	75	7.260	7.259	(0.922)	287042	16.9090	1700
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.470	7.466	(0.948)	495801	50.2644	5000
48 Benzene	78	7.544	7.539	(0.666)	564441	17.1390	1700
49 1,2-Dichloroethane	62	7.562	7.565	(0.960)	253537	16.8951	1700
51 n-Heptane	57	7.806	7.798	(0.991)	62497	19.2344	1900
50 t-Amyl-methyl-ether	73	7.625	7.634	(0.968)	574764	18.2341	1800
* 52 Fluorobenzene	96	7.879	7.881	(1.000)	1519074	50.0000	
54 Trichloroethene	95	8.324	8.324	(1.056)	248609	16.9426	1700
53 n-Butanol	43	8.161	8.169	(1.036)	165905	1584.39	160000
56 Methyl cyclohexane	83	8.551	8.551	(1.085)	209474	26.1461	2600
55 Ethyl Acrylate	55	8.396	8.395	(1.066)	247387	18.2819	1800
57 1,2-Dichloropropane	63	8.615	8.606	(1.093)	250723	16.8201	1700
58 Dibromomethane	93	8.758	8.762	(1.112)	221516	16.5395	1600
60 1,4-Dioxane	88	8.749	8.762	(1.110)	15508	183.583	18000(a)
59 Methyl Methacrylate	100	8.689	8.688	(1.103)	55497	18.5988	1800
75 Propyl Acetate	43	8.740	8.743	(1.109)	670347	37.9067	3800
68 Bromodichloromethane	83	8.919	8.917	(1.132)	433820	17.2701	1700
62 2-Chloroethyl Vinyl Ether	63	9.228	9.238	(1.171)	131097	17.3105	1700
63 Epichlorohydrin	57	9.337	9.338	(0.824)	355606	355.256	36000
67 cis-1,3-Dichloropropene	75	9.429	9.430	(0.832)	365386	16.6213	1700
70 4-Methyl-2-Pentanone	43	9.574	9.583	(0.845)	209544	19.1416	1900
\$ 65 Toluene-d8 (SUR)	98	9.739	9.734	(0.860)	1140628	50.6915	5100
66 Toluene	91	9.812	9.817	(0.866)	572243	17.7490	1800

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
 Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
64 trans-1,3-Dichloropropene	75	10.045	10.046	(0.887)	299959	17.2865	1700
69 1,1,2-Trichloroethane	83	10.264	10.266	(0.906)	182805	17.1185	1700
71 Tetrachloroethene	166	10.427	10.421	(0.920)	229331	18.6706	1900
72 1,3-Dichloropropane	76	10.454	10.458	(0.923)	331308	17.0792	1700
73 2-Hexanone	43	10.509	10.503	(0.928)	121429	18.6416	1900
74 Dibromochloromethane	129	10.718	10.714	(0.946)	366344	17.4756	1700
76 Butyl Acetate	73	10.610	10.613	(0.937)	123125	35.6332	3600
77 1,2-Dibromoethane	107	10.856	10.859	(0.958)	304102	17.4743	1700
* 78 Chlorobenzene-d5	117	11.328	11.324	(1.000)	1117807	50.0000	
79 Chlorobenzene	112	11.365	11.360	(1.003)	423136	17.1372	1700
80 1,1,1,2-Tetrachloroethane	131	11.437	11.432	(1.010)	243228	17.1768	1700
81 Ethylbenzene	106	11.446	11.450	(1.010)	167091	17.2808	1700
82 m+p-Xylene	106	11.565	11.561	(1.021)	458915	36.7340	3700
84 o-Xylene	106	11.982	11.984	(1.058)	223903	18.2277	1800
85 Styrene	104	11.992	11.993	(1.059)	391092	17.3794	1700
83 Butyl Acrylate	73	11.872	11.878	(1.048)	180732	18.8665	1900
86 Bromoform	173	12.223	12.229	(1.079)	232570	18.1694	1800
87 Amyl Acetate	43	12.101	12.094	(0.880)	395423	28.2007	2800(R)
88 Isopropylbenzene	105	12.342	12.339	(1.090)	573027	19.7103	2000
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.521	(0.910)	515275	51.1847	5100
90 Camphene (total)	41	12.632	12.631	(1.115)	77926	32.1198	3200(R)
91 Bromobenzene	156	12.706	12.703	(0.924)	218357	17.6130	1800
92 1,1,2,2-Tetrachloroethane	83	12.650	12.649	(0.920)	321620	17.4201	1700
93 1,2,3-Trichloropropane	110	12.715	12.722	(0.924)	77324	17.5134	1800
94 trans-1,4-Dichloro-2-butene	53	12.706	12.703	(0.924)	69686	21.6565	2200
95 n-Propylbenzene	91	12.761	12.758	(0.928)	671900	20.6994	2100
96 2-Chlorotoluene	91	12.888	12.885	(0.937)	364909	17.0671	1700
97 1,3,5-Trimethylbenzene	105	12.925	12.931	(0.940)	450438	19.9389	2000
98 4-Chlorotoluene	91	12.989	12.986	(0.944)	522406	18.1312	1800
99 Butyl Methacrylate	87	12.962	12.959	(0.942)	310802	18.7434	1900
100 tert-Butylbenzene	119	13.279	13.285	(0.965)	458813	20.9329	2100
101 1,2,4-Trimethylbenzene	105	13.334	13.330	(0.969)	464155	19.7041	2000
102 2-Octanone	43	13.380	13.385	(0.973)	389203	21.3117	2100
103 sec-Butylbenzene	105	13.518	13.522	(0.983)	610002	21.3006	2100
104 2-Octanol	45	13.426	13.431	(0.976)	94611	20.4423	2000
105 1,3-Dichlorobenzene	146	13.692	13.695	(0.995)	309634	20.0790	2000
107 p-Isopropyltoluene	119	13.656	13.658	(0.993)	474604	21.5143	2200
* 108 1,4-Dichlorobenzene-d4	152	13.757	13.759	(1.000)	497650	50.0000	
109 1,4-Dichlorobenzene	146	13.784	13.787	(1.002)	366883	18.2911	1800
110 Benzyl Chloride	91	13.929	13.931	(1.013)	309524	17.0714	1700
106 n-Butylbenzene	91	14.121	14.121	(1.026)	431945	21.3912	2100
111 1,2-Dichlorobenzene	146	14.231	14.236	(1.034)	329410	19.0169	1900
112 1,2-Dibromo-3-chloropropane	75	15.197	15.200	(1.105)	59541	18.8588	1900
113 Camphor	95	16.251	16.253	(1.181)	119086	99.8386	10000
114 1,2,4-Trichlorobenzene	180	16.388	16.390	(1.191)	154481	22.1118	2200
115 Hexachlorobutadiene	225	16.604	16.600	(1.207)	139206	18.1691	1800
116 Naphthalene	128	16.841	16.837	(1.224)	232469	22.4203	2200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04553.d
Report Date: 17-Oct-2011 11:12

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
117 1,2,3-Trichlorobenzene	180	17.250	17.268	(1.254)	113603	19.7356	2000
M 120 1,2-Dichloroethene (Total)	100				422432	33.1138	3300
M 121 Xylene (Total)	100				682819	54.9616	5500

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: j04553.d

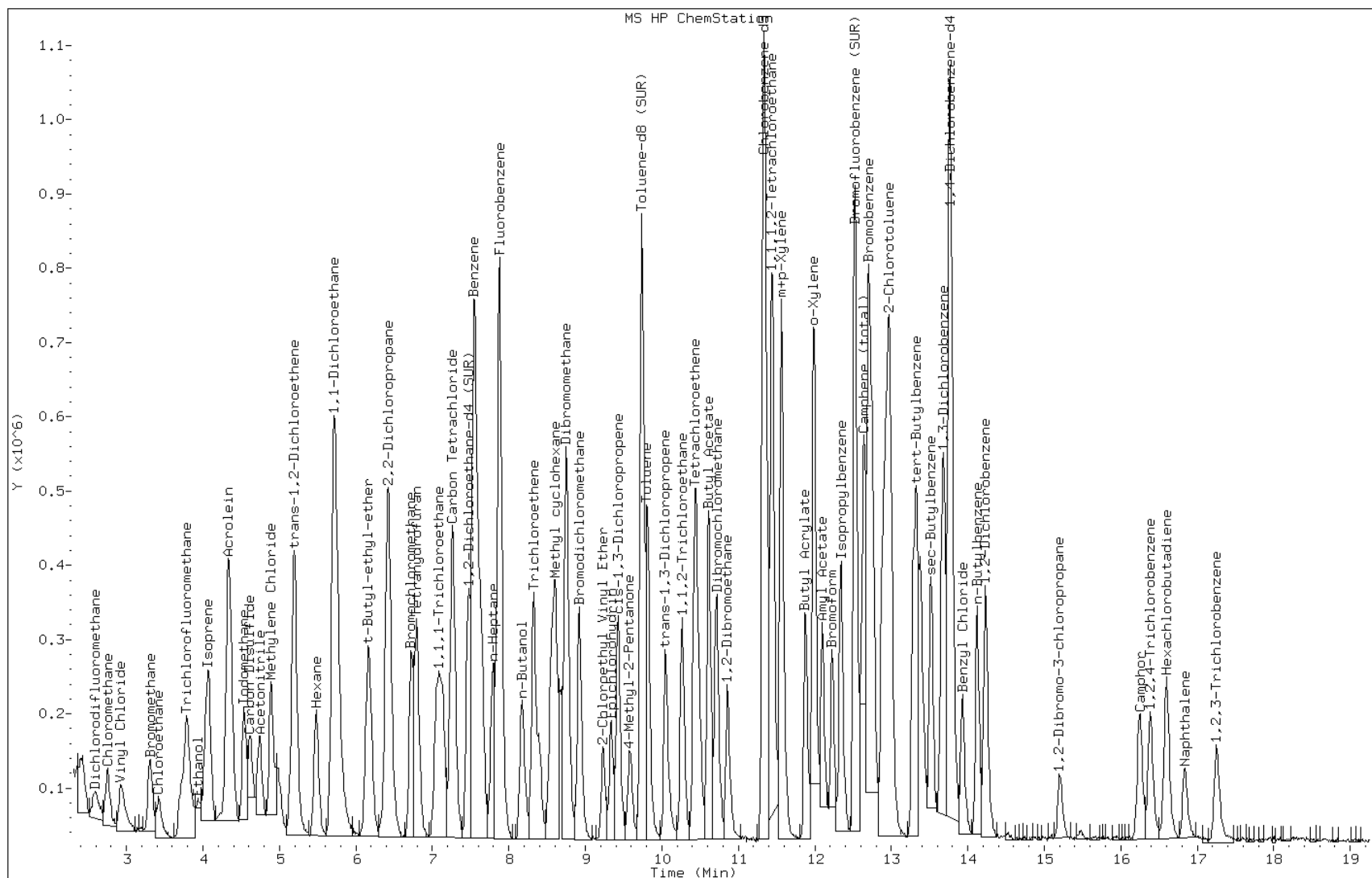
Date: 13-OCT-2011 04:49

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-32125-B-1-A MS

Matrix: Solid Lab File ID: j04574.d

Analysis Method: 8260B Date Collected: 10/05/2011 10:30

Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 13:37

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

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

% Moisture: 18.2 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2400		120	34
74-87-3	Chloromethane	2310		120	25
75-01-4	Vinyl chloride	2430		120	14
74-83-9	Bromomethane	1690		120	37
75-00-3	Chloroethane	1350		120	53
75-69-4	Trichlorofluoromethane	2070		120	19
75-35-4	1,1-Dichloroethene	1760		120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2150		120	34
67-64-1	Acetone	2410		1200	290
75-15-0	Carbon disulfide	1770		120	17
79-20-9	Methyl acetate	2130		240	39
75-09-2	Methylene Chloride	1990		120	23
156-60-5	trans-1,2-Dichloroethene	1890		120	16
1634-04-4	Methyl tert-butyl ether	2030		120	22
75-34-3	1,1-Dichloroethane	2030		120	12
156-59-2	cis-1,2-Dichloroethene	1970		120	23
78-93-3	2-Butanone (MEK)	2290		1200	97
67-66-3	Chloroform	2050		120	18
71-55-6	1,1,1-Trichloroethane	2000		120	29
110-82-7	Cyclohexane	2220		120	15
56-23-5	Carbon tetrachloride	2100		120	21
71-43-2	Benzene	1980		120	14
107-06-2	1,2-Dichloroethane	2070		120	29
79-01-6	Trichloroethene	2090		120	21
108-87-2	Methylcyclohexane	2340		120	9.5
78-87-5	1,2-Dichloropropane	2070		120	10
75-27-4	Dichlorobromomethane	2160		120	11
10061-01-5	cis-1,3-Dichloropropene	1910		120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	2050		1200	81
108-88-3	Toluene	2030		120	11
10061-02-6	trans-1,3-Dichloropropene	1960		120	14
79-00-5	1,1,2-Trichloroethane	1920		120	12
127-18-4	Tetrachloroethene	2150		120	23
591-78-6	2-Hexanone	1920		1200	65
124-48-1	Chlorodibromomethane	1880		120	12
106-93-4	1,2-Dibromoethane	1940		120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32125-B-1-A MS
 Matrix: Solid Lab File ID: j04574.d
 Analysis Method: 8260B Date Collected: 10/05/2011 10:30
 Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 13:37
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.2 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	2060		120	20
100-41-4	Ethylbenzene	2030		120	29
1330-20-7	Xylenes, Total	6180		350	51
100-42-5	Styrene	2070		120	16
75-25-2	Bromoform	1990		120	12
98-82-8	Isopropylbenzene	2080		120	25
79-34-5	1,1,2,2-Tetrachloroethane	1870		120	10
541-73-1	1,3-Dichlorobenzene	2000		120	27
106-46-7	1,4-Dichlorobenzene	1940		120	18
95-50-1	1,2-Dichlorobenzene	2000		120	19
96-12-8	1,2-Dibromo-3-Chloropropane	2100		120	18
120-82-1	1,2,4-Trichlorobenzene	2470		120	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		57-135
460-00-4	4-Bromofluorobenzene	96		50-124
2037-26-5	Toluene-d8 (Surr)	94		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Report Date: 14-Oct-2011 03:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
 Lab Smp Id: 460-32125-B-1-AMS
 Inj Date : 13-OCT-2011 13:37
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-1-AMS;50;;12.93;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 24 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	12.93000	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	2.595	2.577	(0.329)	325701	20.3426	2000	
3 Chloromethane	50	2.760	2.751	(0.350)	175409	19.5309	1900	
4 Vinyl Chloride	62	2.934	2.933	(0.372)	217282	20.6009	2000	
6 Bromomethane	94	3.289	3.315	(0.417)	132392	14.2844	1400	
5 Chloroethane	64	3.399	3.433	(0.431)	65434	11.4584	1100(R)	
7 Trichlorofluoromethane	101	3.718	3.735	(0.471)	362789	17.5112	1700	
8 n-Pentane	72	3.773	3.799	(0.478)	16810	17.7588	1700	
9 Ethanol	46	4.056	3.964	(0.514)	26012	1022.21	99000(R)	
10 Isoprene	67	4.065	4.071	(0.515)	157657	18.2482	1800	
11 Ethyl Ether	59	4.047	4.035	(0.513)	117895	16.8348	1600	
13 Acrolein	56	4.220	4.217	(0.535)	28987	26.3892	2600	
15 1,1-Dichloroethene	96	4.339	4.336	(0.550)	147106	14.9223	1400	
14 Freon TF	101	4.348	4.336	(0.551)	308976	18.1541	1800	
16 Acetone	58	4.402	4.391	(0.558)	10740	20.4188	2000	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
17 Iodomethane	142	4.540	4.538	(0.575)	457792	16.8639	1600
18 Carbon Disulfide	76	4.631	4.620	(0.587)	419933	14.9446	1400
21 Acetonitrile	39	4.749	4.729	(0.602)	43483	490.109	47000
27 Methyl Acetate	74	4.767	4.748	(0.604)	37185	18.0252	1700
22 Methylene Chloride	84	4.894	4.893	(0.620)	194464	16.8096	1600
24 TBA	59	5.031	4.993	(0.637)	272205	376.960	36000
25 trans-1,2-Dichloroethene	96	5.205	5.202	(0.659)	183343	16.0156	1500
26 Acrylonitrile	53	5.196	5.193	(0.658)	43532	18.9358	1800
28 MTBE	73	5.196	5.184	(0.658)	439698	17.1699	1600
29 Hexane	56	5.478	5.480	(0.694)	67333	19.3052	1900
30 1,1-Dichloroethane	63	5.720	5.699	(0.725)	385679	17.1789	1700
31 Vinyl Acetate	43	5.738	5.726	(0.727)	547679	18.3177	1800
32 DIPE	45	5.738	5.726	(0.727)	820368	18.1154	1800
35 t-Butyl-ethyl-ether	59	6.182	6.165	(0.783)	642067	17.9856	1700
37 2,2-Dichloropropane	77	6.425	6.426	(0.814)	293804	17.0770	1600
36 cis-1,2-Dichloroethene	96	6.425	6.409	(0.814)	214351	16.7096	1600
38 2-Butanone	72	6.434	6.418	(0.815)	17138	19.3469	1900
39 Ethyl Acetate	70	6.471	6.444	(0.820)	38581	31.5457	3000
40 Bromochloromethane	128	6.736	6.725	(0.854)	144156	16.5213	1600
41 Tetrahydrofuran	42	6.800	6.780	(0.862)	44215	18.5976	1800
42 Chloroform	83	6.809	6.797	(0.863)	424536	17.3615	1700
43 1,1,1-Trichloroethane	97	7.062	7.062	(0.895)	323701	16.9101	1600
44 Cyclohexane	56	7.136	7.125	(0.904)	207372	18.7625	1800
45 Carbon Tetrachloride	117	7.282	7.268	(0.923)	304933	17.7319	1700
46 1,1-Dichloropropene	75	7.273	7.259	(0.922)	283081	17.5261	1700
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.482	7.466	(0.948)	470561	50.1387	4800
48 Benzene	78	7.555	7.539	(0.666)	553185	16.7177	1600
49 1,2-Dichloroethane	62	7.583	7.565	(0.961)	249564	17.4786	1700
51 n-Heptane	57	7.801	7.798	(0.988)	38382	12.4151	1200(R)
50 t-Amyl-methyl-ether	73	7.654	7.634	(0.970)	558764	18.6306	1800
* 52 Fluorobenzene	96	7.892	7.881	(1.000)	1445358	50.0000	
54 Trichloroethene	95	8.336	8.324	(1.056)	247291	17.7123	1700
53 n-Butanol	43	8.191	8.169	(1.038)	146036	1465.77	140000
56 Methyl cyclohexane	83	8.574	8.551	(1.086)	150943	19.8013	1900
55 Ethyl Acrylate	55	8.418	8.395	(1.067)	245576	19.0736	1800
57 1,2-Dichloropropane	63	8.619	8.606	(1.092)	248655	17.5321	1700
58 Dibromomethane	93	8.766	8.762	(1.111)	214051	16.7972	1600
60 1,4-Dioxane	88	8.756	8.762	(1.109)	11861	147.568	14000(a)
59 Methyl Methacrylate	100	8.692	8.688	(1.101)	50861	17.9146	1700
75 Propyl Acetate	43	8.756	8.743	(1.109)	597474	35.5091	3400
68 Bromodichloromethane	83	8.939	8.917	(1.133)	436536	18.2646	1800
62 2-Chloroethyl Vinyl Ether	63	9.246	9.238	(1.172)	128220	17.7943	1700
63 Epichlorohydrin	57	9.355	9.338	(0.825)	330152	328.265	32000
67 cis-1,3-Dichloropropene	75	9.437	9.430	(0.832)	356836	16.1555	1600
70 4-Methyl-2-Pentanone	43	9.602	9.583	(0.847)	191014	17.3662	1700
\$ 65 Toluene-d8 (SUR)	98	9.756	9.734	(0.860)	1065050	47.1084	4600
66 Toluene	91	9.829	9.817	(0.867)	556450	17.1774	1700

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
64 trans-1,3-Dichloropropene	75	10.058	10.046	(0.887)	288481	16.5463	1600	
69 1,1,2-Trichloroethane	83	10.276	10.266	(0.906)	173861	16.2038	1600	
71 Tetrachloroethene	166	10.432	10.421	(0.920)	224568	18.1962	1800	
72 1,3-Dichloropropane	76	10.467	10.458	(0.923)	333818	17.1271	1600	
73 2-Hexanone	43	10.519	10.503	(0.928)	106220	16.2296	1600	
74 Dibromochloromethane	129	10.729	10.714	(0.946)	335454	15.9262	1500	
76 Butyl Acetate	73	10.629	10.613	(0.937)	114821	33.0727	3200	
77 1,2-Dibromoethane	107	10.876	10.859	(0.959)	287216	16.4258	1600	
* 78 Chlorobenzene-d5	117	11.339	11.324	(1.000)	1123128	50.0000		
79 Chlorobenzene	112	11.373	11.360	(1.003)	431876	17.4083	1700	
80 1,1,1,2-Tetrachloroethane	131	11.446	11.432	(1.009)	234826	16.5050	1600	
81 Ethylbenzene	106	11.465	11.450	(1.011)	167236	17.2139	1700	
82 m+p-Xylene	106	11.575	11.561	(1.021)	439715	35.0304	3400	
84 o-Xylene	106	11.996	11.984	(1.058)	213475	17.2964	1700	
85 Styrene	104	12.005	11.993	(1.059)	395810	17.5057	1700	
83 Butyl Acrylate	73	11.895	11.878	(1.049)	177562	18.4478	1800	
86 Bromoform	173	12.243	12.229	(1.080)	216870	16.8626	1600	
87 Amyl Acetate	43	12.115	12.094	(0.879)	392635	27.3780	2600(R)	
88 Isopropylbenzene	105	12.353	12.339	(1.089)	512969	17.5609	1700	
\$ 89 Bromofluorobenzene (SUR)	174	12.537	12.521	(0.910)	493814	47.9599	4600	
90 Camphene (total)	41	12.647	12.631	(1.115)	63391	26.0048	2500	
91 Bromobenzene	156	12.720	12.703	(0.923)	216491	17.0735	1600	
92 1,1,2,2-Tetrachloroethane	83	12.665	12.649	(0.919)	298946	15.8313	1500(R)	
93 1,2,3-Trichloropropane	110	12.728	12.722	(0.924)	76741	16.9941	1600	
94 trans-1,4-Dichloro-2-butene	53	12.711	12.703	(0.922)	71879	21.8403	2100	
95 n-Propylbenzene	91	12.772	12.758	(0.927)	570995	17.1988	1700	
96 2-Chlorotoluene	91	12.892	12.885	(0.935)	404876	18.5145	1800	
97 1,3,5-Trimethylbenzene	105	12.938	12.931	(0.939)	390888	16.9174	1600	
98 4-Chlorotoluene	91	13.002	12.986	(0.943)	484808	16.4514	1600	
99 Butyl Methacrylate	87	12.974	12.959	(0.941)	309105	18.2256	1800	
100 tert-Butylbenzene	119	13.303	13.285	(0.965)	383006	17.0849	1600	
101 1,2,4-Trimethylbenzene	105	13.348	13.330	(0.969)	406214	16.8602	1600	
102 2-Octanone	43	13.401	13.385	(0.972)	363265	19.4482	1900	
103 sec-Butylbenzene	105	13.527	13.522	(0.982)	505141	17.2459	1700	
104 2-Octanol	45	13.454	13.431	(0.976)	142918	30.1919	2900(R)	
105 1,3-Dichlorobenzene	146	13.710	13.695	(0.995)	266672	16.9077	1600	
107 p-Isopropyltoluene	119	13.673	13.658	(0.992)	385986	17.1073	1600	
* 108 1,4-Dichlorobenzene-d4	152	13.781	13.759	(1.000)	508991	50.0000		
109 1,4-Dichlorobenzene	146	13.800	13.787	(1.001)	336981	16.4260	1600(R)	
110 Benzyl Chloride	91	13.945	13.931	(1.012)	301846	16.2770	1600	
106 n-Butylbenzene	91	14.136	14.121	(1.026)	359272	17.3958	1700	
111 1,2-Dichlorobenzene	146	14.255	14.236	(1.034)	300164	16.9425	1600	
112 1,2-Dibromo-3-chloropropane	75	15.217	15.200	(1.104)	57300	17.7446	1700	
113 Camphor	95	16.268	16.253	(1.180)	106066	86.9416	8400	
114 1,2,4-Trichlorobenzene	180	16.415	16.390	(1.191)	149558	20.9302	2000	
115 Hexachlorobutadiene	225	16.616	16.600	(1.206)	79537	10.1499	980(R)	
116 Naphthalene	128	16.865	16.837	(1.224)	209308	19.7368	1900	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04574.d
Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG		CONCENTRATIONS				
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
117 1,2,3-Trichlorobenzene	180	17.294	17.268	(1.255)	108228	18.3829	1800
M 120 1,2-Dichloroethene (Total)	100				397694	32.7646	3200
M 121 Xylene (Total)	100				653191	52.3268	5000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

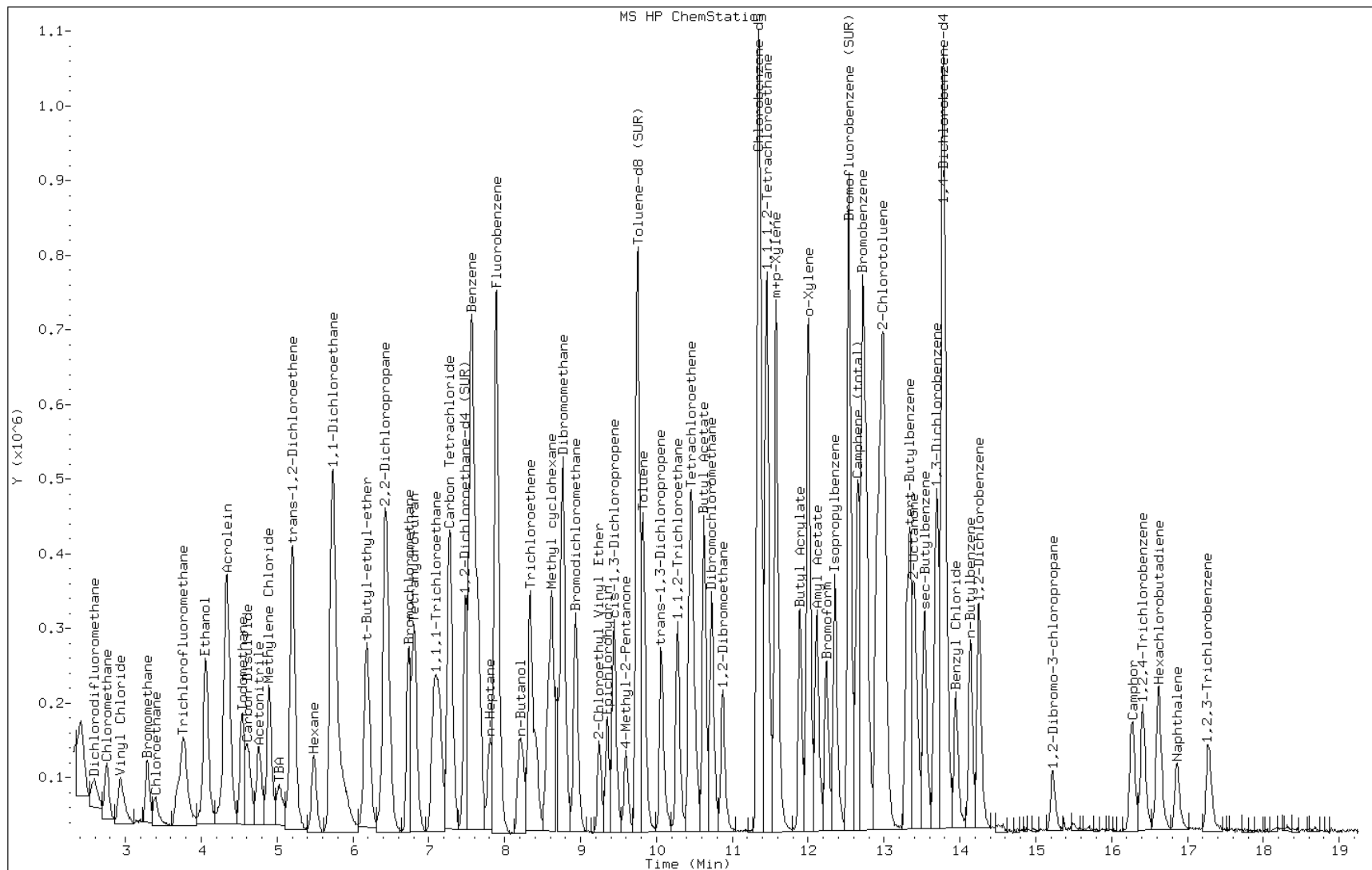
Data File: j04574.d

Date: 13-OCT-2011 13:37

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-32125-B-1-AMS;50;;12.93;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-32125-B-1-A MSD

Matrix: Solid Lab File ID: j04575.d

Analysis Method: 8260B Date Collected: 10/05/2011 10:30

Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 14:02

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

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

% Moisture: 18.2 Level: (low/med) Medium

Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	2260		120	34
74-87-3	Chloromethane	2420		120	25
75-01-4	Vinyl chloride	2630		120	14
74-83-9	Bromomethane	1520		120	37
75-00-3	Chloroethane	1470		120	53
75-69-4	Trichlorofluoromethane	2100		120	19
75-35-4	1,1-Dichloroethene	1770		120	17
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2230		120	34
67-64-1	Acetone	2300		1200	290
75-15-0	Carbon disulfide	1830		120	17
79-20-9	Methyl acetate	2140		240	39
75-09-2	Methylene Chloride	2000		120	23
156-60-5	trans-1,2-Dichloroethene	1970		120	16
1634-04-4	Methyl tert-butyl ether	2060		120	22
75-34-3	1,1-Dichloroethane	2030		120	12
156-59-2	cis-1,2-Dichloroethene	2030		120	23
78-93-3	2-Butanone (MEK)	2180		1200	97
67-66-3	Chloroform	2090		120	18
71-55-6	1,1,1-Trichloroethane	2100		120	29
110-82-7	Cyclohexane	2290		120	15
56-23-5	Carbon tetrachloride	2140		120	21
71-43-2	Benzene	2040		120	14
107-06-2	1,2-Dichloroethane	2100		120	29
79-01-6	Trichloroethene	2080		120	21
108-87-2	Methylcyclohexane	2450		120	9.5
78-87-5	1,2-Dichloropropane	2060		120	10
75-27-4	Dichlorobromomethane	2130		120	11
10061-01-5	cis-1,3-Dichloropropene	1980		120	12
108-10-1	4-Methyl-2-pentanone (MIBK)	2150		1200	81
108-88-3	Toluene	2150		120	11
10061-02-6	trans-1,3-Dichloropropene	2070		120	14
79-00-5	1,1,2-Trichloroethane	2040		120	12
127-18-4	Tetrachloroethene	2210		120	23
591-78-6	2-Hexanone	2070		1200	65
124-48-1	Chlorodibromomethane	2020		120	12
106-93-4	1,2-Dibromoethane	2070		120	11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32125-B-1-A MSD
 Matrix: Solid Lab File ID: j04575.d
 Analysis Method: 8260B Date Collected: 10/05/2011 10:30
 Sample wt/vol: 12.93(g) Date Analyzed: 10/13/2011 14:02
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 18.2 Level: (low/med) Medium
 Analysis Batch No.: 89343 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	2110		120	20
100-41-4	Ethylbenzene	2090		120	29
1330-20-7	Xylenes, Total	6510		350	51
100-42-5	Styrene	2160		120	16
75-25-2	Bromoform	2100		120	12
98-82-8	Isopropylbenzene	2200		120	25
79-34-5	1,1,2,2-Tetrachloroethane	2020		120	10
541-73-1	1,3-Dichlorobenzene	2120		120	27
106-46-7	1,4-Dichlorobenzene	2160		120	18
95-50-1	1,2-Dichlorobenzene	2010		120	19
96-12-8	1,2-Dibromo-3-Chloropropane	2180		120	18
120-82-1	1,2,4-Trichlorobenzene	2850		120	52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		57-135
460-00-4	4-Bromofluorobenzene	98		50-124
2037-26-5	Toluene-d8 (Surr)	97		46-130

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Lab Smp Id: 460-32125-B-1-AMSD
 Inj Date : 13-OCT-2011 14:02
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-32125-B-1-AMSD;50;;12.93;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/8260DE_09.m
 Meth Date : 13-Oct-2011 08:25 audberto Quant Type: ISTD
 Cal Date : 13-OCT-2011 04:24 Cal File: j04552.d
 Als bottle: 25 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	12.93000	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	2.595	2.577	(0.329)	286919	19.1397	1800	
3 Chloromethane	50	2.759	2.751	(0.350)	172098	20.4660	2000	
4 Vinyl Chloride	62	2.938	2.933	(0.372)	220170	22.2950	2200	
6 Bromomethane	94	3.292	3.315	(0.417)	111747	12.8773	1200	
5 Chloroethane	64	3.402	3.433	(0.431)	66585	12.4534	1200(R)	
7 Trichlorofluoromethane	101	3.722	3.735	(0.472)	344148	17.7417	1700	
8 n-Pentane	72	3.775	3.799	(0.478)	17157	19.3584	1900	
9 Ethanol	46	4.046	3.964	(0.513)	65321	2741.65	260000	
10 Isoprene	67	4.064	4.071	(0.515)	150493	18.6042	1800	
11 Ethyl Ether	59	4.046	4.035	(0.513)	106745	16.2798	1600	
13 Acrolein	56	4.225	4.217	(0.535)	24478	23.8006	2300	
15 1,1-Dichloroethene	96	4.335	4.336	(0.549)	138415	14.9960	1400	
14 Freon TF	101	4.344	4.336	(0.550)	300792	18.8757	1800	
16 Acetone	58	4.415	4.391	(0.559)	9581	19.4544	1900	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
17 Iodomethane	142	4.534	4.538	(0.574)	448290	17.6375	1700	
18 Carbon Disulfide	76	4.625	4.620	(0.586)	408002	15.5079	1500	
21 Acetonitrile	39	4.744	4.729	(0.601)	20886	251.439	24000	
27 Methyl Acetate	74	4.762	4.748	(0.603)	35003	18.1221	1800	
22 Methylene Chloride	84	4.898	4.893	(0.621)	183679	16.9576	1600	
24 TBA	59	5.026	4.993	(0.637)	267277	395.320	38000	
25 trans-1,2-Dichloroethene	96	5.208	5.202	(0.660)	178304	16.6353	1600	
26 Acrylonitrile	53	5.199	5.193	(0.659)	35364	16.4295	1600	
28 MTBE	73	5.199	5.184	(0.659)	418898	17.4706	1700	
29 Hexane	56	5.481	5.480	(0.694)	60173	18.4263	1800	
30 1,1-Dichloroethane	63	5.715	5.699	(0.724)	360998	17.1736	1700	
31 Vinyl Acetate	43	5.743	5.726	(0.728)	516112	18.4364	1800	
32 DIPE	45	5.743	5.726	(0.728)	765782	18.0606	1700	
35 t-Butyl-ethyl-ether	59	6.197	6.165	(0.785)	620258	18.5569	1800	
37 2,2-Dichloropropane	77	6.435	6.426	(0.815)	290094	18.0086	1700	
36 cis-1,2-Dichloroethene	96	6.426	6.409	(0.814)	206219	17.1694	1600	
38 2-Butanone	72	6.426	6.418	(0.814)	15304	18.4523	1800	
39 Ethyl Acetate	70	6.453	6.444	(0.818)	39903	34.8469	3400	
40 Bromochloromethane	128	6.727	6.725	(0.852)	141420	17.3104	1700	
41 Tetrahydrofuran	42	6.782	6.780	(0.859)	41544	18.6634	1800	
42 Chloroform	83	6.818	6.797	(0.864)	403936	17.6430	1700	
43 1,1,1-Trichloroethane	97	7.082	7.062	(0.897)	318771	17.7856	1700	
44 Cyclohexane	56	7.155	7.125	(0.907)	200410	19.3663	1900	
45 Carbon Tetrachloride	117	7.283	7.268	(0.923)	291213	18.0863	1700	
46 1,1-Dichloropropene	75	7.265	7.259	(0.920)	266905	17.6490	1700	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.484	7.466	(0.948)	443240	50.4409	4900	
48 Benzene	78	7.558	7.539	(0.666)	523648	17.2893	1700	
49 1,2-Dichloroethane	62	7.585	7.565	(0.961)	237846	17.7913	1700	
51 n-Heptane	57	7.813	7.798	(0.990)	63897	22.0744	2100	
50 t-Amyl-methyl-ether	73	7.649	7.634	(0.969)	533761	19.0078	1800	
* 52 Fluorobenzene	96	7.893	7.881	(1.000)	1353281	50.0000		
54 Trichloroethene	95	8.339	8.324	(1.057)	230506	17.6335	1700	
53 n-Butanol	43	8.220	8.169	(1.041)	142931	1532.21	150000	
56 Methyl cyclohexane	83	8.568	8.551	(1.086)	147740	20.6998	2000	
55 Ethyl Acrylate	55	8.421	8.395	(1.067)	235001	19.4941	1900	
57 1,2-Dichloropropane	63	8.632	8.606	(1.094)	231711	17.4490	1700	
58 Dibromomethane	93	8.768	8.762	(1.111)	214248	17.9567	1700	
60 1,4-Dioxane	88	8.787	8.762	(1.113)	12066	160.331	15000(a)	
59 Methyl Methacrylate	100	8.695	8.688	(1.102)	49125	18.4805	1800	
75 Propyl Acetate	43	8.759	8.743	(1.110)	574911	36.4929	3500	
68 Bromodichloromethane	83	8.933	8.917	(1.132)	403368	18.0251	1700	
62 2-Chloroethyl Vinyl Ether	63	9.252	9.238	(1.172)	112106	16.6165	1600	
63 Epichlorohydrin	57	9.353	9.338	(0.824)	317599	345.002	33000	
67 cis-1,3-Dichloropropene	75	9.444	9.430	(0.832)	338388	16.7378	1600	
70 4-Methyl-2-Pentanone	43	9.591	9.583	(0.845)	182792	18.1564	1800	
\$ 65 Toluene-d8 (SUR)	98	9.755	9.734	(0.860)	1006792	48.6520	4700	
66 Toluene	91	9.828	9.817	(0.866)	540558	18.2309	1800	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
64 trans-1,3-Dichloropropene	75	10.066	10.046	(0.887)	279362	17.5059	1700	
69 1,1,2-Trichloroethane	83	10.284	10.266	(0.906)	169889	17.2987	1700	
71 Tetrachloroethene	166	10.440	10.421	(0.920)	211577	18.7298	1800	
72 1,3-Dichloropropane	76	10.476	10.458	(0.923)	312585	17.5216	1700	
73 2-Hexanone	43	10.522	10.503	(0.927)	104886	17.5085	1700	
74 Dibromochloromethane	129	10.733	10.714	(0.946)	329307	17.0811	1600	
76 Butyl Acetate	73	10.623	10.613	(0.936)	109739	34.5334	3300	
77 1,2-Dibromoethane	107	10.879	10.859	(0.959)	280596	17.5320	1700	
* 78 Chlorobenzene-d5	117	11.345	11.324	(1.000)	1028009	50.0000		
79 Chlorobenzene	112	11.380	11.360	(1.003)	404989	17.8350	1700	
80 1,1,1,2-Tetrachloroethane	131	11.445	11.432	(1.009)	228770	17.5671	1700	
81 Ethylbenzene	106	11.463	11.450	(1.010)	157363	17.6964	1700	
82 m+p-Xylene	106	11.572	11.561	(1.020)	423859	36.8916	3600	
84 o-Xylene	106	11.992	11.984	(1.057)	205271	18.1705	1800	
85 Styrene	104	12.010	11.993	(1.059)	379073	18.3167	1800	
83 Butyl Acrylate	73	11.892	11.878	(1.048)	173390	19.6812	1900	
86 Bromoform	173	12.244	12.229	(1.079)	209596	17.8049	1700	
87 Amyl Acetate	43	12.111	12.094	(0.879)	370694	27.9123	2700(R)	
88 Isopropylbenzene	105	12.354	12.339	(1.089)	498095	18.6294	1800	
\$ 89 Bromofluorobenzene (SUR)	174	12.547	12.521	(0.911)	465270	48.7964	4700	
90 Camphene (total)	41	12.648	12.631	(1.115)	65825	29.5017	2800(R)	
91 Bromobenzene	156	12.720	12.703	(0.923)	207377	17.6608	1700	
92 1,1,2,2-Tetrachloroethane	83	12.675	12.649	(0.920)	299254	17.1131	1600(R)	
93 1,2,3-Trichloropropane	110	12.729	12.722	(0.924)	69418	16.5999	1600	
94 trans-1,4-Dichloro-2-butene	53	12.720	12.703	(0.923)	66926	21.9595	2100	
95 n-Propylbenzene	91	12.775	12.758	(0.927)	559332	18.1930	1800	
96 2-Chlorotoluene	91	12.903	12.885	(0.937)	344880	17.0304	1600	
97 1,3,5-Trimethylbenzene	105	12.940	12.931	(0.939)	373550	17.4581	1700	
98 4-Chlorotoluene	91	13.011	12.986	(0.944)	495216	18.1466	1800	
99 Butyl Methacrylate	87	12.977	12.959	(0.942)	310061	19.7420	1900	
100 tert-Butylbenzene	119	13.303	13.285	(0.966)	367271	17.6914	1700	
101 1,2,4-Trimethylbenzene	105	13.347	13.330	(0.969)	395610	17.7314	1700	
102 2-Octanone	43	13.402	13.385	(0.973)	352348	20.3703	2000	
103 sec-Butylbenzene	105	13.539	13.522	(0.983)	496174	18.2926	1800	
104 2-Octanol	45	13.448	13.431	(0.976)	137223	31.3038	3000(R)	
105 1,3-Dichlorobenzene	146	13.712	13.695	(0.995)	262453	17.9691	1700	
107 p-Isopropyltoluene	119	13.676	13.658	(0.993)	384921	18.4225	1800	
* 108 1,4-Dichlorobenzene-d4	152	13.777	13.759	(1.000)	471349	50.0000		
109 1,4-Dichlorobenzene	146	13.813	13.787	(1.003)	346937	18.2619	1800	
110 Benzyl Chloride	91	13.951	13.931	(1.013)	286749	16.6978	1600	
106 n-Butylbenzene	91	14.141	14.121	(1.026)	355229	18.5736	1800	
111 1,2-Dichlorobenzene	146	14.257	14.236	(1.035)	279437	17.0321	1600	
112 1,2-Dibromo-3-chloropropane	75	15.234	15.200	(1.106)	55247	18.4752	1800	
113 Camphor	95	16.280	16.253	(1.182)	109197	96.6563	9300	
114 1,2,4-Trichlorobenzene	180	16.408	16.390	(1.191)	159644	24.1258	2300	
115 Hexachlorobutadiene	225	16.618	16.600	(1.206)	126273	17.4007	1700	
116 Naphthalene	128	16.866	16.837	(1.224)	238994	24.3358	2400	

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b/j04575.d
 Report Date: 14-Oct-2011 03:30

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/L)	(ug/Kg)	=====
117 1,2,3-Trichlorobenzene	180	17.275	17.268	(1.254)	132598	24.3209	2400	
M 120 1,2-Dichloroethene (Total)	100				384524	33.8351	3300	
M 121 Xylene (Total)	100				629131	55.0621	5300	

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

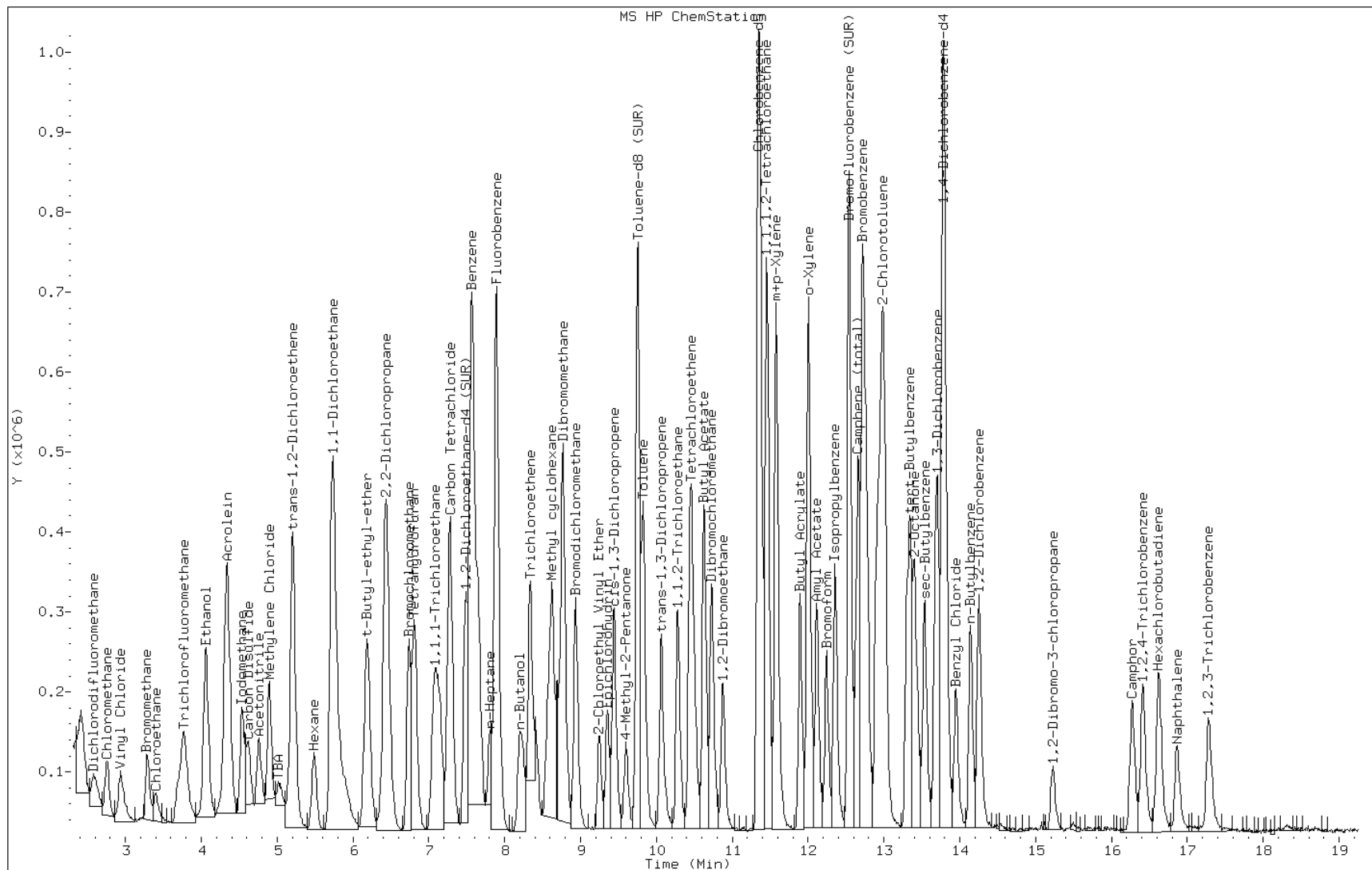
Data File: j04575.d

Date: 13-OCT-2011 14:02

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-32125-B-1-AMSD;50;;12.93;25 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/12/2011 01:08Analysis Batch Number: 89267 End Date: 10/12/2011 10:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89267/1		10/12/2011 01:08	1	j04488.d	DB-624 0.53 (mm)
IC 460-89267/2		10/12/2011 01:51	1	j04490.d	DB-624 0.53 (mm)
IC 460-89267/3		10/12/2011 02:17	1	j04491.d	DB-624 0.53 (mm)
ICIS 460-89267/4		10/12/2011 02:42	1	j04492.d	DB-624 0.53 (mm)
IC 460-89267/5		10/12/2011 03:07	1	j04493.d	DB-624 0.53 (mm)
IC 460-89267/6		10/12/2011 03:32	1	j04494.d	DB-624 0.53 (mm)
IC 460-89267/7		10/12/2011 03:56	1	j04495.d	DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:02	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:52	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:20	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:45	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:10	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:35	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:00	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:25	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:50	10		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 10:15	10		DB-624 0.53 (mm)
CCV 460-89267/18		10/12/2011 10:40	1		DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/13/2011 03:29Analysis Batch Number: 89343 End Date: 10/13/2011 15:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89343/1		10/13/2011 03:29	1	j04550.d	DB-624 0.53 (mm)
CCVIS 460-89343/2		10/13/2011 04:24	1	j04552.d	DB-624 0.53 (mm)
LCS 460-89343/3		10/13/2011 04:49	50	j04553.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 05:14	50		DB-624 0.53 (mm)
MB 460-89343/4		10/13/2011 06:04	50	j04556.d	DB-624 0.53 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/13/2011 06:32	50	j04557.d	DB-624 0.53 (mm)
460-32128-14	TB-17338-100411-MM-13 9	10/13/2011 06:57	50	j04558.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 07:22	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 07:47	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 08:12	50		DB-624 0.53 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 08:37	50	j04562.d	DB-624 0.53 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 09:02	50	j04563.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 09:27	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 09:52	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 10:17	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 10:42	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 11:07	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 11:32	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 11:57	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 12:22	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 12:47	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 13:12	50		DB-624 0.53 (mm)
460-32125-B-1-A MS		10/13/2011 13:37	50	j04574.d	DB-624 0.53 (mm)
460-32125-B-1-A MSD		10/13/2011 14:02	50	j04575.d	DB-624 0.53 (mm)
ZZZZZ		10/13/2011 14:27	50		DB-624 0.53 (mm)
ZZZZZ		10/13/2011 14:52	50		DB-624 0.53 (mm)
CCV 460-89343/26		10/13/2011 15:41	1	j04579.d	DB-624 0.53 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89121 Batch Start Date: 10/11/11 17:42 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 10/11/11 18:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00031	
460-32128-B-6	SO-17338-100411-MM-131	5035, 8260B	T	46 g	62.92 g	16.92 g	25 mL	25 mL	
460-32128-B-7	SO-17338-100411-MM-132	5035, 8260B	T	45.7 g	64.16 g	18.46 g	25 mL	25 mL	
460-32128-B-13	FB-17338-100411-MM-138	5035, 8260B	T	46 g	56.77 g	10.77 g	25 mL	25 mL	
460-32128-C-14	TB-17338-100411-MM-139	5035, 8260B	T	45.7 g	56.31 g	10.61 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_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
10/12/11 0108	j04488.d	2	BFB		0	0	1			8260 HIGH	C
10/12/11 0126	j04489.d	1	IC-VMCAL1		5	10	1			8260 IS SURR 500: 1199132	(N.U.)
10/12/11 0151	j04490.d	2	IC-VMCAL1		5	10	1			SURR 250: 1105734 GAS 500: 11977307	C
10/12/11 0217	j04491.d	3	IC-VMCAL2		5	10	1			MAX 500: 1183783 SURR 500: 1183804	C
10/12/11 0242	j04492.d	4	ICIS-VMCAL3		5	10	1			1183790 1183792	C
10/12/11 0307	j04493.d	5	IC-VMCAL4		5	10	1			1183798 1183799	C
10/12/11 0332	j04494.d	6	IC-VMCAL5		5	10	1			1183791 1183793	C
10/12/11 0356	j04495.d	7	IC-VMCAL6		5	10	1			1183796	C
10/12/11 0421	j04496.d	8	BLK		5	0	1			1183802	NA 90
10/12/11 0446	j04497.d	9	BLK		5	0	1			1183802	NA 90
10/12/11 0511	j04498.d	10	BLK		5	0	1			1183794	NA 90
10/12/11 0537	j04499.d	11	ICV		5	0	1			1183794	C
10/12/11 0602	j04500.d	12	ICV		5	0	1			1183794	C
10/12/11 0627	j04501.d	13	MB		5	0	1			1183794	NA 90

89267
89164
10/12/11

10X → 5ml → 50ml FV.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/12/11	0652 j04502.d	14	MB		5	0	1	all	-		6
10/12/11	0720 j04503.d	15	460-31992-A-7	Trip Blank	5	0	1	all	42		6
10/12/11	0745 j04504.d	16	460-32076-A-1		5	0	1	all	42		6
10/12/11	0810 j04505.d	17	460-31992-A-1		5	0	1	all	42		6
10/12/11	0835 j04506.d	18	460-31992-A-2		5	0	1	all	42		6
10/12/11	0900 j04507.d	19	460-31992-A-3		5	0	1	all	42		6
10/12/11	0925 j04508.d	20	460-31992-A-4		5	0	1	all	42		6
10/12/11	0950 j04509.d	21	460-32076-A-1 MS		5	0	10	all	42		6
10/12/11	1015 j04510.d	22	460-32076-A-1 MSD		5	0	10	all	42		6
10/12/11	1040 j04511.d	23	CCV		5	0	1	all	-		6

Signed: Hudson & Ken B. Read and Understood by: A. J. J. J. J.

Date: 10/12/11.

Date: 10/12/11.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.1
Analytical Batch: /chem/VOAMS8.1/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/13/11 0329	j04550.d	2	BFB		0	0	1			8260 HIGH	
10/13/11 0359	j04551.d	1	CCVIS		5	10	1			8260 IS- SURR 500: 1199132	NA
10/13/11 0424	j04552.d	2	CCVIS		5	10	1			SURR 250: 1165734 SAS 500: 1193707 IND 500: 1183783 IND 500: 1183804	
10/13/11 0449	j04553.d	3	LCS		5	10	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0514	j04554.d	4	LCSD		5	10	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0539	j04555.d	5	MB		5	10	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0604	j04556.d	6	MB		5	10	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0632	j04557.d	7	460-32128-B-13-A	FB-17338-100411-MM-	10.77	25	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0657	j04558.d	8	460-32128-C-14-A	TB-17338-100411-MM-	10.61	25	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0722	j04559.d	9	460-32125-B-9-A	TB-17338-100511-MM-	10	25	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0747	j04560.d	10	460-32125-B-8-A	FB-17338-100511-MM-	12.03	25	50			1183790 1183792 1183796 1183798 1183799	
10/13/11 0812	j04561.d	11	460-32001-B-12-A	SO-17338-092911-MM-	16.57	25	50			51145	
10/13/11 0837	j04562.d	12	460-32128-B-6-A	SO-17338-100411-MM-	16.92	25	50				
10/13/11 0902	j04563.d	13	460-32128-B-7-A	SO-17338-100411-MM-	18.46	25	50				

89343

50X → 1ml → 50ml FC.

100X → 0.5ml → 50ml FC.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD IOT	COMMENTS
10/13/11 0927	j04564.d	14	460-32220-B-1-A	C-1 GRAB	10.59	25	50	all			
10/13/11 0952	j04565.d	15	460-32220-B-2-A	C-2 GRAB	10.46	25	50	all			
10/13/11 1017	j04566.d	16	460-32220-B-3-A	C-3 GRAB	10.2	25	50	all			
10/13/11 1042	j04567.d	17	460-32125-B-1-A	SO-17338-100511-MM-	12.93	25	50	all			
10/13/11 1107	j04568.d	18	460-32125-B-2-A	SO-17338-100511-MM-	14.01	25	50	all			
10/13/11 1132	j04569.d	19	460-32125-B-3-A	SO-17338-100511-MM-	20.2	25	50	all			
10/13/11 1157	j04570.d	20	460-32125-B-4-A	SO-17338-100511-MM-	7.69	25	50	all			
10/13/11 1222	j04571.d	21	460-32125-B-5-A	SO-17338-100511-MM-	16.99	25	50	all			
10/13/11 1247	j04572.d	22	460-32125-B-6-A	SO-17338-100511-MM-	15.48	25	50	all			
10/13/11 1312	j04573.d	23	460-32125-B-7-A	SO-17338-100511-MM-	14.76	25	50	all			
10/13/11 1337	j04574.d	24	460-32125-B-1-AMS		12.93	25	50	all			
10/13/11 1402	j04575.d	25	460-32125-B-1-AMSD		12.93	25	50	all			
10/13/11 1427	j04576.d	26	460-32220-B-1-AMS		10.59	25	50	all			
10/13/11 1452	j04577.d	27	460-32220-B-1-AMSD		10.59	25	50	all			

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/13oct11dem.b

Date Generated: 10/14/2011

Page 3

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/13/11	1517j04578.d	28	CCV		5	10	1	all			NG.
10/13/11	1541j04579.d	29	CCV		5	10	1	all			G

Signed: A. Spayd Read and Understood by: Dan Walsh Read

Date: 10/13/11.

Date: 10/14/11

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.: 460-32128-1
 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-17338-100411-MM-131	460-32128-6	49	51	59	63	34	59
SO-17338-100411-MM-132	460-32128-7	54	56	65	66	31	69
FB-17338-100411-MM-138	460-32128-13	58	59	57	53	38	63
	MB 460-89103/1-A	73	73	69	64	50	72
	MB 460-89256/1-A	73	74	79	73	67	82
	LCS 460-89103/2-A	83	84	79	76	87	82
	LCS 460-89256/2-A	70	70	76	76	77	77
FB-17338-100411-MM-138 MS	460-32128-13 MS	72	72	68	64	77	69
	460-32224-B-56-A MS	60	63	70	72	53	67
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	64	65	63	57	64	60
	460-32224-B-56-B MSD	68	69	78	83	63	80

	<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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20306.d
 Lab ID: LCS 460-89103/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	2150	65	10-160	
Phenol	6370	5670	89	54-115	
Bis(2-chloroethyl)ether	3330	2580	77	44-101	
2-Chlorophenol	6410	5680	89	56-110	
2-Methylphenol	6420	5960	93	54-117	
2,2'-oxybis[1-chloropropane]	3330	2810	84	45-102	
Acetophenone	3340	2810	84	40-95	
4-Methylphenol	6420	5800	90	47-103	
N-Nitrosodi-n-propylamine	3330	2930	88	42-107	
Hexachloroethane	3330	2530	76	45-90	
Nitrobenzene	3330	2540	76	42-106	
Isophorone	3330	2850	86	48-97	
2-Nitrophenol	6440	5490	85	55-101	
2,4-Dimethylphenol	6410	5440	85	56-112	
Bis(2-chloroethoxy)methane	3330	2630	79	51-100	
2,4-Dichlorophenol	6450	5620	87	58-115	
Naphthalene	3330	2570	77	53-94	
4-Chloroaniline	3330	2010	60	10-96	
Hexachlorobutadiene	3330	2520	76	45-98	
Caprolactam	3340	2140	64	10-127	
4-Chloro-3-methylphenol	6440	5950	92	55-117	
2-Methylnaphthalene	3330	2630	79	51-98	
Hexachlorocyclopentadiene	3330	2380	71	24-98	
2,4,6-Trichlorophenol	6490	5350	82	53-118	
2,4,5-Trichlorophenol	6490	5700	88	50-115	
1,1'-Biphenyl	3340	2630	79	50-105	
2-Chloronaphthalene	3330	2480	74	51-102	
2-Nitroaniline	3330	3270	98	51-109	
Dimethyl phthalate	3330	2720	81	52-112	
2,6-Dinitrotoluene	3330	2550	77	51-115	
Acenaphthylene	3330	2560	77	51-103	
3-Nitroaniline	3330	2300	69	32-104	
Acenaphthene	3330	2620	79	46-100	
2,4-Dinitrophenol	6670	1250	19	10-129	
4-Nitrophenol	6670	5420	81	45-114	
Dibenzofuran	3330	2620	79	52-106	
2,4-Dinitrotoluene	3330	2850	85	53-110	
Diethyl phthalate	3330	2730	82	52-114	
Fluorene	3330	2700	81	51-108	
4-Chlorophenyl phenyl ether	3330	2640	79	50-106	
4-Nitroaniline	3330	2870	86	45-106	
4,6-Dinitro-2-methylphenol	6670	2490	37	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20306.d
 Lab ID: LCS 460-89103/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2950	88	49-106	
4-Bromophenyl phenyl ether	3330	2680	80	44-102	
Hexachlorobenzene	3330	2740	82	43-104	
Atrazine	3330	2730	82	30-100	
Pentachlorophenol	6670	4770	71	19-113	
Phenanthrene	3330	2720	82	48-108	
Anthracene	3330	2670	80	50-107	
Carbazole	3330	2680	80	49-104	
Di-n-butyl phthalate	3330	2720	81	50-108	
Fluoranthene	3330	2760	83	49-108	
Pyrene	3330	2640	79	49-116	
Butyl benzyl phthalate	3330	2670	80	49-117	
3,3'-Dichlorobenzidine	3330	2310	69	24-105	
Benzo[a]anthracene	3330	2740	82	46-112	
Chrysene	3330	2790	84	45-114	
Bis(2-ethylhexyl) phthalate	3330	2630	79	49-119	
Di-n-octyl phthalate	3330	2660	80	40-106	
Benzo[b]fluoranthene	3330	2710	81	33-96	
Benzo[k]fluoranthene	3330	2840	85	35-115	
Benzo[a]pyrene	3330	2660	80	36-89	
Indeno[1,2,3-cd]pyrene	3330	2780	83	43-109	
Dibenz(a,h)anthracene	3330	2800	84	43-107	
Benzo[g,h,i]perylene	3330	2680	80	43-106	

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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10792.d
 Lab ID: LCS 460-89256/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	1270	38	10-160	
Phenol	6370	4850	76	54-115	
Bis(2-chloroethyl)ether	3330	2510	75	44-101	
2-Chlorophenol	6410	4870	76	56-110	
2-Methylphenol	6420	5100	79	54-117	
2,2'-oxybis[1-chloropropane]	3330	2460	74	45-102	
Acetophenone	3340	2450	74	40-95	
4-Methylphenol	6420	4420	69	47-103	
N-Nitrosodi-n-propylamine	3330	2620	79	42-107	
Hexachloroethane	3330	2480	74	45-90	
Nitrobenzene	3330	2480	74	42-106	
Isophorone	3330	2520	75	48-97	
2-Nitrophenol	6440	5140	80	55-101	
2,4-Dimethylphenol	6410	5050	79	56-112	
Bis(2-chloroethoxy)methane	3330	2620	79	51-100	
2,4-Dichlorophenol	6450	4910	76	58-115	
Naphthalene	3330	2540	76	53-94	
4-Chloroaniline	3330	1810	54	10-96	
Hexachlorobutadiene	3330	2630	79	45-98	
Caprolactam	3340	1920	58	10-127	
4-Chloro-3-methylphenol	6440	5280	82	55-117	
2-Methylnaphthalene	3330	2590	78	51-98	
Hexachlorocyclopentadiene	3330	2180	66	24-98	
2,4,6-Trichlorophenol	6490	5070	78	53-118	
2,4,5-Trichlorophenol	6490	5090	78	50-115	
1,1'-Biphenyl	3340	2650	79	50-105	
2-Chloronaphthalene	3330	2580	77	51-102	
2-Nitroaniline	3330	2500	75	51-109	
Dimethyl phthalate	3330	2770	83	52-112	
2,6-Dinitrotoluene	3330	2720	82	51-115	
Acenaphthylene	3330	2510	75	51-103	
3-Nitroaniline	3330	2100	63	32-104	
Acenaphthene	3330	2660	80	46-100	
2,4-Dinitrophenol	6670	1020	15	10-129	
4-Nitrophenol	6670	6090	91	45-114	
Dibenzofuran	3330	2680	80	52-106	
2,4-Dinitrotoluene	3330	2790	84	53-110	
Diethyl phthalate	3330	2730	82	52-114	
Fluorene	3330	2720	82	51-108	
4-Chlorophenyl phenyl ether	3330	2760	83	50-106	
4-Nitroaniline	3330	2300	69	45-106	
4,6-Dinitro-2-methylphenol	6670	2260	34	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10792.d
 Lab ID: LCS 460-89256/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2830	85	49-106	
4-Bromophenyl phenyl ether	3330	2780	84	44-102	
Hexachlorobenzene	3330	2860	86	43-104	
Atrazine	3330	2180	65	30-100	
Pentachlorophenol	6670	4640	69	19-113	
Phenanthrene	3330	2810	84	48-108	
Anthracene	3330	2750	82	50-107	
Carbazole	3330	2860	86	49-104	
Di-n-butyl phthalate	3330	2840	85	50-108	
Fluoranthene	3330	2890	87	49-108	
Pyrene	3330	2550	77	49-116	
Butyl benzyl phthalate	3330	2670	80	49-117	
3,3'-Dichlorobenzidine	3330	2730	82	24-105	
Benzo[a]anthracene	3330	2890	87	46-112	
Chrysene	3330	2850	85	45-114	
Bis(2-ethylhexyl) phthalate	3330	2740	82	49-119	
Di-n-octyl phthalate	3330	2400	72	40-106	
Benzo[b]fluoranthene	3330	2840	85	33-96	
Benzo[k]fluoranthene	3330	2720	82	35-115	
Benzo[a]pyrene	3330	2730	82	36-89	
Indeno[1,2,3-cd]pyrene	3330	2700	81	43-109	
Dibenz(a,h)anthracene	3330	2930	88	43-107	
Benzo[g,h,i]perylene	3330	2890	87	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: p20309.d
Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	3330	330 U	3960	119	10-160	
Phenol	6360	330 U	4910	77	54-115	
Bis (2-chloroethyl) ether	3330	33 U	2290	69	44-101	
2-Chlorophenol	6400	330 U	4890	77	56-110	
2-Methylphenol	6410	330 U	5070	79	54-117	
2,2'-oxybis[1-chloropropane]	3330	330 U	2520	76	45-102	
Acetophenone	3330	330 U	2420	73	40-95	
4-Methylphenol	6410	330 U	5020	78	47-103	
N-Nitrosodi-n-propylamine	3330	33 U	2640	79	42-107	
Hexachloroethane	3330	33 U	2250	68	45-90	
Nitrobenzene	3330	33 U	2250	68	42-106	
Isophorone	3330	330 U	2430	73	48-97	
2-Nitrophenol	6430	330 U	4470	69	55-101	
2,4-Dimethylphenol	6400	330 U	4860	76	56-112	
Bis (2-chloroethoxy) methane	3330	330 U	2360	71	51-100	
2,4-Dichlorophenol	6440	330 U	4820	75	58-115	
Naphthalene	3330	330 U	2290	69	53-94	
4-Chloroaniline	3330	330 U	2020	61	10-96	
Hexachlorobutadiene	3330	67 U	2170	65	45-98	
Caprolactam	3330	330 U	2760	83	10-127	
4-Chloro-3-methylphenol	6430	330 U	5190	81	55-117	
2-Methylnaphthalene	3330	330 U	2310	69	51-98	
Hexachlorocyclopentadiene	3330	330 U	1880	57	24-98	
2,4,6-Trichlorophenol	6480	330 U	4600	71	53-118	
2,4,5-Trichlorophenol	6480	330 U	4770	74	50-115	
1,1'-Biphenyl	3330	330 U	2310	69	50-105	
2-Chloronaphthalene	3330	330 U	2150	65	51-102	
2-Nitroaniline	3330	670 U	2300	69	51-109	
Dimethyl phthalate	3330	330 U	2470	74	52-112	
2,6-Dinitrotoluene	3330	67 U	2370	71	51-115	
Acenaphthylene	3330	330 U	2250	68	51-103	
3-Nitroaniline	3330	670 U	2450	74	32-104	
Acenaphthene	3330	330 U	2280	69	46-100	
2,4-Dinitrophenol	6660	1000 U	616 U	9	10-129	F
4-Nitrophenol	6660	1000 U	4940	74	45-114	
Dibenzofuran	3330	330 U	2360	71	52-106	
2,4-Dinitrotoluene	3330	67 U	2580	78	53-110	
Diethyl phthalate	3330	330 U	2530	76	52-114	
Fluorene	3330	330 U	2420	73	51-108	
4-Chlorophenyl phenyl ether	3330	330 U	2380	72	50-106	
4-Nitroaniline	3330	670 U	2930	88	45-106	
4,6-Dinitro-2-methylphenol	6660	1000 U	1500	23	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20309.d
 Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	330 U	2530	76	49-106	
4-Bromophenyl phenyl ether	3330	330 U	2270	68	44-102	
Hexachlorobenzene	3330	33 U	2260	68	43-104	
Atrazine	3330	330 U	1870	56	30-100	
Pentachlorophenol	6660	1000 U	4180	63	19-113	
Phenanthrene	3330	330 U	2370	71	48-108	
Anthracene	3330	330 U	2280	69	50-107	
Carbazole	3330	330 U	2420	73	49-104	
Di-n-butyl phthalate	3330	260 J	2780	76	50-108	
Fluoranthene	3330	330 U	2540	76	49-108	
Pyrene	3330	330 U	2360	71	49-116	
Butyl benzyl phthalate	3330	330 U	2350	71	49-117	
3,3'-Dichlorobenzidine	3330	670 U	2380	72	24-105	
Benzo[a]anthracene	3330	33 U	2360	71	46-112	
Chrysene	3330	330 U	2350	71	45-114	
Bis(2-ethylhexyl) phthalate	3330	330 U	2390	72	49-119	
Di-n-octyl phthalate	3330	330 U	2400	72	40-106	
Benzo[b]fluoranthene	3330	33 U	2520	76	33-96	
Benzo[k]fluoranthene	3330	33 U	2590	78	35-115	
Benzo[a]pyrene	3330	33 U	2470	74	36-89	
Indeno[1,2,3-cd]pyrene	3330	33 U	2570	77	43-109	
Dibenz(a,h)anthracene	3330	33 U	2560	77	43-107	
Benzo[g,h,i]perylene	3330	330 U	2550	77	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10794.d
Lab ID: 460-32224-B-56-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	3840	380 U	1390	36	10-160	
Phenol	7350	380 U	4980	68	54-115	
Bis (2-chloroethyl) ether	3840	38 U	2630	68	44-101	
2-Chlorophenol	7390	380 U	4950	67	56-110	
2-Methylphenol	7410	380 U	5370	72	54-117	
2,2'-oxybis[1-chloropropane]	3840	380 U	2650	69	45-102	
Acetophenone	3850	380 U	2630	68	40-95	
4-Methylphenol	7410	380 U	4580	62	47-103	
N-Nitrosodi-n-propylamine	3840	38 U	2840	74	42-107	
Hexachloroethane	3840	38 U	2620	68	45-90	
Nitrobenzene	3840	38 U	2660	69	42-106	
Isophorone	3840	380 U	2770	72	48-97	
2-Nitrophenol	7430	380 U	4840	65	55-101	
2,4-Dimethylphenol	7390	380 U	5420	73	56-112	
Bis (2-chloroethoxy) methane	3840	380 U	2840	74	51-100	
2,4-Dichlorophenol	7440	380 U	4950	67	58-115	
Naphthalene	3840	380 U	2680	70	53-94	
4-Chloroaniline	3840	380 U	1920	50	10-96	
Hexachlorobutadiene	3840	77 U	2790	73	45-98	
Caprolactam	3850	380 U	2720	71	10-127	
4-Chloro-3-methylphenol	7430	380 U	5380	72	55-117	
2-Methylnaphthalene	3840	380 U	2800	73	51-98	
Hexachlorocyclopentadiene	3840	380 U	2170	57	24-98	
2,4,6-Trichlorophenol	7490	380 U	4650	62	53-118	
2,4,5-Trichlorophenol	7490	380 U	4570	61	50-115	
1,1'-Biphenyl	3850	380 U	2910	76	50-105	
2-Chloronaphthalene	3840	380 U	2850	74	51-102	
2-Nitroaniline	3840	770 U	2620	68	51-109	
Dimethyl phthalate	3840	380 U	2960	77	52-112	
2,6-Dinitrotoluene	3840	77 U	2850	74	51-115	
Acenaphthylene	3840	380 U	2710	71	51-103	
3-Nitroaniline	3840	770 U	2280	59	32-104	
Acenaphthene	3840	380 U	2920	76	46-100	
2,4-Dinitrophenol	7690	1200 U	484 U	6	10-129	F
4-Nitrophenol	7690	1200 U	5420	70	45-114	
Dibenzofuran	3840	380 U	2880	75	52-106	
2,4-Dinitrotoluene	3840	77 U	2910	76	53-110	
Diethyl phthalate	3840	380 U	2840	74	52-114	
Fluorene	3840	380 U	2860	74	51-108	
4-Chlorophenyl phenyl ether	3840	380 U	2870	75	50-106	
4-Nitroaniline	3840	770 U	2050	53	45-106	
4,6-Dinitro-2-methylphenol	7690	1200 U	1660	22	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10794.d
 Lab ID: 460-32224-B-56-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3850	380 U	3000	78	49-106	
4-Bromophenyl phenyl ether	3840	380 U	2900	76	44-102	
Hexachlorobenzene	3840	38 U	2950	77	43-104	
Atrazine	3840	380 U	2330	61	30-100	
Pentachlorophenol	7690	1200 U	1890	25	19-113	
Phenanthrene	3840	190 J	3250	79	48-108	
Anthracene	3840	380 U	3050	79	50-107	
Carbazole	3840	380 U	2980	78	49-104	
Di-n-butyl phthalate	3840	380 U	2950	77	50-108	
Fluoranthene	3840	410	3450	79	49-108	
Pyrene	3840	300 J	3040	71	49-116	
Butyl benzyl phthalate	3840	380 U	2800	73	49-117	
3,3'-Dichlorobenzidine	3840	770 U	2840	74	24-105	
Benzo[a]anthracene	3840	260	3160	76	46-112	
Chrysene	3840	240 J	3220	77	45-114	
Bis(2-ethylhexyl) phthalate	3840	380 U	2810	73	49-119	
Di-n-octyl phthalate	3840	380 U	2280	59	40-106	
Benzo[b]fluoranthene	3840	280	3180	76	33-96	
Benzo[k]fluoranthene	3840	130	2750	68	35-115	
Benzo[a]pyrene	3840	230	2920	70	36-89	
Indeno[1,2,3-cd]pyrene	3840	150	2990	74	43-109	
Dibenz(a,h)anthracene	3840	40	3050	78	43-107	
Benzo[g,h,i]perylene	3840	130 J	3200	80	43-106	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: p20310.d
Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	3330	2370	71	50	30	10-160	F
Phenol	6360	4350	68	12	30	54-115	
Bis (2-chloroethyl) ether	3330	2040	61	11	30	44-101	
2-Chlorophenol	6400	4370	68	11	30	56-110	
2-Methylphenol	6410	4570	71	10	30	54-117	
2,2'-oxybis[1-chloropropane]	3330	2220	67	12	30	45-102	
Acetophenone	3330	2150	64	12	30	40-95	
4-Methylphenol	6410	4430	69	12	30	47-103	
N-Nitrosodi-n-propylamine	3330	2370	71	11	30	42-107	
Hexachloroethane	3330	2010	61	11	30	45-90	
Nitrobenzene	3330	2020	61	11	30	42-106	
Isophorone	3330	2210	66	9	30	48-97	
2-Nitrophenol	6430	4170	65	7	30	55-101	
2,4-Dimethylphenol	6400	4370	68	11	30	56-112	
Bis (2-chloroethoxy) methane	3330	2150	65	9	30	51-100	
2,4-Dichlorophenol	6440	4230	66	13	30	58-115	
Naphthalene	3330	2070	62	10	30	53-94	
4-Chloroaniline	3330	1570	47	25	30	10-96	
Hexachlorobutadiene	3330	2020	61	7	30	45-98	
Caprolactam	3330	1710	51	47	30	10-127	F
4-Chloro-3-methylphenol	6430	4580	71	12	30	55-117	
2-Methylnaphthalene	3330	2090	63	10	30	51-98	
Hexachlorocyclopentadiene	3330	1650	49	13	30	24-98	
2,4,6-Trichlorophenol	6480	3950	61	15	30	53-118	
2,4,5-Trichlorophenol	6480	4120	63	15	30	50-115	
1,1'-Biphenyl	3330	2020	61	13	30	50-105	
2-Chloronaphthalene	3330	1890	57	13	30	51-102	
2-Nitroaniline	3330	1950	59	16	30	51-109	
Dimethyl phthalate	3330	2090	63	17	30	52-112	
2,6-Dinitrotoluene	3330	1980	59	18	30	51-115	
Acenaphthylene	3330	1950	59	14	30	51-103	
3-Nitroaniline	3330	1970	59	22	30	32-104	
Acenaphthene	3330	1990	60	14	30	46-100	
2,4-Dinitrophenol	6660	238 J	4	88	30	10-129	F
4-Nitrophenol	6660	4180	63	17	30	45-114	
Dibenzofuran	3330	2070	62	13	30	52-106	
2,4-Dinitrotoluene	3330	2170	65	17	30	53-110	
Diethyl phthalate	3330	2170	65	15	30	52-114	
Fluorene	3330	2070	62	16	30	51-108	
4-Chlorophenyl phenyl ether	3330	2010	60	17	30	50-106	
4-Nitroaniline	3330	2150	65	31	30	45-106	F
4,6-Dinitro-2-methylphenol	6660	837 J	13	57	30	10-110	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20310.d
 Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3330	2240	67	12	30	49-106	
4-Bromophenyl phenyl ether	3330	1990	60	13	30	44-102	
Hexachlorobenzene	3330	2010	60	12	30	43-104	
Atrazine	3330	1660	50	12	30	30-100	
Pentachlorophenol	6660	3010	45	32	30	19-113	F
Phenanthrene	3330	2080	63	13	30	48-108	
Anthracene	3330	2050	62	11	30	50-107	
Carbazole	3330	2120	64	13	30	49-104	
Di-n-butyl phthalate	3330	2490	67	11	30	50-108	
Fluoranthene	3330	2200	66	15	30	49-108	
Pyrene	3330	2030	61	15	30	49-116	
Butyl benzyl phthalate	3330	2070	62	13	30	49-117	
3,3'-Dichlorobenzidine	3330	2010	60	17	30	24-105	
Benzo[a]anthracene	3330	2130	64	10	30	46-112	
Chrysene	3330	2080	62	13	30	45-114	
Bis(2-ethylhexyl) phthalate	3330	2100	63	13	30	49-119	
Di-n-octyl phthalate	3330	2160	65	11	30	40-106	
Benzo[b]fluoranthene	3330	2340	70	8	30	33-96	
Benzo[k]fluoranthene	3330	2500	75	3	30	35-115	
Benzo[a]pyrene	3330	2310	70	7	30	36-89	
Indeno[1,2,3-cd]pyrene	3330	2340	70	9	30	43-109	
Dibenz(a,h)anthracene	3330	2430	73	5	30	43-107	
Benzo[g,h,i]perylene	3330	2370	71	7	30	43-106	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10795.d
Lab ID: 460-32224-B-56-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	3850	1570	41	12	30	10-160	
Phenol	7360	5440	74	9	30	54-115	
Bis (2-chloroethyl) ether	3850	2940	76	11	30	44-101	
2-Chlorophenol	7390	5520	75	11	30	56-110	
2-Methylphenol	7410	5950	80	10	30	54-117	
2,2'-oxybis[1-chloropropane]	3850	2910	76	9	30	45-102	
Acetophenone	3850	2880	75	9	30	40-95	
4-Methylphenol	7410	5070	68	10	30	47-103	
N-Nitrosodi-n-propylamine	3850	3060	80	8	30	42-107	
Hexachloroethane	3850	2940	76	12	30	45-90	
Nitrobenzene	3850	2940	76	10	30	42-106	
Isophorone	3850	3120	81	12	30	48-97	
2-Nitrophenol	7430	5510	74	13	30	55-101	
2,4-Dimethylphenol	7400	6070	82	11	30	56-112	
Bis (2-chloroethoxy) methane	3850	3160	82	11	30	51-100	
2,4-Dichlorophenol	7450	5540	74	11	30	58-115	
Naphthalene	3850	3010	78	12	30	53-94	
4-Chloroaniline	3850	2100	55	9	30	10-96	
Hexachlorobutadiene	3850	3140	82	12	30	45-98	
Caprolactam	3850	3330	87	20	30	10-127	
4-Chloro-3-methylphenol	7440	6240	84	15	30	55-117	
2-Methylnaphthalene	3850	3110	81	10	30	51-98	
Hexachlorocyclopentadiene	3850	2510	65	14	30	24-98	
2,4,6-Trichlorophenol	7490	5520	74	17	30	53-118	
2,4,5-Trichlorophenol	7490	5430	72	17	30	50-115	
1,1'-Biphenyl	3850	3330	86	14	30	50-105	
2-Chloronaphthalene	3850	3220	84	12	30	51-102	
2-Nitroaniline	3850	3040	79	15	30	51-109	
Dimethyl phthalate	3850	3520	91	17	30	52-112	
2,6-Dinitrotoluene	3850	3320	86	15	30	51-115	
Acenaphthylene	3850	3110	81	14	30	51-103	
3-Nitroaniline	3850	2730	71	18	30	32-104	
Acenaphthene	3850	3520	92	19	30	46-100	
2,4-Dinitrophenol	7690	872 J	11	57	30	10-129	F
4-Nitrophenol	7690	6920	90	24	30	45-114	
Dibenzofuran	3850	3430	89	17	30	52-106	
2,4-Dinitrotoluene	3850	3380	88	15	30	53-110	
Diethyl phthalate	3850	3430	89	19	30	52-114	
Fluorene	3850	3570	93	22	30	51-108	
4-Chlorophenyl phenyl ether	3850	3360	87	15	30	50-106	
4-Nitroaniline	3850	2850	74	33	30	45-106	F
4,6-Dinitro-2-methylphenol	7700	2430	32	38	30	10-110	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10795.d
 Lab ID: 460-32224-B-56-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3850	3610	94	18	30	49-106	
4-Bromophenyl phenyl ether	3850	3480	90	18	30	44-102	
Hexachlorobenzene	3850	3380	88	13	30	43-104	
Atrazine	3850	2800	73	18	30	30-100	
Pentachlorophenol	7700	2080	27	10	30	19-113	
Phenanthrene	3850	7110	180	75	30	48-108	F
Anthracene	3850	4110	107	29	30	50-107	
Carbazole	3850	3800	99	24	30	49-104	
Di-n-butyl phthalate	3850	3530	92	18	30	50-108	
Fluoranthene	3850	6900	169	67	30	49-108	F
Pyrene	3850	5980	148	65	30	49-116	F
Butyl benzyl phthalate	3850	3350	87	18	30	49-117	
3,3'-Dichlorobenzidine	3850	3220	84	13	30	24-105	
Benzo[a]anthracene	3850	5620	139	56	30	46-112	F
Chrysene	3850	5300	131	49	30	45-114	F
Bis(2-ethylhexyl) phthalate	3850	3360	87	18	30	49-119	
Di-n-octyl phthalate	3850	2570	67	12	30	40-106	
Benzo[b]fluoranthene	3850	5190	128	48	30	33-96	F
Benzo[k]fluoranthene	3850	3770	95	31	30	35-115	F
Benzo[a]pyrene	3850	4500	111	42	30	36-89	F
Indeno[1,2,3-cd]pyrene	3850	4020	101	29	30	43-109	
Dibenz(a,h)anthracene	3850	3940	101	25	30	43-107	
Benzo[g,h,i]perylene	3850	4380	110	31	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.: 460-32128-1
SDG No.: _____
Lab File ID: p20307.d Lab Sample ID: MB 460-89103/1-A
Matrix: Solid Date Extracted: 10/11/2011 15:18
Instrument ID: BNAMS10 Date Analyzed: 10/16/2011 16:33
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-89103/2-A	p20306.d	10/16/2011 16:07
FB-17338-100411-MM-138	460-32128-13	p20308.d	10/16/2011 16:59
FB-17338-100411-MM-138 MS	460-32128-13 MS	p20309.d	10/16/2011 17:25
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	p20310.d	10/16/2011 17:50

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab File ID: z10791.d Lab Sample ID: MB 460-89256/1-A
Matrix: Solid Date Extracted: 10/12/2011 15:52
Instrument ID: BNAMS11 Date Analyzed: 10/14/2011 01:37
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-89256/2-A	z10792.d	10/14/2011 02:02
	460-32224-B-56-A MS	z10794.d	10/14/2011 02:53
	460-32224-B-56-B MSD	z10795.d	10/14/2011 03:18
SO-17338-100411-MM-132	460-32128-7	z10796.d	10/14/2011 03:43
SO-17338-100411-MM-131	460-32128-6	z10801.d	10/14/2011 05:49

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab File ID: p20108.d DFTPP Injection Date: 10/10/2011
Instrument ID: BNAMS10 DFTPP Injection Time: 11:52
Analysis Batch No.: 89687

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	35.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	46.5
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	44.6
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	6.0
275	10.0 - 30.0 % of mass 198	26.5
365	Greater than 1.0 % of mass 198	4.0
441	Present but less than mass 443	8.8
442	Greater than 40.0 % of mass 198	61.3
443	17.0 - 23.0 % of mass 442	11.3 (18.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-89687/2	p20110.d	10/10/2011	12:55
	IC 460-89687/3	p20111.d	10/10/2011	13:21
	IC 460-89687/4	p20112.d	10/10/2011	13:46
	IC 460-89687/5	p20113.d	10/10/2011	14:12
	IC 460-89687/6	p20114.d	10/10/2011	14:38

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab File ID: p20304.d DFTPP Injection Date: 10/16/2011
Instrument ID: BNAMS10 DFTPP Injection Time: 13:45
Analysis Batch No.: 89864

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	38.2
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	47.3
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	47.7
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	26.7
365	Greater than 1.0 % of mass 198	6.1
441	Present but less than mass 443	7.5
442	Greater than 40.0 % of mass 198	61.2
443	17.0 - 23.0 % of mass 442	12.0 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-89864/2	p20305.d	10/16/2011	14:14
	LCS 460-89103/2-A	p20306.d	10/16/2011	16:07
	MB 460-89103/1-A	p20307.d	10/16/2011	16:33
FB-17338-100411-MM-138	460-32128-13	p20308.d	10/16/2011	16:59
FB-17338-100411-MM-138 MS	460-32128-13 MS	p20309.d	10/16/2011	17:25
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	p20310.d	10/16/2011	17:50
	CCV 460-89865/1	p20314.d	10/16/2011	19:38

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
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.: 460-32128-1
SDG No.: _____
Lab File ID: z10788.d DFTPP Injection Date: 10/14/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 00:00
Analysis Batch No.: 89651

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	45.6
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	51.7
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.5
275	10.0 - 30.0 % of mass 198	29.1
365	Greater than 1.0 % of mass 198	4.6
441	Present but less than mass 443	13.0
442	Greater than 40.0 % of mass 198	87.9
443	17.0 - 23.0 % of mass 442	16.7 (19.0) 2

1-Value is % mass 69

2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-89651/2	z10789.d	10/14/2011	00:28
	MB 460-89256/1-A	z10791.d	10/14/2011	01:37
	LCS 460-89256/2-A	z10792.d	10/14/2011	02:02
	460-32224-B-56-A MS	z10794.d	10/14/2011	02:53
	460-32224-B-56-B MSD	z10795.d	10/14/2011	03:18
SO-17338-100411-MM-132	460-32128-7	z10796.d	10/14/2011	03:43
SO-17338-100411-MM-131	460-32128-6	z10801.d	10/14/2011	05:49
	CCV 460-89652/1	z10808.d	10/14/2011	08:52

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVIS 460-89864/2 Date Analyzed: 10/16/2011 14:14
 Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): p20305.d Heated Purge: (Y/N) N
 Calibration ID: 12679

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		472463	3.61	1412267	5.03	713946	6.83
UPPER LIMIT		944926	4.11	2824534	5.53	1427892	7.33
LOWER LIMIT		236232	3.11	706134	4.53	356973	6.33
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-89103/2-A		510749	3.61	1603480	5.03	884385	6.83
MB 460-89103/1-A		524839	3.60	1729287	5.02	962827	6.83
460-32128-13	FB-17338-100411-MM-13 8	478029	3.60	1589822	5.02	892669	6.83
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	414927	3.60	1317664	5.02	731689	6.83
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	443762	3.60	1383466	5.02	771357	6.83

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVIS 460-89864/2 Date Analyzed: 10/16/2011 14:14
 Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): p20305.d Heated Purge: (Y/N) N
 Calibration ID: 12679

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		906189	8.28	560545	10.86	443585	12.47
UPPER LIMIT		1812378	8.78	1121090	11.36	887170	12.97
LOWER LIMIT		453095	7.78	280273	10.36	221793	11.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-89103/2-A		1139522	8.28	742248	10.86	558364	12.47
MB 460-89103/1-A		1291754	8.28	851846	10.86	597613	12.47
460-32128-13	FB-17338-100411-MM-13 8	1189419	8.28	759686	10.86	552621	12.47
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	1017424	8.28	689926	10.86	509717	12.47
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	1025414	8.28	697926	10.86	494089	12.47

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVIS 460-89651/2 Date Analyzed: 10/14/2011 00:28
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10789.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		562502	3.45	2005905	4.76	845913	6.50
UPPER LIMIT		1125004	3.95	4011810	5.26	1691826	7.00
LOWER LIMIT		281251	2.95	1002953	4.26	422957	6.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-89256/1-A		574531	3.45	2140874	4.75	1048088	6.50
LCS 460-89256/2-A		582628	3.45	2080066	4.76	907918	6.50
460-32224-B-56-A MS		530425	3.45	1864263	4.75	789053	6.50
460-32224-B-56-B MSD		534355	3.46	1849719	4.76	774372	6.50
460-32128-7	SO-17338-100411-MM-13 2	505246	3.46	1786630	4.75	800262	6.50
460-32128-6	SO-17338-100411-MM-13 1	464303	3.45	1523023	4.75	648069	6.50

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVIS 460-89651/2 Date Analyzed: 10/14/2011 00:28
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10789.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		996025	7.94	484300	10.53	349140	12.17
UPPER LIMIT		1992050	8.44	968600	11.03	698280	12.67
LOWER LIMIT		498013	7.44	242150	10.03	174570	11.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-89256/1-A		1338719	7.94	668445	10.52	535964	12.17
LCS 460-89256/2-A		1050230	7.94	587115	10.52	472850	12.17
460-32224-B-56-A MS		890140	7.94	477775	10.52	406506	12.17
460-32224-B-56-B MSD		867230	7.94	440069	10.52	404909	12.17
460-32128-7	SO-17338-100411-MM-13 2	955918	7.94	475416	10.52	400315	12.17
460-32128-6	SO-17338-100411-MM-13 1	753251	7.93	407363	10.52	403655	12.17

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>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100411-MM-131</u>	Lab Sample ID: <u>460-32128-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10801.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 10:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/14/2011 05:49</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	400	U	400	25
108-95-2	Phenol	400	U	400	49
111-44-4	Bis(2-chloroethyl)ether	40	U	40	8.3
95-57-8	2-Chlorophenol	400	U	400	53
95-48-7	2-Methylphenol	400	U	400	57
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	52
98-86-2	Acetophenone	400	U	400	59
106-44-5	4-Methylphenol	400	U	400	65
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	5.2
67-72-1	Hexachloroethane	40	U	40	6.7
98-95-3	Nitrobenzene	40	U	40	8.9
78-59-1	Isophorone	400	U	400	46
88-75-5	2-Nitrophenol	400	U	400	65
105-67-9	2,4-Dimethylphenol	400	U	400	64
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	57
120-83-2	2,4-Dichlorophenol	400	U	400	64
91-20-3	Naphthalene	400	U	400	58
106-47-8	4-Chloroaniline	400	U	400	50
87-68-3	Hexachlorobutadiene	80	U	80	16
105-60-2	Caprolactam	400	U	400	54
59-50-7	4-Chloro-3-methylphenol	400	U	400	67
91-57-6	2-Methylnaphthalene	400	U	400	58
77-47-4	Hexachlorocyclopentadiene	400	U	400	120
88-06-2	2,4,6-Trichlorophenol	400	U	400	71
95-95-4	2,4,5-Trichlorophenol	400	U	400	76
92-52-4	1,1'-Biphenyl	400	U	400	65
91-58-7	2-Chloronaphthalene	400	U	400	56
88-74-4	2-Nitroaniline	800	U	800	110
131-11-3	Dimethyl phthalate	400	U	400	54
606-20-2	2,6-Dinitrotoluene	80	U	80	10
208-96-8	Acenaphthylene	400	U	400	57
99-09-2	3-Nitroaniline	800	U	800	90
83-32-9	Acenaphthene	400	U	400	56
51-28-5	2,4-Dinitrophenol	1200	U	1200	84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100411-MM-131</u>	Lab Sample ID: <u>460-32128-6</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10801.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 10:15</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/14/2011 05:49</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
132-64-9	Dibenzofuran	400	U	400	60
121-14-2	2,4-Dinitrotoluene	80	U	80	12
84-66-2	Diethyl phthalate	400	U	400	53
86-73-7	Fluorene	400	U	400	67
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	68
100-01-6	4-Nitroaniline	800	U	800	82
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
86-30-6	N-Nitrosodiphenylamine	400	U	400	65
101-55-3	4-Bromophenyl phenyl ether	400	U	400	71
118-74-1	Hexachlorobenzene	40	U	40	5.5
1912-24-9	Atrazine	400	U	400	74
87-86-5	Pentachlorophenol	1200	U	1200	190
85-01-8	Phenanthrene	400	U	400	69
120-12-7	Anthracene	400	U	400	70
86-74-8	Carbazole	400	U	400	63
84-74-2	Di-n-butyl phthalate	400	U	400	61
206-44-0	Fluoranthene	400	U	400	66
129-00-0	Pyrene	400	U	400	69
85-68-7	Butyl benzyl phthalate	400	U	400	46
91-94-1	3,3'-Dichlorobenzidine	800	U	800	88
56-55-3	Benzo[a]anthracene	40	U	40	7.3
218-01-9	Chrysene	400	U	400	58
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	53
117-84-0	Di-n-octyl phthalate	400	U	400	47
205-99-2	Benzo[b]fluoranthene	40	U	40	5.9
207-08-9	Benzo[k]fluoranthene	40	U	40	5.6
50-32-8	Benzo[a]pyrene	40	U	40	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	40	U	40	6.3
53-70-3	Dibenz(a,h)anthracene	40	U	40	4.8
191-24-2	Benzo[g,h,i]perylene	400	U	400	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
Matrix: Solid Lab File ID: z10801.d
Analysis Method: 8270C Date Collected: 10/04/2011 10:15
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.05(g) Date Analyzed: 10/14/2011 05:49
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 16.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	34		10-120
321-60-8	2-Fluorobiphenyl	63		40-109
367-12-4	2-Fluorophenol (Surr)	49		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	59		38-105
4165-62-2	Phenol-d5 (Surr)	51		41-118
1718-51-0	Terphenyl-d14 (Surr)	59		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
Matrix: Solid Lab File ID: z10801.d
Analysis Method: 8270C Date Collected: 10/04/2011 10:15
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.05(g) Date Analyzed: 10/14/2011 05:49
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 16.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 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/13oct11c.b/z10801.d
 Report Date: 15-Oct-2011 11:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10801.d
 Lab Smp Id: 460-32128-D-6-A Client Smp ID: SO-17338-100411-MM-
 Inj Date : 14-OCT-2011 05:49
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32128-D-6-A
 Misc Info : 460-32128-D-6-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa Quant Type: ISTD
 Cal Date : 14-OCT-2011 00:28 Cal File: z10789.d
 Als bottle: 14
 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	15.05000	Weight of sample extracted (g)
M	16.85912	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.273	2.220	(0.659)	793549	49.3600	3900
\$ 17 Phenol-d5 (SUR)	99	3.126	3.132	(0.906)	968774	50.6643	4000
* 79 1,4-Dichlorobenzene-d4	152	3.449	3.450	(1.000)	464303	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.020	4.038	(0.846)	468514	29.5385	2400
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1523023	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.900)	748763	31.3811	2500
* 82 Acenaphthene-d10	164	6.496	6.502	(1.000)	648069	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.279	(1.119)	94303	33.6166	2700
* 83 Phenanthrene-d10	188	7.931	7.937	(1.000)	753251	40.0000	
\$ 78 Terphenyl-d14	244	9.502	9.508	(0.903)	368111	29.4635	2400
* 81 Chrysene-d12	240	10.519	10.526	(1.000)	407363	40.0000	
* 84 Perylene-d12	264	12.172	12.173	(1.000)	403655	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10801.d
Report Date: 15-Oct-2011 11:29

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10801.d
Lab Smp Id: 460-32128-D-6-A Client Smp ID: SO-17338-100411-MM-
Inj Date : 14-OCT-2011 05:49
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-32128-D-6-A
Misc Info : 460-32128-D-6-A
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
Meth Date : 14-Oct-2011 01:03 asfawa Quant Type: ISTD
Cal Date : 14-OCT-2011 00:28 Cal File: z10789.d
Als bottle: 14
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: z10801.d

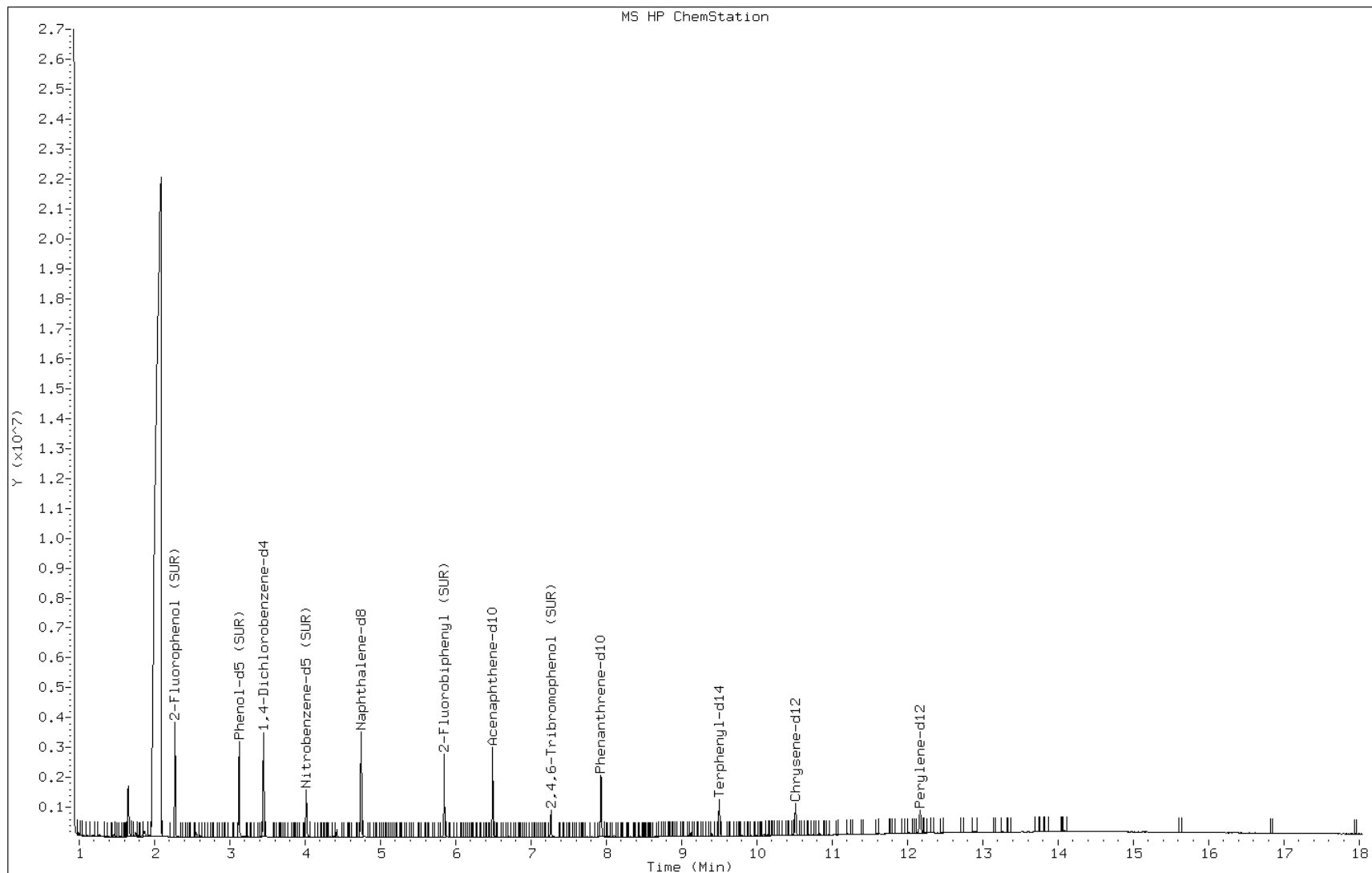
Date: 14-OCT-2011 05:49

Client ID: S0-17338-100411-MM-

Instrument: BNAMS11.i

Sample Info: 460-32128-D-6-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100411-MM-132</u>	Lab Sample ID: <u>460-32128-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10796.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 10:20</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>10/14/2011 03:43</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	400	U	400	25
108-95-2	Phenol	400	U	400	50
111-44-4	Bis(2-chloroethyl)ether	40	U	40	8.5
95-57-8	2-Chlorophenol	400	U	400	54
95-48-7	2-Methylphenol	400	U	400	58
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	53
98-86-2	Acetophenone	400	U	400	60
106-44-5	4-Methylphenol	400	U	400	66
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	5.4
67-72-1	Hexachloroethane	40	U	40	6.8
98-95-3	Nitrobenzene	40	U	40	9.1
78-59-1	Isophorone	400	U	400	47
88-75-5	2-Nitrophenol	400	U	400	67
105-67-9	2,4-Dimethylphenol	400	U	400	65
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	58
120-83-2	2,4-Dichlorophenol	400	U	400	65
91-20-3	Naphthalene	400	U	400	59
106-47-8	4-Chloroaniline	400	U	400	51
87-68-3	Hexachlorobutadiene	82	U	82	16
105-60-2	Caprolactam	400	U	400	56
59-50-7	4-Chloro-3-methylphenol	400	U	400	68
91-57-6	2-Methylnaphthalene	400	U	400	59
77-47-4	Hexachlorocyclopentadiene	400	U	400	120
88-06-2	2,4,6-Trichlorophenol	400	U	400	73
95-95-4	2,4,5-Trichlorophenol	400	U	400	78
92-52-4	1,1'-Biphenyl	400	U	400	67
91-58-7	2-Chloronaphthalene	400	U	400	57
88-74-4	2-Nitroaniline	820	U	820	110
131-11-3	Dimethyl phthalate	400	U	400	55
606-20-2	2,6-Dinitrotoluene	82	U	82	10
208-96-8	Acenaphthylene	400	U	400	58
99-09-2	3-Nitroaniline	820	U	820	92
83-32-9	Acenaphthene	400	U	400	58
51-28-5	2,4-Dinitrophenol	1200	U	1200	86

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-100411-MM-132</u>	Lab Sample ID: <u>460-32128-7</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10796.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 10:20</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>10/14/2011 03:43</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>18.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
132-64-9	Dibenzofuran	400	U	400	61
121-14-2	2,4-Dinitrotoluene	82	U	82	12
84-66-2	Diethyl phthalate	400	U	400	54
86-73-7	Fluorene	400	U	400	69
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	70
100-01-6	4-Nitroaniline	820	U	820	84
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
86-30-6	N-Nitrosodiphenylamine	400	U	400	66
101-55-3	4-Bromophenyl phenyl ether	400	U	400	72
118-74-1	Hexachlorobenzene	40	U	40	5.6
1912-24-9	Atrazine	400	U	400	76
87-86-5	Pentachlorophenol	1200	U	1200	200
85-01-8	Phenanthrene	400	U	400	71
120-12-7	Anthracene	400	U	400	72
86-74-8	Carbazole	400	U	400	65
84-74-2	Di-n-butyl phthalate	400	U	400	62
206-44-0	Fluoranthene	400	U	400	67
129-00-0	Pyrene	400	U	400	70
85-68-7	Butyl benzyl phthalate	400	U	400	47
91-94-1	3,3'-Dichlorobenzidine	820	U	820	90
56-55-3	Benzo[a]anthracene	40	U	40	7.5
218-01-9	Chrysene	400	U	400	59
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	54
117-84-0	Di-n-octyl phthalate	400	U	400	48
205-99-2	Benzo[b]fluoranthene	40	U	40	6.0
207-08-9	Benzo[k]fluoranthene	40	U	40	5.7
50-32-8	Benzo[a]pyrene	40	U	40	5.0
193-39-5	Indeno[1,2,3-cd]pyrene	40	U	40	6.5
53-70-3	Dibenz(a,h)anthracene	40	U	40	4.9
191-24-2	Benzo[g,h,i]perylene	400	U	400	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
Matrix: Solid Lab File ID: z10796.d
Analysis Method: 8270C Date Collected: 10/04/2011 10:20
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.01(g) Date Analyzed: 10/14/2011 03:43
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	31		10-120
321-60-8	2-Fluorobiphenyl	66		40-109
367-12-4	2-Fluorophenol (Surr)	54		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	65		38-105
4165-62-2	Phenol-d5 (Surr)	56		41-118
1718-51-0	Terphenyl-d14 (Surr)	69		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
Matrix: Solid Lab File ID: z10796.d
Analysis Method: 8270C Date Collected: 10/04/2011 10:20
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.01(g) Date Analyzed: 10/14/2011 03:43
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 18.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 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/13oct11c.b/z10796.d
 Report Date: 14-Oct-2011 06:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10796.d
 Lab Smp Id: 460-32128-D-7-A Client Smp ID: SO-17338-100411-MM-
 Inj Date : 14-OCT-2011 03:43
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32128-D-7-A
 Misc Info : 460-32128-D-7-A
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa Quant Type: ISTD
 Cal Date : 14-OCT-2011 00:28 Cal File: z10789.d
 Als bottle: 9
 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	18.55011	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.338	2.220	(0.675)	937814	53.6064	4400
\$ 17 Phenol-d5 (SUR)	99	3.144	3.132	(0.908)	1174924	56.4661	4600
* 79 1,4-Dichlorobenzene-d4	152	3.461	3.450	(1.000)	505246	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.038	(0.848)	602739	32.3942	2600
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1786630	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.849	5.855	(0.900)	977981	33.1927	2700
* 82 Acenaphthene-d10	164	6.496	6.502	(1.000)	800262	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.267	7.279	(1.119)	109039	31.4775	2600
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	955918	40.0000	
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.904)	503873	34.5568	2800
* 81 Chrysene-d12	240	10.520	10.526	(1.000)	475416	40.0000	
* 84 Perylene-d12	264	12.172	12.173	(1.000)	400315	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10796.d
Report Date: 14-Oct-2011 06:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10796.d
Lab Smp Id: 460-32128-D-7-A Client Smp ID: SO-17338-100411-MM-
Inj Date : 14-OCT-2011 03:43
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-32128-D-7-A
Misc Info : 460-32128-D-7-A
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
Meth Date : 14-Oct-2011 01:03 asfawa Quant Type: ISTD
Cal Date : 14-OCT-2011 00:28 Cal File: z10789.d
Als bottle: 9
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: z10796.d

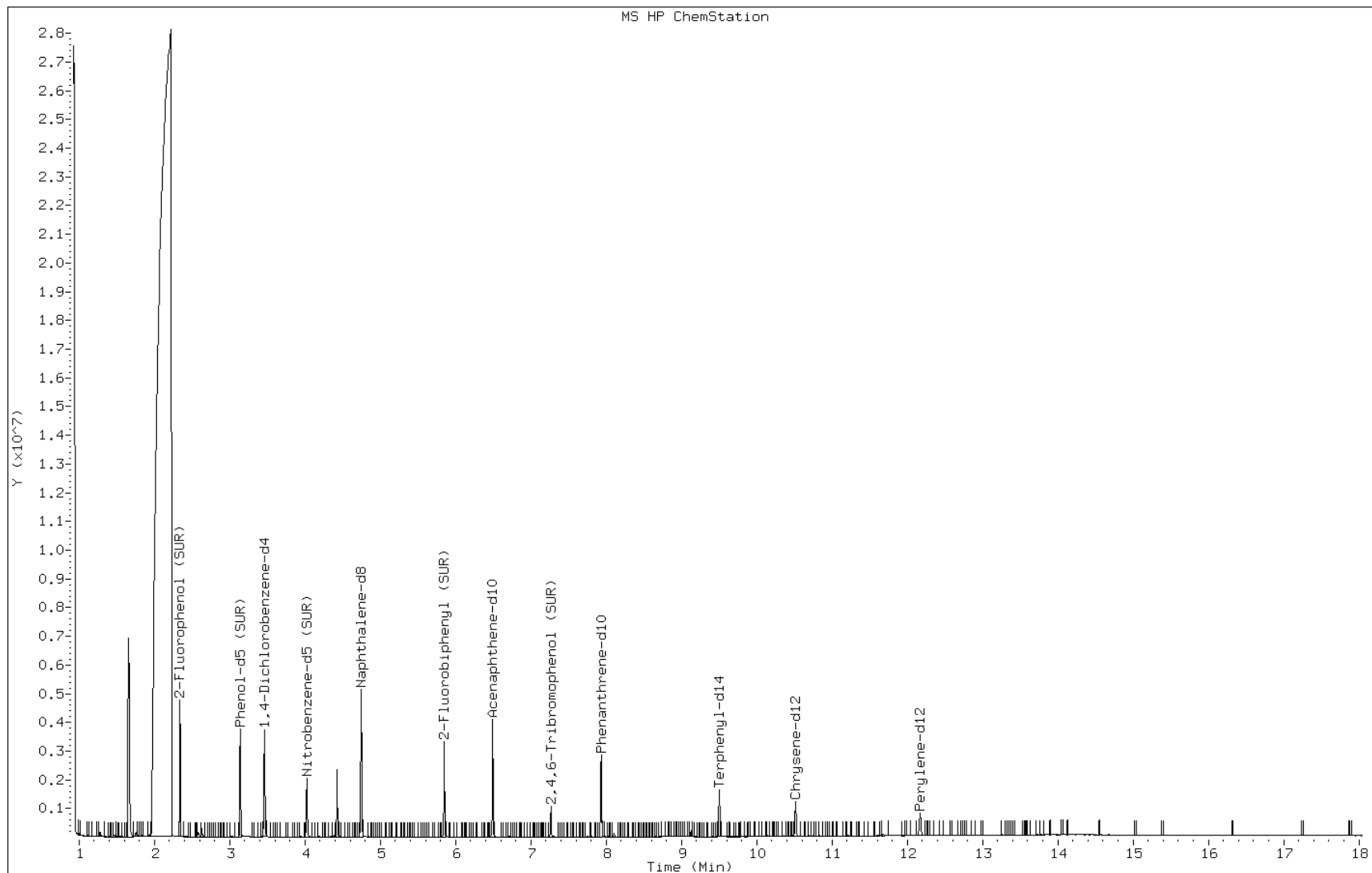
Date: 14-OCT-2011 03:43

Client ID: S0-17338-100411-MM-

Instrument: BNAMS11.i

Sample Info: 460-32128-D-7-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138</u>	Lab Sample ID: <u>460-32128-13</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20308.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/16/2011 16:59</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89864</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	40
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	47
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	41
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	55
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	96
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	63
92-52-4	1,1'-Biphenyl	330	U	330	54
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	90
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: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138</u>	Lab Sample ID: <u>460-32128-13</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20308.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/16/2011 16:59</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89864</u>	Units: <u>ug/Kg</u>

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	9.6
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	61
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	52
84-74-2	Di-n-butyl phthalate	260	J	330	50
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	38
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.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
Matrix: Solid Lab File ID: p20308.d
Analysis Method: 8270C Date Collected: 10/04/2011 12:30
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.05(g) Date Analyzed: 10/16/2011 16:59
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	38		10-120
321-60-8	2-Fluorobiphenyl	53		40-109
367-12-4	2-Fluorophenol (Surr)	58		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	57		38-105
4165-62-2	Phenol-d5 (Surr)	59		41-118
1718-51-0	Terphenyl-d14 (Surr)	63		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
Matrix: Solid Lab File ID: p20308.d
Analysis Method: 8270C Date Collected: 10/04/2011 12:30
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.05(g) Date Analyzed: 10/16/2011 16:59
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20308.d
 Report Date: 19-Oct-2011 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20308.d
 Lab Smp Id: 460-32128-D-13-K Client Smp ID: FB-17338-100411-MM-
 Inj Date : 16-OCT-2011 16:59
 Operator : BNAMS 4 Inst ID: BNAMS10.i
 Smp Info : 460-32128-D-13-K
 Misc Info : 460-32128-D-13-K
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.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	15.05000	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)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.289	2.266	(0.636)	764312	57.7383	3800
\$ 17 Phenol-d5 (SUR)	99	3.265	3.271	(0.907)	941943	59.2337	3900
* 79 1,4-Dichlorobenzene-d4	152	3.600	3.606	(1.000)	478029	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.240	4.252	(0.844)	512918	28.3501	1900
* 80 Naphthalene-d8	136	5.021	5.027	(1.000)	1589822	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.185	(0.905)	833326	26.3557	1800
* 82 Acenaphthene-d10	164	6.825	6.831	(1.000)	892669	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.607	7.613	(1.114)	140903	37.7130	2500
* 83 Phenanthrene-d10	188	8.277	8.283	(1.000)	1189419	40.0000	
55 Di-n-butylphthalate	149	8.917	8.923	(1.077)	129572	3.88939	260(a)
\$ 78 Terphenyl-d14	244	9.857	9.863	(0.908)	630723	31.2791	2100
* 81 Chrysene-d12	240	10.856	10.862	(1.000)	759686	40.0000	
* 84 Perylene-d12	264	12.466	12.472	(1.000)	552621	40.0000	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20308.d
Report Date: 19-Oct-2011 10:22

QC Flag Legend

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

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20308.d
Report Date: 19-Oct-2011 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20308.d
Lab Smp Id: 460-32128-D-13-K Client Smp ID: FB-17338-100411-MM-
Inj Date : 16-OCT-2011 16:59
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-32128-D-13-K
Misc Info : 460-32128-D-13-K
Comment :
Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p20308.d

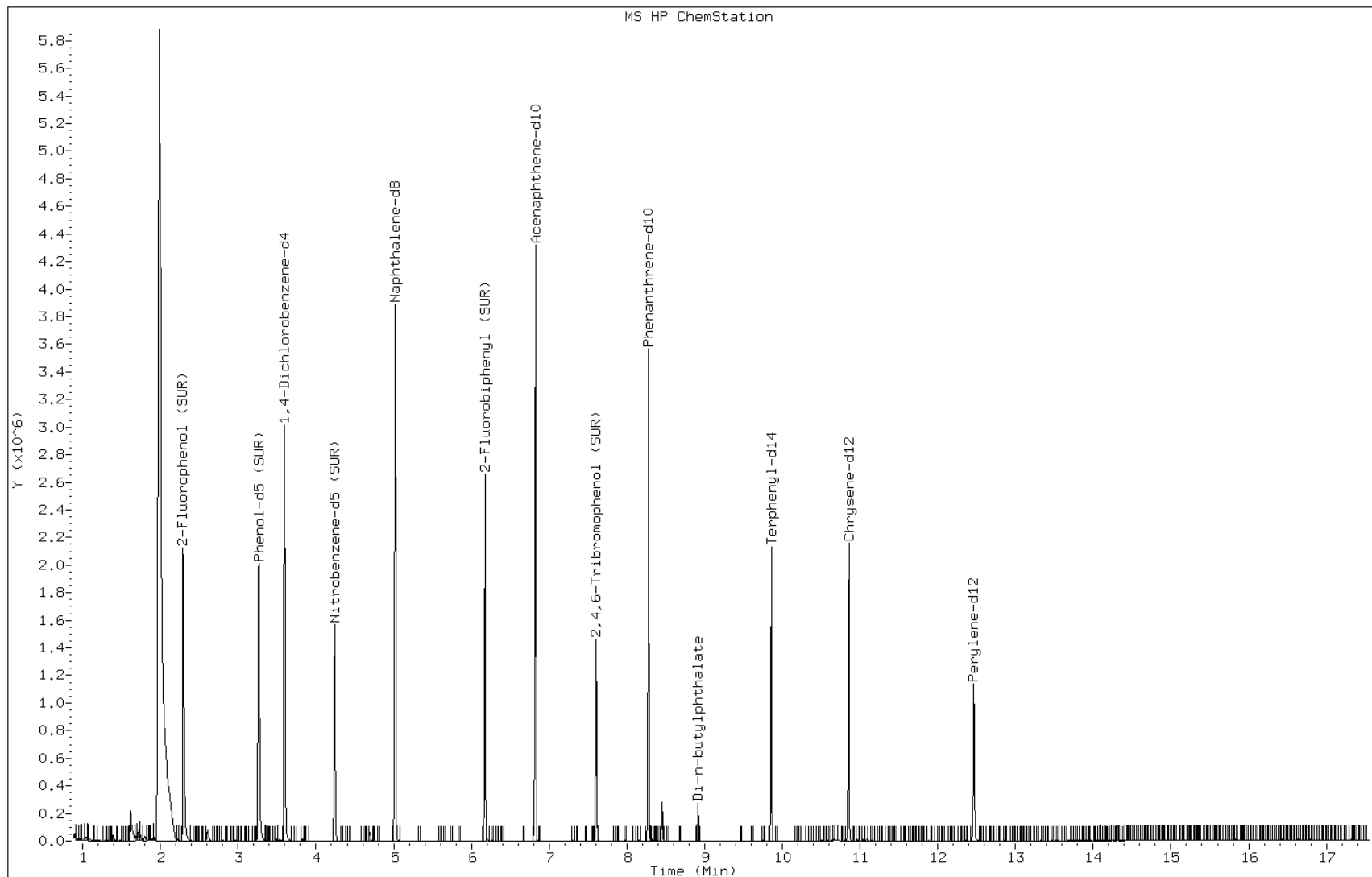
Date: 16-OCT-2011 16:59

Client ID: FB-17338-100411-MM-

Sample Info: 460-32128-D-13-K

Instrument: BNAMS10.i

Operator: BNAMS 4



Data File: p20308.d

Date: 16-OCT-2011 16:59

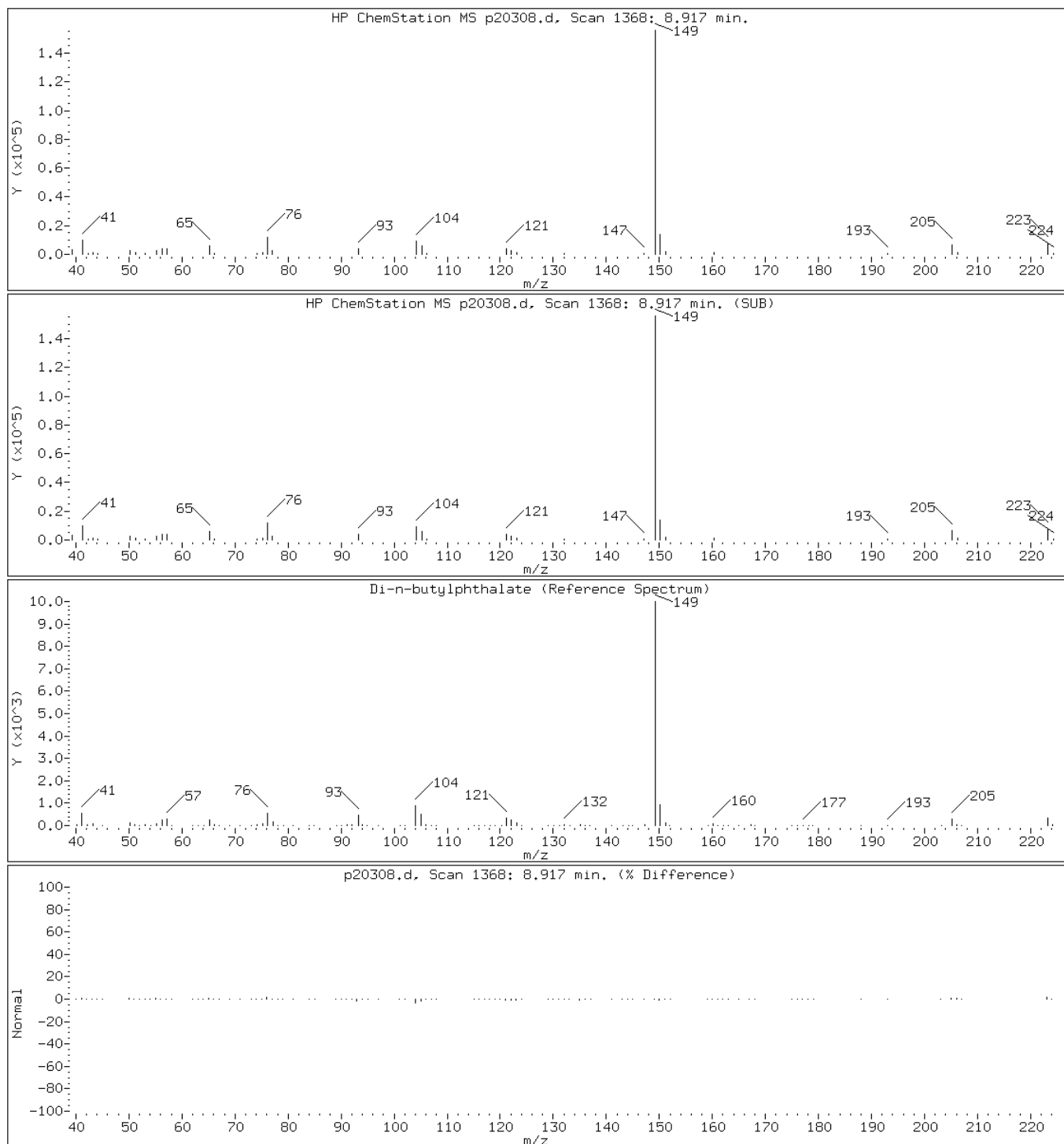
Client ID: FB-17338-100411-MM-

Instrument: BNAMS10.i

Sample Info: 460-32128-D-13-K

Operator: BNAMS 4

55 Di-n-butylphthalate



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

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89687/4	p20112.d
Level 2	IC 460-89687/6	p20114.d
Level 3	ICIS 460-89687/2	p20110.d
Level 4	IC 460-89687/5	p20113.d
Level 5	IC 460-89687/3	p20111.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	0.8046	0.8726	0.6691	0.8412	0.6642	Ave		0.7703			0.0500	12.7		30.0			
N-Nitrosodimethylamine	0.9724	0.9955	0.9001	0.9172	0.8450	Ave		0.9260			0.0500	6.5		30.0			
Pyridine	1.7597	1.7753	1.5547	1.5646	1.4324	Ave		1.6173			0.0500	9.1		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1497	+++++	+++++	Ave		0.1497			0.0500			30.0			
Benzaldehyde	0.9784	0.5184	0.4402	0.2441	0.0999	Ave		0.4562			0.0500	73.4	*	30.0			
Aniline	1.8392	1.7499	1.6840	1.5020	1.4949	Ave		1.6540			0.0500	9.2		30.0			
Phenol	1.6983	1.4931	1.4448	1.2069	1.3479	Ave		1.4382			0.0500	12.6		30.0			
Bis(2-chloroethyl)ether	1.4419	1.1617	1.1866	1.1550	1.2544	Ave		1.2399			0.0500	9.6		30.0			
2-Chlorophenol	1.2858	1.2130	1.1872	1.0721	1.0420	Ave		1.1600			0.0500	8.7		30.0			
n-Decane	0.9884	1.0291	1.0592	1.1056	1.1637	Ave		1.0692			0.0500	6.4		30.0			
1,3-Dichlorobenzene	1.5663	1.5237	1.5532	1.5762	1.5938	Ave		1.5626			0.0500	1.7		30.0			
1,4-Dichlorobenzene	1.5831	1.5465	1.5785	1.5856	1.5954	Ave		1.5778			0.0500	1.2		30.0			
1,2-Dichlorobenzene	1.5084	1.4201	1.4924	1.4924	1.4920	Ave		1.4811			0.0500	2.3		30.0			
Benzyl alcohol	0.6557	0.6584	0.7132	0.6368	0.6430	Ave		0.6614			0.0500	4.6		30.0			
2,2'-oxybis[1-chloropropane]	0.9418	0.9407	0.9378	0.9312	0.9432	Ave		0.9390			0.0500	0.5		30.0			
2-Methylphenol	1.1537	1.0129	1.0304	0.9052	0.8951	Ave		0.9995			0.0500	10.6		30.0			
Acetophenone	1.8041	1.6256	1.5833	1.4735	1.5185	Ave		1.6010			0.0500	8.0		30.0			
N-Nitrosodi-n-propylamine	0.9051	0.8628	0.8270	0.7781	0.8280	Ave		0.8402			0.0500	5.6		30.0			
3 & 4 Methylphenol	1.2263	1.1025	1.1303	0.9793	1.0132	Ave		1.0903			0.0500	9.0		30.0			
4-Methylphenol	1.2263	1.1025	1.1303	0.9793	1.0132	Ave		1.0903			0.0500	9.0		30.0			
Hexachloroethane	0.6095	0.5990	0.5984	0.6024	0.6211	Ave		0.6061			0.0500	1.6		30.0			
Nitrobenzene	0.6667	0.6265	0.6387	0.6354	0.6223	Ave		0.6379			0.0500	2.7		30.0			
n,n'-Dimethylaniline	1.6367	1.7005	1.7038	1.6170	1.6683	Ave		1.6653			0.0500	2.3		30.0			
Isophorone	0.6949	0.6592	0.6562	0.6202	0.6204	Ave		0.6502			0.0500	4.8		30.0			
2-Nitrophenol	0.2139	0.1996	0.2086	0.2010	0.2023	Ave		0.2051			0.0500	2.9		30.0			
2,4-Dimethylphenol	0.3365	0.3196	0.3179	0.2933	0.2986	Ave		0.3132			0.0500	5.6		30.0			
Bis(2-chloroethoxy)methane	0.3837	0.3710	0.3861	0.3885	0.3855	Ave		0.3830			0.0500	1.8		30.0			
2,4-Dichlorophenol	0.3078	0.3079	0.3086	0.2896	0.2914	Ave		0.3010			0.0500	3.2		30.0			
1,2,4-Trichlorobenzene	0.3428	0.3715	0.3723	0.3909	0.3814	Ave		0.3718			0.0500	4.8		30.0			
Naphthalene	1.0285	1.0188	1.0231	1.0245	0.9747	Ave		1.0139			0.0500	2.2		30.0			
4-Chloroaniline	0.3629	0.3503	0.3514	0.3329	0.3422	Ave		0.3479			0.0500	3.2		30.0			
Hexachlorobutadiene	0.2423	0.2360	0.2437	0.2596	0.2566	Ave		0.2476			0.0500	4.0		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.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

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								
Caprolactam	0.0648	0.0688	0.0726	0.0734	0.0647	Ave		0.0689			0.0500	6.0		30.0			
4-Chloro-3-methylphenol	0.2988	0.2669	0.2711	0.2531	0.2491	Ave		0.2678			0.0500	7.3		30.0			
2-Methylnaphthalene	0.6490	0.6294	0.6418	0.6454	0.6453	Ave		0.6422			0.0500	1.2		30.0			
1-Methylnaphthalene	0.6590	0.6652	0.6644	0.6538	0.6487	Ave		0.6582			0.0500	1.1		30.0			
Hexachlorocyclopentadiene	0.3698	0.3948	0.4860	0.4453	0.4764	Ave		0.4345			0.0500	11.7		30.0			
2,4,6-Trichlorophenol	0.4061	0.3842	0.4094	0.3787	0.3964	Ave		0.3949			0.0500	3.4		30.0			
2,4,5-Trichlorophenol	0.3926	0.3855	0.4133	0.3840	0.3883	Ave		0.3927			0.0500	3.0		30.0			
1,1'-Biphenyl	1.5891	1.5399	1.6057	1.5406	1.5617	Ave		1.5674			0.0500	1.9		30.0			
2-Chloronaphthalene	1.1402	1.1695	1.2632	1.2284	1.2515	Ave		1.2106			0.0500	4.4		30.0			
Phenyl ether	0.8535	0.8334	0.8811	0.8629	0.8779	Ave		0.8618			0.0500	2.3		30.0			
2-Nitroaniline	0.3971	0.4427	0.4443	0.4207	0.4215	Ave		0.4253			0.0500	4.5		30.0			
Coumarin	0.1829	0.1756	0.1716	0.1716	0.1608	Ave		0.1725			0.0500	4.6		30.0			
Dimethyl phthalate	1.1418	1.0959	1.1144	1.0880	1.0646	Ave		1.1009			0.0500	2.6		30.0			
2,6-Dinitrotoluene	0.2510	0.2546	0.2578	0.2497	0.2438	Ave		0.2514			0.0500	2.1		30.0			
Acenaphthylene	1.7231	1.6784	1.6932	1.5710	1.5468	Ave		1.6425			0.0500	4.8		30.0			
3-Nitroaniline	0.2562	0.2589	0.2631	0.2597	0.2356	Ave		0.2547			0.0500	4.3		30.0			
Acenaphthene	0.9841	1.0127	1.0454	1.0145	1.0408	Ave		1.0195			0.0500	2.4		30.0			
2,4-Dinitrophenol	0.1036	0.1403	0.1524	0.1422	0.1428	Ave		0.1362			0.0500	13.8		30.0			
4-Nitrophenol	0.1918	0.2361	0.2331	0.2102	0.1854	Ave		0.2113			0.0500	11.0		30.0			
Dibenzofuran	1.5335	1.4804	1.4877	1.4496	1.4464	Ave		1.4795			0.0500	2.4		30.0			
2,4-Dinitrotoluene	0.3100	0.3175	0.3308	0.3128	0.2848	Ave		0.3112			0.0500	5.4		30.0			
Diethyl phthalate	1.0154	1.0251	1.0347	1.0130	0.9419	Ave		1.0060			0.0500	3.7		30.0			
Fluorene	1.1655	1.1520	1.1907	1.1562	1.1247	Ave		1.1578			0.0500	2.1		30.0			
4-Chlorophenyl phenyl ether	0.6065	0.5808	0.6033	0.5991	0.5935	Ave		0.5966			0.0500	1.7		30.0			
4-Nitroaniline	0.2257	0.2334	0.2389	0.2159	0.1924	Ave		0.2213			0.0500	8.3		30.0			
4,6-Dinitro-2-methylphenol	0.1266	0.1425	0.1488	0.1477	0.1507	Ave		0.1433			0.0500	6.8		30.0			
N-Nitrosodiphenylamine	0.6365	0.5357	0.5880	0.6149	0.6297	Ave		0.6009			0.0500	6.8		30.0			
1,2-Diphenylhydrazine	0.9700	1.0639	1.0658	1.1029	1.1668	Ave		1.0739			0.0500	6.7		30.0			
4-Bromophenyl phenyl ether	0.2574	0.2298	0.2547	0.2604	0.2801	Ave		0.2565			0.0500	7.0		30.0			
Hexachlorobenzene	0.2648	0.2403	0.2506	0.2600	0.2756	Ave		0.2583			0.0500	5.2		30.0			
Atrazine	0.2111	0.2164	0.2096	0.2010	0.1896	Ave		0.2055			0.0500	5.1		30.0			
Pentachlorophenol	0.1228	0.1361	0.1449	0.1441	0.1464	Ave		0.1389			0.0500	7.1		30.0			
Phenanthrene	1.1253	1.0671	1.0708	1.0656	1.0560	Ave		1.0770			0.0500	2.6		30.0			
Anthracene	1.1453	1.0904	1.1269	1.0877	1.0608	Ave		1.1022			0.0500	3.1		30.0			
Carbazole	0.8773	0.9121	0.9374	0.8940	0.8659	Ave		0.8974			0.0500	3.2		30.0			
Di-n-butyl phthalate	1.0182	1.1208	1.1389	1.1262	1.0874	Ave		1.0983			0.0500	4.4		30.0			
Fluoranthene	0.9946	1.0684	1.0751	1.0024	1.0204	Ave		1.0322			0.0500	3.6		30.0			
Benzidine	0.1280	0.2731	0.1734	0.0889	0.0774	Ave		0.1482			0.0500	53.6	*	30.0			
Pyrene	1.5276	1.4736	1.4543	1.3611	1.3754	Ave		1.4384			0.0500	4.8		30.0			
Butyl benzyl phthalate	0.6453	0.6058	0.5900	0.5742	0.5924	Ave		0.6016			0.0500	4.5		30.0			
3,3'-Dichlorobenzidine	0.4415	0.4106	0.4287	0.4104	0.4091	Ave		0.4200			0.0500	3.4		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.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

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								
Benzo[a]anthracene	1.4385	1.1324	1.1515	1.1401	1.1544	Ave		1.2034			0.0500	10.9		30.0			
Chrysene	1.0953	1.0432	1.0800	1.0564	1.0242	Ave		1.0598			0.0500	2.7		30.0			
Bis(2-ethylhexyl) phthalate	0.8647	0.8220	0.7935	0.7552	0.7809	Ave		0.8032			0.0500	5.2		30.0			
Di-n-octyl phthalate	1.5014	1.4514	1.4883	1.5053	1.4282	Ave		1.4749			0.0500	2.3		30.0			
Benzo[b]fluoranthene	1.0818	1.1800	1.2511	1.1879	1.2421	Ave		1.1886			0.0500	5.7		30.0			
Benzo[k]fluoranthene	1.2377	1.2585	1.2319	1.3025	1.2667	Ave		1.2595			0.0500	2.2		30.0			
Benzo[a]pyrene	0.9768	1.0051	1.0699	1.0464	1.0508	Ave		1.0298			0.0500	3.7		30.0			
Indeno[1,2,3-cd]pyrene	0.7622	0.9307	1.0075	1.0502	1.0804	Ave		0.9662			0.0500	13.2		30.0			
Dibenz(a,h)anthracene	0.7333	0.9254	0.9974	1.0343	1.0592	Ave		0.9499			0.0500	13.8		30.0			
Benzo[g,h,i]perylene	1.0201	0.9765	1.0240	1.0604	1.0924	Ave		1.0347			0.0500	4.2		30.0			
2-Fluorophenol (Surr)	1.2909	1.3634	1.2508	1.1238	1.0805	Ave		1.2219			0.0500	9.6		30.0			
Phenol-d5 (Surr)	1.6030	1.5209	1.4453	1.2482	1.3274	Ave		1.4290			0.0500	10.0		30.0			
Nitrobenzene-d5 (Surr)	0.4643	0.4741	0.4562	0.4575	0.4452	Ave		0.4595			0.0500	2.3		30.0			
2-Fluorobiphenyl	1.3573	1.4397	1.4392	1.3901	1.4121	Ave		1.4077			0.0500	2.5		30.0			
2,4,6-Tribromophenol (Surr)	0.1607	0.1739	0.1749	0.1634	0.1618	Ave		0.1669			0.0500	4.1		30.0			
Terphenyl-d14 (Surr)	0.9881	1.0199	0.9978	0.9567	0.9729	Ave		0.9871			0.0500	2.4		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.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89687/4	p20112.d
Level 2	IC 460-89687/6	p20114.d
Level 3	ICIS 460-89687/2	p20110.d
Level 4	IC 460-89687/5	p20113.d
Level 5	IC 460-89687/3	p20111.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	54362	212307	463710	806768	944220	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	65699	242222	623856	879651	1201133	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	118890	431959	1077505	1500619	2036116	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1364	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	66102	126124	305107	234149	142042	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	124262	425762	1167105	1440601	2124948	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	114739	363293	1001329	1157502	1915964	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	9742	282668	822424	1107726	1783147	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	86872	295131	822782	1028263	1481164	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	66781	250384	734088	1060368	1654224	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	105822	370733	1076466	1511700	2265519	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	106961	376280	1093997	1520755	2267824	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	101911	345520	1034322	1431383	2120894	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	44300	160189	494322	610735	913988	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	63631	228874	649974	893150	1340791	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	77946	246462	714159	868153	1272314	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	121887	395522	1097374	1413244	2158567	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	6115	209925	573169	746235	1176953	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	82849	268244	783399	939246	1440260	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	82849	268244	783399	939246	1440260	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	4118	145748	414705	577758	882869	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	14242	448687	1288045	1673300	2501873	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	11058	413743	1180885	1550848	2371427	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	148439	472129	1323380	1633407	2494233	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	45687	142991	420667	529368	813173	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	71876	228915	641023	772540	1200667	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	81962	265752	778636	1023239	1550050	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	65745	220499	622302	762623	1171572	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	7323	266056	750808	1029546	1533372	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	219687	729669	2063115	2698098	3918734	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	77508	250901	708551	876798	1375913	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	10353	169033	491454	683564	1031527	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	13840	49278	146383	193238	260256	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	63831	191164	546640	666637	1001313	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.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

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
2-Methylnaphthalene	NPT	Ave	138636	450802	1294164	1699676	2594554	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	140759	476447	1339827	1721979	2608078	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	41311	138445	457278	574904	924135	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	45358	134725	385188	488895	768918	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	43852	135191	388846	495697	753277	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	177501	540001	1510864	1988793	3029548	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	127366	410097	1188547	1585764	2427815	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	95335	292253	829031	1113885	1703056	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	88704	155234	418054	543112	817674	10.0	20.0	50.0	80.0	120
Coumarin	NPT	Ave	39072	125784	346131	451851	646400	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	127544	384299	1048568	1404471	2065240	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5608	89284	242578	322315	472945	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	192468	588562	1593198	2027951	3000608	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	57240	90783	247554	335209	456976	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	109927	355102	983685	1309662	2019143	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	34721	73801	143354	183591	276934	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	64282	124208	219287	271352	359614	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	171290	519133	1399798	1871291	2805996	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	6926	111335	311301	403793	552478	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	113417	359454	973607	1307691	1827288	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	130183	403950	1120382	1492592	2181844	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	67752	203654	567627	773334	1151413	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	50431	81857	224826	278659	373193	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	52398	102560	185366	237994	329936	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	87780	256987	732617	990552	1378768	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	133775	510427	1327857	1776675	2554953	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	35494	110255	317340	419562	613388	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3652	115282	312239	418914	603562	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	29111	103798	261142	323859	415147	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	50811	97966	180517	232155	320550	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	155204	511965	1334071	1716597	2312231	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	157959	523145	1404032	1752295	2322833	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	120994	437605	1167965	1440229	1896138	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	140432	537732	1418945	1814311	2381076	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	137173	512559	1339540	1614865	2234445	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	35294	196545	216092	143224	169471	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	134209	521965	1324747	1555674	2216929	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	56690	214592	537457	656318	954894	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	77569	218149	390506	469024	659434	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	12638	401122	1048944	1303040	1860694	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	96230	369535	983799	1207356	1650891	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	75965	291149	722785	863157	1258667	5.00	20.0	50.0	80.0	120
Di-n-octyl phthalate	PRY	Ave	118058	430420	1128040	1423183	1957151	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.: 460-32128-1 Analy Batch No.: 89687

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/10/2011 12:55 Calibration End Date: 10/10/2011 14:38 Calibration ID: 12679

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
Benzo[b]fluoranthene	PRY	Ave	8506	349936	948228	1123060	1702137	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	9732	373216	933684	1231391	1735930	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	7681	298052	810932	989294	1439958	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	5993	275993	763617	992856	1480576	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	5766	274419	755964	977833	1451512	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	80215	289573	776147	1002528	1496987	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	87215	331721	866913	1077837	1535995	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	108305	370060	1001727	1197157	1886906	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	99176	339596	919929	1205009	1789939	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	151611	504858	1354207	1794448	2739327	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	17947	60966	164564	210994	313826	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	86808	361256	908864	1093439	1568060	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20110.d
 Report Date: 19-Oct-2011 10:16

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20110.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 10-OCT-2011 12:55
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:16 croccom Quant Type: ISTD
 Cal Date : 10-OCT-2011 12:55 Cal File: p20110.d
 Als bottle: 3 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 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	1.011	1.011	(0.272)	463710	50.0000	43	
19 N-Nitrosodimethylamine	74	1.211	1.211	(0.326)	623856	50.0000	49	
71 Pyridine	79	1.229	1.229	(0.331)	1077505	50.0000	48	
\$ 16 2-Fluorophenol (SUR)	112	2.345	2.345	(0.631)	866913	50.0000	51	
110 Benzaldehyde	77	3.215	3.215	(0.866)	305107	50.0000	48	
\$ 17 Phenol-d5 (SUR)	99	3.367	3.367	(0.907)	1001727	50.0000	50	
1 Phenol	94	3.385	3.385	(0.911)	1001329	50.0000	50	
73 Aniline	93	3.350	3.350	(0.902)	1167105	50.0000	51	
20 bis(2-Chloroethyl)ether	93	3.444	3.444	(0.927)	822424	50.0000	48	
2 2-Chlorophenol	128	3.485	3.485	(0.938)	822782	50.0000	51	
113 n-decane	43	3.585	3.585	(0.965)	734088	50.0000	50	
21 1,3-Dichlorobenzene	146	3.649	3.649	(0.983)	1076466	50.0000	50	
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714	(1.000)	554457	40.0000		
22 1,4-Dichlorobenzene	146	3.732	3.732	(1.005)	1093997	50.0000	50	
74 Benzyl Alcohol	108	3.908	3.908	(1.052)	494322	50.0000	54	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20110.d
Report Date: 19-Oct-2011 10:16

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.908	3.908	(1.052)	1034322	50.0000	50
3 2-Methylphenol	108	4.072	4.072	(1.096)	714159	50.0000	52
24 bis (2-chloroisopropyl) ether	45	4.067	4.067	(1.095)	649974	50.0000	50
104 Acetophenone	105	4.202	4.202	(1.131)	1097374	50.0000	49
4 4-Methylphenol	108	4.255	4.255	(1.146)	783399	50.0000	52
121 3 & 4 Methylphenol	108	4.255	4.255	(1.146)	783399	50.0000	52
25 N-Nitroso-di-n-propylamine	70	4.225	4.225	(1.138)	573169	50.0000	49
26 Hexachloroethane	117	4.284	4.284	(1.153)	414705	50.0000	49
\$ 76 Nitrobenzene-d5 (SUR)	82	4.354	4.354	(0.850)	919929	50.0000	50
107 N,N-Dimethylaniline	120	4.390	4.390	(1.182)	1180885	50.0000	51
27 Nitrobenzene	77	4.378	4.378	(0.854)	1288045	50.0000	50
28 Isophorone	82	4.654	4.654	(0.908)	1323380	50.0000	50
5 2-Nitrophenol	139	4.731	4.731	(0.923)	420667	50.0000	51
6 2,4-Dimethylphenol	122	4.830	4.830	(0.943)	641023	50.0000	51
29 bis(2-Chloroethoxy)methane	93	4.919	4.919	(0.960)	778636	50.0000	50
7 2,4-Dichlorophenol	162	5.007	5.007	(0.977)	622302	50.0000	51
30 1,2,4-Trichlorobenzene	180	5.077	5.077	(0.991)	750808	50.0000	50
* 80 Naphthalene-d8	136	5.124	5.124	(1.000)	1613292	40.0000	
31 Naphthalene	128	5.148	5.148	(1.005)	2063115	50.0000	50
32 4-Chloroaniline	127	5.236	5.236	(1.022)	708551	50.0000	97(H)
33 Hexachlorobutadiene	225	5.312	5.312	(1.037)	491454	50.0000	49
111 Caprolactam	113	5.624	5.624	(1.097)	146383	50.0000	53
8 4-Chloro-3-methylphenol	107	5.794	5.794	(1.131)	546640	50.0000	51
34 2-Methylnaphthalene	142	5.882	5.882	(1.148)	1294164	50.0000	50
120 1-Methylnaphthalene	142	5.976	5.976	(1.166)	1339827	50.0000	50
35 Hexachlorocyclopentadiene	237	6.058	6.058	(0.874)	457278	50.0000	56
9 2,4,6-Trichlorophenol	196	6.194	6.194	(0.894)	385188	50.0000	52
10 2,4,5-Trichlorophenol	196	6.235	6.235	(0.900)	388846	50.0000	53
\$ 77 2-Fluorobiphenyl (SUR)	172	6.276	6.276	(0.906)	1354207	50.0000	51
102 Diphenyl	154	6.370	6.370	(0.919)	1510864	50.0000	51
36 2-Chloronaphthalene	162	6.370	6.370	(0.919)	1188547	50.0000	52
103 Diphenyl Ether	170	6.481	6.481	(0.936)	829031	50.0000	51
37 2-Nitroaniline	65	6.499	6.499	(0.938)	418054	50.0000	52
38 Dimethylphthalate	163	6.705	6.705	(0.968)	1048568	50.0000	51
114 Coumarin	146	6.693	6.693	(1.306)	346131	50.0000	50
40 2,6-Dinitrotoluene	165	6.752	6.752	(0.975)	242578	50.0000	51
39 Acenaphthylene	152	6.781	6.781	(0.979)	1593198	50.0000	52
41 3-Nitroaniline	138	6.910	6.910	(0.997)	247554	50.0000	52
* 82 Acenaphthene-d10	164	6.928	6.928	(1.000)	752745	40.0000	
42 Acenaphthene	154	6.957	6.957	(1.004)	983685	50.0000	51
11 2,4-Dinitrophenol	184	7.022	7.022	(1.014)	143354	50.0000	56
12 4-Nitrophenol	65	7.128	7.128	(1.029)	219287	50.0000	55
44 2,4-Dinitrotoluene	165	7.151	7.151	(1.032)	311301	50.0000	53
43 Dibenzofuran	168	7.134	7.134	(1.030)	1399798	50.0000	50
45 Diethylphthalate	149	7.410	7.410	(1.070)	973607	50.0000	51
46 4-Chlorophenyl-phenylether	204	7.492	7.492	(1.081)	567627	50.0000	50
47 Fluorene	166	7.469	7.469	(1.078)	1120382	50.0000	51

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20110.d
 Report Date: 19-Oct-2011 10:16

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.516	7.516	(1.085)	224826	50.0000	54
13 4,6-Dinitro-2-methylphenol	198		7.551	7.551	(0.901)	185366	50.0000	52
49 N-Nitrosodiphenylamine	169		7.610	7.610	(0.908)	732617	50.0000	49
75 1,2-Diphenylhydrazine	77		7.645	7.645	(0.912)	1327857	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.709	7.709	(1.113)	164564	50.0000	52
50 4-Bromophenyl-phenylether	248		7.962	7.962	(0.950)	317340	50.0000	50
51 Hexachlorobenzene	284		8.015	8.015	(0.957)	312239	50.0000	48
112 Atrazine	200		8.162	8.162	(0.974)	261142	50.0000	51
14 Pentachlorophenol	266		8.221	8.221	(0.981)	180517	50.0000	52
* 83 Phenanthrene-d10	188		8.379	8.379	(1.000)	996735	40.0000	
52 Phenanthrene	178		8.403	8.403	(1.003)	1334071	50.0000	50
53 Anthracene	178		8.450	8.450	(1.008)	1404032	50.0000	51
54 Carbazole	167		8.626	8.626	(1.029)	1167965	50.0000	52
55 Di-n-butylphthalate	149		9.014	9.014	(1.076)	1418945	50.0000	52
56 Fluoranthene	202		9.560	9.560	(1.141)	1339540	50.0000	52
58 Benzidine	184		9.713	9.713	(1.159)	216092	50.0000	58
57 Pyrene	202		9.772	9.772	(0.891)	1324747	50.0000	50
\$ 78 Terphenyl-d14	244		9.960	9.960	(0.908)	908864	50.0000	50
59 Butylbenzylphthalate	149		10.459	10.459	(0.953)	537457	50.0000	49
109 2,3,7,8-TCDD (Screen)	320		10.524	10.524	(0.959)	1364	0.50000	0.50
60 3,3'-Dichlorobenzidine	252		10.959	10.959	(0.999)	390506	50.0000	51
61 Benzo(a)anthracene	228		10.959	10.959	(0.999)	1048944	50.0000	48
* 81 Chrysene-d12	240		10.970	10.970	(1.000)	728724	40.0000	
62 Chrysene	228		10.994	10.994	(1.002)	983799	50.0000	51
63 bis(2-Ethylhexyl)phthalate	149		11.070	11.070	(1.009)	722785	50.0000	49
64 Di-n-octylphthalate	149		11.799	11.799	(0.936)	1128040	50.0000	50
65 Benzo(b)fluoranthene	252		12.157	12.157	(0.964)	948228	50.0000	53
66 Benzo(k)fluoranthene	252		12.193	12.193	(0.967)	933684	50.0000	49
67 Benzo(a)pyrene	252		12.539	12.539	(0.994)	810932	50.0000	52
* 84 Perylene-d12	264		12.610	12.610	(1.000)	606349	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.920	13.920	(1.104)	763617	50.0000	52
69 Dibenz(a,h)anthracene	278		13.955	13.955	(1.107)	755964	50.0000	52
70 Benzo(g,h,i)perylene	276		14.237	14.237	(1.129)	776147	50.0000	49

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: p20110.d

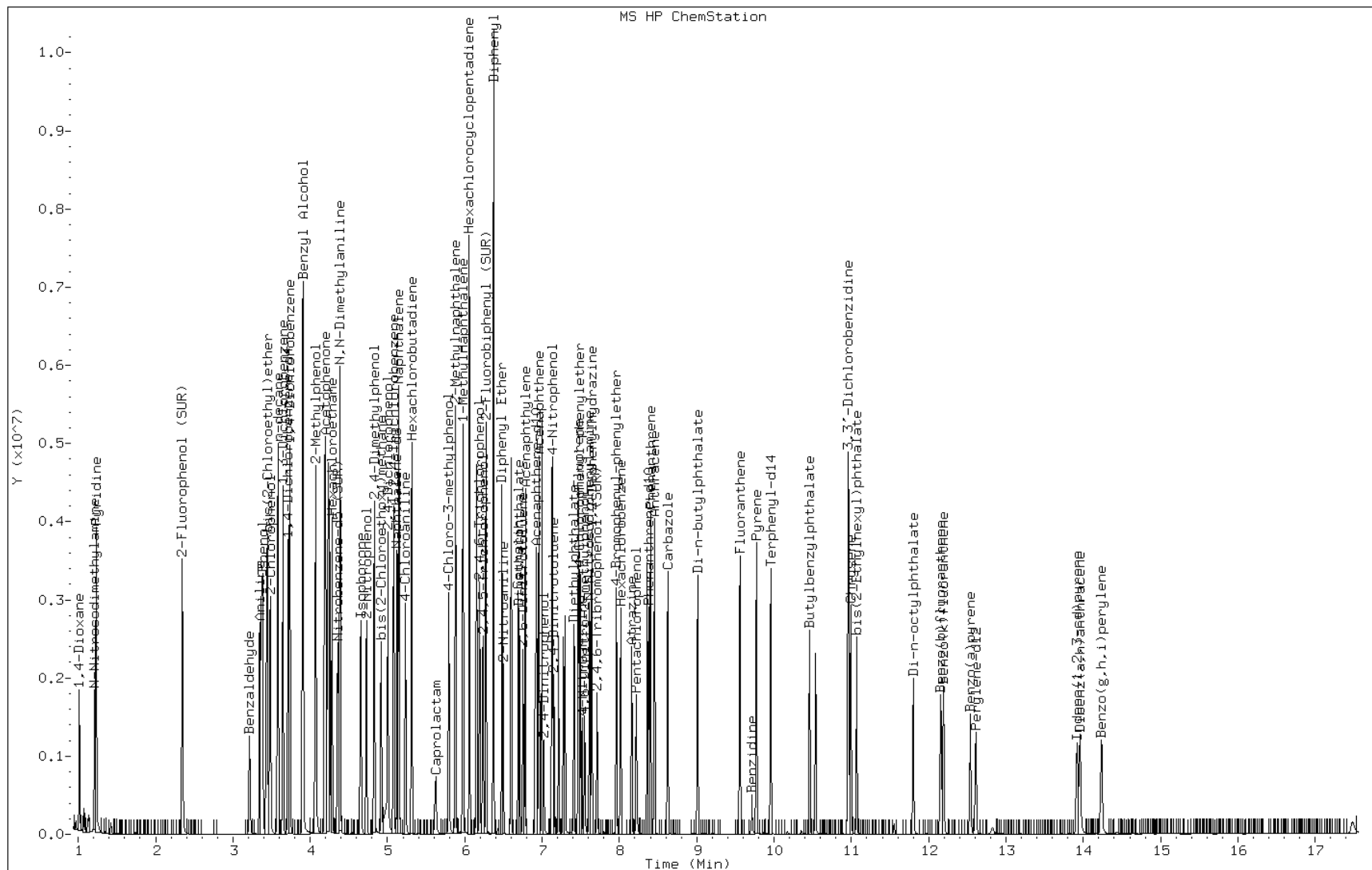
Date: 10-OCT-2011 12:55

Client ID:

Instrument: BNAMS10.i

Sample Info: ICIS-1143618

Operator: BNAMS 4



Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20111.d
 Report Date: 19-Oct-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20111.d
 Lab Smp Id: IC-1143620
 Inj Date : 10-OCT-2011 13:21
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:18 croccom
 Cal Date : 10-OCT-2011 12:55
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD
 Cal File: p20110.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	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.059	1.059	(0.285)	944220	120.000	100(H)	
19 N-Nitrosodimethylamine	74	1.258	1.258	(0.338)	1201133	120.000	110(M)	
71 Pyridine	79	1.276	1.276	(0.343)	2036116	120.000	110(M)	
\$ 16 2-Fluorophenol (SUR)	112	2.392	2.392	(0.643)	1535995	120.000	110	
110 Benzaldehyde	77	3.232	3.232	(0.869)	142042	120.000	26	
\$ 17 Phenol-d5 (SUR)	99	3.379	3.379	(0.908)	1886906	120.000	110	
1 Phenol	94	3.391	3.391	(0.912)	1915964	120.000	110	
73 Aniline	93	3.362	3.362	(0.904)	2124948	120.000	110	
20 bis(2-Chloroethyl)ether	93	3.462	3.462	(0.930)	1783147	120.000	120(A)	
2 2-Chlorophenol	128	3.503	3.503	(0.942)	1481164	120.000	110	
113 n-decane	43	3.591	3.591	(0.965)	1654224	120.000	130(A)	
21 1,3-Dichlorobenzene	146	3.661	3.661	(0.984)	2265519	120.000	120(A)	
* 79 1,4-Dichlorobenzene-d4	152	3.720	3.720	(1.000)	473832	40.0000		
22 1,4-Dichlorobenzene	146	3.744	3.744	(1.006)	2267824	120.000	120(A)	
74 Benzyl Alcohol	108	3.914	3.914	(1.052)	913988	120.000	120	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20111.d
 Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.914	3.914	(1.052)	2120894	120.000	120(A)
3 2-Methylphenol	108	4.079	4.079	(1.096)	1272314	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.073	4.073	(1.095)	1340791	120.000	120(A)
104 Acetophenone	105	4.214	4.214	(1.133)	2158567	120.000	110
4 4-Methylphenol	108	4.267	4.267	(1.147)	1440260	120.000	110
121 3 & 4 Methylphenol	108	4.267	4.267	(1.147)	1440260	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.237	4.237	(1.139)	1176953	120.000	120(M)
26 Hexachloroethane	117	4.284	4.284	(1.152)	882869	120.000	120(A)
\$ 76 Nitrobenzene-d5 (SUR)	82	4.366	4.366	(0.851)	1789939	120.000	120
107 N,N-Dimethylaniline	120	4.402	4.402	(1.183)	2371427	120.000	120(A)
27 Nitrobenzene	77	4.396	4.396	(0.857)	2501873	120.000	120
28 Isophorone	82	4.666	4.666	(0.910)	2494233	120.000	110
5 2-Nitrophenol	139	4.731	4.731	(0.922)	813173	120.000	120
6 2,4-Dimethylphenol	122	4.837	4.837	(0.943)	1200667	120.000	110
29 bis(2-Chloroethoxy)methane	93	4.925	4.925	(0.960)	1550050	120.000	120(A)
7 2,4-Dichlorophenol	162	5.013	5.013	(0.977)	1171572	120.000	120
30 1,2,4-Trichlorobenzene	180	5.083	5.083	(0.991)	1533372	120.000	120(A)
* 80 Naphthalene-d8	136	5.130	5.130	(1.000)	1340175	40.0000	
31 Naphthalene	128	5.154	5.154	(1.005)	3918734	120.000	120
32 4-Chloroaniline	127	5.236	5.236	(1.021)	1375913	120.000	120(H)
33 Hexachlorobutadiene	225	5.312	5.312	(1.036)	1031527	120.000	120(A)
111 Caprolactam	113	5.671	5.671	(1.105)	260256	120.000	110
8 4-Chloro-3-methylphenol	107	5.800	5.800	(1.131)	1001313	120.000	110
34 2-Methylnaphthalene	142	5.882	5.882	(1.147)	2594554	120.000	120(A)
120 1-Methylnaphthalene	142	5.982	5.982	(1.166)	2608078	120.000	120
35 Hexachlorocyclopentadiene	237	6.064	6.064	(0.875)	924135	120.000	130(A)
9 2,4,6-Trichlorophenol	196	6.200	6.200	(0.895)	768918	120.000	120(A)
10 2,4,5-Trichlorophenol	196	6.241	6.241	(0.901)	753277	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.282	6.282	(0.907)	2739327	120.000	120(A)
102 Diphenyl	154	6.370	6.370	(0.919)	3029548	120.000	120
36 2-Chloronaphthalene	162	6.376	6.376	(0.920)	2427815	120.000	120(A)
103 Diphenyl Ether	170	6.482	6.482	(0.936)	1703056	120.000	120(A)
37 2-Nitroaniline	65	6.505	6.505	(0.939)	817674	120.000	120
38 Dimethylphthalate	163	6.711	6.711	(0.969)	2065240	120.000	120
114 Coumarin	146	6.699	6.699	(1.306)	646400	120.000	110
40 2,6-Dinitrotoluene	165	6.758	6.758	(0.975)	472945	120.000	120
39 Acenaphthylene	152	6.787	6.787	(0.980)	3000608	120.000	110
41 3-Nitroaniline	138	6.916	6.916	(0.998)	456976	120.000	110
* 82 Acenaphthene-d10	164	6.928	6.928	(1.000)	646641	40.0000	
42 Acenaphthene	154	6.963	6.963	(1.005)	2019143	120.000	120(A)
11 2,4-Dinitrophenol	184	7.028	7.028	(1.014)	276934	120.000	120(A)
12 4-Nitrophenol	65	7.134	7.134	(1.030)	359614	120.000	100
44 2,4-Dinitrotoluene	165	7.157	7.157	(1.033)	552478	120.000	110
43 Dibenzofuran	168	7.134	7.134	(1.030)	2805996	120.000	120
45 Diethylphthalate	149	7.416	7.416	(1.070)	1827288	120.000	110
46 4-Chlorophenyl-phenylether	204	7.492	7.492	(1.081)	1151413	120.000	120
47 Fluorene	166	7.475	7.475	(1.079)	2181844	120.000	120

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20111.d
 Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.522	7.522	(1.086)	373193	120.000	100
13 4,6-Dinitro-2-methylphenol	198	7.557	7.557	(0.902)	329936	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.616	7.616	(0.909)	1378768	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.645	7.645	(0.912)	2554953	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.716	7.716	(1.114)	313826	120.000	120
50 4-Bromophenyl-phenylether	248	7.962	7.962	(0.950)	613388	120.000	130(A)
51 Hexachlorobenzene	284	8.015	8.015	(0.957)	603562	120.000	130(A)
112 Atrazine	200	8.168	8.168	(0.975)	415147	120.000	110
14 Pentachlorophenol	266	8.221	8.221	(0.981)	320550	120.000	130(A)
* 83 Phenanthrene-d10	188	8.379	8.379	(1.000)	729898	40.0000	
52 Phenanthrene	178	8.403	8.403	(1.003)	2312231	120.000	120
53 Anthracene	178	8.456	8.456	(1.009)	2322833	120.000	120
54 Carbazole	167	8.626	8.626	(1.029)	1896138	120.000	120
55 Di-n-butylphthalate	149	9.014	9.014	(1.076)	2381076	120.000	120
56 Fluoranthene	202	9.560	9.560	(1.141)	2234445	120.000	120
58 Benzidine	184	9.713	9.713	(1.159)	169471	120.000	63
57 Pyrene	202	9.772	9.772	(0.891)	2216929	120.000	110
\$ 78 Terphenyl-d14	244	9.960	9.960	(0.908)	1568060	120.000	120
59 Butylbenzylphthalate	149	10.459	10.459	(0.953)	954894	120.000	120
60 3,3'-Dichlorobenzidine	252	10.959	10.959	(0.999)	659434	120.000	120(A)
61 Benzo(a)anthracene	228	10.959	10.959	(0.999)	1860694	120.000	120
* 81 Chrysene-d12	240	10.971	10.971	(1.000)	537273	40.0000	
62 Chrysene	228	10.994	10.994	(1.002)	1650891	120.000	120
63 bis(2-Ethylhexyl)phthalate	149	11.070	11.070	(1.009)	1258667	120.000	120
64 Di-n-octylphthalate	149	11.799	11.799	(0.936)	1957151	120.000	120
65 Benzo(b)fluoranthene	252	12.163	12.163	(0.965)	1702137	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.193	12.193	(0.967)	1735930	120.000	120(A)
67 Benzo(a)pyrene	252	12.539	12.539	(0.995)	1439958	120.000	120(A)
* 84 Perylene-d12	264	12.604	12.604	(1.000)	456799	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.926	13.926	(1.105)	1480576	120.000	130(A)
69 Dibenz(a,h)anthracene	278	13.967	13.967	(1.108)	1451512	120.000	130(A)
70 Benzo(g,h,i)perylene	276	14.249	14.249	(1.131)	1496987	120.000	130(A)

QC Flag Legend

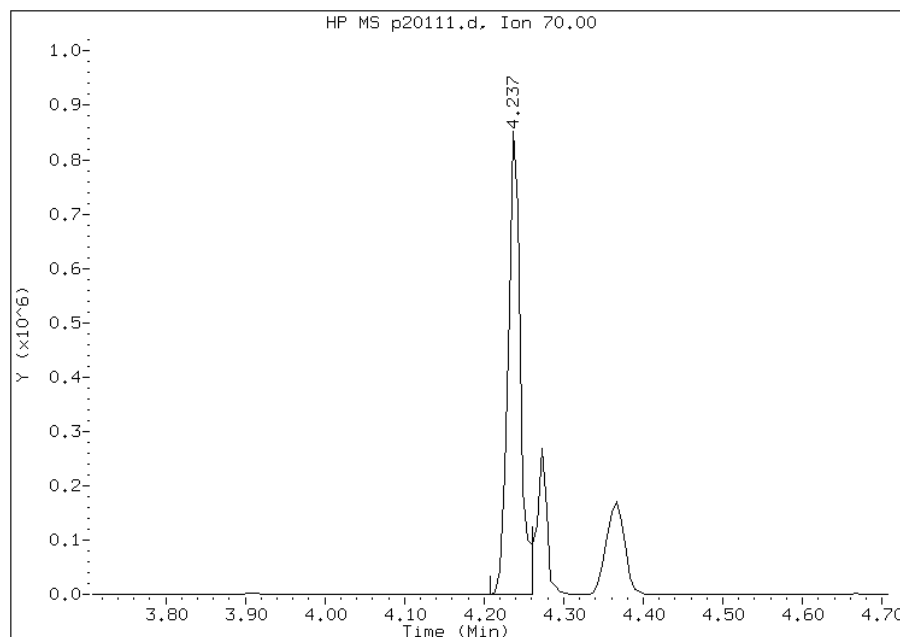
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: p20111.d
Inj. Date and Time: 10-OCT-2011 13:21
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/19/2011

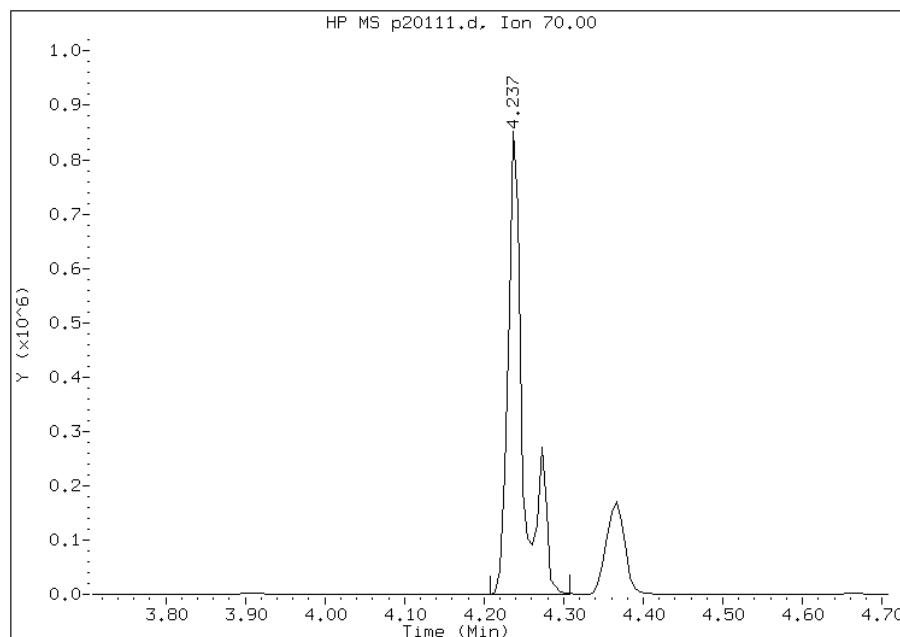
Processing Integration Results

RT: 4.24
Response: 965121
Amount: 104
Conc: 104



Manual Integration Results

RT: 4.24
Response: 1176953
Amount: 118
Conc: 118



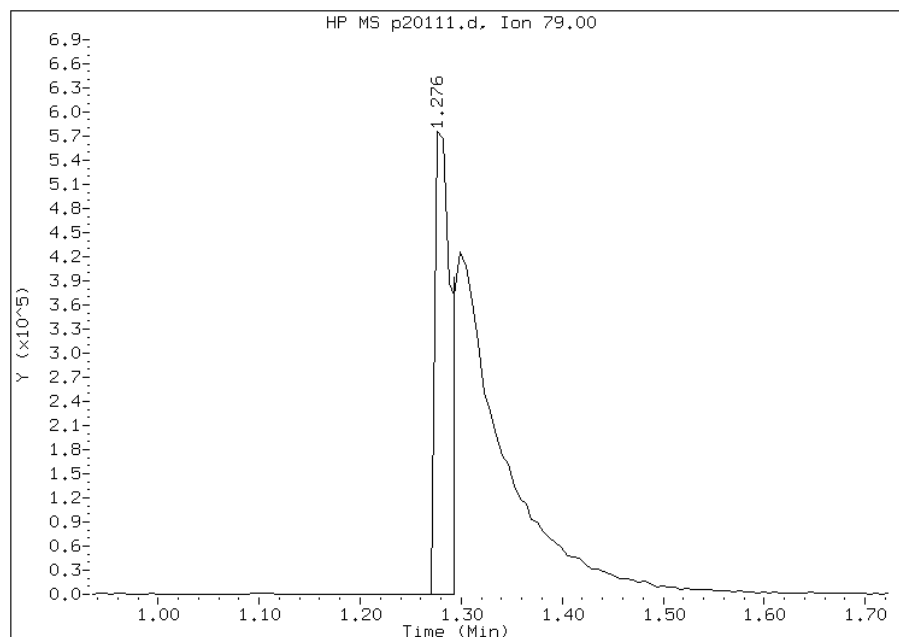
Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: p20111.d
Inj. Date and Time: 10-OCT-2011 13:21
Instrument ID: BNAMS10.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 10/19/2011

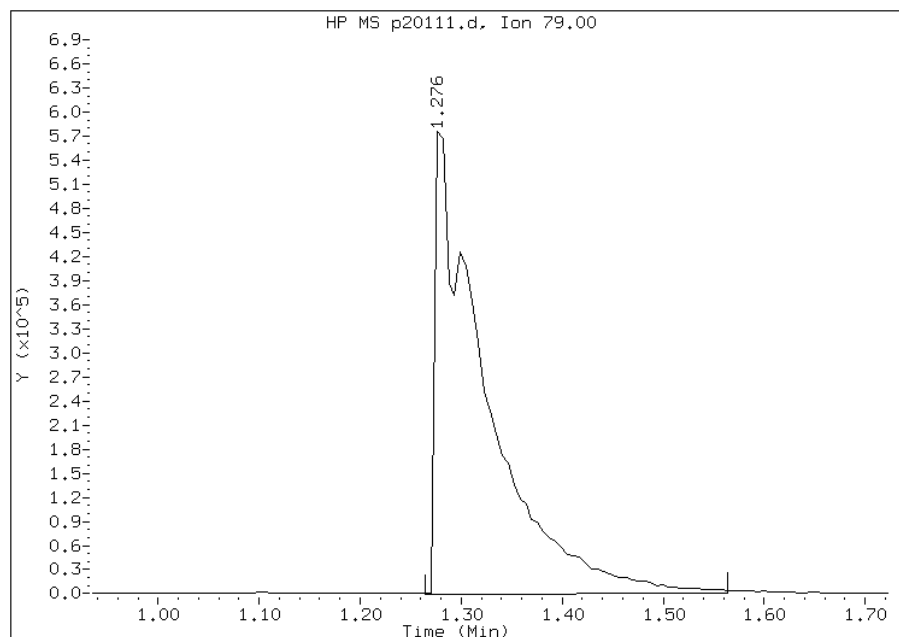
Processing Integration Results

RT: 1.28
Response: 670280
Amount: 40
Conc: 40



Manual Integration Results

RT: 1.28
Response: 2036116
Amount: 106
Conc: 106



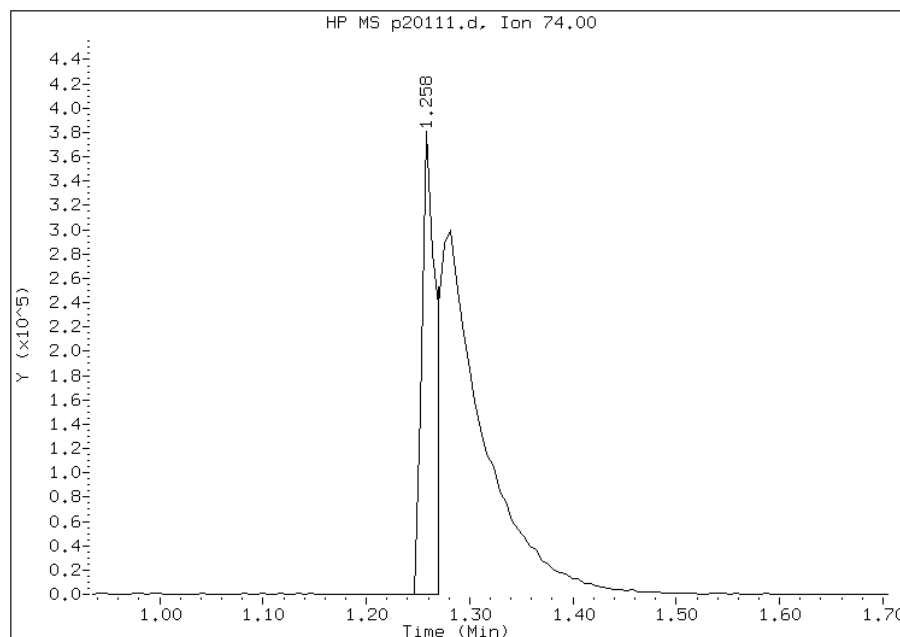
Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: p20111.d
Inj. Date and Time: 10-OCT-2011 13:21
Instrument ID: BNAMS10.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 10/19/2011

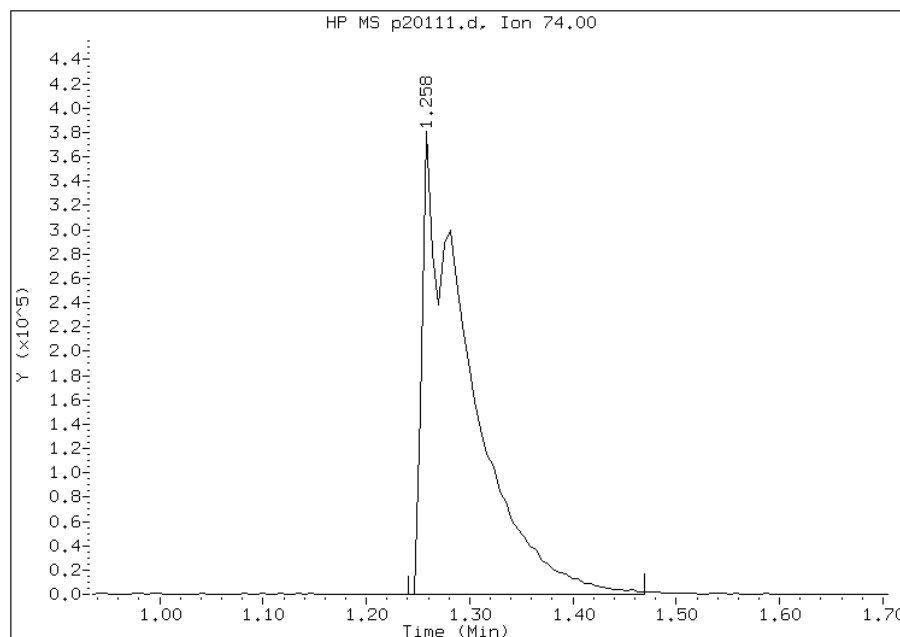
Processing Integration Results

RT: 1.26
Response: 370833
Amount: 39
Conc: 39



Manual Integration Results

RT: 1.26
Response: 1201133
Amount: 109
Conc: 109



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20112.d
 Report Date: 19-Oct-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20112.d
 Lab Smp Id: IC-1143607
 Inj Date : 10-OCT-2011 13:46
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:18 croccom Quant Type: ISTD
 Cal Date : 10-OCT-2011 12:55 Cal File: p20110.d
 Als bottle: 5 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 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	1.017	1.017	(0.274)	54362	5.00000	5.2(H)
19 N-Nitrosodimethylamine		74	1.217	1.217	(0.328)	65699	5.00000	5.2
71 Pyridine		79	1.241	1.241	(0.335)	118890	5.00000	5.4
\$ 16 2-Fluorophenol (SUR)		112	2.345	2.345	(0.632)	87215	5.00000	5.3
110 Benzaldehyde		77	3.209	3.209	(0.865)	66102	5.00000	11
\$ 17 Phenol-d5 (SUR)		99	3.350	3.350	(0.903)	108305	5.00000	5.6
1 Phenol		94	3.362	3.362	(0.907)	114739	5.00000	5.9
73 Aniline		93	3.338	3.338	(0.900)	124262	5.00000	5.6
20 bis(2-Chloroethyl)ether		93	3.432	3.432	(0.926)	9742	0.50000	0.58
2 2-Chlorophenol		128	3.473	3.473	(0.937)	86872	5.00000	5.5
113 n-decane		43	3.573	3.573	(0.964)	66781	5.00000	4.6(a)
21 1,3-Dichlorobenzene		146	3.638	3.638	(0.981)	105822	5.00000	5.0
* 79 1,4-Dichlorobenzene-d4		152	3.708	3.708	(1.000)	540498	40.0000	
22 1,4-Dichlorobenzene		146	3.726	3.726	(1.005)	106961	5.00000	5.0
74 Benzyl Alcohol		108	3.896	3.896	(1.051)	44300	5.00000	5.0

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20112.d
 Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.896	3.896	(1.051)	101911	5.00000	5.1
3 2-Methylphenol	108	4.055	4.055	(1.093)	77946	5.00000	5.8
24 bis (2-chloroisopropyl) ether	45	4.061	4.061	(1.095)	63631	5.00000	5.0
104 Acetophenone	105	4.184	4.184	(1.128)	121887	5.00000	5.6
4 4-Methylphenol	108	4.237	4.237	(1.143)	82849	5.00000	5.6
121 3 & 4 Methylphenol	108	4.237	4.237	(1.143)	82849	5.00000	5.6
25 N-Nitroso-di-n-propylamine	70	4.208	4.208	(1.135)	6115	0.50000	0.54(M)
26 Hexachloroethane	117	4.278	4.278	(1.154)	4118	0.50000	0.50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.343	(0.848)	99176	5.00000	5.0
107 N,N-Dimethylaniline	120	4.378	4.378	(1.181)	11058	0.50000	0.49(a)
27 Nitrobenzene	77	4.366	4.366	(0.853)	14242	0.50000	0.52(H)
28 Isophorone	82	4.637	4.637	(0.906)	148439	5.00000	5.3
5 2-Nitrophenol	139	4.725	4.725	(0.923)	45687	5.00000	5.2
6 2,4-Dimethylphenol	122	4.819	4.819	(0.941)	71876	5.00000	5.4
29 bis(2-Chloroethoxy)methane	93	4.913	4.913	(0.960)	81962	5.00000	5.0
7 2,4-Dichlorophenol	162	5.001	5.001	(0.977)	65745	5.00000	5.1
30 1,2,4-Trichlorobenzene	180	5.072	5.072	(0.991)	7323	0.50000	0.46(a)
* 80 Naphthalene-d8	136	5.119	5.119	(1.000)	1708859	40.0000	
31 Naphthalene	128	5.142	5.142	(1.005)	219687	5.00000	5.1
32 4-Chloroaniline	127	5.230	5.230	(1.022)	77508	5.00000	5.2(H)
33 Hexachlorobutadiene	225	5.307	5.307	(1.037)	10353	1.00000	0.98(a)
111 Caprolactam	113	5.565	5.565	(1.087)	13840	5.00000	4.7(a)
8 4-Chloro-3-methylphenol	107	5.782	5.782	(1.130)	63831	5.00000	5.6
34 2-Methylnaphthalene	142	5.876	5.876	(1.148)	138636	5.00000	5.0
120 1-Methylnaphthalene	142	5.970	5.970	(1.166)	140759	5.00000	5.0(a)
35 Hexachlorocyclopentadiene	237	6.053	6.053	(0.874)	41311	5.00000	4.2(a)
9 2,4,6-Trichlorophenol	196	6.188	6.188	(0.894)	45358	5.00000	5.1
10 2,4,5-Trichlorophenol	196	6.223	6.223	(0.899)	43852	5.00000	5.0
\$ 77 2-Fluorobiphenyl (SUR)	172	6.270	6.270	(0.906)	151611	5.00000	4.8(a)
102 Diphenyl	154	6.364	6.364	(0.919)	177501	5.00000	5.1
36 2-Chloronaphthalene	162	6.364	6.364	(0.919)	127366	5.00000	4.7(a)
103 Diphenyl Ether	170	6.476	6.476	(0.935)	95335	5.00000	5.0
37 2-Nitroaniline	65	6.488	6.488	(0.937)	88704	10.0000	9.3(a)
38 Dimethylphthalate	163	6.699	6.699	(0.968)	127544	5.00000	5.2
114 Coumarin	146	6.681	6.681	(1.305)	39072	5.00000	5.3
40 2,6-Dinitrotoluene	165	6.740	6.740	(0.974)	5608	1.00000	1.00
39 Acenaphthylene	152	6.775	6.775	(0.979)	192468	5.00000	5.2
41 3-Nitroaniline	138	6.899	6.899	(0.997)	57240	10.0000	10
* 82 Acenaphthene-d10	164	6.922	6.922	(1.000)	893606	40.0000	
42 Acenaphthene	154	6.952	6.952	(1.004)	109927	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	7.010	7.010	(1.013)	34721	15.0000	11(a)
12 4-Nitrophenol	65	7.116	7.116	(1.028)	64282	15.0000	14(a)
44 2,4-Dinitrotoluene	165	7.140	7.140	(1.031)	6926	1.00000	1.00(M)
43 Dibenzofuran	168	7.128	7.128	(1.030)	171290	5.00000	5.2
45 Diethylphthalate	149	7.404	7.404	(1.070)	113417	5.00000	5.0
46 4-Chlorophenyl-phenylether	204	7.486	7.486	(1.081)	67752	5.00000	5.1
47 Fluorene	166	7.463	7.463	(1.078)	130183	5.00000	5.0

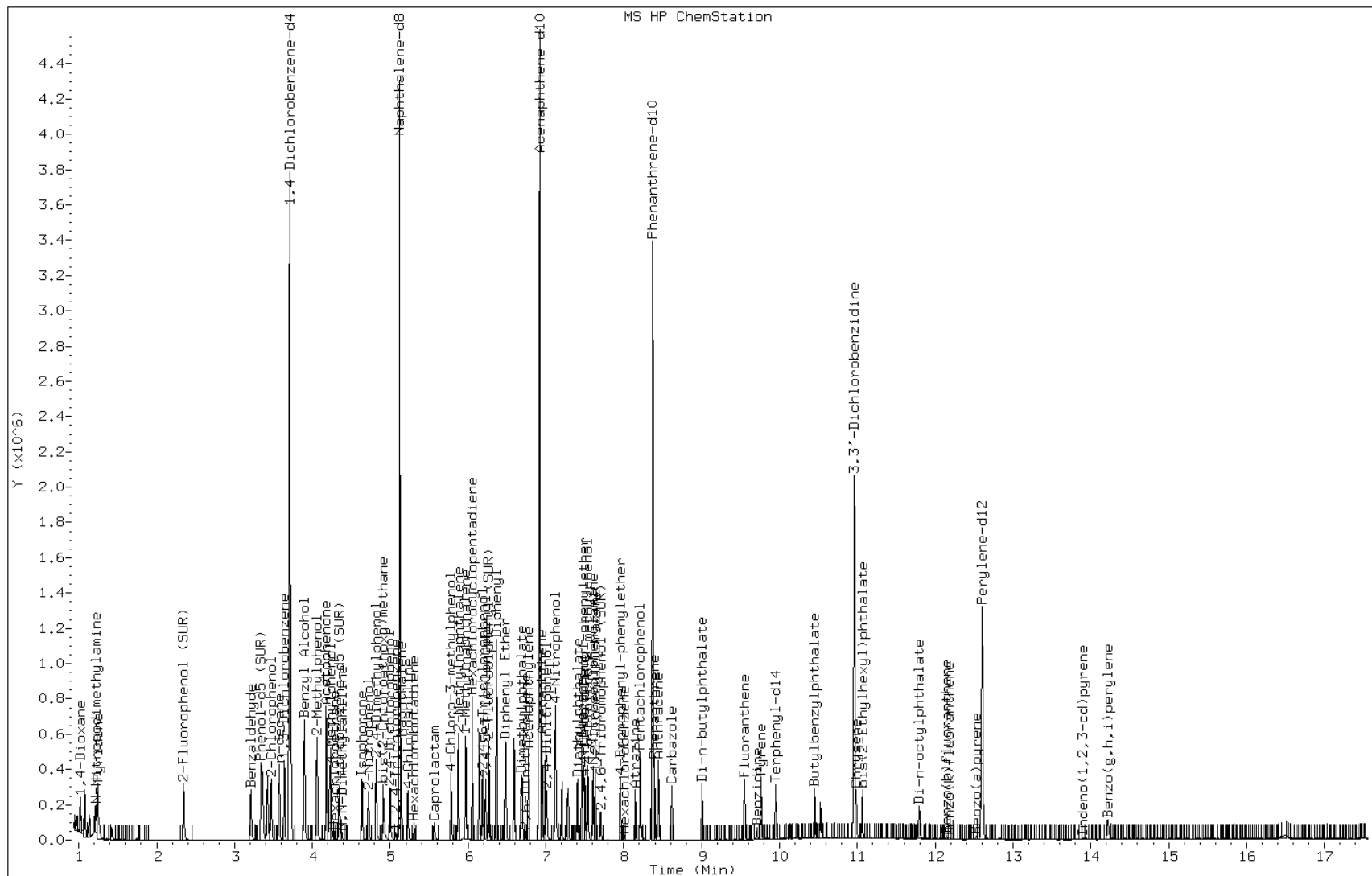
Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20112.d
Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.498	7.498	(1.083)	50431	10.0000	10
13 4,6-Dinitro-2-methylphenol	198	7.539	7.539	(0.900)	52398	15.0000	13(a)
49 N-Nitrosodiphenylamine	169	7.604	7.604	(0.908)	87780	5.00000	5.3
75 1,2-Diphenylhydrazine	77	7.633	7.633	(0.912)	133775	5.00000	4.5(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.704	7.704	(1.113)	17947	5.00000	4.8(a)
50 4-Bromophenyl-phenylether	248	7.956	7.956	(0.950)	35494	5.00000	5.0
51 Hexachlorobenzene	284	8.009	8.009	(0.956)	3652	0.50000	0.51
112 Atrazine	200	8.150	8.150	(0.973)	29111	5.00000	5.1
14 Pentachlorophenol	266	8.215	8.215	(0.981)	50811	15.0000	13(a)
* 83 Phenanthrene-d10	188	8.374	8.374	(1.000)	1103330	40.0000	
52 Phenanthrene	178	8.397	8.397	(1.003)	155204	5.00000	5.2
53 Anthracene	178	8.444	8.444	(1.008)	157959	5.00000	5.2
54 Carbazole	167	8.620	8.620	(1.029)	120994	5.00000	4.9(a)
55 Di-n-butylphthalate	149	9.008	9.008	(1.076)	140432	5.00000	4.6(a)
56 Fluoranthene	202	9.555	9.555	(1.141)	137173	5.00000	4.8(a)
58 Benzidine	184	9.707	9.707	(1.159)	35294	10.0000	8.6(a)
57 Pyrene	202	9.766	9.766	(0.891)	134209	5.00000	5.3
\$ 78 Terphenyl-d14	244	9.954	9.954	(0.908)	86808	5.00000	5.0
59 Butylbenzylphthalate	149	10.454	10.454	(0.954)	56690	5.00000	5.4
60 3,3'-Dichlorobenzidine	252	10.953	10.953	(0.999)	77569	10.0000	10
61 Benzo(a)anthracene	228	10.953	10.953	(0.999)	12638	0.50000	0.60
* 81 Chrysene-d12	240	10.959	10.959	(1.000)	702830	40.0000	
62 Chrysene	228	10.988	10.988	(1.003)	96230	5.00000	5.2
63 bis(2-Ethylhexyl)phthalate	149	11.065	11.065	(1.010)	75965	5.00000	5.4
64 Di-n-octylphthalate	149	11.793	11.793	(0.936)	118058	5.00000	5.1
65 Benzo(b)fluoranthene	252	12.146	12.146	(0.964)	8506	0.50000	0.46(aH)
66 Benzo(k)fluoranthene	252	12.175	12.175	(0.966)	9732	0.50000	0.49(aH)
67 Benzo(a)pyrene	252	12.528	12.528	(0.994)	7681	0.50000	0.47(a)
* 84 Perylene-d12	264	12.604	12.604	(1.000)	629050	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.902	13.902	(1.103)	5993	0.50000	0.39(aH)
69 Dibenz(a,h)anthracene	278	13.950	13.950	(1.107)	5766	0.50000	0.38(a)
70 Benzo(g,h,i)perylene	276	14.220	14.220	(1.128)	80215	5.00000	4.9(a)

QC Flag Legend

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

Operator: BNAMS 4



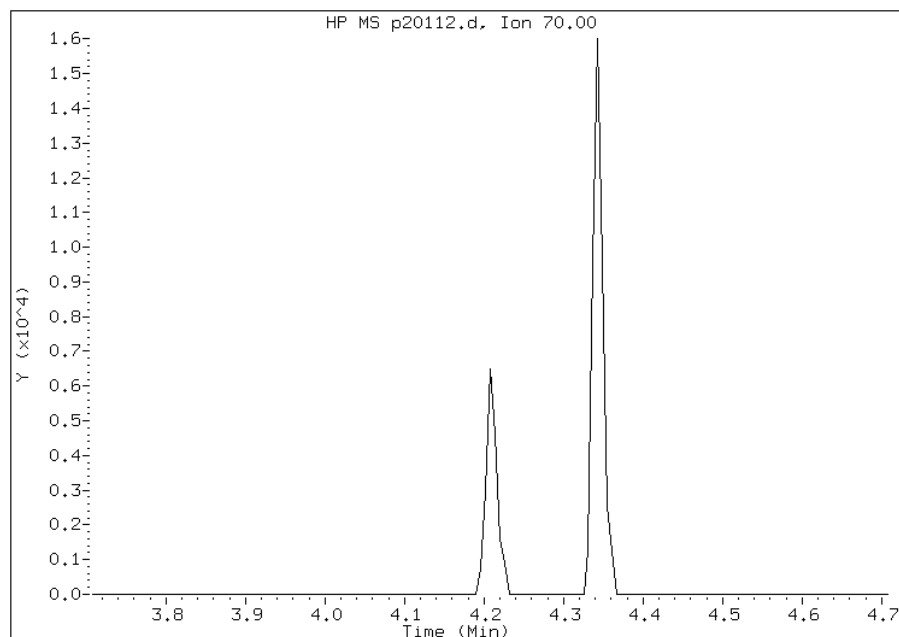
Manual Integration Report

Data File: p20112.d
Inj. Date and Time: 10-OCT-2011 13:46
Instrument ID: BNAMS10.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 10/19/2011

Processing Integration Results

Not Detected

Expected RT: 4.21



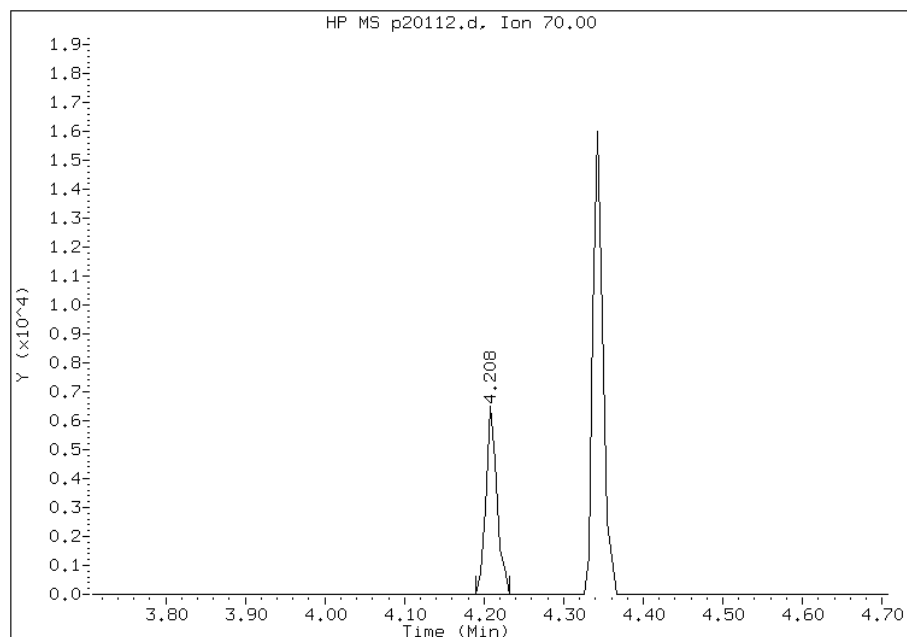
Manual Integration Results

RT: 4.21

Response: 6115

Amount: 1

Conc: 1



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20113.d
 Report Date: 19-Oct-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20113.d
 Lab Smp Id: IC-1143619
 Inj Date : 10-OCT-2011 14:12
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:18 croccom Quant Type: ISTD
 Cal Date : 10-OCT-2011 12:55 Cal File: p20110.d
 Als bottle: 6 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * 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	1.023	1.023	(0.276)	806768	80.0000	87	
19 N-Nitrosodimethylamine	74	1.229	1.229	(0.331)	879651	80.0000	79	
71 Pyridine	79	1.246	1.246	(0.336)	1500619	80.0000	77	
\$ 16 2-Fluorophenol (SUR)	112	2.351	2.351	(0.634)	1077837	80.0000	74	
110 Benzaldehyde	77	3.209	3.209	(0.865)	234149	80.0000	43	
\$ 17 Phenol-d5 (SUR)	99	3.368	3.368	(0.908)	1197157	80.0000	70	
1 Phenol	94	3.385	3.385	(0.913)	1157502	80.0000	67(H)	
73 Aniline	93	3.344	3.344	(0.902)	1440601	80.0000	73	
20 bis(2-Chloroethyl)ether	93	3.444	3.444	(0.929)	1107726	80.0000	74	
2 2-Chlorophenol	128	3.479	3.479	(0.938)	1028263	80.0000	74	
113 n-decane	43	3.579	3.579	(0.965)	1060368	80.0000	83	
21 1,3-Dichlorobenzene	146	3.644	3.644	(0.983)	1511700	80.0000	81	
* 79 1,4-Dichlorobenzene-d4	152	3.708	3.708	(1.000)	479545	40.0000		
22 1,4-Dichlorobenzene	146	3.732	3.732	(1.006)	1520755	80.0000	80	
74 Benzyl Alcohol	108	3.908	3.908	(1.054)	610735	80.0000	77	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20113.d
Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.902	3.902	(1.052)	1431383	80.0000	81
3 2-Methylphenol	108	4.073	4.073	(1.098)	868153	80.0000	72
24 bis (2-chloroisopropyl) ether	45	4.067	4.067	(1.097)	893150	80.0000	79
104 Acetophenone	105	4.202	4.202	(1.133)	1413244	80.0000	74
4 4-Methylphenol	108	4.255	4.255	(1.147)	939246	80.0000	72
121 3 & 4 Methylphenol	108	4.255	4.255	(1.147)	939246	80.0000	72
25 N-Nitroso-di-n-propylamine	70	4.225	4.225	(1.139)	746235	80.0000	74
26 Hexachloroethane	117	4.278	4.278	(1.154)	577758	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.355	4.355	(0.850)	1205009	80.0000	80
107 N,N-Dimethylaniline	120	4.390	4.390	(1.184)	1550848	80.0000	78
27 Nitrobenzene	77	4.384	4.384	(0.856)	1673300	80.0000	80
28 Isophorone	82	4.654	4.654	(0.908)	1633407	80.0000	76
5 2-Nitrophenol	139	4.731	4.731	(0.923)	529368	80.0000	78
6 2,4-Dimethylphenol	122	4.831	4.831	(0.943)	772540	80.0000	75
29 bis(2-Chloroethoxy)methane	93	4.919	4.919	(0.960)	1023239	80.0000	81
7 2,4-Dichlorophenol	162	5.007	5.007	(0.977)	762623	80.0000	77
30 1,2,4-Trichlorobenzene	180	5.077	5.077	(0.991)	1029546	80.0000	84
* 80 Naphthalene-d8	136	5.124	5.124	(1.000)	1316815	40.0000	
31 Naphthalene	128	5.148	5.148	(1.005)	2698098	80.0000	81
32 4-Chloroaniline	127	5.236	5.236	(1.022)	876798	80.0000	76(H)
33 Hexachlorobutadiene	225	5.306	5.306	(1.036)	683564	80.0000	84
111 Caprolactam	113	5.641	5.641	(1.101)	193238	80.0000	85
8 4-Chloro-3-methylphenol	107	5.794	5.794	(1.131)	666637	80.0000	76
34 2-Methylnaphthalene	142	5.882	5.882	(1.148)	1699676	80.0000	80
120 1-Methylnaphthalene	142	5.976	5.976	(1.166)	1721979	80.0000	79
35 Hexachlorocyclopentadiene	237	6.059	6.059	(0.875)	574904	80.0000	82
9 2,4,6-Trichlorophenol	196	6.194	6.194	(0.895)	488895	80.0000	77
10 2,4,5-Trichlorophenol	196	6.235	6.235	(0.901)	495697	80.0000	78
\$ 77 2-Fluorobiphenyl (SUR)	172	6.276	6.276	(0.907)	1794448	80.0000	79
102 Diphenyl	154	6.370	6.370	(0.920)	1988793	80.0000	79
36 2-Chloronaphthalene	162	6.370	6.370	(0.920)	1585764	80.0000	81
103 Diphenyl Ether	170	6.482	6.482	(0.936)	1113885	80.0000	80
37 2-Nitroaniline	65	6.499	6.499	(0.939)	543112	80.0000	79(M)
38 Dimethylphthalate	163	6.705	6.705	(0.969)	1404471	80.0000	79
114 Coumarin	146	6.693	6.693	(1.306)	451851	80.0000	80
40 2,6-Dinitrotoluene	165	6.752	6.752	(0.975)	322315	80.0000	79
39 Acenaphthylene	152	6.781	6.781	(0.980)	2027951	80.0000	76
41 3-Nitroaniline	138	6.910	6.910	(0.998)	335209	80.0000	82
* 82 Acenaphthene-d10	164	6.922	6.922	(1.000)	645453	40.0000	
42 Acenaphthene	154	6.957	6.957	(1.005)	1309662	80.0000	80
11 2,4-Dinitrophenol	184	7.022	7.022	(1.014)	183591	80.0000	84
12 4-Nitrophenol	65	7.128	7.128	(1.030)	271352	80.0000	80
44 2,4-Dinitrotoluene	165	7.157	7.157	(1.034)	403793	80.0000	80
43 Dibenzofuran	168	7.134	7.134	(1.031)	1871291	80.0000	78
45 Diethylphthalate	149	7.410	7.410	(1.070)	1307691	80.0000	80
46 4-Chlorophenyl-phenylether	204	7.486	7.486	(1.081)	773334	80.0000	80
47 Fluorene	166	7.469	7.469	(1.079)	1492592	80.0000	80

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20113.d
 Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.516	7.516	(1.086)	278659	80.0000	78
13 4,6-Dinitro-2-methylphenol	198	7.551	7.551	(0.901)	237994	80.0000	82
49 N-Nitrosodiphenylamine	169	7.610	7.610	(0.908)	990552	80.0000	82
75 1,2-Diphenylhydrazine	77	7.645	7.645	(0.912)	1776675	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.710	7.710	(1.114)	210994	80.0000	78
50 4-Bromophenyl-phenylether	248	7.962	7.962	(0.950)	419562	80.0000	81
51 Hexachlorobenzene	284	8.015	8.015	(0.957)	418914	80.0000	80
112 Atrazine	200	8.162	8.162	(0.974)	323859	80.0000	78
14 Pentachlorophenol	266	8.215	8.215	(0.980)	232155	80.0000	83
* 83 Phenanthrene-d10	188	8.379	8.379	(1.000)	805488	40.0000	
52 Phenanthrene	178	8.403	8.403	(1.003)	1716597	80.0000	79
53 Anthracene	178	8.450	8.450	(1.008)	1752295	80.0000	79
54 Carbazole	167	8.626	8.626	(1.029)	1440229	80.0000	80
55 Di-n-butylphthalate	149	9.014	9.014	(1.076)	1814311	80.0000	82
56 Fluoranthene	202	9.555	9.555	(1.140)	1614865	80.0000	78
58 Benzidine	184	9.713	9.713	(1.159)	143224	80.0000	48
57 Pyrene	202	9.772	9.772	(0.891)	1555674	80.0000	76
\$ 78 Terphenyl-d14	244	9.954	9.954	(0.908)	1093439	80.0000	78
59 Butylbenzylphthalate	149	10.459	10.459	(0.954)	656318	80.0000	76
60 3,3'-Dichlorobenzidine	252	10.953	10.953	(0.999)	469024	80.0000	78
61 Benzo(a)anthracene	228	10.959	10.959	(0.999)	1303040	80.0000	76
* 81 Chrysene-d12	240	10.965	10.965	(1.000)	571458	40.0000	
62 Chrysene	228	10.994	10.994	(1.003)	1207356	80.0000	80
63 bis(2-Ethylhexyl)phthalate	149	11.065	11.065	(1.009)	863157	80.0000	75
64 Di-n-octylphthalate	149	11.799	11.799	(0.936)	1423183	80.0000	82
65 Benzo(b)fluoranthene	252	12.157	12.157	(0.965)	1123060	80.0000	80(H)
66 Benzo(k)fluoranthene	252	12.187	12.187	(0.967)	1231391	80.0000	83
67 Benzo(a)pyrene	252	12.539	12.539	(0.995)	989294	80.0000	81
* 84 Perylene-d12	264	12.604	12.604	(1.000)	472717	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.920	13.920	(1.104)	992856	80.0000	87
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.107)	977833	80.0000	87
70 Benzo(g,h,i)perylene	276	14.237	14.237	(1.130)	1002528	80.0000	82

QC Flag Legend

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

Data File: p20113.d

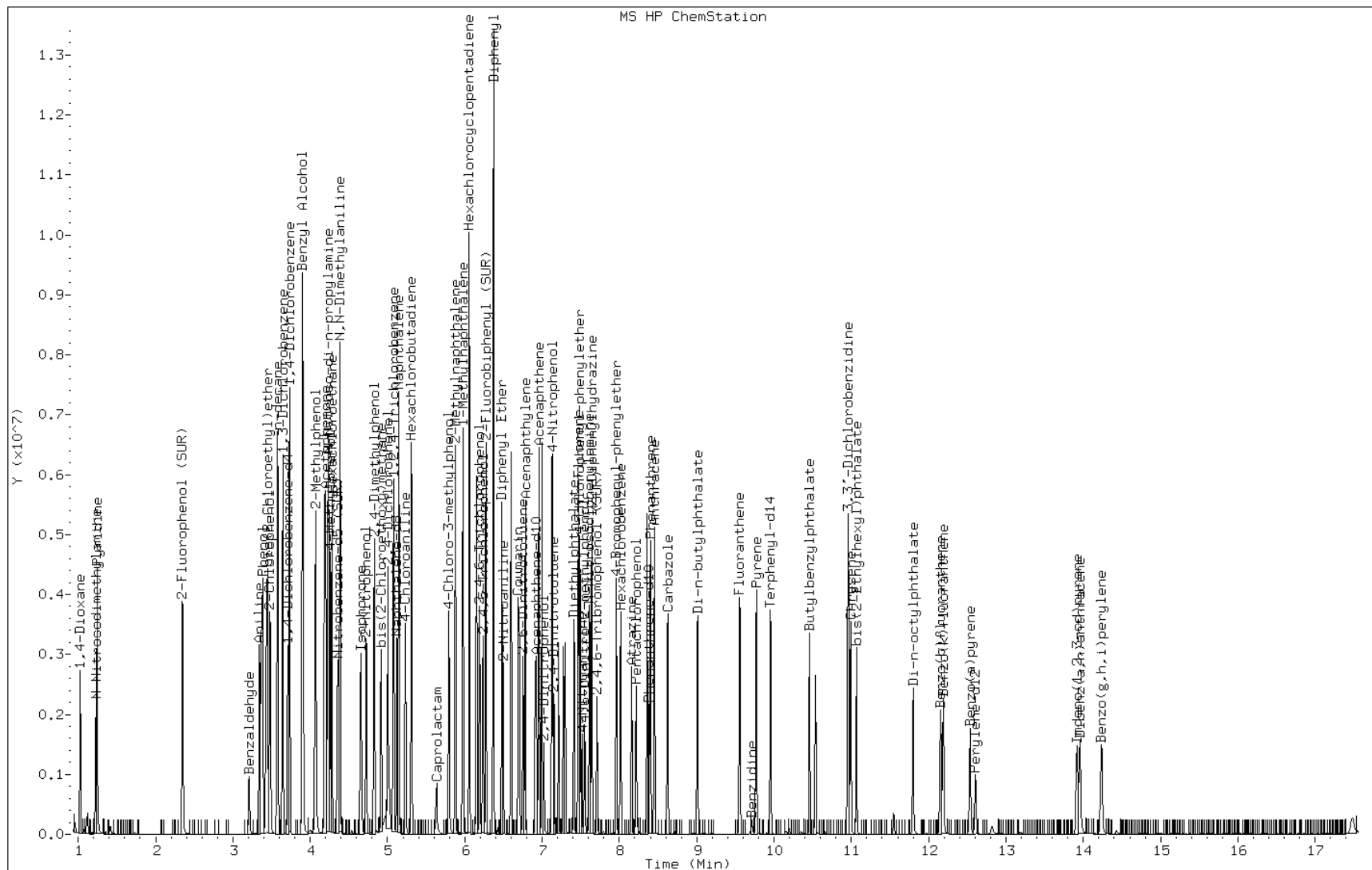
Date: 10-OCT-2011 14:12

Client ID:

Instrument: BNAMS10.i

Sample Info: IC-1143619

Operator: BNAMS 4

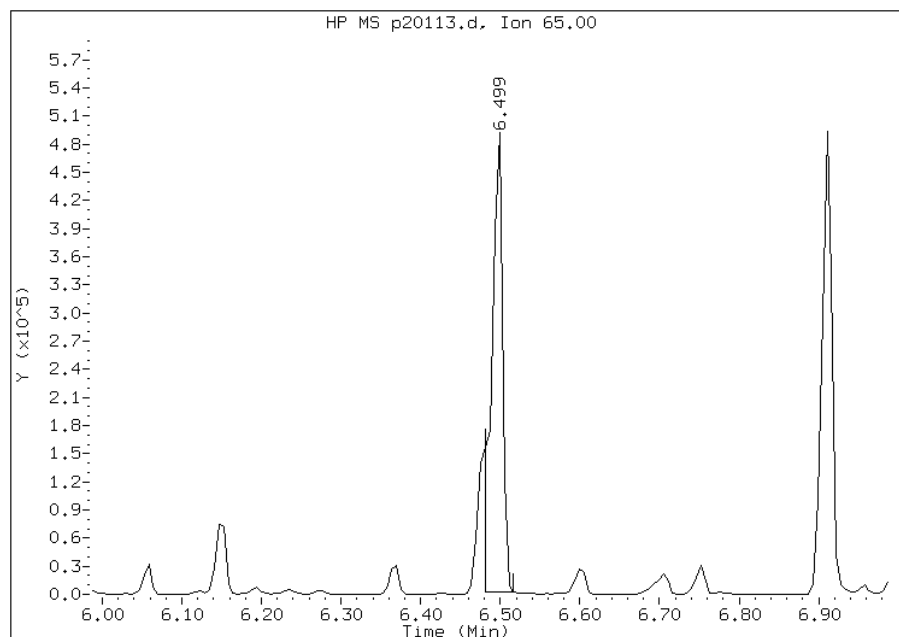


Manual Integration Report

Data File: p20113.d
Inj. Date and Time: 10-OCT-2011 14:12
Instrument ID: BNAMS10.i
Client ID:
Compound: 37 2-Nitroaniline
CAS #: 88-74-4
Report Date: 10/19/2011

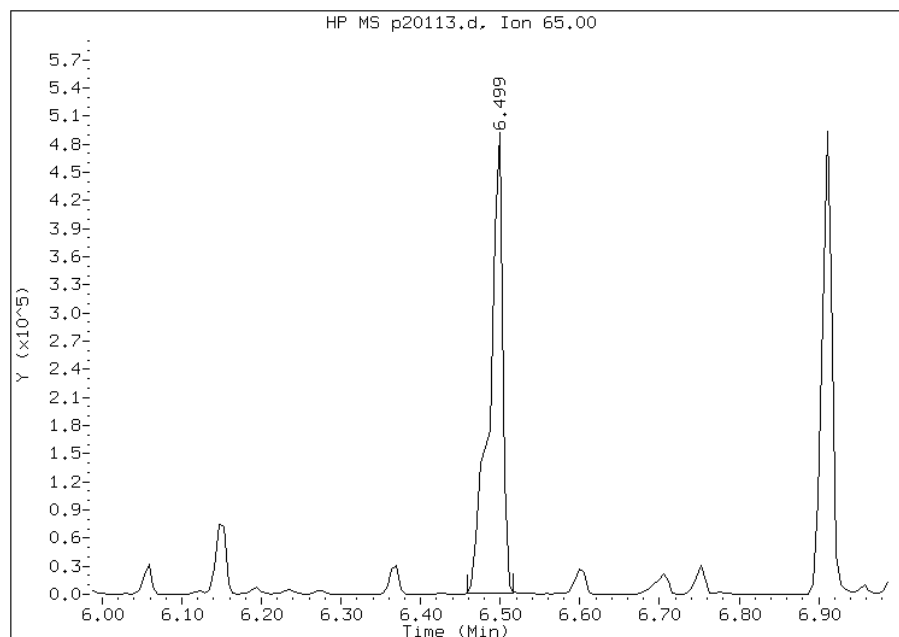
Processing Integration Results

RT: 6.50
Response: 467980
Amount: 70
Conc: 70



Manual Integration Results

RT: 6.50
Response: 543112
Amount: 79
Conc: 79



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20114.d
Report Date: 19-Oct-2011 10:18

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

```
Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20114.d
Lab Smp Id: IC-1143617
Inj Date  : 10-OCT-2011 14:38
Operator   : BNAMS 4                      Inst ID: BNAMS10.i
Smp Info  : IC-1143617
Misc Info :
Comment   :
Method     : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/8270Cdel_08.m
Meth Date  : 19-Oct-2011 10:18 croccom    Quant Type: ISTD
Cal Date   : 10-OCT-2011 12:55           Cal File: p20110.d
Als bottle: 7                           Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE                      Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1
```

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

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
1	1
2	2
3	3
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95	95
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100	100

						AMOUNTS	
QUANT SIG						CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.012	1.012	(0.273)	212307	20.0000	23
19 N-Nitrosodimethylamine	74	1.205	1.205	(0.325)	242222	20.0000	22
71 Pyridine	79	1.223	1.223	(0.330)	431959	20.0000	22
\$ 16 2-Fluorophenol (SUR)	112	2.345	2.345	(0.632)	331721	20.0000	22
110 Benzaldehyde	77	3.209	3.209	(0.865)	126124	20.0000	23
\$ 17 Phenol-d5 (SUR)	99	3.356	3.356	(0.905)	370060	20.0000	21
1 Phenol	94	3.368	3.368	(0.908)	363293	20.0000	21(H)
73 Aniline	93	3.338	3.338	(0.900)	425762	20.0000	21
20 bis(2-Chloroethyl)ether	93	3.432	3.432	(0.926)	282668	20.0000	19
2 2-Chlorophenol	128	3.473	3.473	(0.937)	295131	20.0000	21
113 n-decane	43	3.579	3.579	(0.965)	250384	20.0000	19
21 1,3-Dichlorobenzene	146	3.644	3.644	(0.983)	370733	20.0000	20
* 79 1,4-Dichlorobenzene-d4	152	3.708	3.708	(1.000)	486625	40.0000	
22 1,4-Dichlorobenzene	146	3.726	3.726	(1.005)	376280	20.0000	20
74 Benzyl Alcohol	108	3.896	3.896	(1.051)	160189	20.0000	20

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20114.d
Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.902	3.902	(1.052)	345520	20.0000	19
3 2-Methylphenol	108	4.061	4.061	(1.095)	246462	20.0000	20
24 bis (2-chloroisopropyl) ether	45	4.061	4.061	(1.095)	228874	20.0000	20
104 Acetophenone	105	4.190	4.190	(1.130)	395522	20.0000	20
4 4-Methylphenol	108	4.237	4.237	(1.143)	268244	20.0000	20
121 3 & 4 Methylphenol	108	4.237	4.237	(1.143)	268244	20.0000	20
25 N-Nitroso-di-n-propylamine	70	4.208	4.208	(1.135)	209925	20.0000	20
26 Hexachloroethane	117	4.278	4.278	(1.154)	145748	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.343	4.343	(0.848)	339596	20.0000	21
107 N,N-Dimethylaniline	120	4.378	4.378	(1.181)	413743	20.0000	20
27 Nitrobenzene	77	4.366	4.366	(0.852)	448687	20.0000	20
28 Isophorone	82	4.643	4.643	(0.906)	472129	20.0000	20
5 2-Nitrophenol	139	4.725	4.725	(0.922)	142991	20.0000	19
6 2,4-Dimethylphenol	122	4.825	4.825	(0.942)	228915	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.913	4.913	(0.959)	265752	20.0000	19
7 2,4-Dichlorophenol	162	5.001	5.001	(0.976)	220499	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.072	5.072	(0.990)	266056	20.0000	20
* 80 Naphthalene-d8	136	5.124	5.124	(1.000)	1432468	40.0000	
31 Naphthalene	128	5.142	5.142	(1.003)	729669	20.0000	20
32 4-Chloroaniline	127	5.230	5.230	(1.021)	250901	20.0000	20(H)
33 Hexachlorobutadiene	225	5.307	5.307	(1.036)	169033	20.0000	19
111 Caprolactam	113	5.583	5.583	(1.089)	49278	20.0000	20(H)
8 4-Chloro-3-methylphenol	107	5.782	5.782	(1.128)	191164	20.0000	20
34 2-Methylnaphthalene	142	5.876	5.876	(1.147)	450802	20.0000	20
120 1-Methylnaphthalene	142	5.976	5.976	(1.166)	476447	20.0000	20
35 Hexachlorocyclopentadiene	237	6.053	6.053	(0.874)	138445	20.0000	18
9 2,4,6-Trichlorophenol	196	6.188	6.188	(0.894)	134725	20.0000	19
10 2,4,5-Trichlorophenol	196	6.229	6.229	(0.900)	135191	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	6.270	6.270	(0.906)	504858	20.0000	20
102 Diphenyl	154	6.364	6.364	(0.919)	540001	20.0000	20
36 2-Chloronaphthalene	162	6.364	6.364	(0.919)	410097	20.0000	19
103 Diphenyl Ether	170	6.476	6.476	(0.935)	292253	20.0000	19
37 2-Nitroaniline	65	6.488	6.488	(0.937)	155234	20.0000	21
38 Dimethylphthalate	163	6.699	6.699	(0.968)	384299	20.0000	20
114 Coumarin	146	6.681	6.681	(1.304)	125784	20.0000	20
40 2,6-Dinitrotoluene	165	6.746	6.746	(0.975)	89284	20.0000	20
39 Acenaphthylene	152	6.775	6.775	(0.979)	588562	20.0000	20
41 3-Nitroaniline	138	6.905	6.905	(0.997)	90783	20.0000	20
* 82 Acenaphthene-d10	164	6.922	6.922	(1.000)	701332	40.0000	
42 Acenaphthene	154	6.952	6.952	(1.004)	355102	20.0000	20
11 2,4-Dinitrophenol	184	7.016	7.016	(1.014)	73801	30.0000	31
12 4-Nitrophenol	65	7.122	7.122	(1.029)	124208	30.0000	34
44 2,4-Dinitrotoluene	165	7.146	7.146	(1.032)	111335	20.0000	20(H)
43 Dibenzofuran	168	7.128	7.128	(1.030)	519133	20.0000	20
45 Diethylphthalate	149	7.404	7.404	(1.070)	359454	20.0000	20
46 4-Chlorophenyl-phenylether	204	7.486	7.486	(1.081)	203654	20.0000	19
47 Fluorene	166	7.463	7.463	(1.078)	403950	20.0000	20

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20114.d
 Report Date: 19-Oct-2011 10:18

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.504	7.504	(1.084)	81857	20.0000	21
13 4,6-Dinitro-2-methylphenol	198	7.545	7.545	(0.901)	102560	30.0000	30
49 N-Nitrosodiphenylamine	169	7.604	7.604	(0.908)	256987	20.0000	18
75 1,2-Diphenylhydrazine	77	7.639	7.639	(0.912)	510427	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.704	7.704	(1.113)	60966	20.0000	21
50 4-Bromophenyl-phenylether	248	7.956	7.956	(0.950)	110255	20.0000	18
51 Hexachlorobenzene	284	8.009	8.009	(0.956)	115282	20.0000	19
112 Atrazine	200	8.156	8.156	(0.974)	103798	20.0000	21
14 Pentachlorophenol	266	8.215	8.215	(0.981)	97966	30.0000	29
* 83 Phenanthrene-d10	188	8.374	8.374	(1.000)	959508	40.0000	
52 Phenanthrene	178	8.397	8.397	(1.003)	511965	20.0000	20
53 Anthracene	178	8.444	8.444	(1.008)	523145	20.0000	20
54 Carbazole	167	8.620	8.620	(1.029)	437605	20.0000	20
55 Di-n-butylphthalate	149	9.008	9.008	(1.076)	537732	20.0000	20
56 Fluoranthene	202	9.555	9.555	(1.141)	512559	20.0000	21
58 Benzidine	184	9.707	9.707	(1.159)	196545	30.0000	55
57 Pyrene	202	9.766	9.766	(0.891)	521965	20.0000	20
\$ 78 Terphenyl-d14	244	9.954	9.954	(0.908)	361256	20.0000	21
59 Butylbenzylphthalate	149	10.459	10.459	(0.954)	214592	20.0000	20
60 3,3'-Dichlorobenzidine	252	10.953	10.953	(0.999)	218149	30.0000	29
61 Benzo(a)anthracene	228	10.953	10.953	(0.999)	401122	20.0000	19
* 81 Chrysene-d12	240	10.965	10.965	(1.000)	708431	40.0000	
62 Chrysene	228	10.988	10.988	(1.002)	369535	20.0000	20
63 bis(2-Ethylhexyl)phthalate	149	11.065	11.065	(1.009)	291149	20.0000	20
64 Di-n-octylphthalate	149	11.793	11.793	(0.936)	430420	20.0000	20
65 Benzo(b)fluoranthene	252	12.152	12.152	(0.964)	349936	20.0000	20(H)
66 Benzo(k)fluoranthene	252	12.181	12.181	(0.966)	373216	20.0000	20
67 Benzo(a)pyrene	252	12.534	12.534	(0.994)	298052	20.0000	20
* 84 Perylene-d12	264	12.604	12.604	(1.000)	593097	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.908	13.908	(1.103)	275993	20.0000	19
69 Dibenz(a,h)anthracene	278	13.950	13.950	(1.107)	274419	20.0000	19
70 Benzo(g,h,i)perylene	276	14.226	14.226	(1.129)	289573	20.0000	19

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: p20114.d

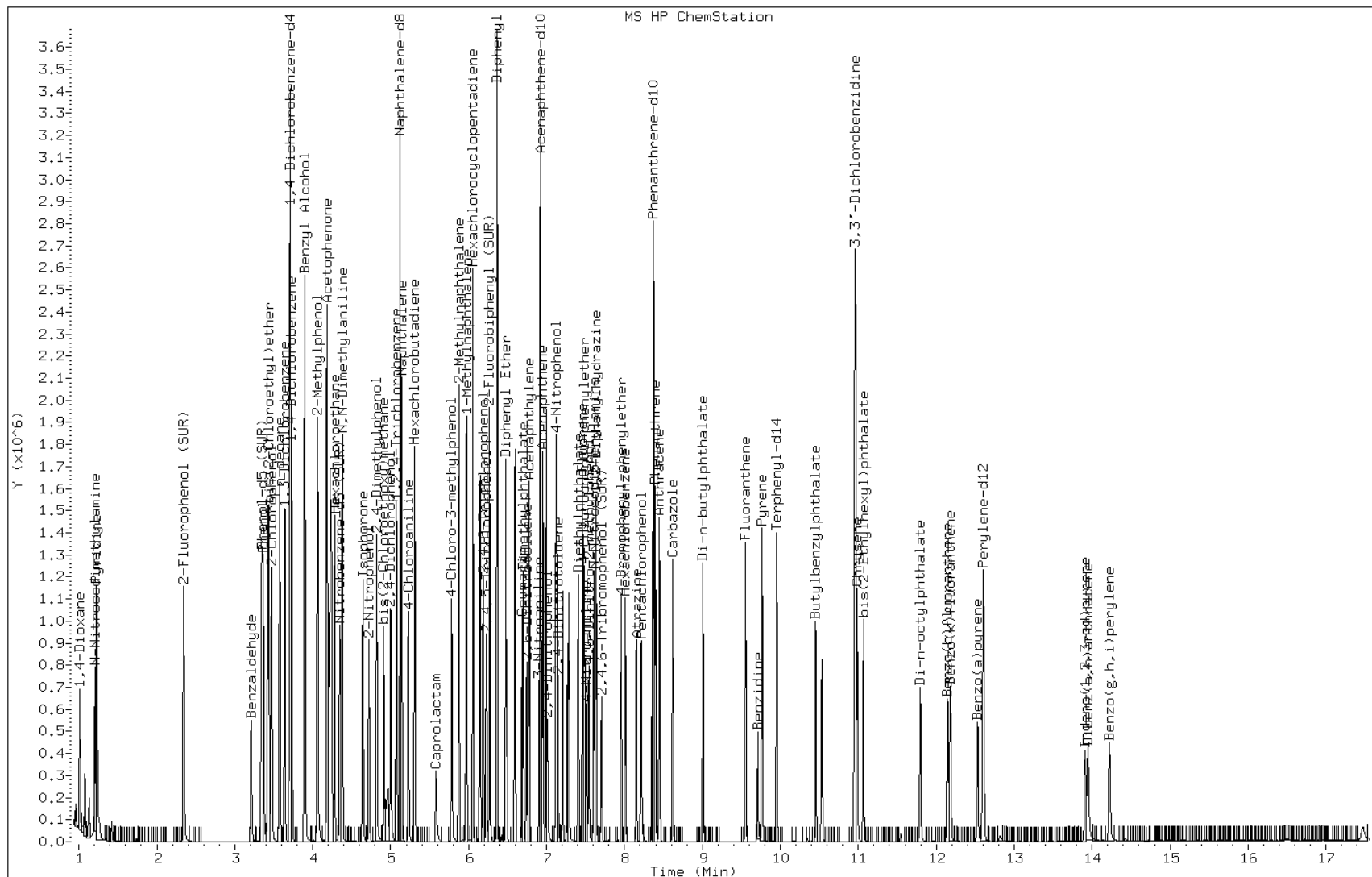
Date: 10-OCT-2011 14:38

Client ID:

Instrument: BNAMS10.i

Sample Info: IC-1143617

Operator: BNAMS 4



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

Lab Name: TestAmerica Edison Job No.: 460-32128-1 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.: 460-32128-1 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	0.3626	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.: 460-32128-1 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.: 460-32128-1 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.: 460-32128-1 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.: 460-32128-1 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

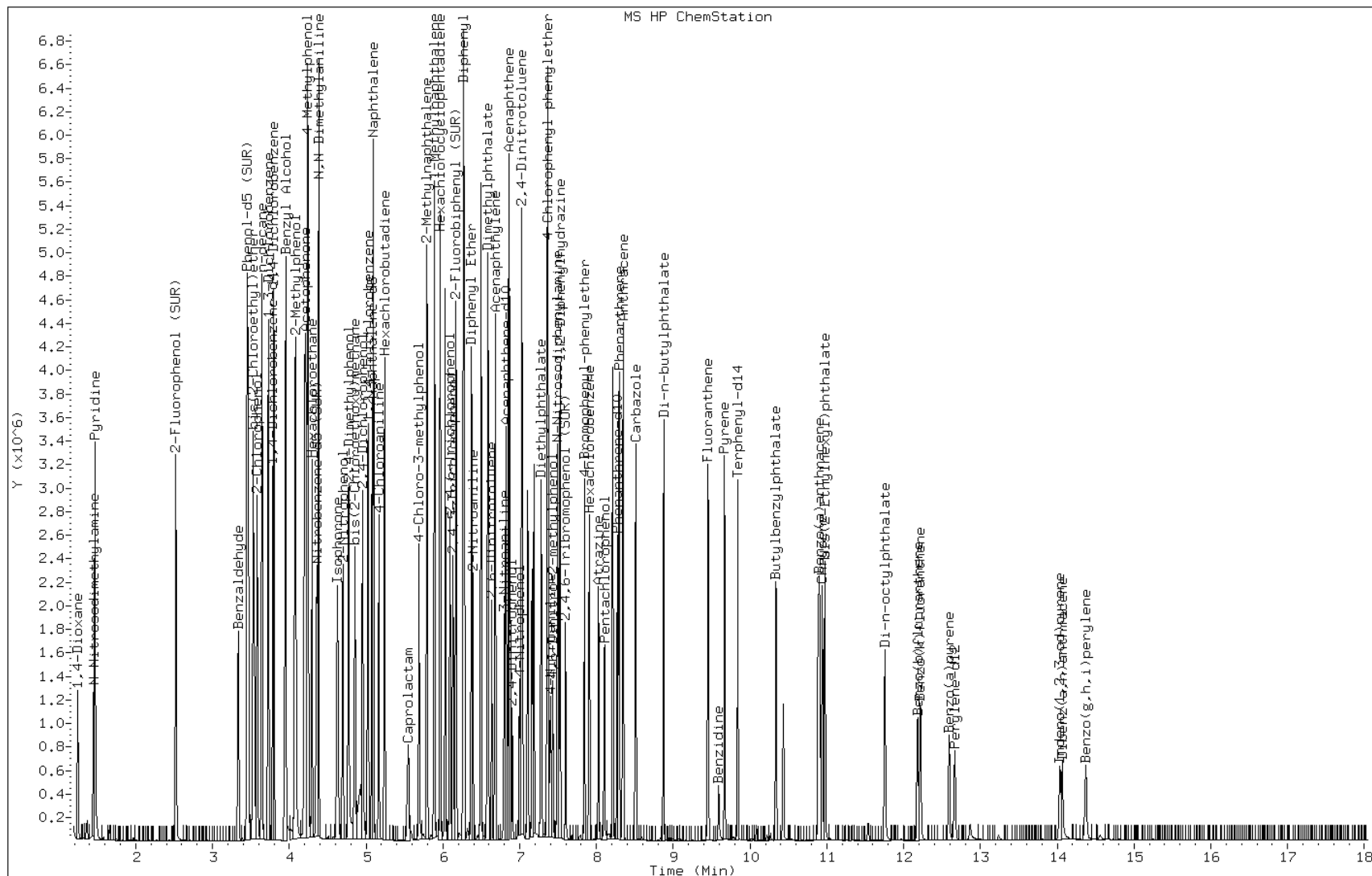
Date: 26-SEP-2011 10:59

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	ON -COL
							(ug/ml)	(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

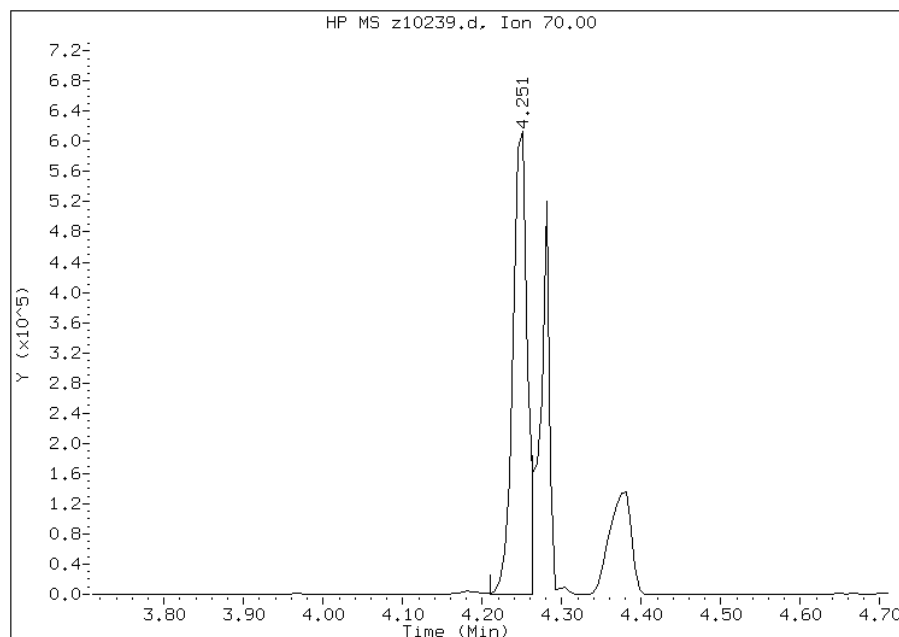
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

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

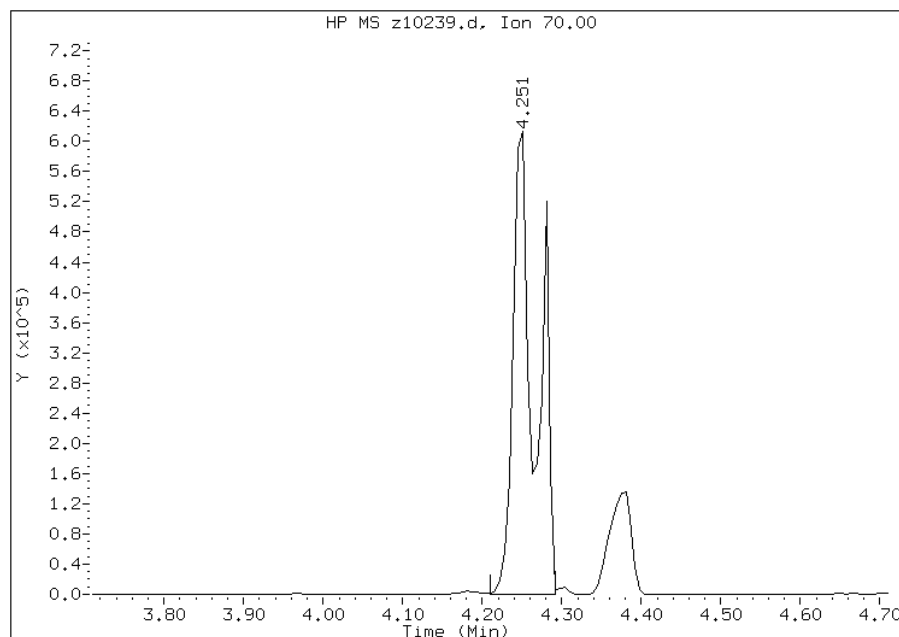
Processing Integration Results

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	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(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)

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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

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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
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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

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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

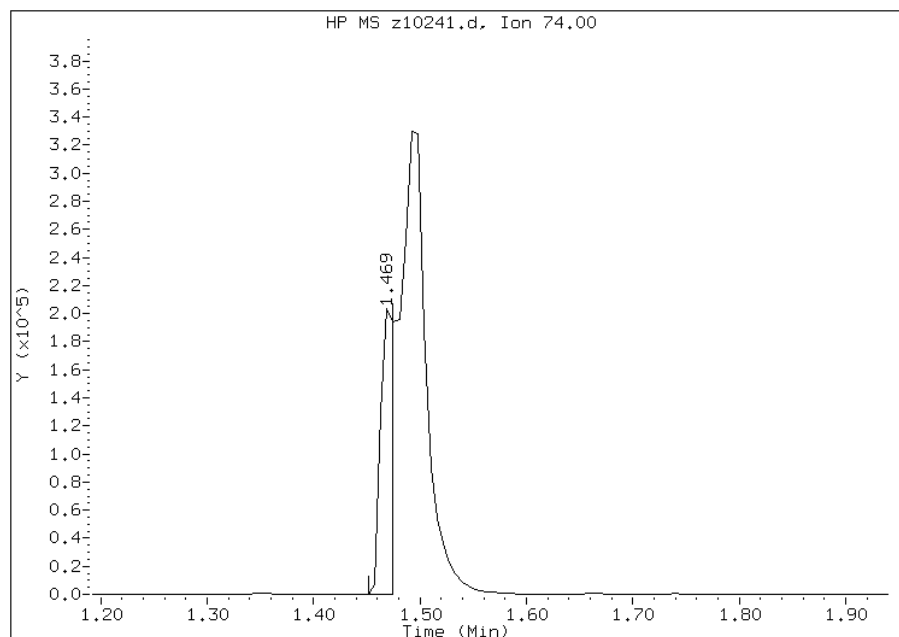
M - Compound response manually integrated.
 H - Operator selected an alternate compound hit.

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

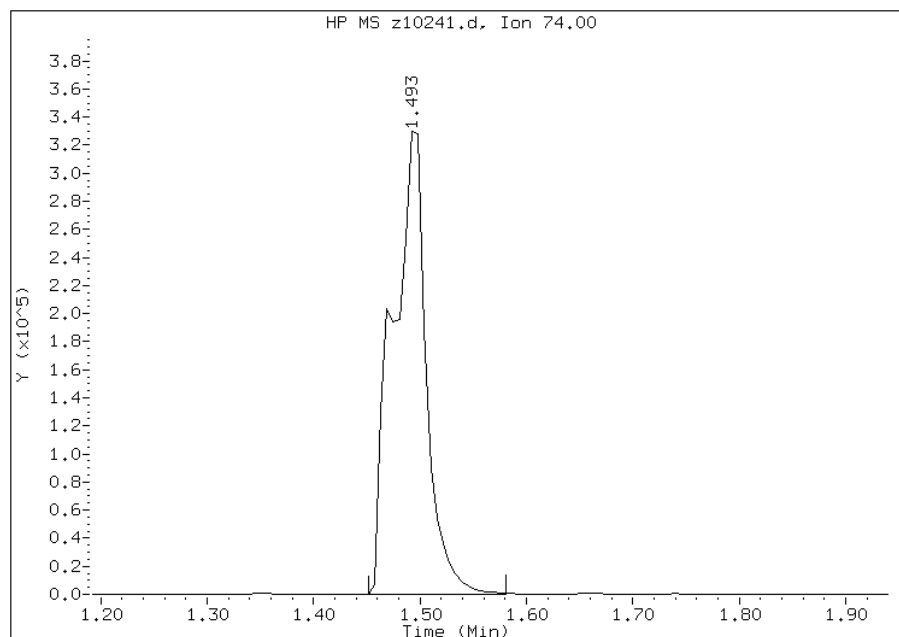
Processing Integration Results

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



Manual Integration Results

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



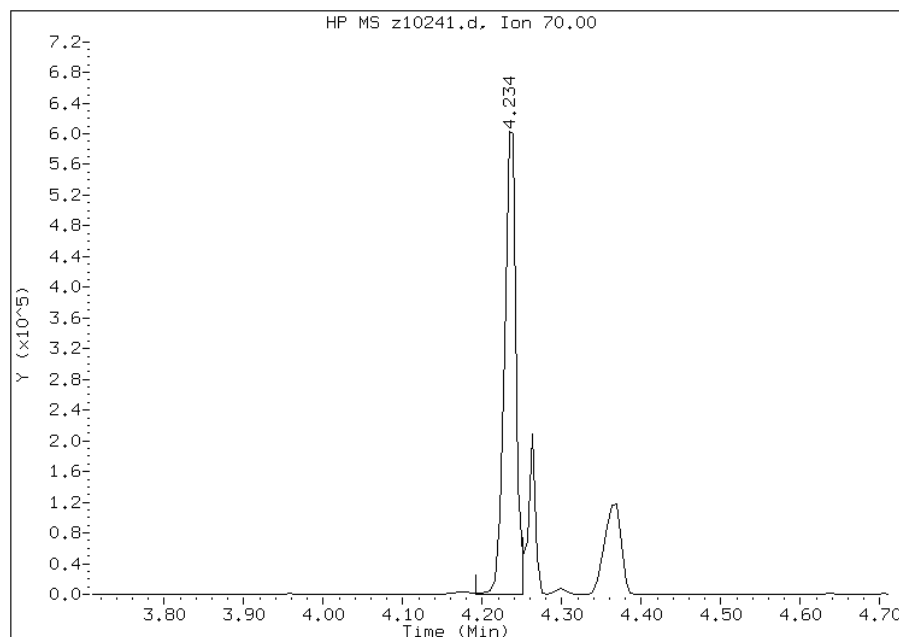
Manually Integrated By: rusin
Manual Integration Reason:

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

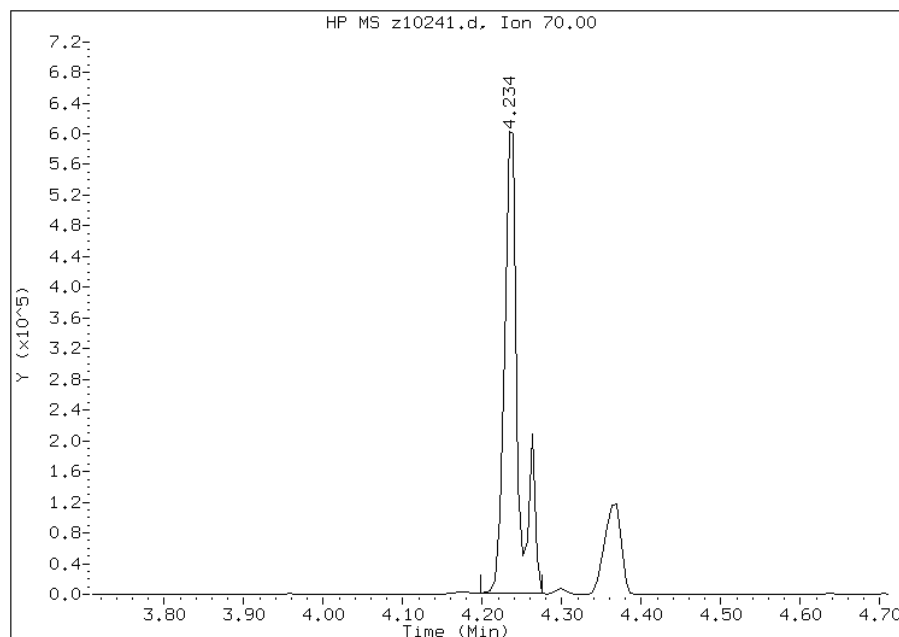
Processing Integration Results

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

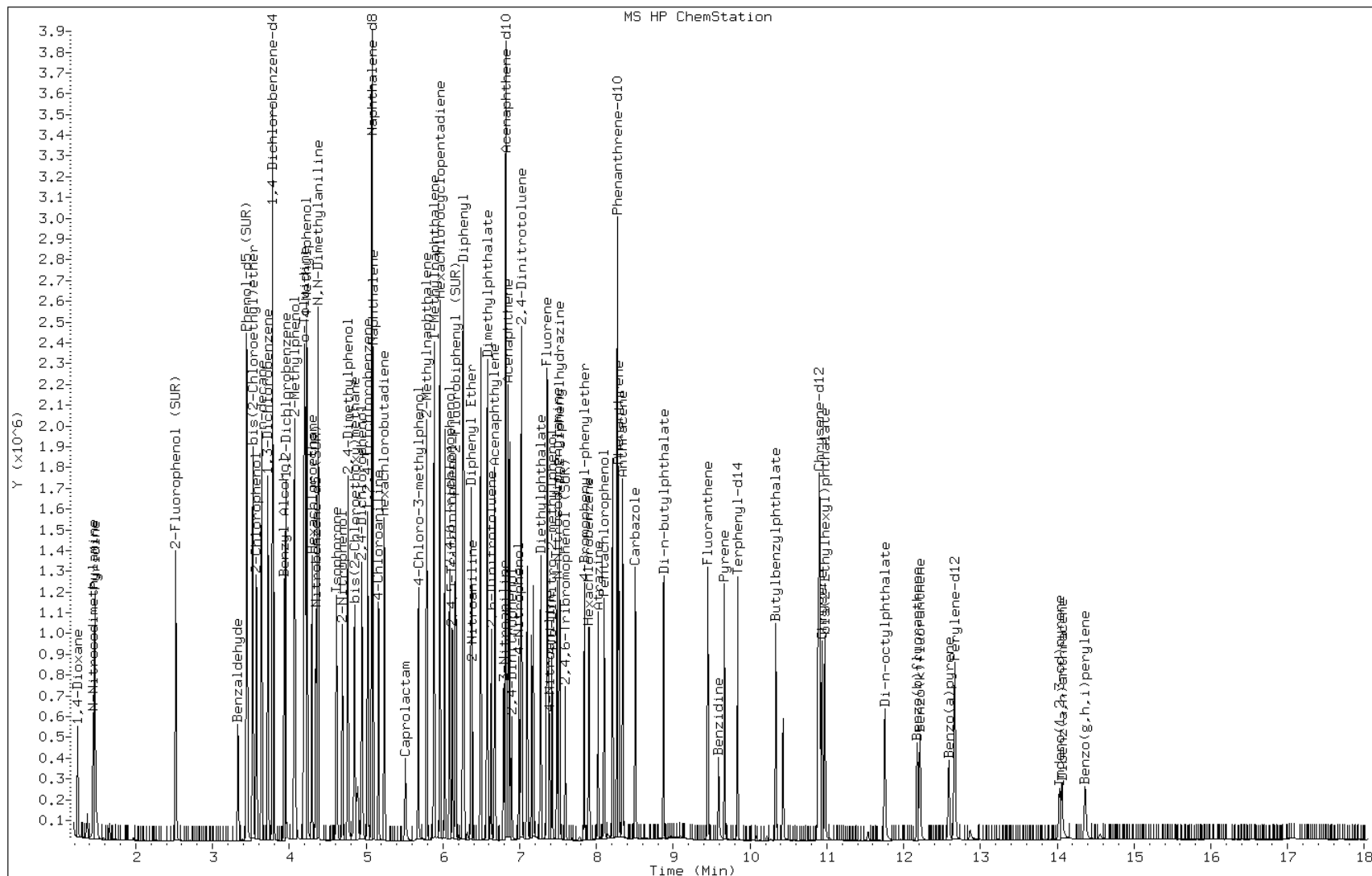
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

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.

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89864/2 Calibration Date: 10/16/2011 14:14

Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38

Lab File ID: p20305.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7703	0.9289	0.0500	60300	50000	20.6	25.0
N-Nitrosodimethylamine	Ave	0.9260	0.9928	0.0500	53600	50000	7.2	25.0
Pyridine	Ave	1.617	1.642	0.0500	50800	50000	1.5	25.0
Benzaldehyde	Ave	0.4562	0.2688	0.0500	29500	50000	-41.1*	25.0
Aniline	Ave	1.654	1.656	0.0500	50000	50000	0.1	25.0
Phenol	Ave	1.438	1.356	0.0500	47100	50000	-5.7	25.0
Bis(2-chloroethyl)ether	Ave	1.240	1.220	0.0500	49200	50000	-1.6	25.0
2-Chlorophenol	Ave	1.160	1.121	0.0500	48300	50000	-3.3	25.0
n-Decane	Ave	1.069	1.018	0.0500	47600	50000	-4.8	25.0
1,3-Dichlorobenzene	Ave	1.563	1.631	0.0500	52200	50000	4.4	25.0
1,4-Dichlorobenzene	Ave	1.578	1.663	0.0500	52700	50000	5.4	25.0
1,2-Dichlorobenzene	Ave	1.481	1.549	0.0500	52300	50000	4.6	25.0
Benzyl alcohol	Ave	0.6614	0.6573	0.0500	49700	50000	-0.6	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.9390	0.9380	0.0500	49900	50000	-0.1	25.0
2-Methylphenol	Ave	0.999	0.9708	0.0500	48600	50000	-2.9	25.0
Acetophenone	Ave	1.601	1.587	0.0500	49600	50000	-0.9	25.0
N-Nitrosodi-n-propylamine	Ave	0.8402	0.8585	0.0500	51100	50000	2.2	25.0
3 & 4 Methylphenol	Ave	1.090	0.9588	0.0500	44000	50000	-12.1	25.0
4-Methylphenol	Ave	1.090	0.9588	0.0500	44000	50000	-12.1	25.0
Hexachloroethane	Ave	0.6061	0.6252	0.0500	51600	50000	3.2	25.0
Nitrobenzene	Ave	0.6379	0.6530	0.0500	51200	50000	2.4	25.0
n,n'-Dimethylaniline	Ave	1.665	1.801	0.0500	54100	50000	8.2	25.0
Isophorone	Ave	0.6502	0.6722	0.0500	51700	50000	3.4	25.0
2-Nitrophenol	Ave	0.2051	0.2070	0.0500	50500	50000	0.9	25.0
2,4-Dimethylphenol	Ave	0.3132	0.3053	0.0500	48700	50000	-2.5	25.0
Bis(2-chloroethoxy)methane	Ave	0.3830	0.3975	0.0500	51900	50000	3.8	25.0
2,4-Dichlorophenol	Ave	0.3010	0.2983	0.0500	49600	50000	-0.9	25.0
1,2,4-Trichlorobenzene	Ave	0.3718	0.3951	0.0500	53100	50000	6.3	25.0
Naphthalene	Ave	1.014	1.055	0.0500	52000	50000	4.1	25.0
4-Chloroaniline	Ave	0.3479	0.3507	0.0500	50400	50000	0.8	25.0
Hexachlorobutadiene	Ave	0.2476	0.2581	0.0500	52100	50000	4.2	25.0
Caprolactam	Ave	0.0689	0.0760	0.0500	55200	50000	10.4	25.0
4-Chloro-3-methylphenol	Ave	0.2678	0.2765	0.0500	51600	50000	3.3	25.0
2-Methylnaphthalene	Ave	0.6422	0.6873	0.0500	53500	50000	7.0	25.0
1-Methylnaphthalene	Ave	0.6582	0.6829	0.0500	51900	50000	3.7	25.0
Hexachlorocyclopentadiene	Ave	0.4345	0.4408	0.0500	50700	50000	1.5	25.0
2,4,6-Trichlorophenol	Ave	0.3949	0.3991	0.0500	50500	50000	1.0	25.0
2,4,5-Trichlorophenol	Ave	0.3927	0.3943	0.0500	50200	50000	0.4	25.0
1,1'-Biphenyl	Ave	1.567	1.580	0.0500	50400	50000	0.8	25.0
2-Chloronaphthalene	Ave	1.211	1.288	0.0500	53200	50000	6.4	25.0
Phenyl ether	Ave	0.8618	0.9017	0.0500	52300	50000	4.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89864/2 Calibration Date: 10/16/2011 14:14

Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38

Lab File ID: p20305.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.4253	0.3678	0.0500	43200	50000	-13.5	25.0
Coumarin	Ave	0.1725	0.1841	0.0500	53300	50000	6.7	25.0
Dimethyl phthalate	Ave	1.101	1.160	0.0500	52700	50000	5.4	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2800	0.0500	55700	50000	11.4	25.0
Acenaphthylene	Ave	1.642	1.706	0.0500	51900	50000	3.9	25.0
3-Nitroaniline	Ave	0.2547	0.2436	0.0500	47800	50000	-4.3	25.0
Acenaphthene	Ave	1.020	1.078	0.0500	52900	50000	5.8	25.0
2,4-Dinitrophenol	Ave	0.1362	0.1451	0.0500	53300	50000	6.5	25.0
Dibenzofuran	Ave	1.480	1.541	0.0500	52100	50000	4.2	25.0
4-Nitrophenol	Ave	0.2113	0.2236	0.0500	52900	50000	5.8	25.0
2,4-Dinitrotoluene	Ave	0.3112	0.3274	0.0500	52600	50000	5.2	25.0
Diethyl phthalate	Ave	1.006	1.070	0.0500	53200	50000	6.4	25.0
Fluorene	Ave	1.158	1.232	0.0500	53200	50000	6.4	25.0
4-Chlorophenyl phenyl ether	Ave	0.5966	0.6409	0.0500	53700	50000	7.4	25.0
4-Nitroaniline	Ave	0.2213	0.1927	0.0500	43600	50000	-12.9	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1433	0.1435	0.0500	50100	50000	0.1	25.0
N-Nitrosodiphenylamine	Ave	0.6009	0.5826	0.0500	48500	50000	-3.1	25.0
1,2-Diphenylhydrazine	Ave	1.074	1.126	0.0500	52400	50000	4.9	25.0
4-Bromophenyl phenyl ether	Ave	0.2565	0.2686	0.0500	52400	50000	4.7	25.0
Hexachlorobenzene	Ave	0.2583	0.2691	0.0500	52100	50000	4.2	25.0
Atrazine	Ave	0.2055	0.2257	0.0500	54900	50000	9.8	25.0
Pentachlorophenol	Ave	0.1389	0.1415	0.0500	50900	50000	1.9	25.0
Phenanthrene	Ave	1.077	1.124	0.0500	52200	50000	4.4	25.0
Anthracene	Ave	1.102	1.141	0.0500	51800	50000	3.5	25.0
Carbazole	Ave	0.8974	0.9251	0.0500	51500	50000	3.1	25.0
Di-n-butyl phthalate	Ave	1.098	1.120	0.0500	51000	50000	2.0	25.0
Fluoranthene	Ave	1.032	1.014	0.0500	49100	50000	-1.8	25.0
Benzidine	Ave	0.1482	0.0874	0.0500	29500	50000	-41.0*	25.0
Pyrene	Ave	1.438	1.606	0.0500	55800	50000	11.7	25.0
Butyl benzyl phthalate	Ave	0.6016	0.6558	0.0500	54500	50000	9.0	25.0
2,3,7,8-TCDD	Ave	0.1497	0.0869	0.0500	290	500	-42.0*	25.0
3,3'-Dichlorobenzidine	Ave	0.4200	0.3861	0.0500	46000	50000	-8.1	25.0
Benzo[a]anthracene	Ave	1.203	1.214	0.0500	50400	50000	0.9	25.0
Chrysene	Ave	1.060	1.090	0.0500	51400	50000	2.8	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.8032	0.8481	0.0500	52800	50000	5.6	25.0
Di-n-octyl phthalate	Ave	1.475	1.648	0.0500	55900	50000	11.7	25.0
Benzo[b]fluoranthene	Ave	1.189	1.326	0.0500	55800	50000	11.6	25.0
Benzo[k]fluoranthene	Ave	1.259	1.295	0.0500	51400	50000	2.8	25.0
Benzo[a]pyrene	Ave	1.030	1.108	0.0500	53800	50000	7.6	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9662	1.053	0.0500	54500	50000	9.0	25.0
Dibenz(a,h)anthracene	Ave	0.9499	1.042	0.0500	54800	50000	9.7	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-89864/2 Calibration Date: 10/16/2011 14:14
 Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38
 Lab File ID: p20305.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.035	1.085	0.0500	52400	50000	4.9	25.0
2-Fluorophenol (Surr)	Ave	1.222	1.108	0.0500	45300	50000	-9.3	25.0
Phenol-d5 (Surr)	Ave	1.429	1.331	0.0500	46600	50000	-6.9	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4595	0.4552	0.0500	49500	50000	-0.9	25.0
2-Fluorobiphenyl	Ave	1.408	1.417	0.0500	50300	50000	0.6	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1669	0.1674	0.0500	50100	50000	0.3	25.0
Terphenyl-d14 (Surr)	Ave	0.9871	1.062	0.0500	53800	50000	7.6	25.0

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20305.d
Report Date: 19-Oct-2011 10:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20305.d
Lab Smp Id: CCVIS-1143618
Inj Date : 16-OCT-2011 14:14
Operator : BNAMS 4
Smp Info : CCVIS-1143618
Misc Info : 50 ppm BNA 4587
Comment :
Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
Meth Date : 19-Oct-2011 10:20 croccom
Cal Date : 16-OCT-2011 14:14
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS10.i
Quant Type: ISTD
Cal File: p20305.d
Continuing Calibration Sample
Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * 1000 * \text{Vt} / \text{Vo} * \text{CpndVariable}$

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
1	1
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4	4
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						AMOUNTS	
QUANT SIG						CAL -AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
=====	====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.956	0.956	(0.265)	548594	50.0000	60(H)
19 N-Nitrosodimethylamine	74	1.155	1.155	(0.320)	586305	50.0000	54
71 Pyridine	79	1.179	1.179	(0.327)	969897	50.0000	51
\$ 16 2-Fluorophenol (SUR)	112	2.266	2.266	(0.628)	654170	50.0000	45
110 Benzaldehyde	77	3.106	3.106	(0.861)	158742	50.0000	29
\$ 17 Phenol-d5 (SUR)	99	3.271	3.271	(0.907)	785850	50.0000	46
1 Phenol	94	3.282	3.282	(0.910)	800713	50.0000	47
73 Aniline	93	3.241	3.241	(0.899)	977764	50.0000	50
20 bis(2-Chloroethyl)ether	93	3.335	3.335	(0.925)	720369	50.0000	49
2 2-Chlorophenol	128	3.376	3.376	(0.936)	662138	50.0000	48
113 n-decane	43	3.476	3.476	(0.964)	601202	50.0000	48
21 1,3-Dichlorobenzene	146	3.535	3.535	(0.980)	963292	50.0000	52
* 79 1,4-Dichlorobenzene-d4	152	3.606	3.606	(1.000)	472463	40.0000	
22 1,4-Dichlorobenzene	146	3.623	3.623	(1.005)	982303	50.0000	53
74 Benzyl Alcohol	108	3.805	3.805	(1.055)	388178	50.0000	50

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20305.d
Report Date: 19-Oct-2011 10:20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.794	3.794	(1.052)	914644	50.0000	52
3 2-Methylphenol	108	3.976	3.976	(1.103)	573350	50.0000	48
24 bis (2-chloroisopropyl) ether	45	3.964	3.964	(1.099)	553951	50.0000	50
104 Acetophenone	105	4.099	4.099	(1.137)	937178	50.0000	50
4 4-Methylphenol	108	4.158	4.158	(1.153)	566253	50.0000	44(H)
121 3 & 4 Methylphenol	108	4.158	4.158	(1.153)	566253	50.0000	44(H)
25 N-Nitroso-di-n-propylamine	70	4.123	4.123	(1.143)	507004	50.0000	51
26 Hexachloroethane	117	4.175	4.175	(1.158)	369210	50.0000	52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.252	4.252	(0.846)	803586	50.0000	50
107 N,N-Dimethylaniline	120	4.287	4.287	(1.189)	1063782	50.0000	54
27 Nitrobenzene	77	4.275	4.275	(0.850)	1152810	50.0000	51
28 Isophorone	82	4.552	4.552	(0.905)	1186731	50.0000	52
5 2-Nitrophenol	139	4.628	4.628	(0.921)	365373	50.0000	50
6 2,4-Dimethylphenol	122	4.740	4.740	(0.943)	539008	50.0000	49
29 bis(2-Chloroethoxy)methane	93	4.828	4.828	(0.960)	701669	50.0000	52
7 2,4-Dichlorophenol	162	4.910	4.910	(0.977)	526662	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.980	4.980	(0.991)	697477	50.0000	53
* 80 Naphthalene-d8	136	5.027	5.027	(1.000)	1412267	40.0000	
31 Naphthalene	128	5.051	5.051	(1.005)	1862888	50.0000	52
32 4-Chloroaniline	127	5.139	5.139	(1.022)	619040	50.0000	50(H)
33 Hexachlorobutadiene	225	5.215	5.215	(1.037)	455669	50.0000	52
111 Caprolactam	113	5.539	5.539	(1.102)	134190	50.0000	55
8 4-Chloro-3-methylphenol	107	5.709	5.709	(1.136)	488177	50.0000	52(H)
34 2-Methylnaphthalene	142	5.785	5.785	(1.151)	1213307	50.0000	54
120 1-Methylnaphthalene	142	5.885	5.885	(1.171)	1205518	50.0000	52(H)
35 Hexachlorocyclopentadiene	237	5.968	5.968	(0.864)	393366	50.0000	51
9 2,4,6-Trichlorophenol	196	6.103	6.103	(0.883)	356127	50.0000	50(H)
10 2,4,5-Trichlorophenol	196	6.144	6.144	(0.889)	351918	50.0000	50(H)
\$ 77 2-Fluorobiphenyl (SUR)	172	6.185	6.185	(0.895)	1264404	50.0000	50
102 Diphenyl	154	6.273	6.273	(0.908)	1410041	50.0000	50(H)
36 2-Chloronaphthalene	162	6.279	6.279	(0.909)	1149521	50.0000	53(H)
103 Diphenyl Ether	170	6.385	6.385	(0.924)	804743	50.0000	52
37 2-Nitroaniline	65	6.408	6.408	(0.928)	328229	50.0000	43
38 Dimethylphthalate	163	6.614	6.614	(0.957)	1035397	50.0000	53(H)
114 Coumarin	146	6.602	6.602	(1.313)	324923	50.0000	53
40 2,6-Dinitrotoluene	165	6.661	6.661	(0.964)	249914	50.0000	56
39 Acenaphthylene	152	6.684	6.684	(0.968)	1522830	50.0000	52(H)
41 3-Nitroaniline	138	6.819	6.819	(0.987)	217414	50.0000	48(H)
* 82 Acenaphthene-d10	164	6.831	6.831	(1.000)	713946	40.0000	(H)
42 Acenaphthene	154	6.866	6.866	(0.994)	962221	50.0000	53(H)
11 2,4-Dinitrophenol	184	6.931	6.931	(1.003)	129522	50.0000	53(H)
12 4-Nitrophenol	65	7.043	7.043	(1.020)	199559	50.0000	53(H)
44 2,4-Dinitrotoluene	165	7.060	7.060	(1.022)	292172	50.0000	53
43 Dibenzofuran	168	7.037	7.037	(1.019)	1375490	50.0000	52(H)
45 Diethylphthalate	149	7.319	7.319	(1.060)	955270	50.0000	53(H)
46 4-Chlorophenyl-phenylether	204	7.395	7.395	(1.071)	571983	50.0000	54
47 Fluorene	166	7.372	7.372	(1.067)	1099651	50.0000	53

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20305.d
 Report Date: 19-Oct-2011 10:20

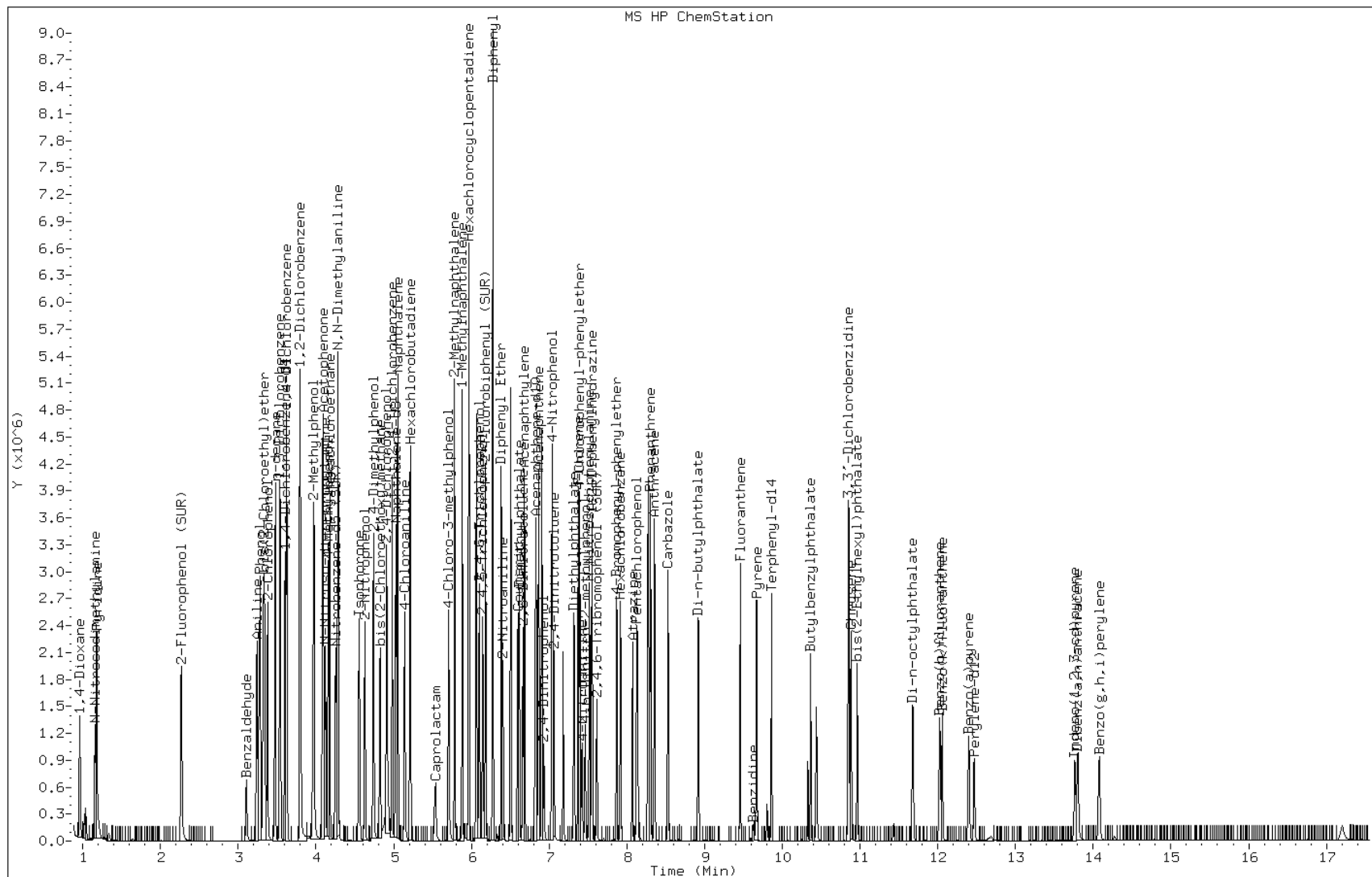
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.425	7.425	(1.075)	172003	50.0000	44(H)
13 4,6-Dinitro-2-methylphenol	198	7.460	7.460	(0.901)	162506	50.0000	50
49 N-Nitrosodiphenylamine	169	7.519	7.519	(0.908)	659911	50.0000	48
75 1,2-Diphenylhydrazine	77	7.548	7.548	(0.911)	1275582	50.0000	52
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.613	7.613	(1.102)	149408	50.0000	50
50 4-Bromophenyl-phenylether	248	7.871	7.871	(0.950)	304234	50.0000	52
51 Hexachlorobenzene	284	7.918	7.918	(0.956)	304796	50.0000	52
112 Atrazine	200	8.071	8.071	(0.974)	255665	50.0000	55
14 Pentachlorophenol	266	8.124	8.124	(0.981)	160222	50.0000	51
* 83 Phenanthrene-d10	188	8.283	8.283	(1.000)	906189	40.0000	
52 Phenanthrene	178	8.306	8.306	(1.003)	1273590	50.0000	52
53 Anthracene	178	8.353	8.353	(1.008)	1292499	50.0000	52
54 Carbazole	167	8.529	8.529	(1.030)	1047890	50.0000	52
55 Di-n-butylphthalate	149	8.923	8.923	(1.077)	1269063	50.0000	51
56 Fluoranthene	202	9.458	9.458	(1.142)	1148648	50.0000	49
58 Benzidine	184	9.628	9.628	(1.162)	99002	50.0000	29
57 Pyrene	202	9.675	9.675	(0.891)	1125547	50.0000	56
\$ 78 Terphenyl-d14	244	9.863	9.863	(0.908)	743927	50.0000	54
59 Butylbenzylphthalate	149	10.368	10.368	(0.955)	459489	50.0000	54
109 2,3,7,8-TCDD (Screen)	320	10.421	10.421	(0.959)	609	0.50000	0.29(a)
60 3,3'-Dichlorobenzidine	252	10.850	10.850	(0.999)	270527	50.0000	46
61 Benzo(a)anthracene	228	10.850	10.850	(0.999)	850718	50.0000	50
* 81 Chrysene-d12	240	10.862	10.862	(1.000)	560545	40.0000	
62 Chrysene	228	10.885	10.885	(1.002)	763572	50.0000	51
63 bis(2-Ethylhexyl)phthalate	149	10.968	10.968	(1.010)	594226	50.0000	53
64 Di-n-octylphthalate	149	11.684	11.684	(0.937)	913572	50.0000	56
65 Benzo(b)fluoranthene	252	12.025	12.025	(0.964)	735354	50.0000	56
66 Benzo(k)fluoranthene	252	12.060	12.060	(0.967)	717939	50.0000	51
67 Benzo(a)pyrene	252	12.401	12.401	(0.994)	614538	50.0000	54
* 84 Perylene-d12	264	12.472	12.472	(1.000)	443585	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.770	13.770	(1.104)	583994	50.0000	54
69 Dibenz(a,h)anthracene	278	13.800	13.800	(1.106)	577558	50.0000	55
70 Benzo(g,h,i)perylene	276	14.082	14.082	(1.129)	601789	50.0000	52

QC Flag Legend

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

Instrument: BNAMS10.i

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89865/1 Calibration Date: 10/16/2011 19:38

Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38

Lab File ID: p20314.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7703	0.9807	0.0500	63700	50000	27.3*	25.0
N-Nitrosodimethylamine	Ave	0.9260	1.015	0.0500	54800	50000	9.6	25.0
Pyridine	Ave	1.617	1.701	0.0500	52600	50000	5.1	25.0
Benzaldehyde	Ave	0.4562	0.4537	0.0500	49700	50000	-0.6	25.0
Aniline	Ave	1.654	1.641	0.0500	49600	50000	-0.8	25.0
Phenol	Ave	1.438	1.303	0.0500	45300	50000	-9.4	25.0
Bis(2-chloroethyl)ether	Ave	1.240	1.251	0.0500	50500	50000	0.9	25.0
2-Chlorophenol	Ave	1.160	1.131	0.0500	48800	50000	-2.5	25.0
n-Decane	Ave	1.069	1.106	0.0500	51700	50000	3.4	25.0
1,3-Dichlorobenzene	Ave	1.563	1.645	0.0500	52600	50000	5.3	25.0
1,4-Dichlorobenzene	Ave	1.578	1.669	0.0500	52900	50000	5.8	25.0
1,2-Dichlorobenzene	Ave	1.481	1.544	0.0500	52100	50000	4.3	25.0
Benzyl alcohol	Ave	0.6614	0.4884	0.0500	36900	50000	-26.2*	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.9390	0.997	0.0500	53100	50000	6.1	25.0
2-Methylphenol	Ave	0.999	0.9807	0.0500	49100	50000	-1.9	25.0
Acetophenone	Ave	1.601	1.626	0.0500	50800	50000	1.5	25.0
N-Nitrosodi-n-propylamine	Ave	0.8402	0.8950	0.0500	53300	50000	6.5	25.0
3 & 4 Methylphenol	Ave	1.090	0.9267	0.0500	42500	50000	-15.0	25.0
4-Methylphenol	Ave	1.090	0.9267	0.0500	42500	50000	-15.0	25.0
Hexachloroethane	Ave	0.6061	0.6526	0.0500	53800	50000	7.7	25.0
Nitrobenzene	Ave	0.6379	0.6853	0.0500	53700	50000	7.4	25.0
n,n'-Dimethylaniline	Ave	1.665	1.808	0.0500	54300	50000	8.5	25.0
Isophorone	Ave	0.6502	0.7051	0.0500	54200	50000	8.4	25.0
2-Nitrophenol	Ave	0.2051	0.2056	0.0500	50100	50000	0.2	25.0
2,4-Dimethylphenol	Ave	0.3132	0.2860	0.0500	45700	50000	-8.7	25.0
Bis(2-chloroethoxy)methane	Ave	0.3830	0.4079	0.0500	53300	50000	6.5	25.0
2,4-Dichlorophenol	Ave	0.3010	0.2994	0.0500	49700	50000	-0.5	25.0
1,2,4-Trichlorobenzene	Ave	0.3718	0.3976	0.0500	53500	50000	6.9	25.0
Naphthalene	Ave	1.014	1.091	0.0500	53800	50000	7.6	25.0
4-Chloroaniline	Ave	0.3479	0.3630	0.0500	52200	50000	4.3	25.0
Hexachlorobutadiene	Ave	0.2476	0.2581	0.0500	52100	50000	4.2	25.0
Caprolactam	Ave	0.0689	0.0768	0.0500	55700	50000	11.5	25.0
4-Chloro-3-methylphenol	Ave	0.2678	0.2671	0.0500	49900	50000	-0.3	25.0
2-Methylnaphthalene	Ave	0.6422	0.6910	0.0500	53800	50000	7.6	25.0
1-Methylnaphthalene	Ave	0.6582	0.6931	0.0500	52600	50000	5.3	25.0
Hexachlorocyclopentadiene	Ave	0.4345	0.3883	0.0500	44700	50000	-10.6	25.0
2,4,6-Trichlorophenol	Ave	0.3949	0.3821	0.0500	48400	50000	-3.2	25.0
2,4,5-Trichlorophenol	Ave	0.3927	0.3769	0.0500	48000	50000	-4.0	25.0
1,1'-Biphenyl	Ave	1.567	1.612	0.0500	51400	50000	2.8	25.0
2-Chloronaphthalene	Ave	1.211	1.290	0.0500	53300	50000	6.6	25.0
Phenyl ether	Ave	0.8618	0.8998	0.0500	52200	50000	4.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89865/1 Calibration Date: 10/16/2011 19:38

Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38

Lab File ID: p20314.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.4253	0.3862	0.0500	45400	50000	-9.2	25.0
Coumarin	Ave	0.1725	0.1893	0.0500	54900	50000	9.8	25.0
Dimethyl phthalate	Ave	1.101	1.188	0.0500	53900	50000	7.9	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2798	0.0500	55600	50000	11.3	25.0
Acenaphthylene	Ave	1.642	1.744	0.0500	53100	50000	6.2	25.0
3-Nitroaniline	Ave	0.2547	0.2581	0.0500	50700	50000	1.3	25.0
Acenaphthene	Ave	1.020	1.079	0.0500	52900	50000	5.9	25.0
2,4-Dinitrophenol	Ave	0.1362	0.1237	0.0500	45400	50000	-9.2	25.0
Dibenzofuran	Ave	1.480	1.549	0.0500	52400	50000	4.7	25.0
4-Nitrophenol	Ave	0.2113	0.2384	0.0500	56400	50000	12.8	25.0
2,4-Dinitrotoluene	Ave	0.3112	0.3464	0.0500	55700	50000	11.3	25.0
Diethyl phthalate	Ave	1.006	1.131	0.0500	56200	50000	12.4	25.0
Fluorene	Ave	1.158	1.260	0.0500	54400	50000	8.8	25.0
4-Chlorophenyl phenyl ether	Ave	0.5966	0.6363	0.0500	53300	50000	6.6	25.0
4-Nitroaniline	Ave	0.2213	0.2230	0.0500	50400	50000	0.8	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1433	0.1332	0.0500	46500	50000	-7.0	25.0
N-Nitrosodiphenylamine	Ave	0.6009	0.5841	0.0500	48600	50000	-2.8	25.0
1,2-Diphenylhydrazine	Ave	1.074	1.157	0.0500	53900	50000	7.8	25.0
4-Bromophenyl phenyl ether	Ave	0.2565	0.2612	0.0500	50900	50000	1.8	25.0
Hexachlorobenzene	Ave	0.2583	0.2601	0.0500	50400	50000	0.7	25.0
Atrazine	Ave	0.2055	0.2267	0.0500	55200	50000	10.3	25.0
Pentachlorophenol	Ave	0.1389	0.1208	0.0500	43500	50000	-13.0	25.0
Phenanthrene	Ave	1.077	1.112	0.0500	51600	50000	3.2	25.0
Anthracene	Ave	1.102	1.138	0.0500	51600	50000	3.2	25.0
Carbazole	Ave	0.8974	0.9271	0.0500	51700	50000	3.3	25.0
Di-n-butyl phthalate	Ave	1.098	1.159	0.0500	52800	50000	5.6	25.0
Fluoranthene	Ave	1.032	1.030	0.0500	49900	50000	-0.2	25.0
Benzidine	Ave	0.1482	0.1314	0.0500	44300	50000	-11.3	25.0
Pyrene	Ave	1.438	1.488	0.0500	51700	50000	3.5	25.0
Butyl benzyl phthalate	Ave	0.6016	0.6323	0.0500	52600	50000	5.1	25.0
2,3,7,8-TCDD	Ave	0.1497	0.1566	0.0500	523	500	4.6	25.0
3,3'-Dichlorobenzidine	Ave	0.4200	0.4315	0.0500	51400	50000	2.7	25.0
Benzo[a]anthracene	Ave	1.203	1.197	0.0500	49700	50000	-0.6	25.0
Chrysene	Ave	1.060	1.096	0.0500	51700	50000	3.4	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.8032	0.8251	0.0500	51400	50000	2.7	25.0
Di-n-octyl phthalate	Ave	1.475	1.679	0.0500	56900	50000	13.8	25.0
Benzo[b]fluoranthene	Ave	1.189	1.329	0.0500	55900	50000	11.8	25.0
Benzo[k]fluoranthene	Ave	1.259	1.306	0.0500	51800	50000	3.7	25.0
Benzo[a]pyrene	Ave	1.030	1.108	0.0500	53800	50000	7.6	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9662	1.090	0.0500	56400	50000	12.9	25.0
Dibenz(a,h)anthracene	Ave	0.9499	1.103	0.0500	58100	50000	16.1	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: CCV 460-89865/1 Calibration Date: 10/16/2011 19:38
Instrument ID: BNAMS10 Calib Start Date: 10/10/2011 12:55
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 10/10/2011 14:38
Lab File ID: p20314.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.035	1.171	0.0500	56600	50000	13.2	25.0
2-Fluorophenol (Surr)	Ave	1.222	1.119	0.0500	45800	50000	-8.4	25.0
Phenol-d5 (Surr)	Ave	1.429	1.307	0.0500	45700	50000	-8.5	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4595	0.4828	0.0500	52500	50000	5.1	25.0
2-Fluorobiphenyl	Ave	1.408	1.441	0.0500	51200	50000	2.4	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1669	0.1594	0.0500	47800	50000	-4.5	25.0
Terphenyl-d14 (Surr)	Ave	0.9871	1.015	0.0500	51400	50000	2.8	25.0

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11BR.b/p20314.d
 Report Date: 19-Oct-2011 10:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11BR.b/p20314.d
 Lab Smp Id: CCV-1143618
 Inj Date : 16-OCT-2011 19:38
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info : 50 ppm BNA 4587
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11BR.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:25 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 19:38 Cal File: p20314.d
 Als bottle: 11 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	0.956	0.956	(0.265)	484534	50.0000	64	
19 N-Nitrosodimethylamine	74	1.155	1.155	(0.321)	501613	50.0000	55	
71 Pyridine	79	1.167	1.167	(0.324)	840188	50.0000	52	
\$ 16 2-Fluorophenol (SUR)	112	2.260	2.260	(0.628)	552795	50.0000	46	
110 Benzaldehyde	77	3.100	3.100	(0.861)	224147	50.0000	50	
\$ 17 Phenol-d5 (SUR)	99	3.265	3.265	(0.907)	645741	50.0000	46	
1 Phenol	94	3.282	3.282	(0.912)	643814	50.0000	45	
73 Aniline	93	3.235	3.235	(0.899)	810514	50.0000	50	
20 bis(2-Chloroethyl)ether	93	3.335	3.335	(0.927)	618256	50.0000	50	
2 2-Chlorophenol	128	3.376	3.376	(0.938)	558818	50.0000	49	
113 n-decane	43	3.470	3.470	(0.964)	546340	50.0000	52	
21 1,3-Dichlorobenzene	146	3.535	3.535	(0.982)	812565	50.0000	53	
* 79 1,4-Dichlorobenzene-d4	152	3.600	3.600	(1.000)	395239	40.0000		
22 1,4-Dichlorobenzene	146	3.623	3.623	(1.007)	824708	50.0000	53	
74 Benzyl Alcohol	108	3.799	3.799	(1.055)	241270	50.0000	37	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11BR.b/p20314.d
Report Date: 19-Oct-2011 10:25

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.794	3.794	(1.054)	762827	50.0000	52
3 2-Methylphenol	108	3.970	3.970	(1.103)	484527	50.0000	49
24 bis (2-chloroisopropyl) ether	45	3.964	3.964	(1.101)	492326	50.0000	53
104 Acetophenone	105	4.093	4.093	(1.137)	803109	50.0000	51
4 4-Methylphenol	108	4.152	4.152	(1.153)	457829	50.0000	42
121 3 & 4 Methylphenol	108	4.152	4.152	(1.153)	457829	50.0000	42
25 N-Nitroso-di-n-propylamine	70	4.117	4.117	(1.144)	442158	50.0000	53
26 Hexachloroethane	117	4.175	4.175	(1.160)	322406	50.0000	54
\$ 76 Nitrobenzene-d5 (SUR)	82	4.252	4.252	(0.846)	700793	50.0000	52
107 N,N-Dimethylaniline	120	4.287	4.287	(1.191)	893054	50.0000	54
27 Nitrobenzene	77	4.275	4.275	(0.850)	994884	50.0000	54
28 Isophorone	82	4.551	4.551	(0.905)	1023587	50.0000	54
5 2-Nitrophenol	139	4.628	4.628	(0.921)	298404	50.0000	50
6 2,4-Dimethylphenol	122	4.739	4.739	(0.943)	415132	50.0000	46
29 bis(2-Chloroethoxy)methane	93	4.822	4.822	(0.959)	592112	50.0000	53
7 2,4-Dichlorophenol	162	4.910	4.910	(0.977)	434658	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.980	4.980	(0.991)	577143	50.0000	53
* 80 Naphthalene-d8	136	5.027	5.027	(1.000)	1161341	40.0000	
31 Naphthalene	128	5.051	5.051	(1.005)	1584164	50.0000	54
32 4-Chloroaniline	127	5.139	5.139	(1.022)	527015	50.0000	52(H)
33 Hexachlorobutadiene	225	5.215	5.215	(1.037)	374665	50.0000	52
111 Caprolactam	113	5.539	5.539	(1.102)	111446	50.0000	56
8 4-Chloro-3-methylphenol	107	5.709	5.709	(1.136)	387700	50.0000	50
34 2-Methylnaphthalene	142	5.785	5.785	(1.151)	1003162	50.0000	54
120 1-Methylnaphthalene	142	5.879	5.879	(1.169)	1006144	50.0000	53
35 Hexachlorocyclopentadiene	237	5.962	5.962	(0.873)	285131	50.0000	45
9 2,4,6-Trichlorophenol	196	6.103	6.103	(0.893)	280591	50.0000	48
10 2,4,5-Trichlorophenol	196	6.144	6.144	(0.899)	276735	50.0000	48
\$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.179	(0.905)	1058092	50.0000	51
102 Diphenyl	154	6.273	6.273	(0.918)	1183621	50.0000	51
36 2-Chloronaphthalene	162	6.273	6.273	(0.918)	947583	50.0000	53
103 Diphenyl Ether	170	6.385	6.385	(0.935)	660707	50.0000	52
37 2-Nitroaniline	65	6.402	6.402	(0.937)	283564	50.0000	45
38 Dimethylphthalate	163	6.614	6.614	(0.968)	872197	50.0000	54
114 Coumarin	146	6.596	6.596	(1.312)	274854	50.0000	55
40 2,6-Dinitrotoluene	165	6.661	6.661	(0.975)	205418	50.0000	56
39 Acenaphthylene	152	6.684	6.684	(0.978)	1280832	50.0000	53
41 3-Nitroaniline	138	6.819	6.819	(0.998)	189515	50.0000	51
* 82 Acenaphthene-d10	164	6.831	6.831	(1.000)	587428	40.0000	
42 Acenaphthene	154	6.861	6.861	(1.004)	792446	50.0000	53
11 2,4-Dinitrophenol	184	6.931	6.931	(1.015)	90796	50.0000	45
12 4-Nitrophenol	65	7.043	7.043	(1.031)	175040	50.0000	56
44 2,4-Dinitrotoluene	165	7.060	7.060	(1.034)	254354	50.0000	56
43 Dibenzofuran	168	7.037	7.037	(1.030)	1137455	50.0000	52
45 Diethylphthalate	149	7.319	7.319	(1.071)	830432	50.0000	56
46 4-Chlorophenyl-phenylether	204	7.395	7.395	(1.083)	467192	50.0000	53
47 Fluorene	166	7.372	7.372	(1.079)	925116	50.0000	54

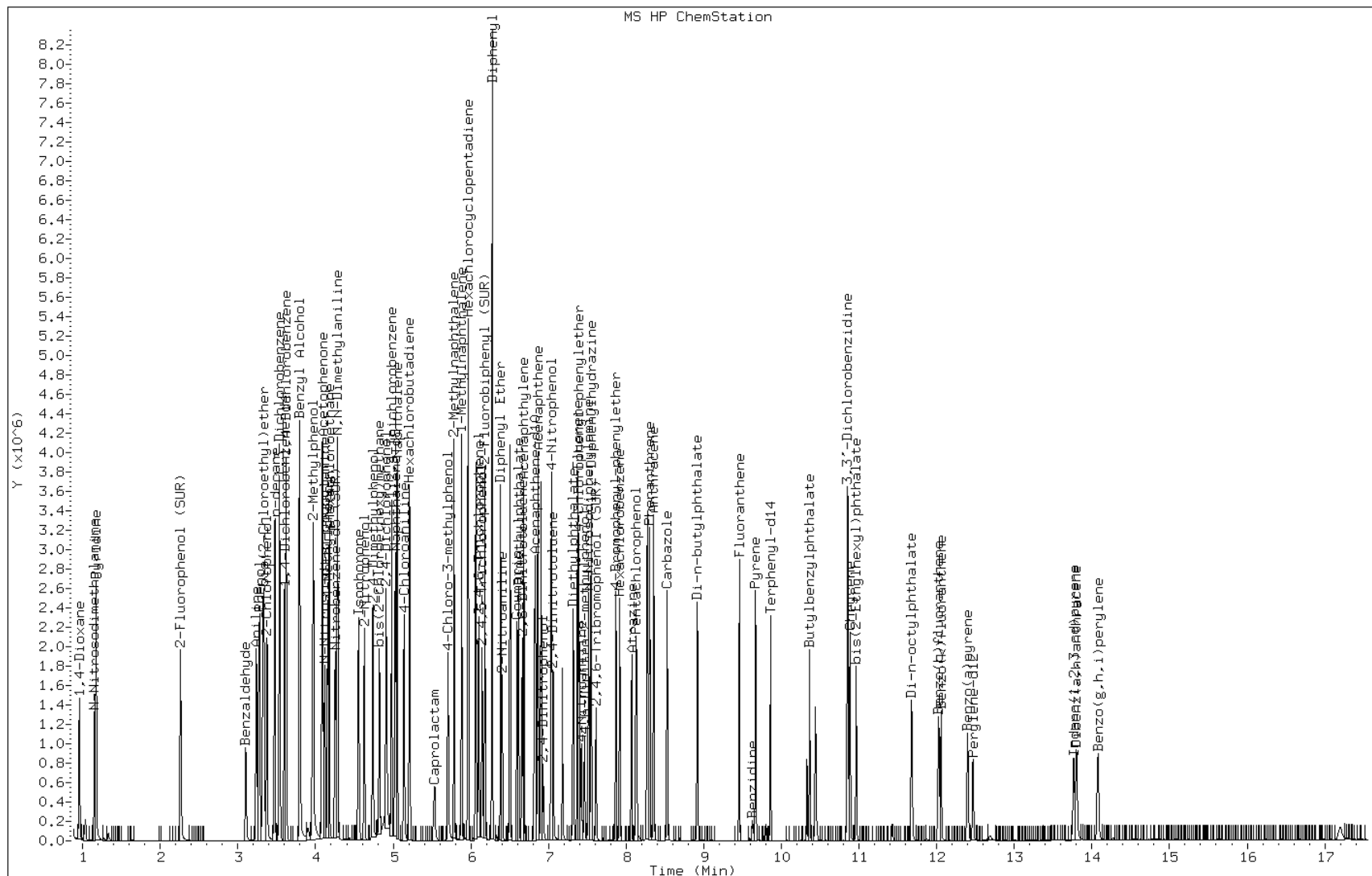
Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11BR.b/p20314.d
 Report Date: 19-Oct-2011 10:25

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.425	7.425	(1.087)	163762	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.460	7.460	(0.901)	128349	50.0000	46
49 N-Nitrosodiphenylamine	169	7.519	7.519	(0.908)	562656	50.0000	48
75 1,2-Diphenylhydrazine	77	7.548	7.548	(0.911)	1114902	50.0000	54
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.613	7.613	(1.114)	117077	50.0000	48
50 4-Bromophenyl-phenylether	248	7.865	7.865	(0.950)	251642	50.0000	51
51 Hexachlorobenzene	284	7.918	7.918	(0.956)	250571	50.0000	50
112 Atrazine	200	8.071	8.071	(0.974)	218422	50.0000	55
14 Pentachlorophenol	266	8.124	8.124	(0.981)	116379	50.0000	43
* 83 Phenanthrene-d10	188	8.282	8.282	(1.000)	770659	40.0000	
52 Phenanthrene	178	8.306	8.306	(1.003)	1070782	50.0000	52
53 Anthracene	178	8.353	8.353	(1.008)	1095933	50.0000	52
54 Carbazole	167	8.529	8.529	(1.030)	893090	50.0000	52
55 Di-n-butylphthalate	149	8.917	8.917	(1.077)	1116904	50.0000	53
56 Fluoranthene	202	9.458	9.458	(1.142)	992365	50.0000	50
58 Benzidine	184	9.628	9.628	(1.162)	126561	50.0000	44
57 Pyrene	202	9.669	9.669	(0.890)	965396	50.0000	52
\$ 78 Terphenyl-d14	244	9.863	9.863	(0.908)	658089	50.0000	51
59 Butylbenzylphthalate	149	10.362	10.362	(0.954)	410129	50.0000	52
109 2,3,7,8-TCDD (Screen)	320	10.421	10.421	(0.959)	1016	0.50000	0.52
60 3,3'-Dichlorobenzidine	252	10.850	10.850	(0.999)	279894	50.0000	51
61 Benzo(a)anthracene	228	10.850	10.850	(0.999)	776234	50.0000	50
* 81 Chrysene-d12	240	10.862	10.862	(1.000)	518901	40.0000	
62 Chrysene	228	10.885	10.885	(1.002)	711021	50.0000	52
63 bis(2-Ethylhexyl)phthalate	149	10.968	10.968	(1.010)	535155	50.0000	51
64 Di-n-octylphthalate	149	11.679	11.679	(0.936)	856093	50.0000	57
65 Benzo(b)fluoranthene	252	12.025	12.025	(0.964)	677814	50.0000	56
66 Benzo(k)fluoranthene	252	12.060	12.060	(0.967)	665918	50.0000	52
67 Benzo(a)pyrene	252	12.401	12.401	(0.994)	565195	50.0000	54
* 84 Perylene-d12	264	12.472	12.472	(1.000)	408006	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.770	13.770	(1.104)	556153	50.0000	56
69 Dibenz(a,h)anthracene	278	13.806	13.806	(1.107)	562572	50.0000	58
70 Benzo(g,h,i)perylene	276	14.082	14.082	(1.129)	597465	50.0000	57

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.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89651/2 Calibration Date: 10/14/2011 00:28

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: z10789.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	0.6019	0.0500	46500	50000	-7.0	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8163	0.0500	49100	50000	-1.8	25.0
Pyridine	Ave	1.503	1.500	0.0500	49900	50000	-0.2	25.0
Benzaldehyde	Ave	0.4704	0.4949	0.0500	52600	50000	5.2	25.0
Aniline	Ave	1.901	2.017	0.0500	53000	50000	6.1	25.0
Phenol	Ave	1.747	1.767	0.0500	50600	50000	1.2	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.397	0.0500	52000	50000	4.0	25.0
2-Chlorophenol	Ave	1.390	1.448	0.0500	52100	50000	4.2	25.0
n-Decane	Ave	1.283	1.412	0.0500	55000	50000	10.0	25.0
1,3-Dichlorobenzene	Ave	1.618	1.607	0.0500	49700	50000	-0.7	25.0
1,4-Dichlorobenzene	Ave	1.642	1.626	0.0500	49500	50000	-0.9	25.0
1,2-Dichlorobenzene	Ave	1.519	1.518	0.0500	49900	50000	-0.1	25.0
Benzyl alcohol	Ave	0.7598	0.8492	0.0500	55900	50000	11.8	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.632	0.0500	57800	50000	15.5	25.0
2-Methylphenol	Ave	1.152	1.169	0.0500	50800	50000	1.5	25.0
o-Toluidine	Ave	1.535	1.568	0.0500	51100	50000	2.1	25.0
Acetophenone	Ave	1.820	1.779	0.0500	48900	50000	-2.2	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.9084	0.0500	52200	50000	4.3	25.0
3 & 4 Methylphenol	Ave	1.296	1.297	0.0500	50000	50000	0.0	25.0
4-Methylphenol	Ave	1.296	1.297	0.0500	50000	50000	0.0	25.0
Hexachloroethane	Ave	0.6334	0.6556	0.0500	51700	50000	3.5	25.0
n,n'-Dimethylaniline	Ave	1.946	2.085	0.0500	53600	50000	7.1	25.0
Nitrobenzene	Ave	0.5433	0.5624	0.0500	51800	50000	3.5	25.0
Isophorone	Ave	0.6190	0.6388	0.0500	51600	50000	3.2	25.0
2-Nitrophenol	Ave	0.1983	0.1929	0.0500	48700	50000	-2.7	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3026	0.0500	49600	50000	-0.9	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3922	0.0500	51200	50000	2.3	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2646	0.0500	49400	50000	-1.2	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3082	0.0500	48600	50000	-2.9	25.0
Naphthalene	Ave	1.099	1.100	0.0500	50100	50000	0.2	25.0
4-Chloroaniline	Ave	0.3849	0.3900	0.0500	50700	50000	1.3	25.0
Hexachlorobutadiene	Ave	0.1928	0.1845	0.0500	47800	50000	-4.3	25.0
Caprolactam	Ave	0.0812	0.0646	0.0500	39800	50000	-20.4	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2683	0.0500	48400	50000	-3.1	25.0
2-Methylnaphthalene	Ave	0.6534	0.6386	0.0500	48900	50000	-2.3	25.0
1-Methylnaphthalene	Ave	0.6708	0.6485	0.0500	48300	50000	-3.3	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.3472	0.0500	49800	50000	-0.4	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3712	0.0500	50100	50000	0.2	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3818	0.0500	50500	50000	1.1	25.0
1,1'-Biphenyl	Ave	1.702	1.724	0.0500	50600	50000	1.3	25.0
2-Chloronaphthalene	Ave	1.203	1.238	0.0500	51500	50000	2.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCVIS 460-89651/2 Calibration Date: 10/14/2011 00:28

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: z10789.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	0.8700	0.0500	50900	50000	1.8	25.0
2-Nitroaniline	Ave	0.3986	0.3707	0.0500	46500	50000	-7.0	25.0
Coumarin	Ave	0.1908	0.1553	0.0500	40700	50000	-18.6	25.0
Dimethyl phthalate	Ave	1.208	1.132	0.0500	46900	50000	-6.3	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2624	0.0500	47500	50000	-4.9	25.0
Acenaphthylene	Ave	1.895	1.957	0.0500	51600	50000	3.3	25.0
3-Nitroaniline	Ave	0.2940	0.2774	0.0500	47200	50000	-5.7	25.0
Acenaphthene	Ave	1.168	1.152	0.0500	49300	50000	-1.4	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1291	0.0500	46000	50000	-7.9	25.0
4-Nitrophenol	Ave	0.2299	0.1797	0.0500	39100	50000	-21.8	25.0
Dibenzofuran	Ave	1.576	1.525	0.0500	48400	50000	-3.2	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3065	0.0500	43500	50000	-13.0	25.0
Diethyl phthalate	Ave	1.235	1.151	0.0500	46600	50000	-6.8	25.0
Fluorene	Ave	1.273	1.208	0.0500	47500	50000	-5.1	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5445	0.0500	47000	50000	-6.0	25.0
4-Nitroaniline	Ave	0.2492	0.2094	0.0500	42000	50000	-15.9	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1245	0.0500	47600	50000	-4.7	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6355	0.0500	51400	50000	2.9	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.262	0.0500	56700	50000	13.3	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2520	0.0500	51400	50000	2.7	25.0
Hexachlorobenzene	Ave	0.2659	0.2657	0.0500	50000	50000	-0.0	25.0
Atrazine	Ave	0.2035	0.1945	0.0500	47800	50000	-4.4	25.0
Pentachlorophenol	Ave	0.1420	0.1308	0.0500	46100	50000	-7.9	25.0
Phenanthrene	Ave	1.161	1.143	0.0500	49200	50000	-1.5	25.0
Anthracene	Ave	1.176	1.143	0.0500	48600	50000	-2.8	25.0
Carbazole	Ave	0.9491	0.8756	0.0500	46100	50000	-7.7	25.0
Di-n-butyl phthalate	Ave	1.296	1.256	0.0500	48500	50000	-3.1	25.0
Fluoranthene	Ave	0.9706	0.8933	0.0500	46000	50000	-8.0	25.0
Benzidine	Ave	0.1089	0.1061	0.0500	48700	50000	-2.6	25.0
Pyrene	Ave	1.693	1.775	0.0500	52400	50000	4.9	25.0
Butyl benzyl phthalate	Ave	0.7744	0.7963	0.0500	51400	50000	2.8	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1939	0.0500	527	500	5.4	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.3178	0.0500	46000	50000	-8.1	25.0
Benzo[a]anthracene	Ave	1.242	1.159	0.0500	46600	50000	-6.7	25.0
Chrysene	Ave	1.118	1.129	0.0500	50500	50000	1.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.078	0.0500	51900	50000	3.8	25.0
Di-n-octyl phthalate	Ave	2.015	2.046	0.0500	50800	50000	1.6	25.0
Benzo[b]fluoranthene	Ave	1.190	1.148	0.0500	48300	50000	-3.5	25.0
Benzo[k]fluoranthene	Ave	1.332	1.334	0.0500	50100	50000	0.1	25.0
Benzo[a]pyrene	Ave	0.9679	0.9714	0.0500	50200	50000	0.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	0.9055	0.0500	56700	50000	13.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-89651/2 Calibration Date: 10/14/2011 00:28
 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: z10789.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	0.9115	0.0500	54700	50000	9.4	25.0
Benzo[g,h,i]perylene	Ave	0.8506	0.9269	0.0500	54500	50000	9.0	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.385	0.0500	51200	50000	2.4	25.0
Phenol-d5 (Surr)	Ave	1.613	1.647	0.0500	51100	50000	2.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4166	0.0500	50800	50000	1.6	25.0
2-Fluorobiphenyl	Ave	1.439	1.473	0.0500	51200	50000	2.3	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1731	0.0500	46500	50000	-6.9	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.227	0.0500	51000	50000	1.9	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10789.d
 Report Date: 14-Oct-2011 01:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10789.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 14-OCT-2011 00:28
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa
 Cal Date : 14-OCT-2011 00:28
 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: z10789.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	1.009	1.009	(0.292)	423224	50.0000	46
19 N-Nitrosodimethylamine		74	1.197	1.197	(0.347)	573951	50.0000	49
71 Pyridine		79	1.214	1.214	(0.352)	1054666	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.220	2.220	(0.644)	973848	50.0000	51
110 Benzaldehyde		77	2.997	2.997	(0.869)	347976	50.0000	53
\$ 17 Phenol-d5 (SUR)		99	3.132	3.132	(0.908)	1158278	50.0000	51
1 Phenol		94	3.150	3.150	(0.913)	1242407	50.0000	50
73 Aniline		93	3.120	3.120	(0.904)	1417941	50.0000	53
20 bis(2-Chloroethyl)ether		93	3.203	3.203	(0.928)	981967	50.0000	52
2 2-Chlorophenol		128	3.244	3.244	(0.940)	1018254	50.0000	52
113 n-decane		43	3.320	3.320	(0.962)	992887	50.0000	55
21 1,3-Dichlorobenzene		146	3.391	3.391	(0.983)	1129774	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.450	3.450	(1.000)	562502	40.0000	
22 1,4-Dichlorobenzene		146	3.467	3.467	(1.005)	1143460	50.0000	50
74 Benzyl Alcohol		108	3.626	3.626	(1.051)	597105	50.0000	56

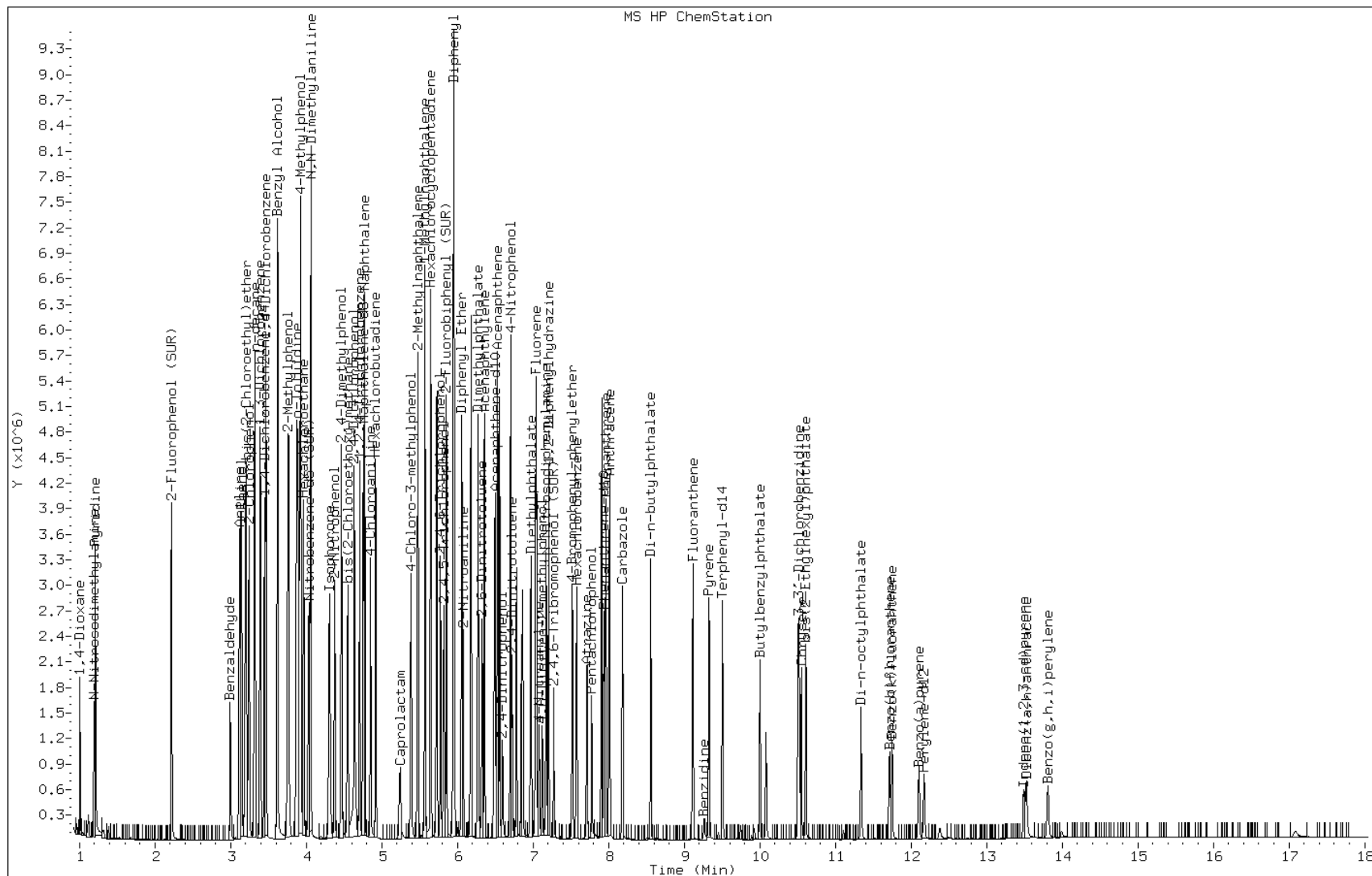
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10789.d
Report Date: 14-Oct-2011 01:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	1067073	50.0000	50
3 2-Methylphenol	108	3.767	3.767	(1.092)	821997	50.0000	51
24 bis (2-chloroisopropyl) ether	45	3.761	3.761	(1.090)	1147646	50.0000	58
122 o-Toluidine	107	3.879	3.879	(1.124)	1102678	50.0000	51
104 Acetophenone	105	3.891	3.891	(1.128)	1250912	50.0000	49
4 4-Methylphenol	108	3.932	3.932	(1.140)	911860	50.0000	50
121 3 & 4 Methylphenol	108	3.932	3.932	(1.140)	911860	50.0000	50
25 N-Nitroso-di-n-propylamine	70	3.908	3.908	(1.133)	638710	50.0000	52
26 Hexachloroethane	117	3.967	3.967	(1.150)	460939	50.0000	52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.038	4.038	(0.849)	1044500	50.0000	51
107 N,N-Dimethylaniline	120	4.061	4.061	(1.177)	1465677	50.0000	54
27 Nitrobenzene	77	4.061	4.061	(0.854)	1410079	50.0000	52
28 Isophorone	82	4.308	4.308	(0.906)	1601616	50.0000	52
5 2-Nitrophenol	139	4.379	4.379	(0.921)	483762	50.0000	49
6 2,4-Dimethylphenol	122	4.467	4.467	(0.939)	758818	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.549	4.549	(0.957)	983392	50.0000	51
7 2,4-Dichlorophenol	162	4.638	4.638	(0.975)	663425	50.0000	49
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.990)	772874	50.0000	48
* 80 Naphthalene-d8	136	4.755	4.755	(1.000)	2005905	40.0000	
31 Naphthalene	128	4.779	4.779	(1.005)	2759280	50.0000	50
32 4-Chloroaniline	127	4.855	4.855	(1.021)	977903	50.0000	51
33 Hexachlorobutadiene	225	4.920	4.920	(1.035)	462705	50.0000	48
111 Caprolactam	113	5.244	5.244	(1.103)	161998	50.0000	40
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.132)	672676	50.0000	48
34 2-Methylnaphthalene	142	5.479	5.479	(1.152)	1601213	50.0000	49
120 1-Methylnaphthalene	142	5.573	5.573	(1.172)	1625956	50.0000	48
35 Hexachlorocyclopentadiene	237	5.649	5.649	(0.869)	367149	50.0000	50
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.889)	392513	50.0000	50
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.895)	403759	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.900)	1557223	50.0000	51
102 Diphenyl	154	5.949	5.949	(0.915)	1822812	50.0000	51
36 2-Chloronaphthalene	162	5.955	5.955	(0.916)	1308905	50.0000	51
103 Diphenyl Ether	170	6.055	6.055	(0.931)	919955	50.0000	51
37 2-Nitroaniline	65	6.079	6.079	(0.935)	391953	50.0000	46
38 Dimethylphthalate	163	6.279	6.279	(0.966)	1196725	50.0000	47
114 Coumarin	146	6.273	6.273	(1.319)	389429	50.0000	41
40 2,6-Dinitrotoluene	165	6.326	6.326	(0.973)	277442	50.0000	48
39 Acenaphthylene	152	6.361	6.361	(0.978)	2069526	50.0000	52
41 3-Nitroaniline	138	6.485	6.485	(0.997)	293327	50.0000	47
* 82 Acenaphthene-d10	164	6.502	6.502	(1.000)	845913	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	1217802	50.0000	49
11 2,4-Dinitrophenol	184	6.596	6.596	(1.014)	136514	50.0000	46
12 4-Nitrophenol	65	6.702	6.702	(1.031)	190048	50.0000	39
44 2,4-Dinitrotoluene	165	6.726	6.726	(1.034)	324088	50.0000	44
43 Dibenzofuran	168	6.702	6.702	(1.031)	1612715	50.0000	48
45 Diethylphthalate	149	6.973	6.973	(1.072)	1216863	50.0000	46
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.084)	575699	50.0000	47

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10789.d
 Report Date: 14-Oct-2011 01:03

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.038	7.038	(1.082)	1277397	50.0000	47
48 4-Nitroaniline	138	7.085	7.085	(1.090)	221447	50.0000	42
13 4,6-Dinitro-2-methylphenol	198	7.126	7.126	(0.898)	154956	50.0000	48
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.904)	791215	50.0000	51
75 1,2-Diphenylhydrazine	77	7.208	7.208	(0.908)	1570832	50.0000	57
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.279	7.279	(1.119)	183082	50.0000	46
50 4-Bromophenyl-phenylether	248	7.526	7.526	(0.948)	313702	50.0000	51
51 Hexachlorobenzene	284	7.579	7.579	(0.955)	330764	50.0000	50
112 Atrazine	200	7.720	7.720	(0.973)	242184	50.0000	48
14 Pentachlorophenol	266	7.779	7.779	(0.980)	162871	50.0000	46
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	996025	40.0000	
52 Phenanthrene	178	7.961	7.961	(1.003)	1423194	50.0000	49
53 Anthracene	178	8.014	8.014	(1.010)	1423246	50.0000	49
54 Carbazole	167	8.185	8.185	(1.031)	1090199	50.0000	46
55 Di-n-butylphthalate	149	8.561	8.561	(1.079)	1563958	50.0000	48
56 Fluoranthene	202	9.114	9.114	(1.148)	1112206	50.0000	46
58 Benzidine	184	9.267	9.267	(1.167)	132032	50.0000	49
57 Pyrene	202	9.326	9.326	(0.886)	1074678	50.0000	52
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.903)	742673	50.0000	51
59 Butylbenzylphthalate	149	10.002	10.002	(0.950)	482064	50.0000	51
109 2,3,7,8-TCDD (Screen)	320	10.073	10.073	(0.957)	1174	0.50000	0.53
60 3,3'-Dichlorobenzidine	252	10.508	10.508	(0.998)	192391	50.0000	46
61 Benzo(a)anthracene	228	10.514	10.514	(0.999)	701768	50.0000	47
* 81 Chrysene-d12	240	10.526	10.526	(1.000)	484300	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	652308	50.0000	52
62 Chrysene	228	10.549	10.549	(1.002)	683429	50.0000	50
64 Di-n-octylphthalate	149	11.337	11.337	(0.931)	893016	50.0000	51
65 Benzo(b)fluoranthene	252	11.720	11.720	(0.963)	501169	50.0000	48
66 Benzo(k)fluoranthene	252	11.749	11.749	(0.965)	582115	50.0000	50
67 Benzo(a)pyrene	252	12.102	12.102	(0.994)	423941	50.0000	50
* 84 Perylene-d12	264	12.173	12.173	(1.000)	349140	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.496	13.496	(1.109)	395177	50.0000	57
69 Dibenz(a,h)anthracene	278	13.525	13.525	(1.111)	397808	50.0000	55
70 Benzo(g,h,i)perylene	276	13.814	13.814	(1.135)	404535	50.0000	54

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89652/1 Calibration Date: 10/14/2011 08:52

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: z10808.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	0.6655	0.0500	51400	50000	2.8	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.9028	0.0500	54300	50000	8.6	25.0
Pyridine	Ave	1.503	1.663	0.0500	55300	50000	10.6	25.0
Benzaldehyde	Ave	0.4704	0.7551	0.0500	80300	50000	60.5*	25.0
Aniline	Ave	1.901	1.983	0.0500	52200	50000	4.3	25.0
Phenol	Ave	1.747	1.710	0.0500	48900	50000	-2.1	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.429	0.0500	53200	50000	6.4	25.0
2-Chlorophenol	Ave	1.390	1.419	0.0500	51100	50000	2.1	25.0
n-Decane	Ave	1.283	1.540	0.0500	60000	50000	20.0	25.0
1,3-Dichlorobenzene	Ave	1.618	1.614	0.0500	49900	50000	-0.3	25.0
1,4-Dichlorobenzene	Ave	1.642	1.641	0.0500	50000	50000	-0.0	25.0
1,2-Dichlorobenzene	Ave	1.519	1.483	0.0500	48800	50000	-2.4	25.0
Benzyl alcohol	Ave	0.7598	0.6151	0.0500	40500	50000	-19.0	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.703	0.0500	60200	50000	20.5	25.0
2-Methylphenol	Ave	1.152	1.153	0.0500	50100	50000	0.1	25.0
o-Toluidine	Ave	1.535	1.547	0.0500	50400	50000	0.8	25.0
Acetophenone	Ave	1.820	1.765	0.0500	48500	50000	-3.0	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.9509	0.0500	54600	50000	9.2	25.0
3 & 4 Methylphenol	Ave	1.296	1.199	0.0500	46300	50000	-7.5	25.0
4-Methylphenol	Ave	1.296	1.199	0.0500	46300	50000	-7.5	25.0
Hexachloroethane	Ave	0.6334	0.6419	0.0500	50700	50000	1.3	25.0
Nitrobenzene	Ave	0.5433	0.5948	0.0500	54700	50000	9.5	25.0
n,n'-Dimethylaniline	Ave	1.946	2.039	0.0500	52400	50000	4.8	25.0
Isophorone	Ave	0.6190	0.6827	0.0500	55100	50000	10.3	25.0
2-Nitrophenol	Ave	0.1983	0.1961	0.0500	49500	50000	-1.1	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3208	0.0500	52500	50000	5.1	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.4180	0.0500	54500	50000	9.1	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2600	0.0500	48500	50000	-2.9	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3082	0.0500	48600	50000	-2.9	25.0
Naphthalene	Ave	1.099	1.095	0.0500	49800	50000	-0.3	25.0
4-Chloroaniline	Ave	0.3849	0.3988	0.0500	51800	50000	3.6	25.0
Hexachlorobutadiene	Ave	0.1928	0.1889	0.0500	49000	50000	-2.1	25.0
Caprolactam	Ave	0.0812	0.0720	0.0500	44300	50000	-11.3	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2628	0.0500	47500	50000	-5.1	25.0
2-Methylnaphthalene	Ave	0.6534	0.6016	0.0500	46000	50000	-7.9	25.0
1-Methylnaphthalene	Ave	0.6708	0.6121	0.0500	45600	50000	-8.8	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.2242	0.0500	32100	50000	-35.7*	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3717	0.0500	50200	50000	0.3	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3904	0.0500	51700	50000	3.3	25.0
1,1'-Biphenyl	Ave	1.702	1.833	0.0500	53900	50000	7.7	25.0
2-Chloronaphthalene	Ave	1.203	1.295	0.0500	53800	50000	7.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Lab Sample ID: CCV 460-89652/1 Calibration Date: 10/14/2011 08:52

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: z10808.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	0.9461	0.0500	55400	50000	10.7	25.0
2-Nitroaniline	Ave	0.3986	0.3777	0.0500	47400	50000	-5.2	25.0
Coumarin	Ave	0.1908	0.1468	0.0500	38500	50000	-23.1	25.0
Dimethyl phthalate	Ave	1.208	1.342	0.0500	55600	50000	11.2	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2840	0.0500	51400	50000	2.9	25.0
Acenaphthylene	Ave	1.895	1.920	0.0500	50600	50000	1.3	25.0
3-Nitroaniline	Ave	0.2940	0.2909	0.0500	49500	50000	-1.1	25.0
Acenaphthene	Ave	1.168	1.149	0.0500	49200	50000	-1.6	25.0
2,4-Dinitrophenol	Ave	0.1402	0.0510	0.0500	18200	50000	-63.6*	25.0
4-Nitrophenol	Ave	0.2299	0.1637	0.0500	35600	50000	-28.8*	25.0
Dibenzofuran	Ave	1.576	1.490	0.0500	47300	50000	-5.4	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3206	0.0500	45500	50000	-9.0	25.0
Diethyl phthalate	Ave	1.235	1.314	0.0500	53200	50000	6.4	25.0
Fluorene	Ave	1.273	1.148	0.0500	45100	50000	-9.8	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5478	0.0500	47300	50000	-5.5	25.0
4-Nitroaniline	Ave	0.2492	0.2176	0.0500	43700	50000	-12.7	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.0838	0.0500	32000	50000	-35.9*	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.7628	0.0500	61700	50000	23.5	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.441	0.0500	64700	50000	29.4*	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2756	0.0500	56200	50000	12.4	25.0
Hexachlorobenzene	Ave	0.2659	0.2741	0.0500	51500	50000	3.1	25.0
Atrazine	Ave	0.2035	0.2319	0.0500	57000	50000	13.9	25.0
Pentachlorophenol	Ave	0.1420	0.0907	0.0500	31900	50000	-36.1*	25.0
Phenanthrene	Ave	1.161	1.146	0.0500	49400	50000	-1.3	25.0
Anthracene	Ave	1.176	1.114	0.0500	47400	50000	-5.2	25.0
Carbazole	Ave	0.9491	0.9353	0.0500	49300	50000	-1.5	25.0
Di-n-butyl phthalate	Ave	1.296	1.490	0.0500	57500	50000	15.0	25.0
Fluoranthene	Ave	0.9706	0.8310	0.0500	42800	50000	-14.4	25.0
Benzidine	Ave	0.1089	0.3545	0.0500	163000	50000	225.5*	25.0
Pyrene	Ave	1.693	1.308	0.0500	38600	50000	-22.7	25.0
Butyl benzyl phthalate	Ave	0.7744	0.7193	0.0500	46400	50000	-7.1	25.0
2,3,7,8-TCDD	Ave	0.1840	0.2081	0.0500	566	500	13.1	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.4199	0.0500	60700	50000	21.5	25.0
Benzo[a]anthracene	Ave	1.242	1.177	0.0500	47400	50000	-5.3	25.0
Chrysene	Ave	1.118	1.160	0.0500	51900	50000	3.7	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	0.9926	0.0500	47800	50000	-4.4	25.0
Di-n-octyl phthalate	Ave	2.015	1.090	0.0500	27100	50000	-45.9*	25.0
Benzo[b]fluoranthene	Ave	1.190	1.029	0.0500	43200	50000	-13.5	25.0
Benzo[k]fluoranthene	Ave	1.332	1.076	0.0500	40400	50000	-19.3	25.0
Benzo[a]pyrene	Ave	0.9679	0.9820	0.0500	50700	50000	1.5	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	1.300	0.0500	81400	50000	62.8*	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89652/1 Calibration Date: 10/14/2011 08:52
 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: z10808.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	1.251	0.0500	75100	50000	50.2*	25.0
Benzo[g,h,i]perylene	Ave	0.8506	1.298	0.0500	76300	50000	52.6*	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.422	0.0500	52600	50000	5.2	25.0
Phenol-d5 (Surr)	Ave	1.613	1.622	0.0500	50300	50000	0.5	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4419	0.0500	53900	50000	7.8	25.0
2-Fluorobiphenyl	Ave	1.439	1.607	0.0500	55800	50000	11.6	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1338	0.0500	36000	50000	-28.1*	25.0
Terphenyl-d14 (Surr)	Ave	1.204	0.9553	0.0500	39700	50000	-20.6	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11cbr.b/z10808.d
 Report Date: 14-Oct-2011 09:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11cbr.b/z10808.d
 Lab Smp Id: CCV-1143618
 Inj Date : 14-OCT-2011 08:52
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11cbr.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 09:12 croccom Quant Type: ISTD
 Cal Date : 14-OCT-2011 08:52 Cal File: z10808.d
 Als bottle: 21 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	MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.008	1.008	(0.292)	430796	50.0000	51
19 N-Nitrosodimethylamine		74	1.203	1.203	(0.348)	584418	50.0000	54
71 Pyridine		79	1.214	1.214	(0.351)	1076492	50.0000	55
\$ 16 2-Fluorophenol (SUR)		112	2.220	2.220	(0.643)	920769	50.0000	53
110 Benzaldehyde		77	3.002	3.002	(0.869)	488795	50.0000	80
\$ 17 Phenol-d5 (SUR)		99	3.138	3.138	(0.908)	1049733	50.0000	50
1 Phenol		94	3.150	3.150	(0.911)	1106715	50.0000	49
73 Aniline		93	3.120	3.120	(0.903)	1283739	50.0000	52
20 bis(2-Chloroethyl)ether		93	3.202	3.202	(0.927)	925318	50.0000	53
2 2-Chlorophenol		128	3.250	3.250	(0.940)	918816	50.0000	51
113 n-decane		43	3.320	3.320	(0.961)	997017	50.0000	60
21 1,3-Dichlorobenzene		146	3.397	3.397	(0.983)	1044554	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.455	3.455	(1.000)	517875	40.0000	
22 1,4-Dichlorobenzene		146	3.473	3.473	(1.005)	1062597	50.0000	50
74 Benzyl Alcohol		108	3.626	3.626	(1.049)	398205	50.0000	40

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11cbr.b/z10808.d
Report Date: 14-Oct-2011 09:12

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.626	3.626	(1.049)	959849	50.0000	49
3 2-Methylphenol	108	3.767	3.767	(1.090)	746248	50.0000	50
24 bis (2-chloroisopropyl) ether	45	3.761	3.761	(1.089)	1102172	50.0000	60
122 o-Toluidine	107	3.879	3.879	(1.123)	1001685	50.0000	50
104 Acetophenone	105	3.891	3.891	(1.126)	1142798	50.0000	48
4 4-Methylphenol	108	3.932	3.932	(1.138)	776211	50.0000	46
121 3 & 4 Methylphenol	108	3.932	3.932	(1.138)	776211	50.0000	46
25 N-Nitroso-di-n-propylamine	70	3.908	3.908	(1.131)	615528	50.0000	55
26 Hexachloroethane	117	3.967	3.967	(1.148)	415549	50.0000	51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.038	4.038	(0.849)	947039	50.0000	54
107 N,N-Dimethylaniline	120	4.067	4.067	(1.177)	1320221	50.0000	52
27 Nitrobenzene	77	4.061	4.061	(0.854)	1274680	50.0000	55
28 Isophorone	82	4.308	4.308	(0.906)	1463172	50.0000	55
5 2-Nitrophenol	139	4.379	4.379	(0.921)	420287	50.0000	49
6 2,4-Dimethylphenol	122	4.467	4.467	(0.939)	687536	50.0000	52
29 bis(2-Chloroethoxy)methane	93	4.549	4.549	(0.957)	895912	50.0000	54
7 2,4-Dichlorophenol	162	4.644	4.644	(0.976)	557279	50.0000	48
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.990)	660453	50.0000	48
* 80 Naphthalene-d8	136	4.755	4.755	(1.000)	1714590	40.0000	
31 Naphthalene	128	4.779	4.779	(1.005)	2346971	50.0000	50
32 4-Chloroaniline	127	4.855	4.855	(1.021)	854748	50.0000	52
33 Hexachlorobutadiene	225	4.926	4.926	(1.036)	404825	50.0000	49
111 Caprolactam	113	5.244	5.244	(1.103)	154261	50.0000	44
8 4-Chloro-3-methylphenol	107	5.391	5.391	(1.134)	563306	50.0000	47
34 2-Methylnaphthalene	142	5.479	5.479	(1.152)	1289407	50.0000	46
120 1-Methylnaphthalene	142	5.573	5.573	(1.172)	1311767	50.0000	46
35 Hexachlorocyclopentadiene	237	5.649	5.649	(0.869)	179478	50.0000	32
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.889)	297578	50.0000	50
10 2,4,5-Trichlorophenol	196	5.826	5.826	(0.896)	312552	50.0000	52
\$ 77 2-Fluorobiphenyl (SUR)	172	5.861	5.861	(0.901)	1286055	50.0000	56
102 Diphenyl	154	5.949	5.949	(0.915)	1467671	50.0000	54
36 2-Chloronaphthalene	162	5.961	5.961	(0.917)	1036271	50.0000	54
103 Diphenyl Ether	170	6.061	6.061	(0.932)	757331	50.0000	55
37 2-Nitroaniline	65	6.079	6.079	(0.935)	302362	50.0000	47
38 Dimethylphthalate	163	6.279	6.279	(0.966)	1074637	50.0000	56
114 Coumarin	146	6.273	6.273	(1.319)	314666	50.0000	38
40 2,6-Dinitrotoluene	165	6.332	6.332	(0.974)	227358	50.0000	51
39 Acenaphthylene	152	6.361	6.361	(0.978)	1536796	50.0000	51
41 3-Nitroaniline	138	6.485	6.485	(0.997)	232858	50.0000	49
* 82 Acenaphthene-d10	164	6.502	6.502	(1.000)	640406	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	920039	50.0000	49
11 2,4-Dinitrophenol	184	6.602	6.602	(1.015)	40803	50.0000	18
12 4-Nitrophenol	65	6.702	6.702	(1.031)	131045	50.0000	36
44 2,4-Dinitrotoluene	165	6.726	6.726	(1.034)	256602	50.0000	46
43 Dibenzofuran	168	6.702	6.702	(1.031)	1193111	50.0000	47
45 Diethylphthalate	149	6.973	6.973	(1.072)	1051620	50.0000	53
46 4-Chlorophenyl-phenylether	204	7.055	7.055	(1.085)	438500	50.0000	47

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11cbr.b/z10808.d
Report Date: 14-Oct-2011 09:12

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.038	7.038	(1.082)	918812	50.0000	45
48 4-Nitroaniline	138	7.085	7.085	(1.090)	174165	50.0000	44
13 4,6-Dinitro-2-methylphenol	198	7.126	7.126	(0.897)	67874	50.0000	32
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.903)	618194	50.0000	62
75 1,2-Diphenylhydrazine	77	7.208	7.208	(0.907)	1167512	50.0000	65
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.279	7.279	(1.119)	107069	50.0000	36
50 4-Bromophenyl-phenylether	248	7.526	7.526	(0.947)	223336	50.0000	56
51 Hexachlorobenzene	284	7.585	7.585	(0.955)	222097	50.0000	52
112 Atrazine	200	7.720	7.720	(0.972)	187954	50.0000	57
14 Pentachlorophenol	266	7.785	7.785	(0.980)	73506	50.0000	32
* 83 Phenanthrene-d10	188	7.943	7.943	(1.000)	648307	40.0000	
52 Phenanthrene	178	7.967	7.967	(1.003)	928850	50.0000	49
53 Anthracene	178	8.014	8.014	(1.009)	902816	50.0000	47
54 Carbazole	167	8.184	8.184	(1.030)	757934	50.0000	49
55 Di-n-butylphthalate	149	8.561	8.561	(1.078)	1207593	50.0000	57
56 Fluoranthene	202	9.114	9.114	(1.147)	673400	50.0000	43
58 Benzidine	184	9.267	9.267	(1.167)	287291	50.0000	160
57 Pyrene	202	9.331	9.331	(0.887)	656890	50.0000	39
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.903)	479713	50.0000	40
59 Butylbenzylphthalate	149	10.008	10.008	(0.951)	361208	50.0000	46
109 2,3,7,8-TCDD (Screen)	320	10.078	10.078	(0.958)	1045	0.50000	0.56
60 3,3'-Dichlorobenzidine	252	10.514	10.514	(0.999)	210849	50.0000	61
61 Benzo(a)anthracene	228	10.514	10.514	(0.999)	591074	50.0000	47
* 81 Chrysene-d12	240	10.526	10.526	(1.000)	401737	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.614	10.614	(1.008)	498433	50.0000	48
62 Chrysene	228	10.555	10.555	(1.003)	582279	50.0000	52
64 Di-n-octylphthalate	149	11.343	11.343	(0.931)	818838	50.0000	27
65 Benzo(b)fluoranthene	252	11.725	11.725	(0.962)	772814	50.0000	43
66 Benzo(k)fluoranthene	252	11.761	11.761	(0.965)	808055	50.0000	40
67 Benzo(a)pyrene	252	12.114	12.114	(0.994)	737586	50.0000	51
* 84 Perylene-d12	264	12.184	12.184	(1.000)	600864	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.514	13.514	(1.109)	976373	50.0000	81
69 Dibenz(a,h)anthracene	278	13.543	13.543	(1.111)	939678	50.0000	75
70 Benzo(g,h,i)perylene	276	13.831	13.831	(1.135)	974723	50.0000	76

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20108.d
 Report Date: 16-Oct-2011 14:57

TestAmerica

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20108.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 10-OCT-2011 11:52
 Operator : BNAMS3
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm BNA4589
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/BNADFTPP.m
 Meth Date : 16-Oct-2011 14:46 czhao
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.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 #:				
4.241	4.147	0.094	198	55157			0.00- 100.00		100.00
4.241	4.147	0.094	51	19702			30.00- 60.00		35.72
4.241	4.147	0.094	68	0			0.00- 2.00		0.00
4.241	4.147	0.094	69	25633			0.00- 0.00		46.47
4.241	4.147	0.094	70	0			0.00- 2.00		0.00
4.241	4.147	0.094	127	24589			40.00- 60.00		44.58
4.241	4.147	0.094	197	0			0.00- 1.00		0.00
4.241	4.147	0.094	199	3304			5.00- 9.00		5.99
4.241	4.147	0.094	275	14633			10.00- 30.00		26.53
4.241	4.147	0.094	365	2192			1.00- 0.00		3.97
4.241	4.147	0.094	441	4854			0.01- 100.00		77.63
4.241	4.147	0.094	442	33792			40.00- 110.00		61.27
4.241	4.147	0.094	443	6253			17.00- 23.00		18.50

Data File: p20108.d

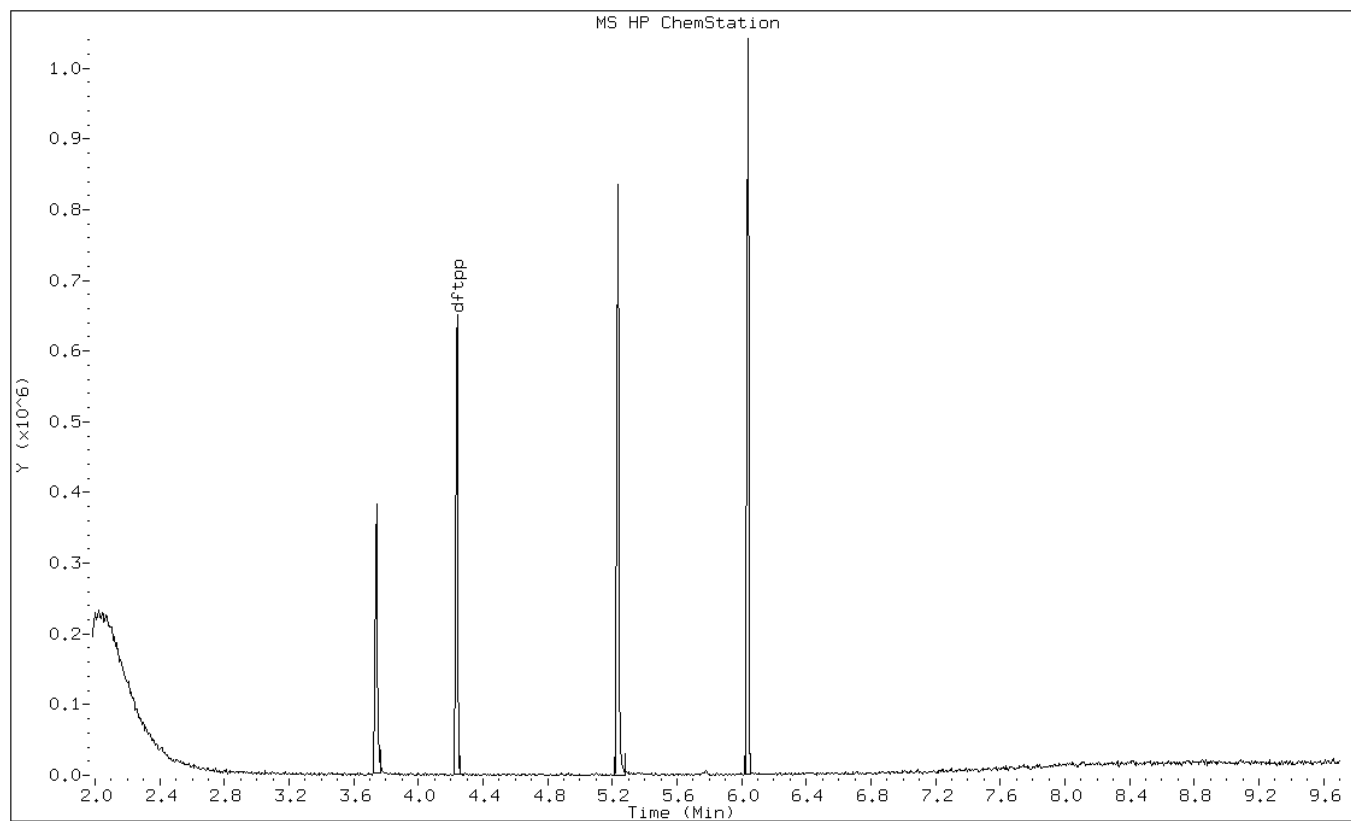
Date: 10-OCT-2011 11:52

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3



Data File: p20108.d

Date: 10-OCT-2011 11:52

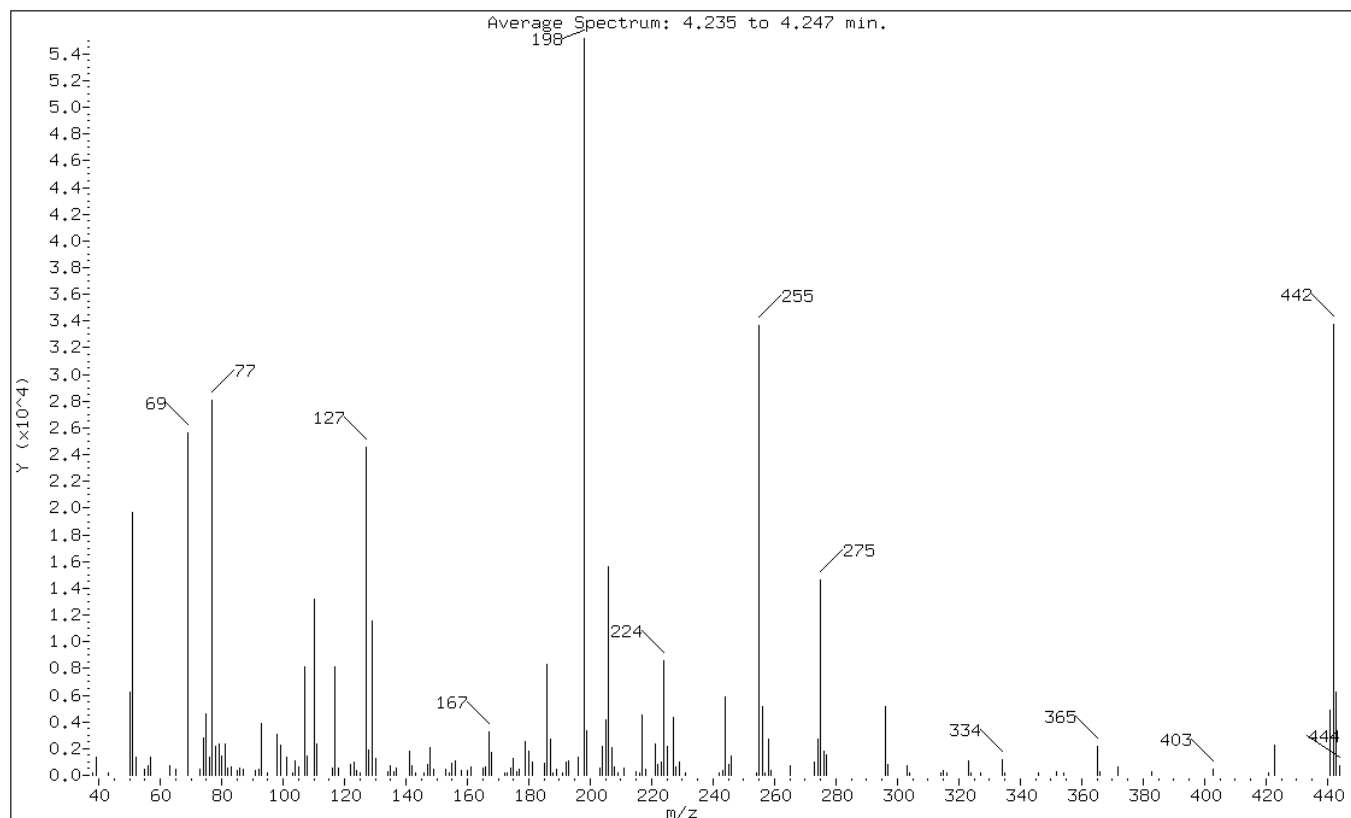
Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.72
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	46.47
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	44.58
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	5.99
275	10.00 - 30.00% of mass 198	26.53
365	Greater than 1.00% of mass 198	3.97
441	0.01 - 100.00% of mass 443	8.80 (77.63)
442	40.00 - 110.00% of mass 198	61.27
443	17.00 - 23.00% of mass 442	11.34 (18.50)

Data File: p20108.d

Date: 10-OCT-2011 11:52

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b/p20108.d

Spectrum: Average Spectrum: 4.235 to 4.247 min.

Location of Maximum: 198.00

Number of points: 157

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	210	116.00	504	180.00	1819	255.00	33664
39.00	1353	117.00	8168	181.00	959	256.00	5161
43.00	192	118.00	515	185.00	924	257.00	192
50.00	6229	122.00	823	186.00	8313	258.00	2708
51.00	19696	123.00	994	187.00	2745	259.00	345
52.00	1352	124.00	365	188.00	171	265.00	718
55.00	485	125.00	222	189.00	446	273.00	1011
56.00	727	127.00	24584	191.00	172	274.00	2686
57.00	1340	128.00	1920	192.00	975	275.00	14633
63.00	753	129.00	11599	193.00	1113	276.00	1783
65.00	451	130.00	1240	196.00	1326	277.00	1556
69.00	25632	134.00	239	198.00	55152	296.00	5163
73.00	437	135.00	755	199.00	3304	297.00	772
74.00	2799	136.00	227	203.00	540	303.00	704
75.00	4631	137.00	543	204.00	2202	304.00	170
76.00	1356	141.00	1775	205.00	4121	314.00	186
77.00	28032	142.00	687	206.00	15608	315.00	322
78.00	2149	143.00	219	207.00	2036	316.00	211
79.00	2348	146.00	171	208.00	632	323.00	1125
80.00	1456	147.00	834	209.00	191	324.00	185
81.00	2364	148.00	2063	211.00	502	327.00	170
82.00	540	149.00	418	215.00	231	334.00	1129
83.00	595	153.00	487	216.00	191	335.00	210
85.00	396	154.00	173	217.00	4490	346.00	225
86.00	529	155.00	867	218.00	423	352.00	274
87.00	409	156.00	1073	221.00	2391	354.00	223
91.00	398	158.00	340	222.00	821	365.00	2192
92.00	419	160.00	404	223.00	985	366.00	255
93.00	3912	161.00	593	224.00	8542	372.00	676
95.00	168	165.00	564	225.00	2140	383.00	230
98.00	3040	166.00	606	227.00	4361	403.00	433
99.00	2219	167.00	3281	228.00	663	421.00	207
101.00	1326	168.00	1714	229.00	976	423.00	2254
103.00	195	172.00	203	231.00	182	441.00	4854
104.00	1072	173.00	211	242.00	184	442.00	33792
105.00	664	174.00	549	243.00	377	443.00	6253
107.00	8164	175.00	1225	244.00	5843	444.00	719
108.00	1460	176.00	240	245.00	793		
110.00	13161	177.00	460	246.00	1453		
111.00	2353	179.00	2531	254.00	176		

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20304.d
 Report Date: 16-Oct-2011 15:13

TestAmerica

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20304.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 16-OCT-2011 13:45
 Operator : BNAMS3
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm BNA4589
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/BNADFTPP.m
 Meth Date : 16-Oct-2011 14:46 czhao
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.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 #:				
4.147	4.147	0.000	198	47469			0.00- 100.00	100.00	
4.147	4.147	0.000	51	18125			30.00- 60.00	38.18	
4.147	4.147	0.000	68	0			0.00- 2.00	0.00	
4.147	4.147	0.000	69	22458			0.00- 0.00	47.31	
4.147	4.147	0.000	70	0			0.00- 2.00	0.00	
4.147	4.147	0.000	127	22645			40.00- 60.00	47.70	
4.147	4.147	0.000	197	0			0.00- 1.00	0.00	
4.147	4.147	0.000	199	3157			5.00- 9.00	6.65	
4.147	4.147	0.000	275	12680			10.00- 30.00	26.71	
4.147	4.147	0.000	365	2918			1.00- 0.00	6.15	
4.147	4.147	0.000	441	3560			0.01- 100.00	62.25	
4.147	4.147	0.000	442	29074			40.00- 110.00	61.25	
4.147	4.147	0.000	443	5719			17.00- 23.00	19.67	

Data File: p20304.d

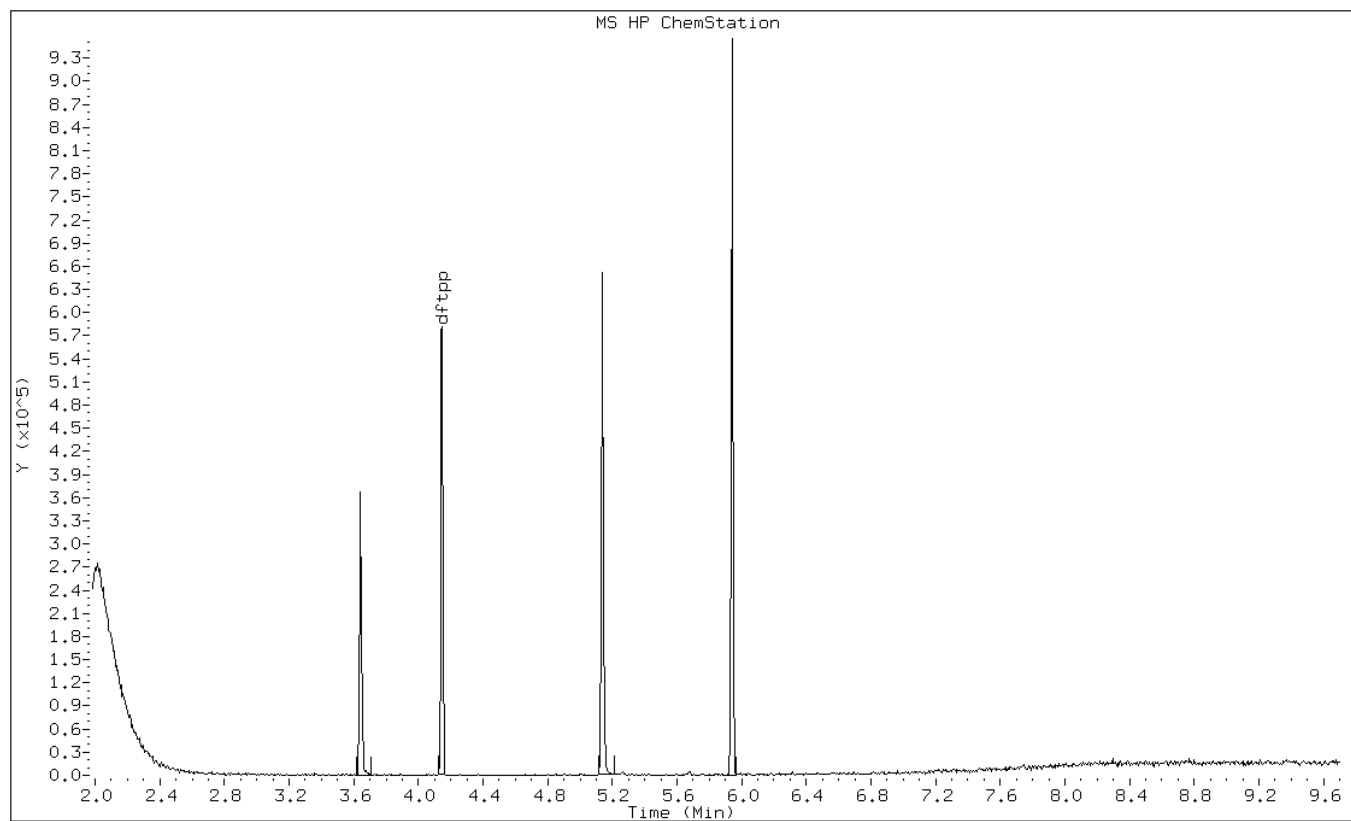
Date: 16-OCT-2011 13:45

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3



Data File: p20304.d

Date: 16-OCT-2011 13:45

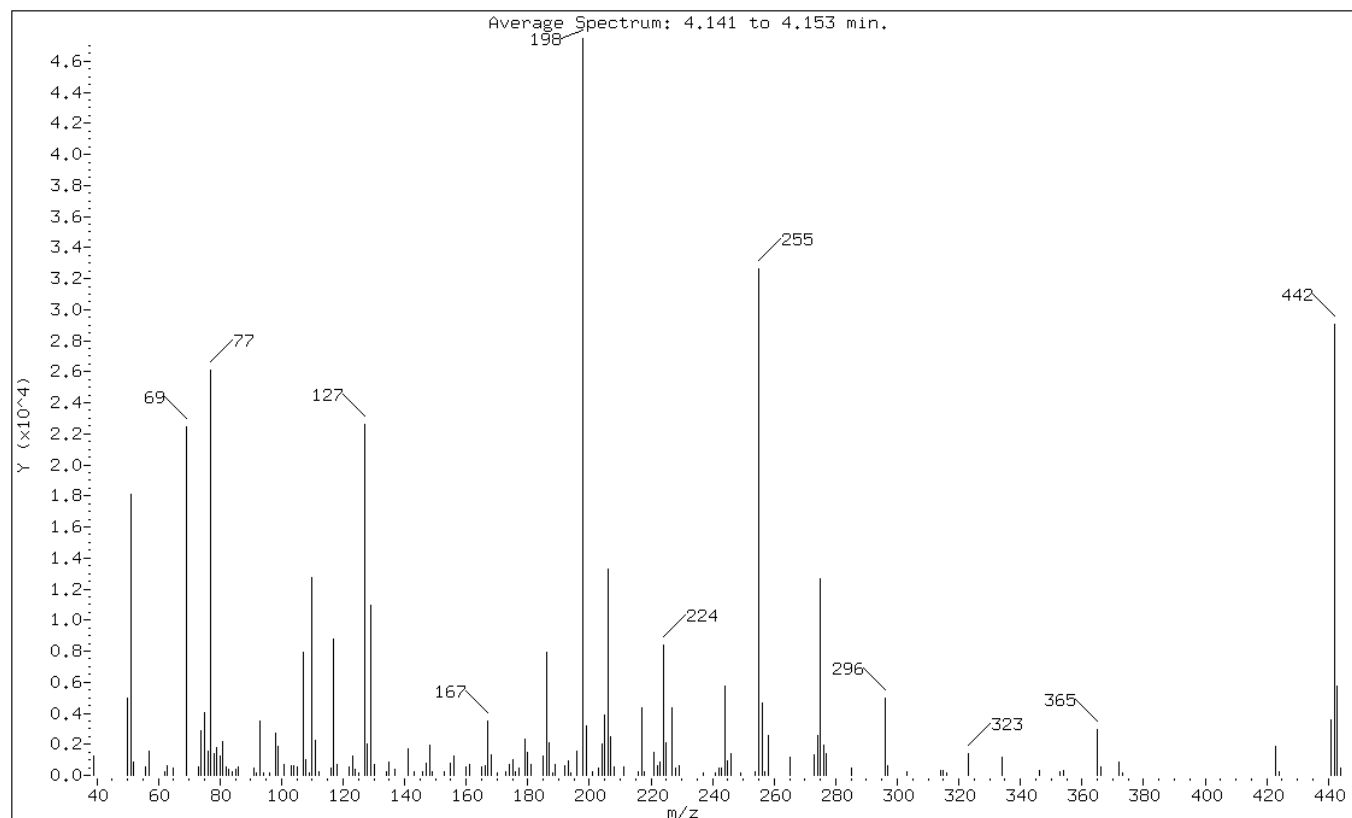
Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.18
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	47.31
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.70
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.65
275	10.00 - 30.00% of mass 198	26.71
365	Greater than 1.00% of mass 198	6.15
441	0.01 - 100.00% of mass 443	7.50 (62.25)
442	40.00 - 110.00% of mass 198	61.25
443	17.00 - 23.00% of mass 442	12.05 (19.67)

Data File: p20304.d

Date: 16-OCT-2011 13:45

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20304.d
Spectrum: Average Spectrum: 4.141 to 4.153 min.
Location of Maximum: 198.00
Number of points: 150

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1276	110.00	12721	179.00	2293	245.00	904
50.00	4996	111.00	2252	180.00	1465	246.00	1407
51.00	18120	112.00	264	181.00	719	249.00	168
52.00	821	116.00	470	185.00	1248	254.00	267
56.00	543	117.00	8752	186.00	7941	255.00	32632
57.00	1565	118.00	690	187.00	2074	256.00	4668
62.00	225	122.00	554	188.00	168	257.00	204
63.00	645	123.00	1233	189.00	670	258.00	2594
65.00	500	124.00	357	192.00	586	265.00	1169
69.00	22456	125.00	170	193.00	942	273.00	1297
73.00	534	127.00	22640	194.00	168	274.00	2536
74.00	2895	128.00	2056	196.00	1542	275.00	12680
75.00	4047	129.00	10989	198.00	47464	276.00	1911
76.00	1563	130.00	714	199.00	3157	277.00	1376
77.00	26120	134.00	239	201.00	244	285.00	433
78.00	1394	135.00	878	203.00	457	296.00	4959
79.00	1815	137.00	427	204.00	1993	297.00	648
80.00	1254	141.00	1716	205.00	3907	303.00	200
81.00	2173	143.00	228	206.00	13317	314.00	285
82.00	516	146.00	245	207.00	2470	315.00	276
83.00	415	147.00	802	208.00	546	316.00	170
84.00	234	148.00	1942	211.00	554	323.00	1377
85.00	402	149.00	226	216.00	221	334.00	1128
86.00	574	153.00	226	217.00	4314	346.00	322
91.00	484	155.00	774	218.00	226	353.00	196
92.00	189	156.00	1234	221.00	1484	354.00	302
93.00	3482	160.00	551	222.00	592	365.00	2918
94.00	179	161.00	700	223.00	823	366.00	535
96.00	176	165.00	542	224.00	8371	372.00	863
98.00	2738	166.00	644	225.00	2105	373.00	185
99.00	1882	167.00	3488	227.00	4384	423.00	1850
101.00	734	168.00	1306	228.00	487	424.00	216
103.00	639	170.00	168	229.00	590	441.00	3560
104.00	634	173.00	255	237.00	171	442.00	29072
105.00	573	174.00	672	241.00	167	443.00	5719
107.00	7935	175.00	1023	242.00	446	444.00	469
108.00	1021	176.00	209	243.00	440		
109.00	182	177.00	435	244.00	5739		

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 Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
1 dftpp					CAS #:				
4.624	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

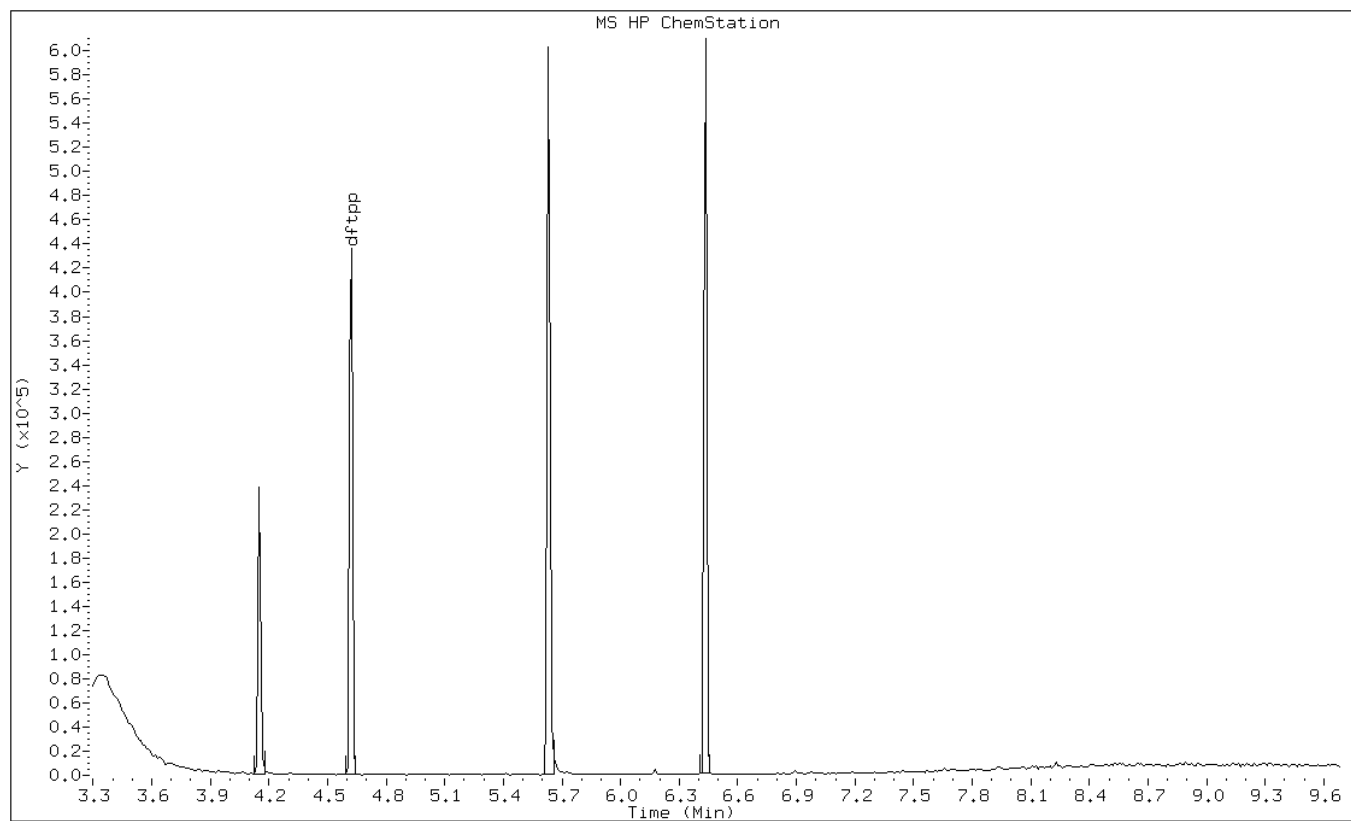
Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10237.d

Date: 26-SEP-2011 10:44

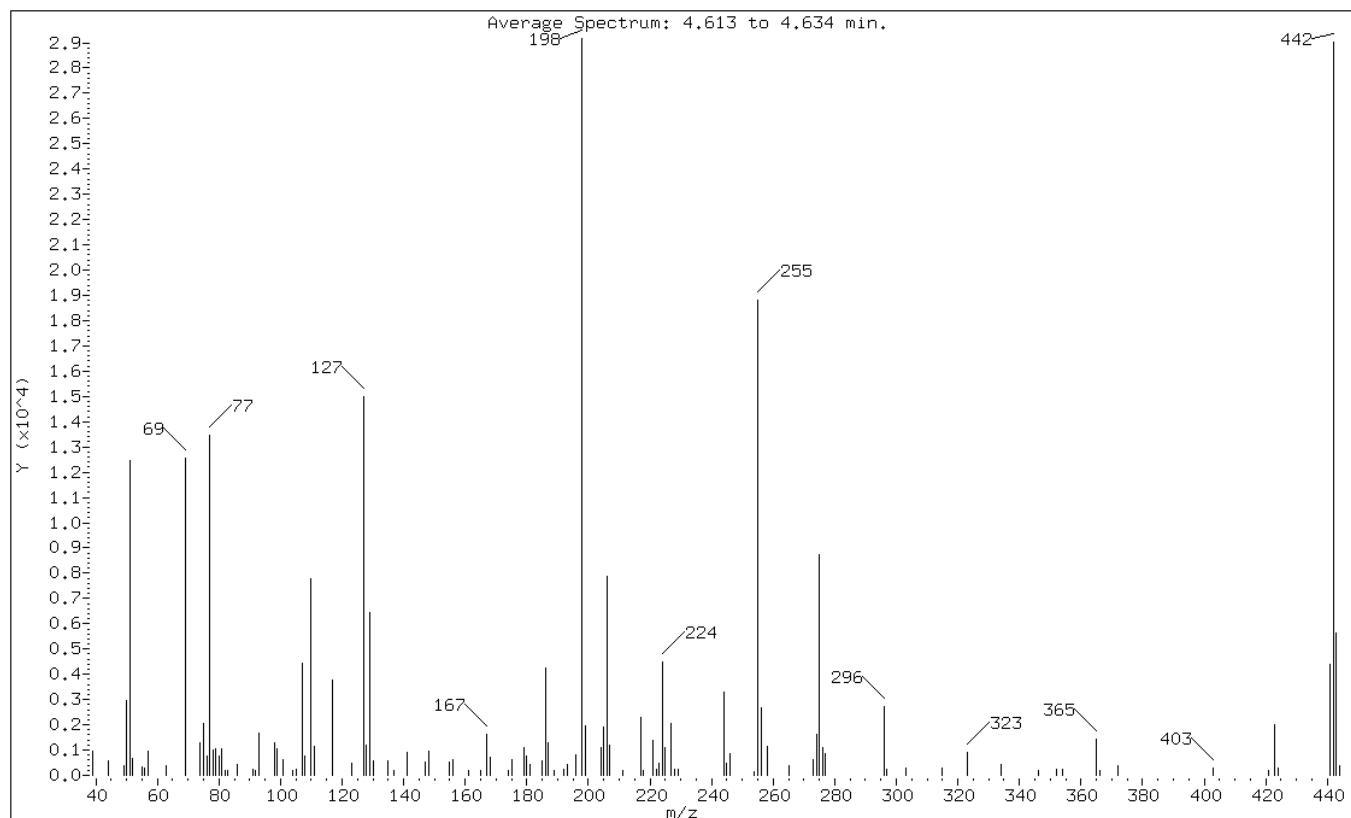
Client ID:

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/13oct11c.b/z10788.d
Report Date: 14-Oct-2011 01:02

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10788.d
Lab Smp Id: DFTPP-1175410
Inj Date : 14-OCT-2011 00:00
Operator : BNA2
Smp Info : DFTPP-1175410
Misc Info : 25 ppm dftpp bna 4589
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/DFTPP8270DEL.m
Meth Date : 13-Oct-2011 10:35 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 #:				
4.282	4.282	0.000	198	36579			0.00- 100.00		100.00
4.282	4.282	0.000	51	16666			30.00- 60.00		45.56
4.282	4.282	0.000	68	0			0.00- 2.00		0.00
4.282	4.282	0.000	69	15661			0.00- 0.00		42.81
4.282	4.282	0.000	70	0			0.00- 2.00		0.00
4.282	4.282	0.000	127	18902			40.00- 60.00		51.67
4.282	4.282	0.000	197	0			0.00- 1.00		0.00
4.282	4.282	0.000	199	2378			5.00- 9.00		6.50
4.282	4.282	0.000	275	10658			10.00- 30.00		29.14
4.282	4.282	0.000	365	1668			1.00- 0.00		4.56
4.282	4.282	0.000	441	4751			0.01- 100.00		77.82
4.282	4.282	0.000	442	32141			40.00- 110.00		87.87
4.282	4.282	0.000	443	6105			17.00- 23.00		18.99

Data File: z10788.d

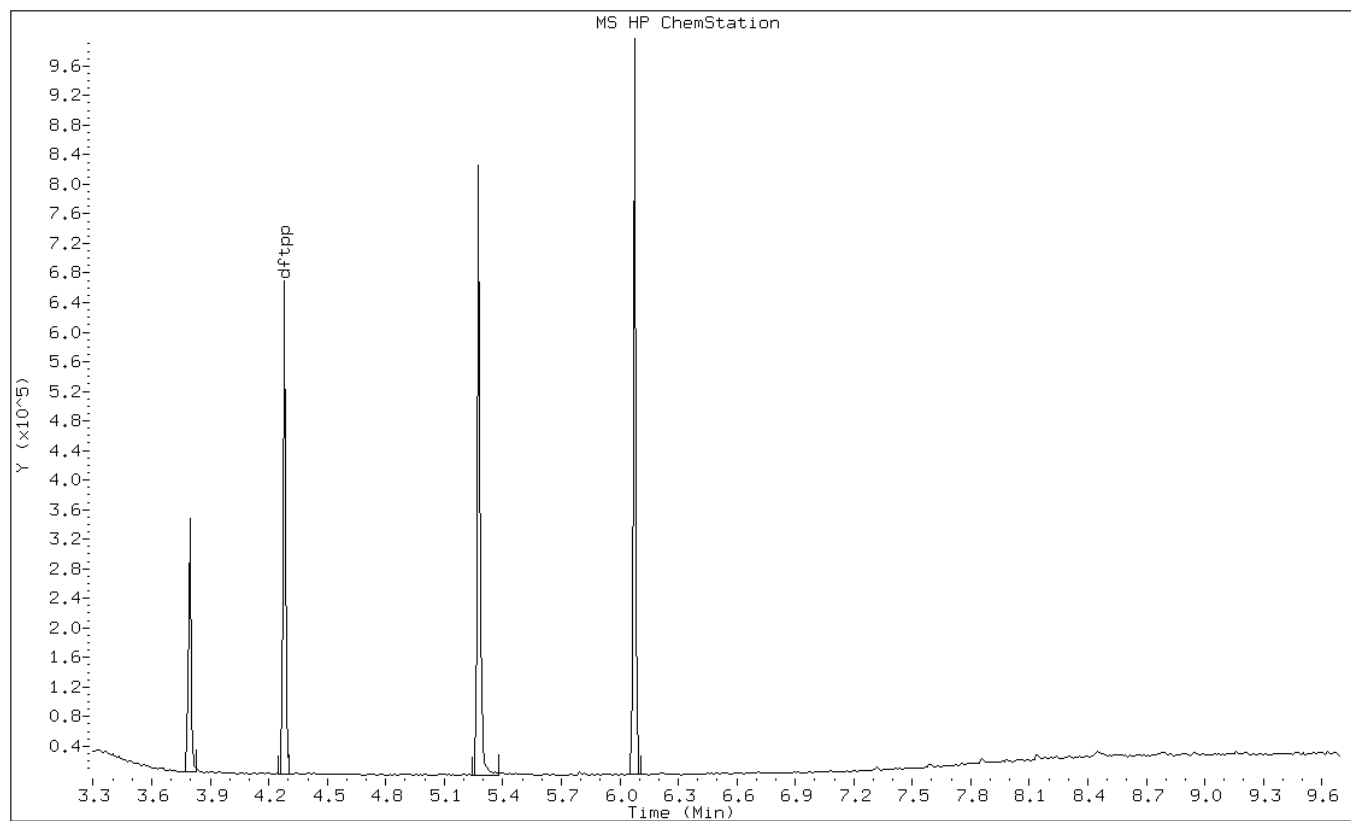
Date: 14-OCT-2011 00:00

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: z10788.d

Date: 14-OCT-2011 00:00

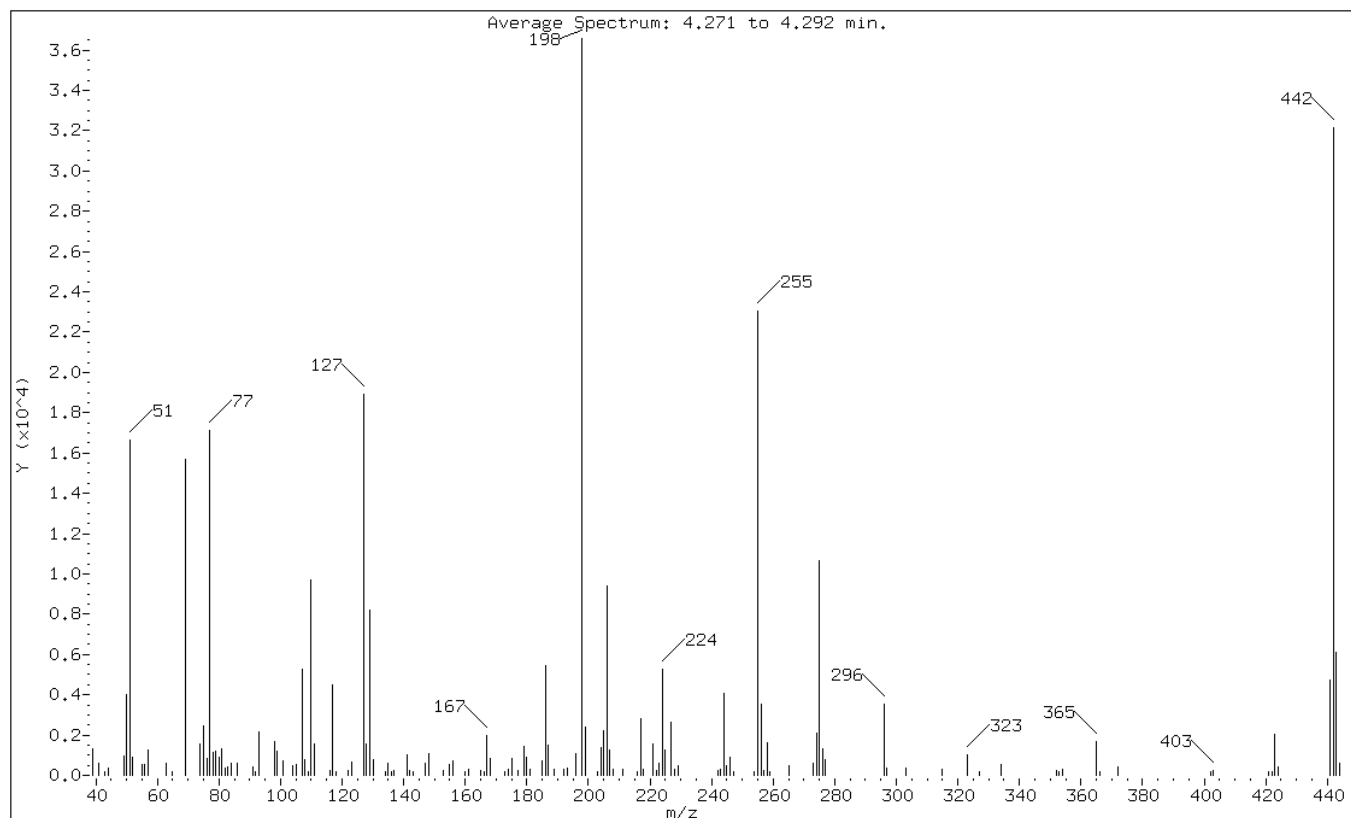
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

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	45.56
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	42.81
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.67
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	29.14
365	Greater than 1.00% of mass 198	4.56
441	0.01 - 100.00% of mass 443	12.99 (77.82)
442	40.00 - 110.00% of mass 198	87.87
443	17.00 - 23.00% of mass 442	16.69 (18.99)

Data File: z10788.d

Date: 14-OCT-2011 00:00

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10788.d

Spectrum: Average Spectrum: 4.271 to 4.292 min.

Location of Maximum: 198.00

Number of points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1324	109.00	168	181.00	286	256.00	3504
41.00	598	110.00	9675	185.00	719	257.00	247
43.00	168	111.00	1538	186.00	5421	258.00	1600
44.00	360	116.00	240	187.00	1498	259.00	206
49.00	960	117.00	4499	189.00	273	265.00	482
50.00	4025	118.00	206	192.00	322	273.00	574
51.00	16664	122.00	220	193.00	346	274.00	2093
52.00	900	123.00	651	196.00	1058	275.00	10658
55.00	566	127.00	18896	198.00	36576	276.00	1324
56.00	561	128.00	1564	199.00	2378	277.00	789
57.00	1275	129.00	8196	203.00	209	296.00	3523
63.00	627	130.00	749	204.00	1385	297.00	373
65.00	174	134.00	176	205.00	2187	303.00	345
69.00	15661	135.00	618	206.00	9423	315.00	305
74.00	1549	136.00	180	207.00	1241	323.00	1019
75.00	2457	137.00	215	208.00	296	327.00	173
76.00	854	141.00	1006	211.00	283	334.00	549
77.00	17096	142.00	218	216.00	183	352.00	232
78.00	1156	143.00	175	217.00	2843	353.00	169
79.00	1191	147.00	577	218.00	281	354.00	292
80.00	917	148.00	1076	221.00	1585	365.00	1668
81.00	1317	153.00	239	222.00	259	366.00	191
82.00	344	155.00	523	223.00	611	372.00	420
83.00	431	156.00	741	224.00	5293	402.00	176
84.00	589	160.00	204	225.00	1272	403.00	249
86.00	580	161.00	298	227.00	2625	421.00	207
91.00	445	165.00	222	228.00	315	422.00	176
92.00	195	166.00	207	229.00	469	423.00	2035
93.00	2170	167.00	1962	242.00	230	424.00	442
98.00	1660	168.00	814	243.00	277	441.00	4751
99.00	1215	173.00	178	244.00	4097	442.00	32136
101.00	712	174.00	287	245.00	466	443.00	6105
104.00	464	175.00	816	246.00	901	444.00	581
105.00	521	177.00	269	247.00	171		
107.00	5257	179.00	1447	254.00	192		
108.00	786	180.00	910	255.00	23048		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-89103/1-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20307.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/16/2011 16:33</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>89864</u>	Units: <u>ug/Kg</u>

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.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-89103/1-A

Matrix: Solid Lab File ID: p20307.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/11/2011 15:18

Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:33

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89864 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.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89103/1-A
Matrix: Solid Lab File ID: p20307.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:33
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	50		10-120
321-60-8	2-Fluorobiphenyl	64		40-109
367-12-4	2-Fluorophenol (Surr)	73		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	69		38-105
4165-62-2	Phenol-d5 (Surr)	73		41-118
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89103/1-A
Matrix: Solid Lab File ID: p20307.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:33
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg
Number TICs Found: 1 TIC Result Total: 4020

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.97	4020	A J

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20307.d
 Report Date: 19-Oct-2011 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20307.d
 Lab Smp Id: MB 460-89103/1-A
 Inj Date : 16-OCT-2011 16:33
 Operator : BNAMS 4
 Smp Info : MB 460-89103/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE
 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	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	2.277	2.266	(0.633)	1053934	72.5161	4800
\$ 17 Phenol-d5 (SUR)		99	3.259	3.271	(0.905)	1271967	72.8531	4800
* 79 1,4-Dichlorobenzene-d4		152	3.599	3.606	(1.000)	524839	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.240	4.252	(0.844)	679306	34.5186	2300
* 80 Naphthalene-d8		136	5.021	5.027	(1.000)	1729287	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	6.179	6.185	(0.905)	1095909	32.1348	2100
* 82 Acenaphthene-d10		164	6.825	6.831	(1.000)	962827	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.607	7.613	(1.114)	203298	50.4483	3400
* 83 Phenanthrene-d10		188	8.276	8.283	(1.000)	1291754	40.0000	
\$ 78 Terphenyl-d14		244	9.857	9.863	(0.908)	819236	36.2325	2400
* 81 Chrysene-d12		240	10.856	10.862	(1.000)	851846	40.0000	
* 84 Perylene-d12		264	12.466	12.472	(1.000)	597613	40.0000	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20307.d
 Report Date: 19-Oct-2011 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20307.d
 Lab Smp Id: MB 460-89103/1-A
 Inj Date : 16-OCT-2011 16:33
 Operator : BNAMS 4
 Smp Info : MB 460-89103/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 4 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE
 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	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.599	3529301	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate					CAS #:		
1.972	5321857	60.3162599	4000	0		0	79(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: p20307.d

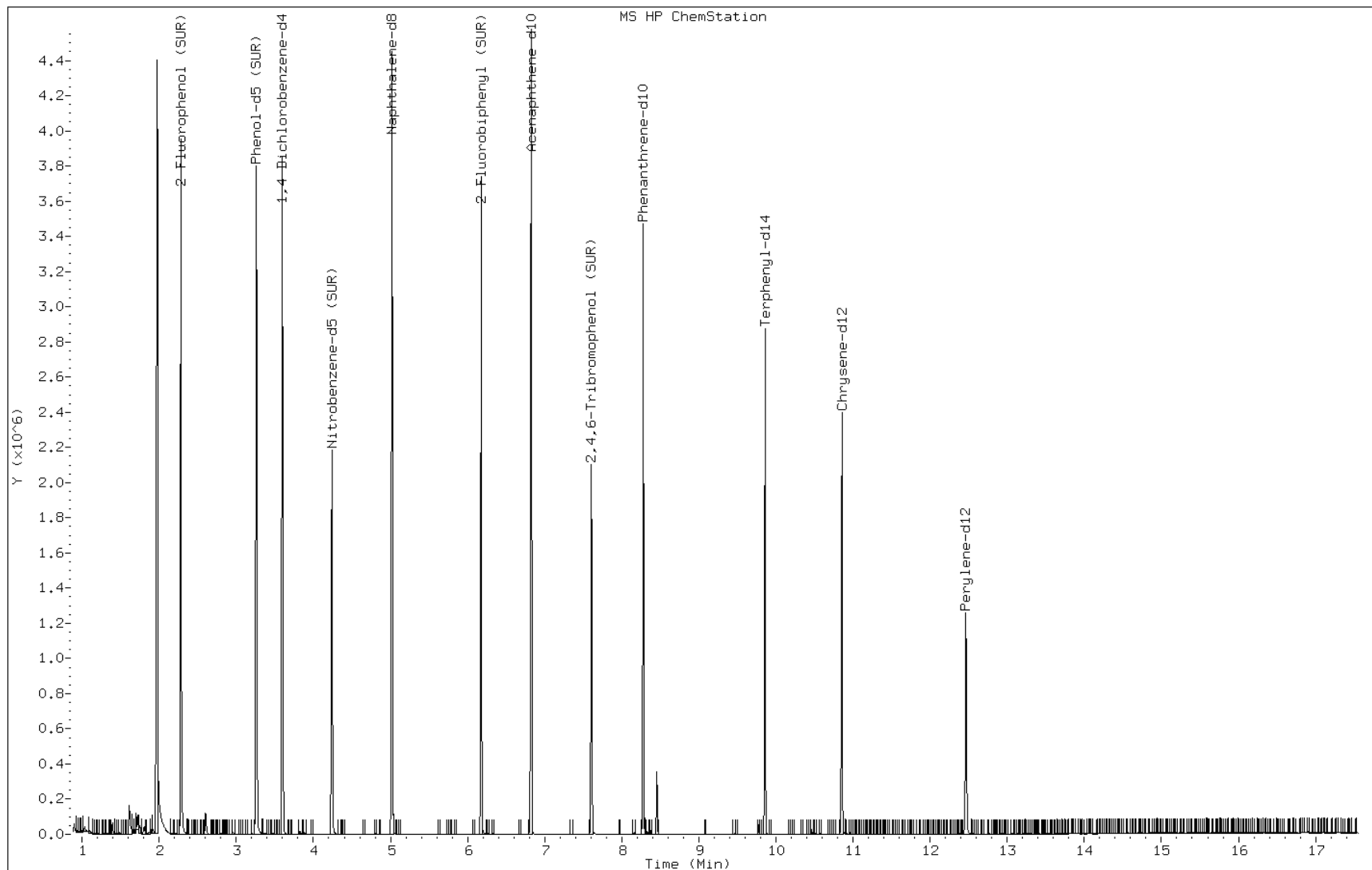
Date: 16-OCT-2011 16:33

Client ID:

Instrument: BNAMS10.i

Sample Info: MB 460-89103/1-A

Operator: BNAMS 4



Data File: p20307.d

Date: 16-OCT-2011 16:33

Client ID:

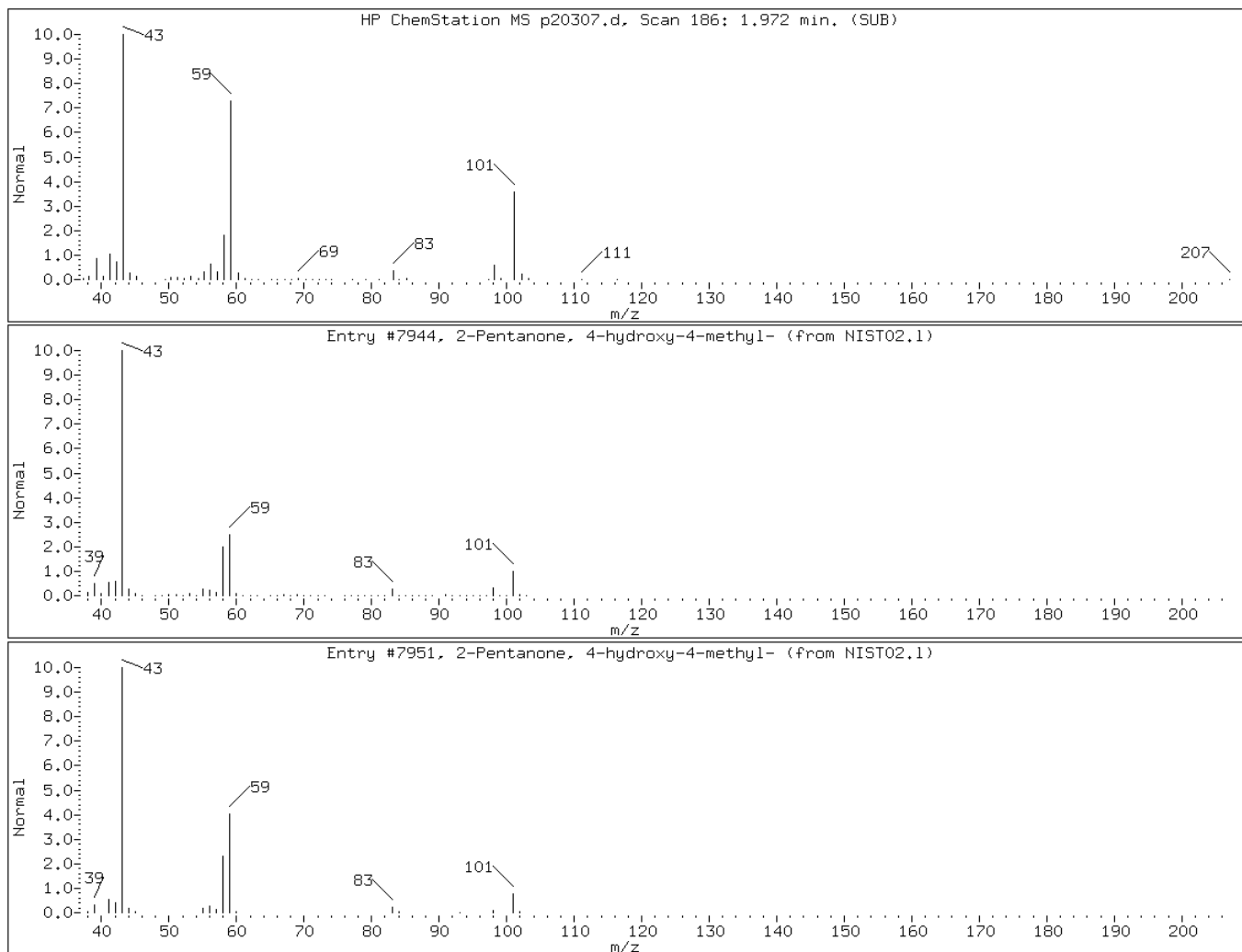
Instrument: BNAMS10.i

Sample Info: MB 460-89103/1-A

Operator: BNAMS 4

Retention Time: 1.97

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
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7951	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-89256/1-A

Matrix: Solid Lab File ID: z10791.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/12/2011 15:52

Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 01:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89651 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.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-89256/1-A

Matrix: Solid Lab File ID: z10791.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/12/2011 15:52

Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 01:37

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89651 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.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89256/1-A
Matrix: Solid Lab File ID: z10791.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 01:37
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	67		10-120
321-60-8	2-Fluorobiphenyl	73		40-109
367-12-4	2-Fluorophenol (Surr)	73		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	74		41-118
1718-51-0	Terphenyl-d14 (Surr)	82		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89256/1-A
Matrix: Solid Lab File ID: z10791.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 01:37
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg
Number TICs Found: 1 TIC Result Total: 5950

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	1.99	5950	A J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10791.d
 Report Date: 15-Oct-2011 11:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10791.d
 Lab Smp Id: MB 460-89256/1-A
 Inj Date : 14-OCT-2011 01:37
 Operator : BNAMS 4
 Smp Info : MB 460-89256/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa
 Cal Date : 14-OCT-2011 00:28
 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: z10789.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	2.261	2.220	(0.656)	1452491	73.0135	4900
\$ 17 Phenol-d5 (SUR)		99	3.126	3.132	(0.906)	1740967	73.5798	4900
* 79 1,4-Dichlorobenzene-d4		152	3.450	3.450	(1.000)	574531	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.020	4.038	(0.846)	884916	39.6902	2600
* 80 Naphthalene-d8		136	4.749	4.755	(1.000)	2140874	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	5.849	5.855	(0.900)	1400840	36.3024	2400
* 82 Acenaphthene-d10		164	6.496	6.502	(1.000)	1048088	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.273	7.279	(1.119)	302901	66.7656	4400
* 83 Phenanthrene-d10		188	7.937	7.937	(1.000)	1338719	40.0000	
\$ 78 Terphenyl-d14		244	9.508	9.508	(0.904)	836817	40.8180	2700
* 81 Chrysene-d12		240	10.520	10.526	(1.000)	668445	40.0000	
* 84 Perylene-d12		264	12.172	12.173	(1.000)	535964	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10791.d
Report Date: 15-Oct-2011 11:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10791.d
Lab Smp Id: MB 460-89256/1-A
Inj Date : 14-OCT-2011 01:37
Operator : BNAMS 4
Smp Info : MB 460-89256/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
Meth Date : 14-Oct-2011 01:03 asfawa
Cal Date : 14-OCT-2011 00:28
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: z10789.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

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.450	3799988	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate							
1.991	8477469	89.2367903	5900	0		0	79

Data File: z10791.d

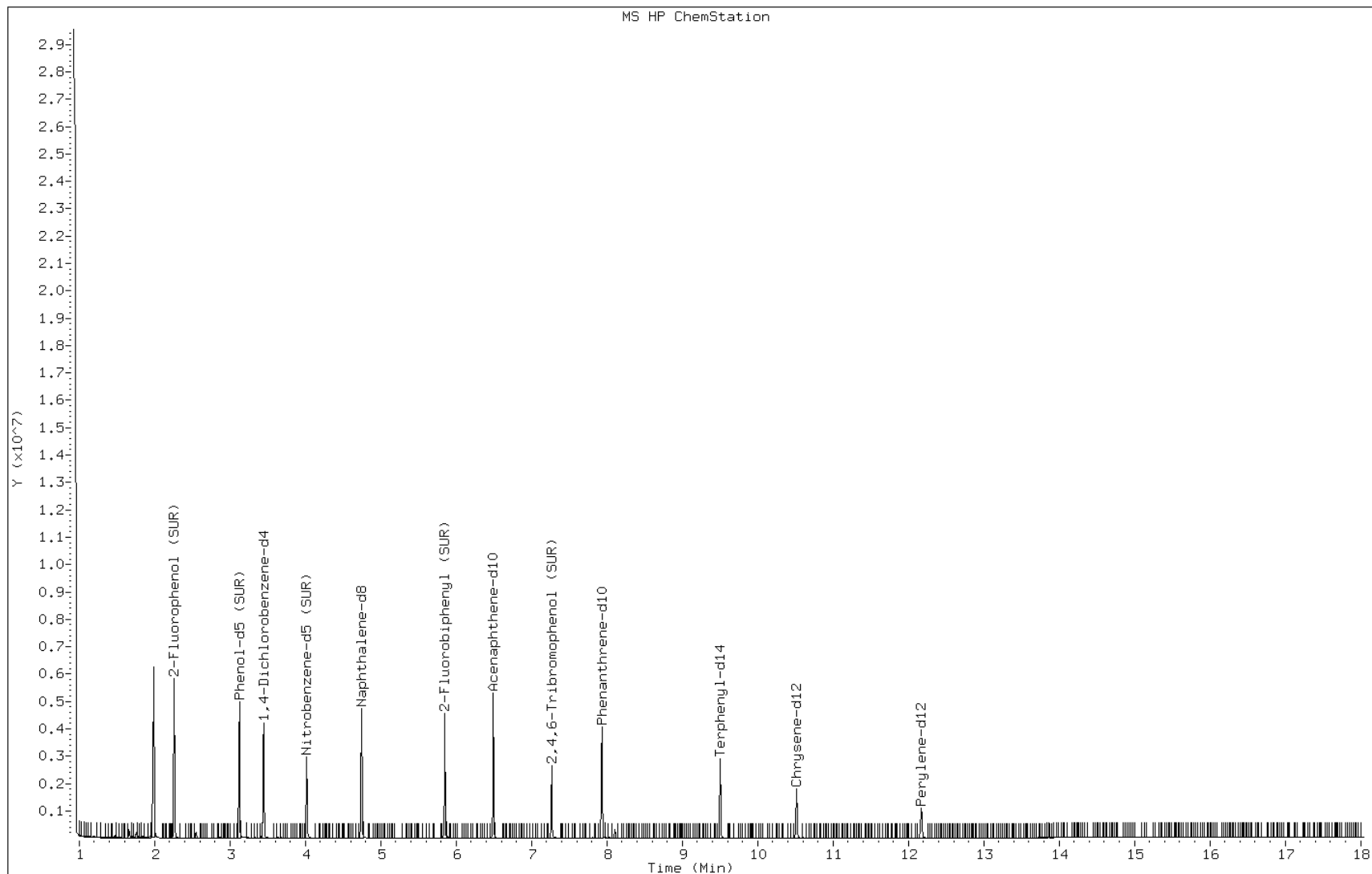
Date: 14-OCT-2011 01:37

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-89256/1-A

Operator: BNAMS 4



Data File: z10791.d

Date: 14-OCT-2011 01:37

Client ID:

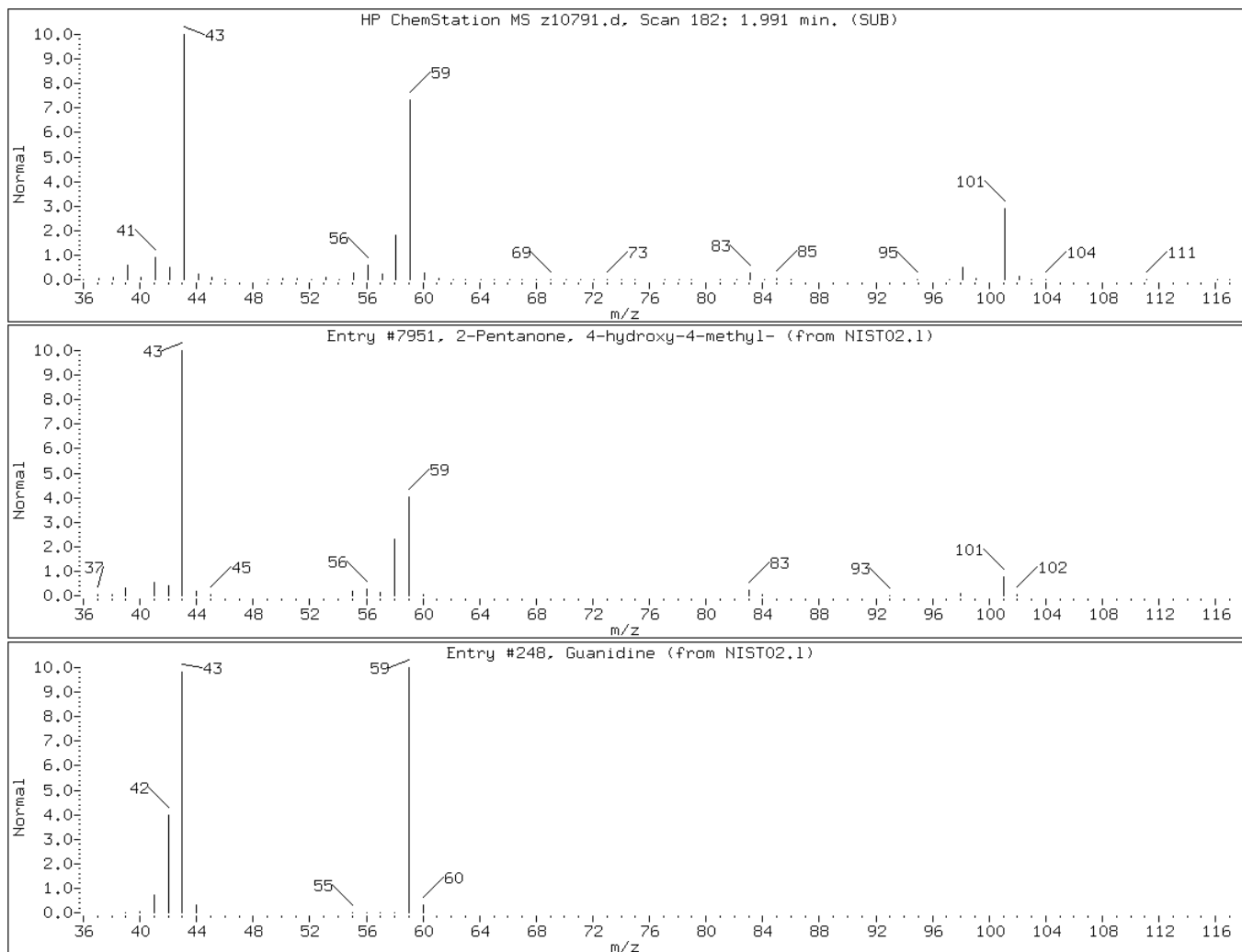
Instrument: BNAMS11.i

Sample Info: MB 460-89256/1-A

Operator: BNAMS 4

Retention Time: 1.99

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	7951	56	C6H12O2	116
Guanidine	113-00-8	NIST02.1	248	50	CH5N3	59



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89103/2-A

Matrix: Solid Lab File ID: p20306.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/11/2011 15:18

Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2150		330	21
108-95-2	Phenol	5670		330	41
111-44-4	Bis(2-chloroethyl)ether	2580		33	6.9
95-57-8	2-Chlorophenol	5680		330	44
95-48-7	2-Methylphenol	5960		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2810		330	43
98-86-2	Acetophenone	2810		330	49
106-44-5	4-Methylphenol	5800		330	54
621-64-7	N-Nitrosodi-n-propylamine	2930		33	4.4
67-72-1	Hexachloroethane	2530		33	5.6
98-95-3	Nitrobenzene	2540		33	7.4
78-59-1	Isophorone	2850		330	38
88-75-5	2-Nitrophenol	5490		330	54
105-67-9	2,4-Dimethylphenol	5440		330	53
111-91-1	Bis(2-chloroethoxy)methane	2630		330	47
120-83-2	2,4-Dichlorophenol	5620		330	53
91-20-3	Naphthalene	2570		330	48
106-47-8	4-Chloroaniline	2010		330	42
87-68-3	Hexachlorobutadiene	2520		67	13
105-60-2	Caprolactam	2140		330	45
59-50-7	4-Chloro-3-methylphenol	5950		330	56
91-57-6	2-Methylnaphthalene	2630		330	48
77-47-4	Hexachlorocyclopentadiene	2380		330	97
88-06-2	2,4,6-Trichlorophenol	5350		330	59
95-95-4	2,4,5-Trichlorophenol	5700		330	64
92-52-4	1,1'-Biphenyl	2630		330	55
91-58-7	2-Chloronaphthalene	2480		330	47
88-74-4	2-Nitroaniline	3270		670	91
131-11-3	Dimethyl phthalate	2720		330	45
606-20-2	2,6-Dinitrotoluene	2550		67	8.4
208-96-8	Acenaphthylene	2560		330	47
99-09-2	3-Nitroaniline	2300		670	75
83-32-9	Acenaphthene	2620		330	47
51-28-5	2,4-Dinitrophenol	1250		1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89103/2-A

Matrix: Solid Lab File ID: p20306.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/11/2011 15:18

Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:07

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5420		1000	85
132-64-9	Dibenzofuran	2620		330	50
121-14-2	2,4-Dinitrotoluene	2850		67	9.7
84-66-2	Diethyl phthalate	2730		330	44
86-73-7	Fluorene	2700		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2640		330	57
100-01-6	4-Nitroaniline	2870		670	68
534-52-1	4,6-Dinitro-2-methylphenol	2490		1000	160
86-30-6	N-Nitrosodiphenylamine	2950		330	54
101-55-3	4-Bromophenyl phenyl ether	2680		330	59
118-74-1	Hexachlorobenzene	2740		33	4.6
1912-24-9	Atrazine	2730		330	62
87-86-5	Pentachlorophenol	4770		1000	160
85-01-8	Phenanthrene	2720		330	58
120-12-7	Anthracene	2670		330	58
86-74-8	Carbazole	2680		330	53
84-74-2	Di-n-butyl phthalate	2720		330	51
206-44-0	Fluoranthene	2760		330	55
129-00-0	Pyrene	2640		330	57
85-68-7	Butyl benzyl phthalate	2670		330	39
91-94-1	3,3'-Dichlorobenzidine	2310		670	73
56-55-3	Benzo[a]anthracene	2740		33	6.1
218-01-9	Chrysene	2790		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2630		330	44
117-84-0	Di-n-octyl phthalate	2660		330	39
205-99-2	Benzo[b]fluoranthene	2710		33	4.9
207-08-9	Benzo[k]fluoranthene	2840		33	4.6
50-32-8	Benzo[a]pyrene	2660		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2780		33	5.3
53-70-3	Dibenz(a,h)anthracene	2800		33	4.0
191-24-2	Benzo[g,h,i]perylene	2680		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-89103/2-A
Matrix: Solid Lab File ID: p20306.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.00(g) Date Analyzed: 10/16/2011 16:07
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	87		10-120
321-60-8	2-Fluorobiphenyl	76		40-109
367-12-4	2-Fluorophenol (Surr)	83		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	79		38-105
4165-62-2	Phenol-d5 (Surr)	84		41-118
1718-51-0	Terphenyl-d14 (Surr)	82		16-151

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20306.d
 Report Date: 19-Oct-2011 10:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20306.d
 Lab Smp Id: LCS 460-89103/2-A
 Inj Date : 16-OCT-2011 16:07
 Operator : BNAMS 4
 Smp Info : LCS 460-89103/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 3 QC Sample: BS
 Dil Factor: 1.00000
 Integrator: HP RTE
 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	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.020	0.956	(0.283)	180838	15.2465	1000
19 N-Nitrosodimethylamine	74	1.208	1.155	(0.335)	449259	35.4408	2400
71 Pyridine	79	1.226	1.179	(0.340)	630533	30.0686	2000
\$ 16 2-Fluorophenol (SUR)	112	2.283	2.266	(0.633)	1176185	83.1602	5500
110 Benzaldehyde	77	3.112	3.106	(0.863)	110826	32.2909	2200
\$ 17 Phenol-d5 (SUR)	99	3.270	3.271	(0.907)	1419687	83.5571	5600
1 Phenol	94	3.288	3.282	(0.912)	1472314	85.0460	5700
73 Aniline	93	3.247	3.241	(0.901)	685244	32.4147	2200
20 bis(2-Chloroethyl)ether	93	3.341	3.335	(0.927)	601918	38.6467	2600
2 2-Chlorophenol	128	3.376	3.376	(0.936)	1218860	85.1404	5700
113 n-decane	43	3.476	3.476	(0.964)	448893	34.5345	2300
21 1,3-Dichlorobenzene	146	3.535	3.535	(0.980)	779265	37.4160	2500
* 79 1,4-Dichlorobenzene-d4	152	3.605	3.606	(1.000)	510749	40.0000	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20306.d
 Report Date: 19-Oct-2011 10:22

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.623	3.623	(1.005)	785340	36.9779	2500
74 Benzyl Alcohol	108	3.799	3.805	(1.054)	405153	48.2746	3200
23 1,2-Dichlorobenzene	146	3.793	3.794	(1.052)	747962	37.8232	2500
3 2-Methylphenol	108	3.964	3.976	(1.099)	1109062	89.4677	6000
24 bis (2-chloroisopropyl) ether	45	3.958	3.964	(1.098)	503945	42.0767	2800
104 Acetophenone	105	4.093	4.099	(1.135)	854378	42.1656	2800
4 4-Methylphenol	108	4.158	4.158	(1.153)	1064864	86.9789	5800
121 3 & 4 Methylphenol	108	4.158	4.158	(1.153)	1064864	86.9789	5800
25 N-Nitroso-di-n-propylamine	70	4.117	4.123	(1.142)	481907	43.9625	2900
26 Hexachloroethane	117	4.169	4.175	(1.156)	302806	37.9334	2500
\$ 76 Nitrobenzene-d5 (SUR)	82	4.246	4.252	(0.845)	722414	39.5892	2600
107 N,N-Dimethylaniline	120	4.281	4.287	(1.187)	894257	38.8812	2600
27 Nitrobenzene	77	4.269	4.275	(0.849)	995503	38.0284	2500
28 Isophorone	82	4.563	4.552	(0.908)	1152384	42.7630	2800
5 2-Nitrophenol	139	4.628	4.628	(0.921)	682683	82.2822	5500
6 2,4-Dimethylphenol	122	4.739	4.740	(0.943)	999260	81.6407	5400
29 bis(2-Chloroethoxy)methane	93	4.827	4.828	(0.960)	629334	39.4977	2600
7 2,4-Dichlorophenol	162	4.910	4.910	(0.977)	1008296	84.3100	5600
30 1,2,4-Trichlorobenzene	180	4.980	4.980	(0.991)	601980	38.0080	2500
* 80 Naphthalene-d8	136	5.027	5.027	(1.000)	1603480	40.0000	
31 Naphthalene	128	5.051	5.051	(1.005)	1632602	38.5937	2600
32 4-Chloroaniline	127	5.139	5.139	(1.022)	423069	30.0965	2000
33 Hexachlorobutadiene	225	5.209	5.215	(1.036)	390978	37.7856	2500
111 Caprolactam	113	5.550	5.539	(1.104)	97914	32.1328	2100
8 4-Chloro-3-methylphenol	107	5.709	5.709	(1.136)	989916	89.2985	6000
34 2-Methylnaphthalene	142	5.785	5.785	(1.151)	1086628	39.4397	2600
120 1-Methylnaphthalene	142	5.879	5.885	(1.169)	10699	0.39083	26(a)
35 Hexachlorocyclopentadiene	237	5.961	5.968	(0.873)	347386	35.6459	2400
9 2,4,6-Trichlorophenol	196	6.102	6.103	(0.893)	707898	80.2342	5300
10 2,4,5-Trichlorophenol	196	6.144	6.144	(0.899)	745495	85.5061	5700
\$ 77 2-Fluorobiphenyl (SUR)	172	6.185	6.185	(0.905)	1183428	37.7790	2500
102 Diphenyl	154	6.273	6.273	(0.918)	1380572	39.5204	2600
36 2-Chloronaphthalene	162	6.279	6.279	(0.919)	1060506	37.2383	2500
103 Diphenyl Ether	170	6.385	6.385	(0.935)	738100	37.0213	2500
37 2-Nitroaniline	65	6.402	6.408	(0.937)	398757	49.0372	3300
38 Dimethylphthalate	163	6.614	6.614	(0.968)	1045032	40.7396	2700
40 2,6-Dinitrotoluene	165	6.661	6.661	(0.975)	237150	38.3024	2600
39 Acenaphthylene	152	6.684	6.684	(0.978)	1446302	38.3355	2600
41 3-Nitroaniline	138	6.819	6.819	(0.998)	186174	34.5641	2300
* 82 Acenaphthene-d10	164	6.831	6.831	(1.000)	884385	40.0000	
42 Acenaphthene	154	6.860	6.866	(1.004)	935956	39.2622	2600
11 2,4-Dinitrophenol	184	6.931	6.931	(1.015)	60080	18.7232	1200
12 4-Nitrophenol	65	7.048	7.043	(1.032)	402313	81.3742	5400
44 2,4-Dinitrotoluene	165	7.060	7.060	(1.034)	309313	42.7320	2800
43 Dibenzofuran	168	7.037	7.037	(1.030)	1340140	39.3266	2600
45 Diethylphthalate	149	7.325	7.319	(1.072)	968189	40.9099	2700
46 4-Chlorophenyl-phenylether	204	7.395	7.395	(1.083)	561441	39.6200	2600

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20306.d
Report Date: 19-Oct-2011 10:22

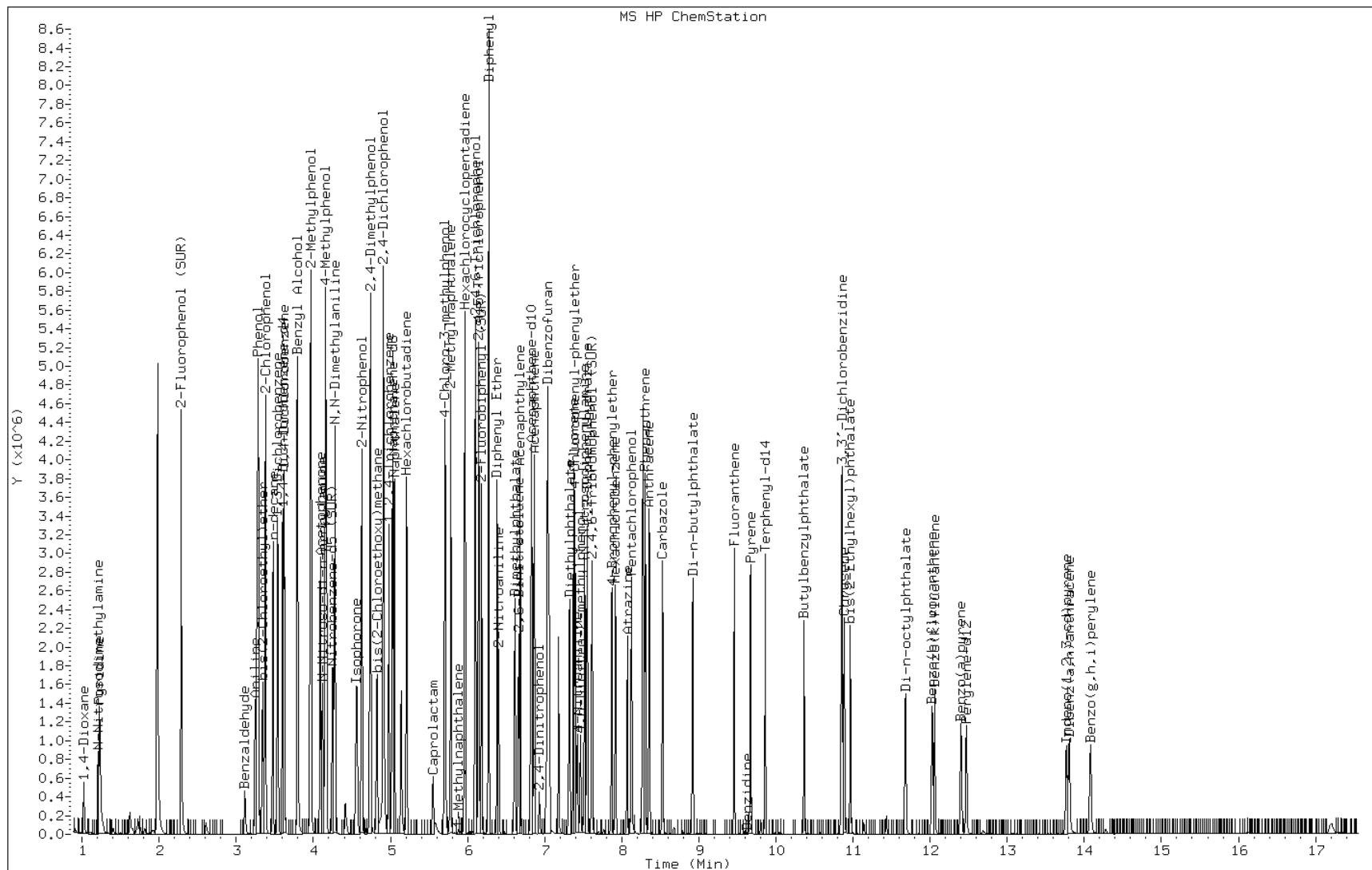
Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.372	7.372	(1.079)	1102099	40.4538	2700
48 4-Nitroaniline	138	7.424	7.425	(1.087)	183573	43.0791	2900
13 4,6-Dinitro-2-methylphenol	198	7.466	7.460	(0.901)	152357	37.2786	2500
49 N-Nitrosodiphenylamine	169	7.518	7.519	(0.908)	733995	44.2256	2900
75 1,2-Diphenylhydrazine	77	7.548	7.548	(0.911)	1274847	39.7389	2600
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.618	7.613	(1.115)	320732	86.6488	5800
50 4-Bromophenyl-phenylether	248	7.871	7.871	(0.950)	307416	40.1777	2700
51 Hexachlorobenzene	284	7.918	7.918	(0.956)	315207	41.1200	2700
112 Atrazine	200	8.071	8.071	(0.974)	262990	40.9010	2700
14 Pentachlorophenol	266	8.130	8.124	(0.982)	288196	71.5207	4800
* 83 Phenanthrene-d10	188	8.282	8.283	(1.000)	1139522	40.0000	
52 Phenanthrene	178	8.306	8.306	(1.003)	1307981	40.8355	2700
53 Anthracene	178	8.353	8.353	(1.008)	1304267	40.1238	2700
54 Carbazole	167	8.529	8.529	(1.030)	1060476	40.2394	2700
55 Di-n-butylphthalate	149	8.923	8.923	(1.077)	1300239	40.7386	2700
56 Fluoranthene	202	9.457	9.458	(1.142)	1196932	41.4332	2800
58 Benzidine	184	9.622	9.628	(1.162)	15807	6.34851	420(a)
57 Pyrene	202	9.675	9.675	(0.891)	1181431	39.6348	2600
\$ 78 Terphenyl-d14	244	9.863	9.863	(0.908)	807058	40.9643	2700
59 Butylbenzylphthalate	149	10.368	10.368	(0.955)	486517	39.9811	2700
60 3,3'-Dichlorobenzidine	252	10.850	10.850	(0.999)	248753	34.7208	2300
61 Benzo(a)anthracene	228	10.850	10.850	(0.999)	926646	41.1301	2700
* 81 Chrysene-d12	240	10.862	10.862	(1.000)	742248	40.0000	
62 Chrysene	228	10.891	10.885	(1.003)	846599	41.8658	2800
63 bis(2-Ethylhexyl)phthalate	149	10.967	10.968	(1.010)	621621	39.5008	2600
64 Di-n-octylphthalate	149	11.684	11.684	(0.937)	917051	39.8731	2600
65 Benzo(b)fluoranthene	252	12.025	12.025	(0.964)	751682	40.6038	2700
66 Benzo(k)fluoranthene	252	12.060	12.060	(0.967)	769161	42.5558	2800
67 Benzo(a)pyrene	252	12.401	12.401	(0.994)	617506	39.9137	2700
* 84 Perylene-d12	264	12.472	12.472	(1.000)	558364	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.770	13.770	(1.104)	613527	41.7306	2800
69 Dibenz(a,h)anthracene	278	13.805	13.800	(1.107)	609672	41.9305	2800
70 Benzo(g,h,i)perylene	276	14.081	14.082	(1.129)	608250	40.1483	2700

QC Flag Legend

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

Instrument: BNAMS10.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-89256/2-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10792.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/14/2011 02:02</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>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1270		330	21
108-95-2	Phenol	4850		330	41
111-44-4	Bis(2-chloroethyl)ether	2510		33	6.9
95-57-8	2-Chlorophenol	4870		330	44
95-48-7	2-Methylphenol	5100		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2460		330	43
98-86-2	Acetophenone	2450		330	49
106-44-5	4-Methylphenol	4420		330	54
621-64-7	N-Nitrosodi-n-propylamine	2620		33	4.4
67-72-1	Hexachloroethane	2480		33	5.6
98-95-3	Nitrobenzene	2480		33	7.4
78-59-1	Isophorone	2520		330	38
88-75-5	2-Nitrophenol	5140		330	54
105-67-9	2,4-Dimethylphenol	5050		330	53
111-91-1	Bis(2-chloroethoxy)methane	2620		330	47
120-83-2	2,4-Dichlorophenol	4910		330	53
91-20-3	Naphthalene	2540		330	48
106-47-8	4-Chloroaniline	1810		330	42
87-68-3	Hexachlorobutadiene	2630		67	13
105-60-2	Caprolactam	1920		330	45
59-50-7	4-Chloro-3-methylphenol	5280		330	56
91-57-6	2-Methylnaphthalene	2590		330	48
77-47-4	Hexachlorocyclopentadiene	2180		330	97
88-06-2	2,4,6-Trichlorophenol	5070		330	59
95-95-4	2,4,5-Trichlorophenol	5090		330	64
92-52-4	1,1'-Biphenyl	2650		330	55
91-58-7	2-Chloronaphthalene	2580		330	47
88-74-4	2-Nitroaniline	2500		670	91
131-11-3	Dimethyl phthalate	2770		330	45
606-20-2	2,6-Dinitrotoluene	2720		67	8.4
208-96-8	Acenaphthylene	2510		330	47
99-09-2	3-Nitroaniline	2100		670	75
83-32-9	Acenaphthene	2660		330	47
51-28-5	2,4-Dinitrophenol	1020		1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89256/2-A

Matrix: Solid Lab File ID: z10792.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/12/2011 15:52

Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 02:02

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6090		1000	85
132-64-9	Dibenzofuran	2680		330	50
121-14-2	2,4-Dinitrotoluene	2790		67	9.7
84-66-2	Diethyl phthalate	2730		330	44
86-73-7	Fluorene	2720		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2760		330	57
100-01-6	4-Nitroaniline	2300		670	68
534-52-1	4,6-Dinitro-2-methylphenol	2260		1000	160
86-30-6	N-Nitrosodiphenylamine	2830		330	54
101-55-3	4-Bromophenyl phenyl ether	2780		330	59
118-74-1	Hexachlorobenzene	2860		33	4.6
1912-24-9	Atrazine	2180		330	62
87-86-5	Pentachlorophenol	4640		1000	160
85-01-8	Phenanthrene	2810		330	58
120-12-7	Anthracene	2750		330	58
86-74-8	Carbazole	2860		330	53
84-74-2	Di-n-butyl phthalate	2840		330	51
206-44-0	Fluoranthene	2890		330	55
129-00-0	Pyrene	2550		330	57
85-68-7	Butyl benzyl phthalate	2670		330	39
91-94-1	3,3'-Dichlorobenzidine	2730		670	73
56-55-3	Benzo[a]anthracene	2890		33	6.1
218-01-9	Chrysene	2850		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2740		330	44
117-84-0	Di-n-octyl phthalate	2400		330	39
205-99-2	Benzo[b]fluoranthene	2840		33	4.9
207-08-9	Benzo[k]fluoranthene	2720		33	4.6
50-32-8	Benzo[a]pyrene	2730		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2700		33	5.3
53-70-3	Dibenz(a,h)anthracene	2930		33	4.0
191-24-2	Benzo[g,h,i]perylene	2890		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-89256/2-A
Matrix: Solid Lab File ID: z10792.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.00(g) Date Analyzed: 10/14/2011 02:02
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 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	76		40-109
367-12-4	2-Fluorophenol (Surr)	70		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		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/13oct11c.b/z10792.d
 Report Date: 15-Oct-2011 11:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10792.d
 Lab Smp Id: LCS 460-89256/2-A
 Inj Date : 14-OCT-2011 02:02
 Operator : BNAMS 4
 Smp Info : LCS 460-89256/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa
 Cal Date : 14-OCT-2011 00:28
 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: z10789.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	1.108	1.009	(0.321)	206618	23.5668	1600
19 N-Nitrosodimethylamine	74	1.285	1.197	(0.372)	465253	39.1307	2600(H)
71 Pyridine	79	1.308	1.214	(0.379)	652196	29.8515	2000
\$ 16 2-Fluorophenol (SUR)	112	2.261	2.220	(0.656)	1416899	70.2345	4700
110 Benzaldehyde	77	3.008	2.997	(0.872)	137577	19.0853	1300
73 Aniline	93	3.126	3.120	(0.906)	785611	26.7456	1800
\$ 17 Phenol-d5 (SUR)	99	3.138	3.132	(0.910)	1678720	69.9630	4700
1 Phenol	94	3.155	3.150	(0.915)	1870754	72.6868	4800
20 bis(2-Chloroethyl)ether	93	3.208	3.203	(0.930)	766636	37.6873	2500
2 2-Chlorophenol	128	3.250	3.244	(0.942)	1539400	72.9790	4900
113 n-decane	43	3.320	3.320	(0.962)	724640	35.2310	2300
21 1,3-Dichlorobenzene	146	3.397	3.391	(0.985)	865296	36.9722	2500
* 79 1,4-Dichlorobenzene-d4	152	3.450	3.450	(1.000)	582628	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10792.d
 Report Date: 15-Oct-2011 11:22

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)	883300	37.2898	2500
74 Benzyl Alcohol	108	3.614	3.626	(1.048)	486510	39.3318	2600
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	834178	37.7370	2500
24 bis (2-chloroisopropyl) ether	45	3.755	3.761	(1.089)	875612	36.8304	2400
3 2-Methylphenol	108	3.755	3.767	(1.089)	1303066	76.5242	5100
104 Acetophenone	105	3.885	3.891	(1.126)	953772	36.8062	2400
25 N-Nitroso-di-n-propylamine	70	3.902	3.908	(1.131)	519500	39.2631	2600
4 4-Methylphenol	108	3.926	3.932	(1.138)	1251627	66.2597	4400
121 3 & 4 Methylphenol	108	3.926	3.932	(1.138)	1251627	66.2597	4400
26 Hexachloroethane	117	3.961	3.967	(1.148)	355073	37.1858	2500
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.038	(0.847)	827524	38.2011	2500
27 Nitrobenzene	77	4.049	4.061	(0.852)	1088618	37.2251	2500
107 N,N-Dimethylaniline	120	4.055	4.061	(1.176)	1036151	34.1262	2300
28 Isophorone	82	4.314	4.308	(0.907)	1253477	37.7365	2500
5 2-Nitrophenol	139	4.379	4.379	(0.921)	774281	77.1738	5100
6 2,4-Dimethylphenol	122	4.467	4.467	(0.939)	1191057	75.6830	5000
29 bis(2-Chloroethoxy)methane	93	4.549	4.549	(0.957)	802556	39.3507	2600
7 2,4-Dichlorophenol	162	4.638	4.638	(0.975)	1012562	73.5924	4900
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.990)	624505	38.9610	2600
* 80 Naphthalene-d8	136	4.755	4.755	(1.000)	2080066	40.0000	
31 Naphthalene	128	4.773	4.779	(1.004)	2183672	38.1588	2500
32 4-Chloroaniline	127	4.849	4.855	(1.020)	551518	27.1936	1800
33 Hexachlorobutadiene	225	4.920	4.920	(1.035)	378771	39.4708	2600
111 Caprolactam	113	5.244	5.244	(1.103)	96946	28.8552	1900
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.132)	1105644	79.2524	5300
34 2-Methylnaphthalene	142	5.473	5.479	(1.151)	1289788	38.8394	2600
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	258212	32.7630	2200
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	640863	76.0607	5100
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.896)	662007	76.3817	5100
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1273677	38.1029	2500
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	1085673	38.6403	2600
102 Diphenyl	154	5.949	5.949	(0.916)	1555944	39.7650	2600
103 Diphenyl Ether	170	6.055	6.055	(0.932)	761057	38.5389	2600
37 2-Nitroaniline	65	6.073	6.079	(0.935)	315972	37.5546	2500
38 Dimethylphthalate	163	6.273	6.279	(0.966)	1069204	41.6213	2800
40 2,6-Dinitrotoluene	165	6.326	6.326	(0.974)	243414	40.8717	2700
39 Acenaphthylene	152	6.355	6.361	(0.978)	1671054	37.6157	2500
41 3-Nitroaniline	138	6.479	6.485	(0.997)	198344	31.5004	2100
* 82 Acenaphthene-d10	164	6.496	6.502	(1.000)	907918	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	1043599	39.9214	2700
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	44674	15.2450	1000(a)
12 4-Nitrophenol	65	6.696	6.702	(1.031)	372512	91.3116	6100
43 Dibenzofuran	168	6.702	6.702	(1.032)	1391670	40.2002	2700
44 2,4-Dinitrotoluene	165	6.720	6.726	(1.034)	290974	41.8254	2800
45 Diethylphthalate	149	6.973	6.973	(1.073)	1068314	40.8984	2700
47 Fluorene	166	7.038	7.038	(1.083)	1118136	40.7772	2700
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	512161	41.4439	2800

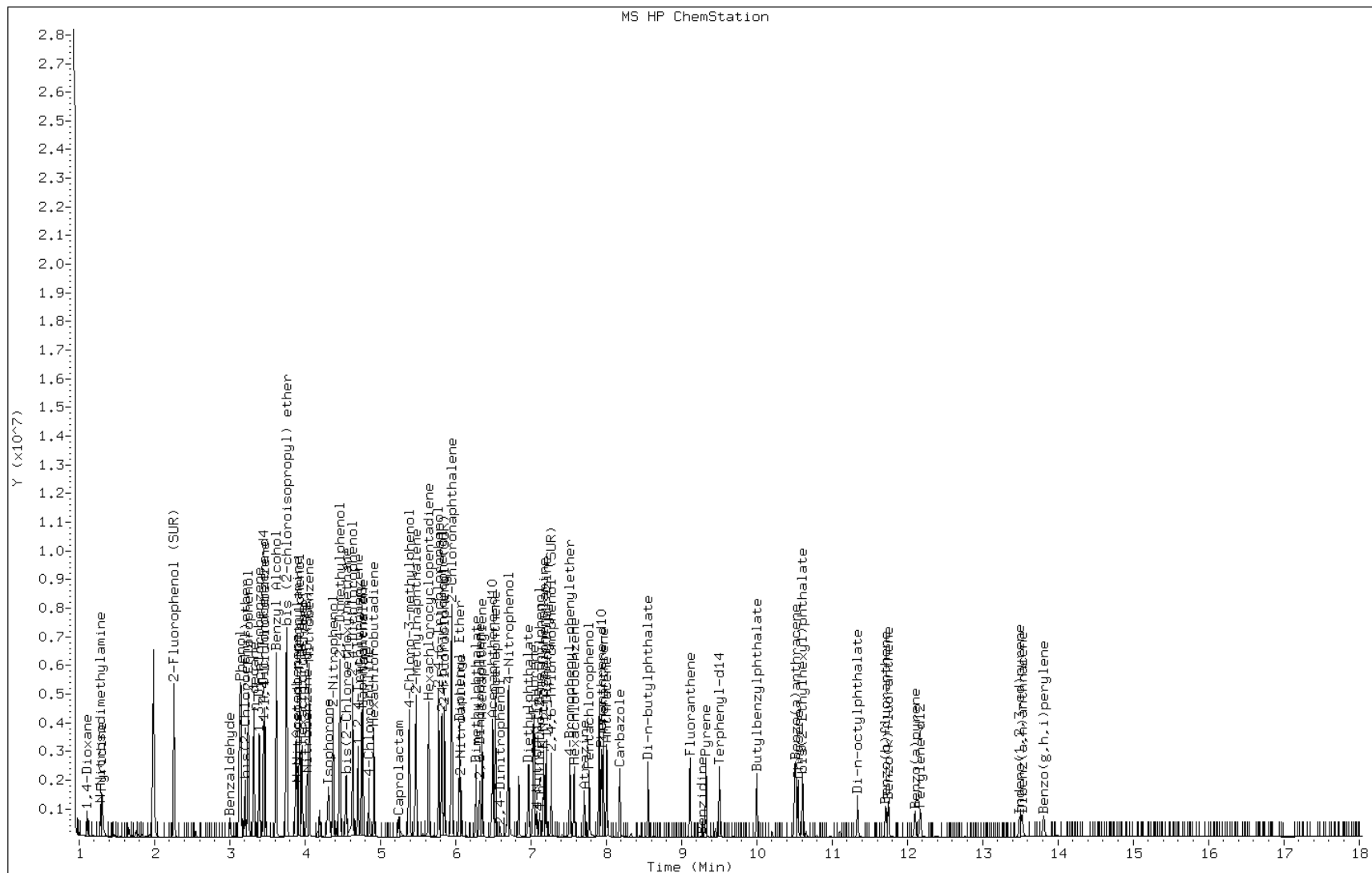
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10792.d
Report Date: 15-Oct-2011 11:22

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.079	7.085	(1.090)	163926	34.4848	2300
13 4,6-Dinitro-2-methylphenol	198	7.120	7.126	(0.897)	110744	33.8897	2200
49 N-Nitrosodiphenylamine	169	7.173	7.173	(0.904)	708599	42.4680	2800
75 1,2-Diphenylhydrazine	77	7.202	7.208	(0.907)	1363260	41.1533	2700
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.273	7.279	(1.120)	303506	77.2273	5100
50 4-Bromophenyl-phenylether	248	7.520	7.526	(0.947)	276234	41.7557	2800
51 Hexachlorobenzene	284	7.579	7.579	(0.955)	299648	42.9585	2900
112 Atrazine	200	7.714	7.720	(0.972)	166713	32.6422	2200
14 Pentachlorophenol	266	7.779	7.779	(0.980)	238816	69.5305	4600
* 83 Phenanthrene-d10	188	7.937	7.937	(1.000)	1050230	40.0000	
52 Phenanthrene	178	7.961	7.961	(1.003)	1266807	42.2087	2800
53 Anthracene	178	8.008	8.014	(1.009)	1237342	41.2255	2700
54 Carbazole	167	8.179	8.185	(1.030)	987709	42.9615	2900
55 Di-n-butylphthalate	149	8.561	8.561	(1.079)	1404470	42.5837	2800
56 Fluoranthene	202	9.114	9.114	(1.148)	1016568	43.3418	2900
58 Benzidine	184	9.267	9.267	(1.167)	8705	3.12641	210(aR)
57 Pyrene	202	9.326	9.326	(0.886)	996773	38.2542	2600
\$ 78 Terphenyl-d14	244	9.508	9.508	(0.904)	690000	38.3189	2600
59 Butylbenzylphthalate	149	10.002	10.002	(0.951)	467716	40.0165	2700
61 Benzo(a)anthracene	228	10.514	10.514	(0.999)	738717	43.4156	2900
60 3,3'-Dichlorobenzidine	252	10.508	10.508	(0.999)	190710	40.8837	2700
* 81 Chrysene-d12	240	10.520	10.526	(1.000)	587115	40.0000	
62 Chrysene	228	10.549	10.549	(1.003)	707988	42.7262	2800
63 bis(2-Ethylhexyl)phthalate	149	10.608	10.608	(1.008)	650758	41.1460	2700
64 Di-n-octylphthalate	149	11.337	11.337	(0.931)	869317	35.9389	2400
65 Benzo(b)fluoranthene	252	11.714	11.720	(0.962)	578400	42.6079	2800
66 Benzo(k)fluoranthene	252	11.749	11.749	(0.965)	643080	40.7852	2700
67 Benzo(a)pyrene	252	12.102	12.102	(0.994)	469525	40.8883	2700
* 84 Perylene-d12	264	12.172	12.173	(1.000)	472850	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.496	13.496	(1.109)	432801	40.4337	2700(M)
69 Dibenz(a,h)anthracene	278	13.525	13.525	(1.111)	472804	43.8787	2900
70 Benzo(g,h,i)perylene	276	13.814	13.814	(1.135)	474591	43.3121	2900

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.

Operator: BNAMS 4

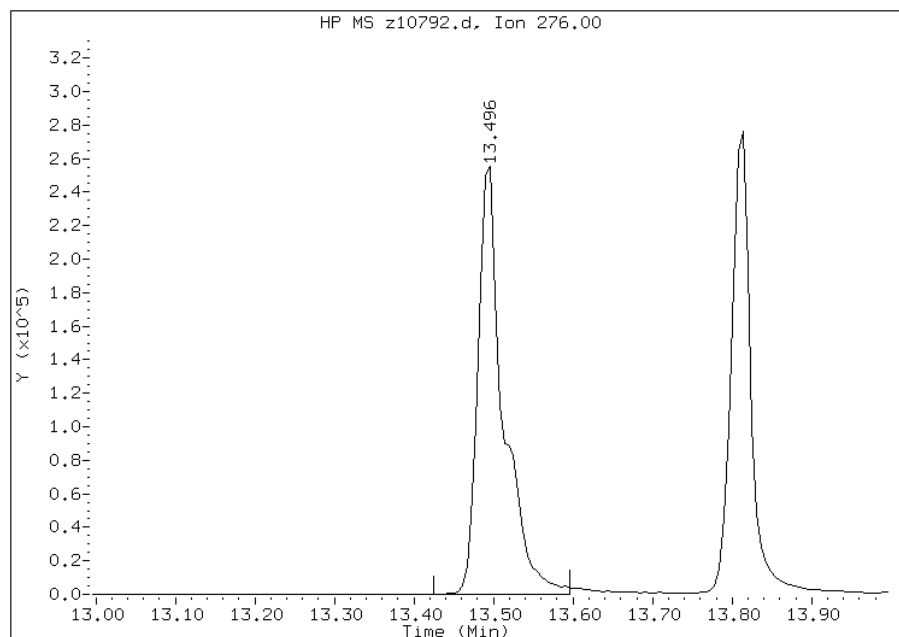


Manual Integration Report

Data File: z10792.d
Inj. Date and Time: 14-OCT-2011 02:02
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/15/2011

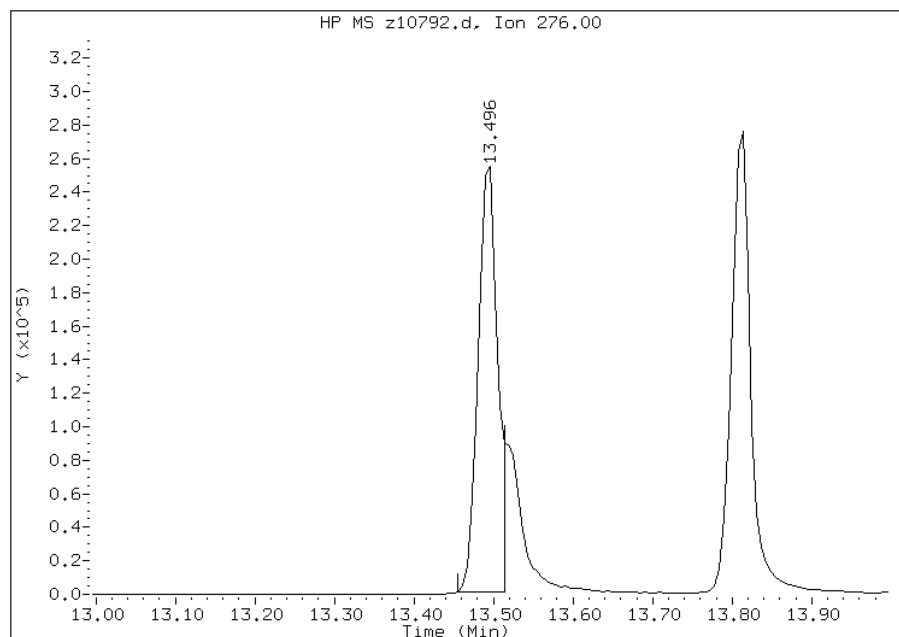
Processing Integration Results

RT: 13.50
Response: 567245
Amount: 53
Conc: 3533



Manual Integration Results

RT: 13.50
Response: 432801
Amount: 40
Conc: 2696



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138 MS</u>	Lab Sample ID: <u>460-32128-13 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20309.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/16/2011 17:25</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89864</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3960		330	21
108-95-2	Phenol	4910		330	40
111-44-4	Bis(2-chloroethyl)ether	2290		33	6.9
95-57-8	2-Chlorophenol	4890		330	44
95-48-7	2-Methylphenol	5070		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2520		330	43
98-86-2	Acetophenone	2420		330	49
106-44-5	4-Methylphenol	5020		330	54
621-64-7	N-Nitrosodi-n-propylamine	2640		33	4.4
67-72-1	Hexachloroethane	2250		33	5.6
98-95-3	Nitrobenzene	2250		33	7.4
78-59-1	Isophorone	2430		330	38
88-75-5	2-Nitrophenol	4470		330	54
105-67-9	2,4-Dimethylphenol	4860		330	53
111-91-1	Bis(2-chloroethoxy)methane	2360		330	47
120-83-2	2,4-Dichlorophenol	4820		330	53
91-20-3	Naphthalene	2290		330	48
106-47-8	4-Chloroaniline	2020		330	42
87-68-3	Hexachlorobutadiene	2170		67	13
105-60-2	Caprolactam	2760		330	45
59-50-7	4-Chloro-3-methylphenol	5190		330	55
91-57-6	2-Methylnaphthalene	2310		330	48
77-47-4	Hexachlorocyclopentadiene	1880		330	97
88-06-2	2,4,6-Trichlorophenol	4600		330	59
95-95-4	2,4,5-Trichlorophenol	4770		330	64
92-52-4	1,1'-Biphenyl	2310		330	54
91-58-7	2-Chloronaphthalene	2150		330	47
88-74-4	2-Nitroaniline	2300		670	90
131-11-3	Dimethyl phthalate	2470		330	45
606-20-2	2,6-Dinitrotoluene	2370		67	8.4
208-96-8	Acenaphthylene	2250		330	47
99-09-2	3-Nitroaniline	2450		670	75
83-32-9	Acenaphthene	2280		330	47
51-28-5	2,4-Dinitrophenol	616	J	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138 MS</u>	Lab Sample ID: <u>460-32128-13 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20309.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/16/2011 17:25</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89864</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4940		1000	85
132-64-9	Dibenzofuran	2360		330	50
121-14-2	2,4-Dinitrotoluene	2580		67	9.6
84-66-2	Diethyl phthalate	2530		330	44
86-73-7	Fluorene	2420		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2380		330	57
100-01-6	4-Nitroaniline	2930		670	68
534-52-1	4,6-Dinitro-2-methylphenol	1500		1000	160
86-30-6	N-Nitrosodiphenylamine	2530		330	54
101-55-3	4-Bromophenyl phenyl ether	2270		330	59
118-74-1	Hexachlorobenzene	2260		33	4.6
1912-24-9	Atrazine	1870		330	62
87-86-5	Pentachlorophenol	4180		1000	160
85-01-8	Phenanthrene	2370		330	58
120-12-7	Anthracene	2280		330	58
86-74-8	Carbazole	2420		330	53
84-74-2	Di-n-butyl phthalate	2780		330	51
206-44-0	Fluoranthene	2540		330	55
129-00-0	Pyrene	2360		330	57
85-68-7	Butyl benzyl phthalate	2350		330	39
91-94-1	3,3'-Dichlorobenzidine	2380		670	73
56-55-3	Benzo[a]anthracene	2360		33	6.1
218-01-9	Chrysene	2350		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2390		330	44
117-84-0	Di-n-octyl phthalate	2400		330	39
205-99-2	Benzo[b]fluoranthene	2520		33	4.9
207-08-9	Benzo[k]fluoranthene	2590		33	4.6
50-32-8	Benzo[a]pyrene	2470		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2570		33	5.3
53-70-3	Dibenz(a,h)anthracene	2560		33	4.0
191-24-2	Benzo[g,h,i]perylene	2550		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 MS Lab Sample ID: 460-32128-13 MS
Matrix: Solid Lab File ID: p20309.d
Analysis Method: 8270C Date Collected: 10/04/2011 12:30
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.02(g) Date Analyzed: 10/16/2011 17:25
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 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	64		40-109
367-12-4	2-Fluorophenol (Surr)	72		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	68		38-105
4165-62-2	Phenol-d5 (Surr)	72		41-118
1718-51-0	Terphenyl-d14 (Surr)	69		16-151

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20309.d
 Report Date: 19-Oct-2011 10:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20309.d
 Lab Smp Id: 460-32128-D-13-I MS Client Smp ID: FB-17338-100411-MM-
 Inj Date : 16-OCT-2011 17:25
 Operator : BNAMS 4 Inst ID: BNAMS10.i
 Smp Info : 460-32128-D-13-I MS
 Misc Info : 460-32128-D-13-I MS
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 6 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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	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	1.003	0.956	(0.279)	155409	16.1284	1100
19 N-Nitrosodimethylamine	74	1.185	1.155	(0.329)	336436	32.6697	2200(M)
71 Pyridine	79	1.208	1.179	(0.336)	441965	25.9435	1700
\$ 16 2-Fluorophenol (SUR)	112	2.278	2.266	(0.633)	825033	71.8037	4800
110 Benzaldehyde	77	3.106	3.106	(0.863)	165901	59.5009	4000
\$ 17 Phenol-d5 (SUR)	99	3.265	3.271	(0.907)	992732	71.9215	4800
1 Phenol	94	3.282	3.282	(0.912)	1036919	73.7283	4900
73 Aniline	93	3.241	3.241	(0.900)	472421	27.5081	1800
20 bis(2-Chloroethyl)ether	93	3.335	3.335	(0.927)	435368	34.4086	2300
2 2-Chlorophenol	128	3.376	3.376	(0.938)	855008	73.5170	4900
113 n-decane	43	3.470	3.476	(0.964)	333283	31.5616	2100
21 1,3-Dichlorobenzene	146	3.535	3.535	(0.982)	547144	32.3377	2200
* 79 1,4-Dichlorobenzene-d4	152	3.600	3.606	(1.000)	414927	40.0000	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20309.d
Report Date: 19-Oct-2011 10:23

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.617	3.623	(1.005)	570175	33.0468	2200
74 Benzyl Alcohol	108	3.799	3.805	(1.055)	285107	41.8161	2800
23 1,2-Dichlorobenzene	146	3.788	3.794	(1.052)	532748	33.1616	2200
3 2-Methylphenol	108	3.964	3.976	(1.101)	766456	76.1086	5100
24 bis (2-chloroisopropyl) ether	45	3.958	3.964	(1.100)	368462	37.8693	2500
104 Acetophenone	105	4.087	4.099	(1.135)	599196	36.4010	2400
4 4-Methylphenol	108	4.152	4.158	(1.153)	750050	75.4129	5000
121 3 & 4 Methylphenol	108	4.152	4.158	(1.153)	750050	75.4129	5000
25 N-Nitroso-di-n-propylamine	70	4.117	4.123	(1.144)	353325	39.6761	2600
26 Hexachloroethane	117	4.170	4.175	(1.158)	219197	33.8008	2200
\$ 76 Nitrobenzene-d5 (SUR)	82	4.246	4.252	(0.846)	510341	34.0338	2300
107 N,N-Dimethylaniline	120	4.281	4.287	(1.189)	589977	31.5754	2100
27 Nitrobenzene	77	4.269	4.275	(0.850)	726565	33.7753	2200
28 Isophorone	82	4.557	4.552	(0.908)	807994	36.4870	2400
5 2-Nitrophenol	139	4.628	4.628	(0.922)	457467	67.0974	4500
6 2,4-Dimethylphenol	122	4.734	4.740	(0.943)	734095	72.9859	4800
29 bis(2-Chloroethoxy)methane	93	4.822	4.828	(0.960)	464849	35.5027	2400
7 2,4-Dichlorophenol	162	4.910	4.910	(0.978)	711200	72.3672	4800
30 1,2,4-Trichlorobenzene	180	4.980	4.980	(0.992)	428810	32.9471	2200
* 80 Naphthalene-d8	136	5.021	5.027	(1.000)	1317664	40.0000	
31 Naphthalene	128	5.045	5.051	(1.005)	1193211	34.3252	2300
32 4-Chloroaniline	127	5.139	5.139	(1.023)	351336	30.4149	2000(H)
33 Hexachlorobutadiene	225	5.210	5.215	(1.037)	277259	32.6076	2200
111 Caprolactam	113	5.533	5.539	(1.102)	103908	41.4965	2800
8 4-Chloro-3-methylphenol	107	5.703	5.709	(1.136)	710077	77.9489	5200
34 2-Methylnaphthalene	142	5.779	5.785	(1.151)	784452	34.6480	2300
120 1-Methylnaphthalene	142	5.879	5.885	(1.171)	7604	0.33803	22(a)
35 Hexachlorocyclopentadiene	237	5.962	5.968	(0.873)	228144	28.2957	1900
9 2,4,6-Trichlorophenol	196	6.103	6.103	(0.894)	504138	69.0643	4600
10 2,4,5-Trichlorophenol	196	6.138	6.144	(0.899)	516832	71.6501	4800
\$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.185	(0.905)	834048	32.1821	2100
102 Diphenyl	154	6.273	6.273	(0.919)	1004732	34.7638	2300
36 2-Chloronaphthalene	162	6.273	6.279	(0.919)	760569	32.2798	2100
103 Diphenyl Ether	170	6.385	6.385	(0.935)	542846	32.9100	2200
37 2-Nitroaniline	65	6.402	6.408	(0.938)	232257	34.5224	2300
38 Dimethylphthalate	163	6.614	6.614	(0.969)	787004	37.0833	2500
40 2,6-Dinitrotoluene	165	6.661	6.661	(0.976)	182087	35.5465	2400
39 Acenaphthylene	152	6.678	6.684	(0.978)	1054499	33.7834	2200
41 3-Nitroaniline	138	6.819	6.819	(0.999)	164034	36.8091	2400
* 82 Acenaphthene-d10	164	6.825	6.831	(1.000)	731689	40.0000	
42 Acenaphthene	154	6.861	6.866	(1.005)	675945	34.2725	2300
11 2,4-Dinitrophenol	184	6.925	6.931	(1.015)	24555	9.24922	620(aR)
12 4-Nitrophenol	65	7.043	7.043	(1.032)	303769	74.2645	4900
44 2,4-Dinitrotoluene	165	7.054	7.060	(1.034)	232365	38.8008	2600
43 Dibenzofuran	168	7.031	7.037	(1.030)	1000698	35.4940	2400
45 Diethylphthalate	149	7.319	7.319	(1.072)	745016	38.0494	2500
46 4-Chlorophenyl-phenylether	204	7.395	7.395	(1.083)	419159	35.7523	2400

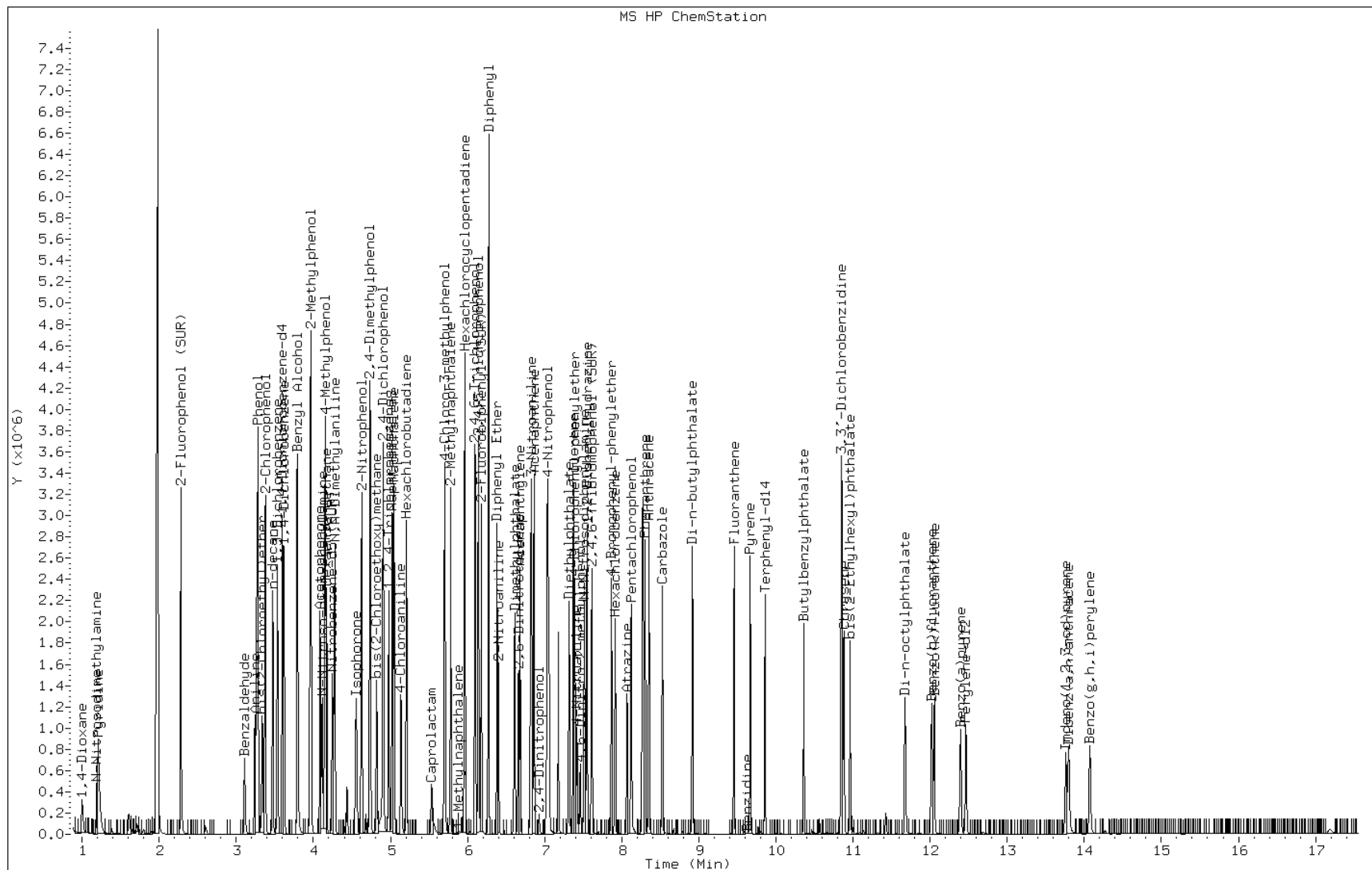
Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20309.d
Report Date: 19-Oct-2011 10:23

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.372	7.372	(1.080)	820178	36.3883	2400
48 4-Nitroaniline	138	7.419	7.425	(1.087)	155283	44.0450	2900
13 4,6-Dinitro-2-methylphenol	198	7.460	7.460	(0.901)	82234	22.5356	1500
49 N-Nitrosodiphenylamine	169	7.519	7.519	(0.908)	562291	37.9457	2500
75 1,2-Diphenylhydrazine	77	7.548	7.548	(0.911)	991640	34.6204	2300
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.613	7.613	(1.115)	234481	76.5672	5100
50 4-Bromophenyl-phenylether	248	7.865	7.871	(0.950)	232857	34.0854	2300
51 Hexachlorobenzene	284	7.918	7.918	(0.956)	232498	33.9701	2300
112 Atrazine	200	8.071	8.071	(0.974)	160971	28.0390	1900
14 Pentachlorophenol	266	8.124	8.124	(0.981)	225868	62.7797	4200
* 83 Phenanthrene-d10	188	8.282	8.283	(1.000)	1017424	40.0000	
52 Phenanthrene	178	8.300	8.306	(1.002)	1019694	35.6555	2400
53 Anthracene	178	8.353	8.353	(1.008)	995519	34.3010	2300
54 Carbazole	167	8.529	8.529	(1.030)	855464	36.3557	2400
55 Di-n-butylphthalate	149	8.917	8.923	(1.077)	1188161	41.6945	2800
56 Fluoranthene	202	9.458	9.458	(1.142)	984180	38.1570	2500
58 Benzidine	184	9.622	9.628	(1.162)	14253	6.41134	430(a)
57 Pyrene	202	9.669	9.675	(0.891)	984096	35.5183	2400
\$ 78 Terphenyl-d14	244	9.857	9.863	(0.908)	627443	34.2627	2300
59 Butylbenzylphthalate	149	10.362	10.368	(0.955)	399313	35.3034	2400
60 3,3'-Dichlorobenzidine	252	10.850	10.850	(0.999)	238109	35.7555	2400
61 Benzo(a)anthracene	228	10.850	10.850	(0.999)	742298	35.4463	2400
* 81 Chrysene-d12	240	10.856	10.862	(1.000)	689926	40.0000	
62 Chrysene	228	10.885	10.885	(1.003)	664349	35.3447	2400
63 bis(2-Ethylhexyl)phthalate	149	10.962	10.968	(1.010)	525295	35.9112	2400
64 Di-n-octylphthalate	149	11.678	11.684	(0.937)	755838	36.0001	2400
65 Benzo(b)fluoranthene	252	12.019	12.025	(0.964)	640289	37.8876	2500
66 Benzo(k)fluoranthene	252	12.055	12.060	(0.967)	641326	38.8695	2600
67 Benzo(a)pyrene	252	12.395	12.401	(0.994)	524948	37.1694	2500
* 84 Perylene-d12	264	12.466	12.472	(1.000)	509717	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.764	13.770	(1.104)	518329	38.6202	2600
69 Dibenz(a,h)anthracene	278	13.800	13.800	(1.107)	509997	38.4229	2600
70 Benzo(g,h,i)perylene	276	14.076	14.082	(1.129)	530015	38.3232	2600

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.

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32224-B-56-A MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10794.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/07/2011 11:56</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/14/2011 02:53</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>13.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1390		380	24
108-95-2	Phenol	4980		380	47
111-44-4	Bis(2-chloroethyl)ether	2630		38	7.9
95-57-8	2-Chlorophenol	4950		380	51
95-48-7	2-Methylphenol	5370		380	55
108-60-1	2,2'-oxybis[1-chloropropane]	2650		380	50
98-86-2	Acetophenone	2630		380	57
106-44-5	4-Methylphenol	4580		380	63
621-64-7	N-Nitrosodi-n-propylamine	2840		38	5.0
67-72-1	Hexachloroethane	2620		38	6.4
98-95-3	Nitrobenzene	2660		38	8.5
78-59-1	Isophorone	2770		380	44
88-75-5	2-Nitrophenol	4840		380	63
105-67-9	2,4-Dimethylphenol	5420		380	61
111-91-1	Bis(2-chloroethoxy)methane	2840		380	54
120-83-2	2,4-Dichlorophenol	4950		380	61
91-20-3	Naphthalene	2680		380	56
106-47-8	4-Chloroaniline	1920		380	48
87-68-3	Hexachlorobutadiene	2790		77	15
105-60-2	Caprolactam	2720		380	52
59-50-7	4-Chloro-3-methylphenol	5380		380	64
91-57-6	2-Methylnaphthalene	2800		380	56
77-47-4	Hexachlorocyclopentadiene	2170		380	110
88-06-2	2,4,6-Trichlorophenol	4650		380	68
95-95-4	2,4,5-Trichlorophenol	4570		380	73
92-52-4	1,1'-Biphenyl	2910		380	63
91-58-7	2-Chloronaphthalene	2850		380	54
88-74-4	2-Nitroaniline	2620		770	100
131-11-3	Dimethyl phthalate	2960		380	52
606-20-2	2,6-Dinitrotoluene	2850		77	9.7
208-96-8	Acenaphthylene	2710		380	55
99-09-2	3-Nitroaniline	2280		770	86
83-32-9	Acenaphthene	2920		380	54
51-28-5	2,4-Dinitrophenol	484	J	1200	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32224-B-56-A MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10794.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/07/2011 11:56</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/14/2011 02:53</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>13.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5420		1200	98
132-64-9	Dibenzofuran	2880		380	57
121-14-2	2,4-Dinitrotoluene	2910		77	11
84-66-2	Diethyl phthalate	2840		380	51
86-73-7	Fluorene	2860		380	65
7005-72-3	4-Chlorophenyl phenyl ether	2870		380	66
100-01-6	4-Nitroaniline	2050		770	79
534-52-1	4,6-Dinitro-2-methylphenol	1660		1200	180
86-30-6	N-Nitrosodiphenylamine	3000		380	62
101-55-3	4-Bromophenyl phenyl ether	2900		380	68
118-74-1	Hexachlorobenzene	2950		38	5.3
1912-24-9	Atrazine	2330		380	71
87-86-5	Pentachlorophenol	1890		1200	190
85-01-8	Phenanthrene	3250		380	67
120-12-7	Anthracene	3050		380	67
86-74-8	Carbazole	2980		380	61
84-74-2	Di-n-butyl phthalate	2950		380	58
206-44-0	Fluoranthene	3450		380	63
129-00-0	Pyrene	3040		380	66
85-68-7	Butyl benzyl phthalate	2800		380	45
91-94-1	3,3'-Dichlorobenzidine	2840		770	84
56-55-3	Benzo[a]anthracene	3160		38	7.1
218-01-9	Chrysene	3220		380	55
117-81-7	Bis(2-ethylhexyl) phthalate	2810		380	51
117-84-0	Di-n-octyl phthalate	2280		380	45
205-99-2	Benzo[b]fluoranthene	3180		38	5.7
207-08-9	Benzo[k]fluoranthene	2750		38	5.3
50-32-8	Benzo[a]pyrene	2920		38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	2990		38	6.1
53-70-3	Dibenz(a,h)anthracene	3050		38	4.6
191-24-2	Benzo[g,h,i]perylene	3200		380	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-32224-B-56-A MS
Matrix: Solid Lab File ID: z10794.d
Analysis Method: 8270C Date Collected: 10/07/2011 11:56
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.05(g) Date Analyzed: 10/14/2011 02:53
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 13.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	53		10-120
321-60-8	2-Fluorobiphenyl	72		40-109
367-12-4	2-Fluorophenol (Surr)	60		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	70		38-105
4165-62-2	Phenol-d5 (Surr)	63		41-118
1718-51-0	Terphenyl-d14 (Surr)	67		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10794.d
 Report Date: 15-Oct-2011 11:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10794.d
 Lab Smp Id: 460-32224-B-56-A MS Client Smp ID: S-7a
 Inj Date : 14-OCT-2011 02:53
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-32224-B-56-A MS
 Misc Info : 460-32224-B-56-A MS
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa Quant Type: ISTD
 Cal Date : 14-OCT-2011 00:28 Cal File: z10789.d
 Als bottle: 7 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.05000	Weight of sample extracted (g)
M	13.58575	% 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	1.108	1.009	(0.321)	182820	22.9046	1800(H)
19 N-Nitrosodimethylamine		74	1.285	1.197	(0.372)	387272	35.7776	2800(H)
71 Pyridine		79	1.303	1.214	(0.378)	524721	26.3805	2000
\$ 16 2-Fluorophenol (SUR)		112	2.267	2.220	(0.657)	1102984	60.0549	4600
110 Benzaldehyde		77	3.008	2.997	(0.872)	118752	18.0951	1400
73 Aniline		93	3.126	3.120	(0.906)	588999	22.0255	1700
\$ 17 Phenol-d5 (SUR)		99	3.138	3.132	(0.910)	1368378	62.6417	4800
1 Phenol		94	3.149	3.150	(0.913)	1517440	64.7616	5000
20 bis(2-Chloroethyl)ether		93	3.208	3.203	(0.930)	632782	34.1686	2600
2 2-Chlorophenol		128	3.249	3.244	(0.942)	1235120	64.3166	4900
113 n-decane		43	3.320	3.320	(0.962)	625753	33.4174	2600
21 1,3-Dichlorobenzene		146	3.397	3.391	(0.985)	723664	33.9637	2600
* 79 1,4-Dichlorobenzene-d4		152	3.449	3.450	(1.000)	530425	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10794.d
Report Date: 15-Oct-2011 11:25

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.005)	734561	34.0625	2600
74 Benzyl Alcohol	108	3.614	3.626	(1.048)	401865	35.6861	2700
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.049)	693650	34.4680	2600
24 bis (2-chloroisopropyl) ether	45	3.755	3.761	(1.089)	747141	34.5195	2600
3 2-Methylphenol	108	3.755	3.767	(1.089)	1082016	69.7965	5400
104 Acetophenone	105	3.879	3.891	(1.124)	806092	34.1687	2600
25 N-Nitroso-di-n-propylamine	70	3.896	3.908	(1.130)	444327	36.8866	2800
4 4-Methylphenol	108	3.926	3.932	(1.138)	1023422	59.5109	4600
121 3 & 4 Methylphenol	108	3.926	3.932	(1.138)	1023422	59.5109	4600
26 Hexachloroethane	117	3.961	3.967	(1.148)	295759	34.0224	2600
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.038	(0.848)	678061	34.9248	2700
27 Nitrobenzene	77	4.049	4.061	(0.853)	906198	34.5743	2600
107 N,N-Dimethylaniline	120	4.055	4.061	(1.176)	822920	29.7707	2300
28 Isophorone	82	4.308	4.308	(0.907)	1072031	36.0099	2800
5 2-Nitrophenol	139	4.379	4.379	(0.922)	565522	62.8914	4800
6 2,4-Dimethylphenol	122	4.461	4.467	(0.939)	994612	70.5163	5400
29 bis(2-Chloroethoxy)methane	93	4.543	4.549	(0.957)	674863	36.9200	2800
7 2,4-Dichlorophenol	162	4.638	4.638	(0.976)	794203	64.4040	5000
30 1,2,4-Trichlorobenzene	180	4.702	4.708	(0.990)	518957	36.1240	2800
* 80 Naphthalene-d8	136	4.749	4.755	(1.000)	1864263	40.0000	
31 Naphthalene	128	4.773	4.779	(1.005)	1790314	34.9065	2700
32 4-Chloroaniline	127	4.849	4.855	(1.021)	454660	25.0129	1900
33 Hexachlorobutadiene	225	4.920	4.920	(1.036)	311919	36.2669	2800
111 Caprolactam	113	5.226	5.244	(1.100)	106618	35.4074	2700
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.134)	875408	70.0129	5400
34 2-Methylnaphthalene	142	5.473	5.479	(1.152)	1085497	36.4714	2800
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	193605	28.2660	2200
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	442387	60.4140	4600
10 2,4,5-Trichlorophenol	196	5.814	5.820	(0.895)	447895	59.4625	4600
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1043057	35.9043	2800
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	904596	37.0456	2800
102 Diphenyl	154	5.943	5.949	(0.915)	1285014	37.7881	2900
103 Diphenyl Ether	170	6.055	6.055	(0.932)	640038	37.2931	2900
37 2-Nitroaniline	65	6.073	6.079	(0.935)	248736	34.0169	2600
38 Dimethylphthalate	163	6.273	6.279	(0.966)	858491	38.4531	3000
40 2,6-Dinitrotoluene	165	6.320	6.326	(0.973)	192165	37.1271	2800
39 Acenaphthylene	152	6.355	6.361	(0.978)	1362689	35.2952	2700
41 3-Nitroaniline	138	6.479	6.485	(0.997)	162526	29.7003	2300
* 82 Acenaphthene-d10	164	6.496	6.502	(1.000)	789053	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	862217	37.9515	2900
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	16016	6.28878	480(aR)
12 4-Nitrophenol	65	6.696	6.702	(1.031)	249770	70.4476	5400
43 Dibenzofuran	168	6.702	6.702	(1.032)	1125998	37.4257	2900
44 2,4-Dinitrotoluene	165	6.714	6.726	(1.034)	228751	37.8346	2900
45 Diethylphthalate	149	6.967	6.973	(1.072)	838183	36.9221	2800
47 Fluorene	166	7.032	7.038	(1.082)	887310	37.2339	2900
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	401501	37.3836	2900

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10794.d
 Report Date: 15-Oct-2011 11:25

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.073	7.085	(1.089)	109987	26.6233	2000
13 4,6-Dinitro-2-methylphenol	198		7.114	7.126	(0.896)	59844	21.6070	1700
49 N-Nitrosodiphenylamine	169		7.173	7.173	(0.904)	552465	39.0654	3000
75 1,2-Diphenylhydrazine	77		7.202	7.208	(0.907)	1069834	38.1038	2900
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.273	7.279	(1.120)	180590	52.8734	4100
50 4-Bromophenyl-phenylether	248		7.520	7.526	(0.947)	211786	37.7713	2900
51 Hexachlorobenzene	284		7.579	7.579	(0.955)	227073	38.4087	3000
112 Atrazine	200		7.714	7.720	(0.972)	131250	30.3205	2300
14 Pentachlorophenol	266		7.779	7.779	(0.980)	71487	24.5564	1900
* 83 Phenanthrene-d10	188		7.937	7.937	(1.000)	890140	40.0000	
52 Phenanthrene	178		7.961	7.961	(1.003)	1073914	42.2170	3200
53 Anthracene	178		8.008	8.014	(1.009)	1009619	39.6880	3000
54 Carbazole	167		8.179	8.185	(1.030)	755234	38.7577	3000
55 Di-n-butylphthalate	149		8.555	8.561	(1.078)	1071035	38.3143	2900
56 Fluoranthene	202		9.114	9.114	(1.148)	892286	44.8850	3400
58 Benzidine	184		9.267	9.267	(1.167)	4161	1.76320	140(aR)
57 Pyrene	202		9.326	9.326	(0.886)	837289	39.4874	3000
\$ 78 Terphenyl-d14	244		9.502	9.508	(0.903)	490976	33.5061	2600
59 Butylbenzylphthalate	149		10.002	10.002	(0.951)	346559	36.4362	2800
61 Benzo(a)anthracene	228		10.508	10.514	(0.999)	569845	41.1552	3200
60 3,3'-Dichlorobenzidine	252		10.502	10.508	(0.998)	139970	36.8732	2800
* 81 Chrysene-d12	240		10.520	10.526	(1.000)	477775	40.0000	
62 Chrysene	228		10.549	10.549	(1.003)	564905	41.8932	3200
63 bis(2-Ethylhexyl)phthalate	149		10.608	10.608	(1.008)	470089	36.5248	2800
64 Di-n-octylphthalate	149		11.337	11.337	(0.931)	615587	29.6028	2300
65 Benzo(b)fluoranthene	252		11.714	11.720	(0.962)	482490	41.3435	3200
66 Benzo(k)fluoranthene	252		11.749	11.749	(0.965)	484889	35.7714	2800
67 Benzo(a)pyrene	252		12.102	12.102	(0.994)	375207	38.0074	2900
* 84 Perylene-d12	264		12.172	12.173	(1.000)	406506	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.490	13.496	(1.108)	358363	38.9435	3000(M)
69 Dibenz(a,h)anthracene	278		13.525	13.525	(1.111)	367425	39.6641	3000
70 Benzo(g,h,i)perylene	276		13.808	13.814	(1.134)	392246	41.6395	3200

QC Flag Legend

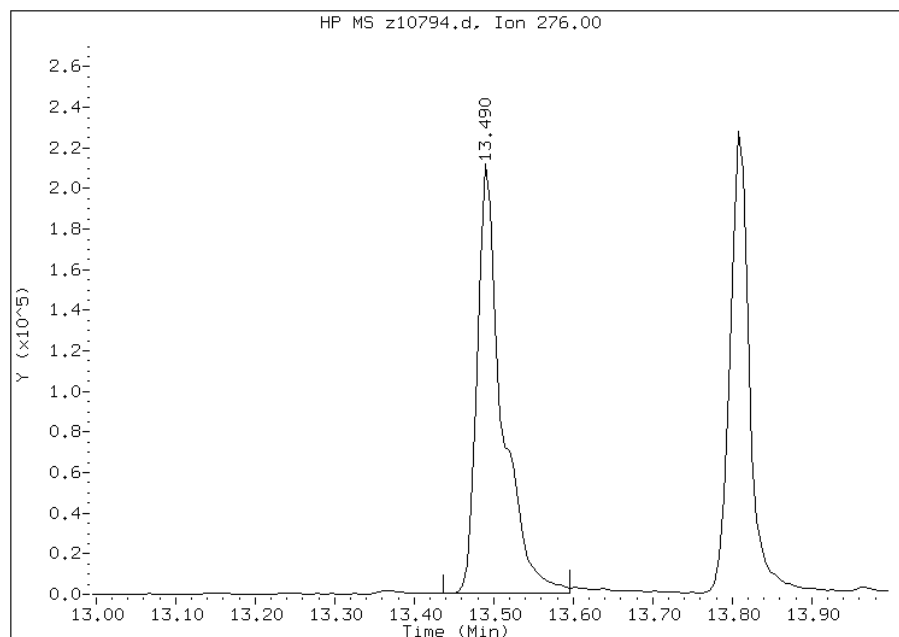
- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z10794.d
Inj. Date and Time: 14-OCT-2011 02:53
Instrument ID: BNAMS11.i
Client ID: S-7a
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/15/2011

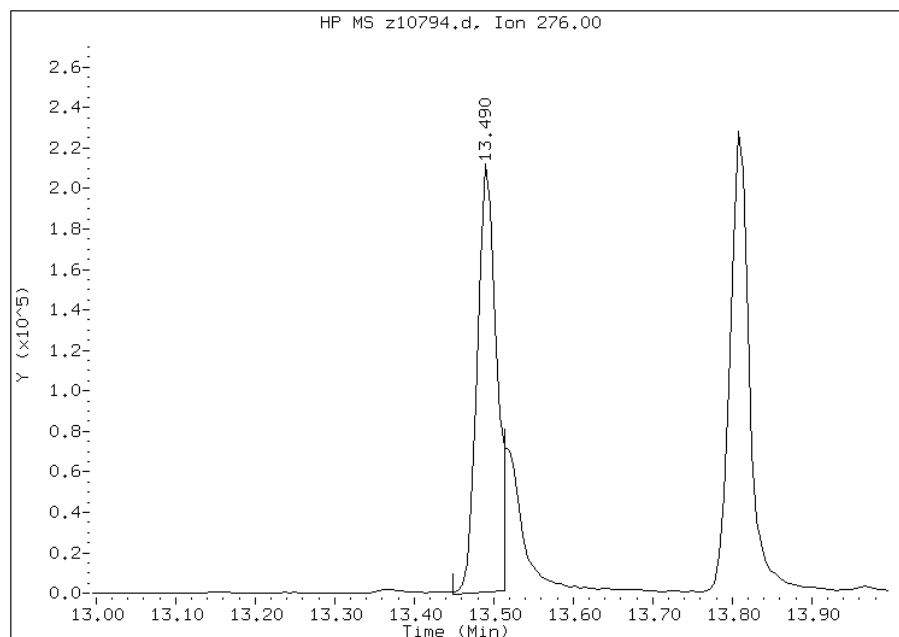
Processing Integration Results

RT: 13.49
Response: 457706
Amount: 50
Conc: 3825



Manual Integration Results

RT: 13.49
Response: 358363
Amount: 39
Conc: 2994



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138</u>	Lab Sample ID: <u>460-32128-13 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20310.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/04/2011 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/11/2011 15:18</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/16/2011 17:50</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89864</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2370		330	21
108-95-2	Phenol	4350		330	40
111-44-4	Bis(2-chloroethyl)ether	2040		33	6.9
95-57-8	2-Chlorophenol	4370		330	44
95-48-7	2-Methylphenol	4570		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2220		330	43
98-86-2	Acetophenone	2150		330	49
106-44-5	4-Methylphenol	4430		330	54
621-64-7	N-Nitrosodi-n-propylamine	2370		33	4.4
67-72-1	Hexachloroethane	2010		33	5.6
98-95-3	Nitrobenzene	2020		33	7.4
78-59-1	Isophorone	2210		330	38
88-75-5	2-Nitrophenol	4170		330	54
105-67-9	2,4-Dimethylphenol	4370		330	53
111-91-1	Bis(2-chloroethoxy)methane	2150		330	47
120-83-2	2,4-Dichlorophenol	4230		330	53
91-20-3	Naphthalene	2070		330	48
106-47-8	4-Chloroaniline	1570		330	42
87-68-3	Hexachlorobutadiene	2020		67	13
105-60-2	Caprolactam	1710		330	45
59-50-7	4-Chloro-3-methylphenol	4580		330	55
91-57-6	2-Methylnaphthalene	2090		330	48
77-47-4	Hexachlorocyclopentadiene	1650		330	97
88-06-2	2,4,6-Trichlorophenol	3950		330	59
95-95-4	2,4,5-Trichlorophenol	4120		330	64
92-52-4	1,1'-Biphenyl	2020		330	54
91-58-7	2-Chloronaphthalene	1890		330	47
88-74-4	2-Nitroaniline	1950		670	90
131-11-3	Dimethyl phthalate	2090		330	45
606-20-2	2,6-Dinitrotoluene	1980		67	8.4
208-96-8	Acenaphthylene	1950		330	47
99-09-2	3-Nitroaniline	1970		670	75
83-32-9	Acenaphthene	1990		330	47
51-28-5	2,4-Dinitrophenol	238	J	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD

Matrix: Solid Lab File ID: p20310.d

Analysis Method: 8270C Date Collected: 10/04/2011 12:30

Extract. Method: 3541 Date Extracted: 10/11/2011 15:18

Sample wt/vol: 15.02(g) Date Analyzed: 10/16/2011 17:50

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: _____ Level: (low/med) Low

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4180		1000	85
132-64-9	Dibenzofuran	2070		330	50
121-14-2	2,4-Dinitrotoluene	2170		67	9.6
84-66-2	Diethyl phthalate	2170		330	44
86-73-7	Fluorene	2070		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2010		330	57
100-01-6	4-Nitroaniline	2150		670	68
534-52-1	4,6-Dinitro-2-methylphenol	837	J	1000	160
86-30-6	N-Nitrosodiphenylamine	2240		330	54
101-55-3	4-Bromophenyl phenyl ether	1990		330	59
118-74-1	Hexachlorobenzene	2010		33	4.6
1912-24-9	Atrazine	1660		330	62
87-86-5	Pentachlorophenol	3010		1000	160
85-01-8	Phenanthrene	2080		330	58
120-12-7	Anthracene	2050		330	58
86-74-8	Carbazole	2120		330	53
84-74-2	Di-n-butyl phthalate	2490		330	51
206-44-0	Fluoranthene	2200		330	55
129-00-0	Pyrene	2030		330	57
85-68-7	Butyl benzyl phthalate	2070		330	39
91-94-1	3,3'-Dichlorobenzidine	2010		670	73
56-55-3	Benzo[a]anthracene	2130		33	6.1
218-01-9	Chrysene	2080		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2100		330	44
117-84-0	Di-n-octyl phthalate	2160		330	39
205-99-2	Benzo[b]fluoranthene	2340		33	4.9
207-08-9	Benzo[k]fluoranthene	2500		33	4.6
50-32-8	Benzo[a]pyrene	2310		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2340		33	5.3
53-70-3	Dibenz(a,h)anthracene	2430		33	4.0
191-24-2	Benzo[g,h,i]perylene	2370		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD
Matrix: Solid Lab File ID: p20310.d
Analysis Method: 8270C Date Collected: 10/04/2011 12:30
Extract. Method: 3541 Date Extracted: 10/11/2011 15:18
Sample wt/vol: 15.02(g) Date Analyzed: 10/16/2011 17:50
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89864 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	64		10-120
321-60-8	2-Fluorobiphenyl	57		40-109
367-12-4	2-Fluorophenol (Surr)	64		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	63		38-105
4165-62-2	Phenol-d5 (Surr)	65		41-118
1718-51-0	Terphenyl-d14 (Surr)	60		16-151

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20310.d
 Report Date: 19-Oct-2011 10:23

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20310.d
 Lab Smp Id: 32128-D-13-J MSD
 Inj Date : 16-OCT-2011 17:50
 Operator : BNAMS 4
 Smp Info : 32128-D-13-J MSD
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/8270Cdel_08.m
 Meth Date : 19-Oct-2011 10:20 croccom Quant Type: ISTD
 Cal Date : 16-OCT-2011 14:14 Cal File: p20305.d
 Als bottle: 7 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE
 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	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.008	0.956	(0.280)	137524	13.3449	890
19 N-Nitrosodimethylamine	74	1.202	1.155	(0.334)	317090	28.7903	1900
71 Pyridine	79	1.220	1.179	(0.339)	399226	21.9119	1500
\$ 16 2-Fluorophenol (SUR)	112	2.283	2.266	(0.634)	789607	64.2552	4300
110 Benzaldehyde	77	3.106	3.106	(0.863)	106160	35.6006	2400
\$ 17 Phenol-d5 (SUR)	99	3.265	3.271	(0.907)	958488	64.9284	4300
1 Phenol	94	3.282	3.282	(0.912)	982366	65.3107	4400
73 Aniline	93	3.241	3.241	(0.900)	401615	21.8657	1400
20 bis(2-Chloroethyl)ether	93	3.335	3.335	(0.927)	415587	30.7110	2000
2 2-Chlorophenol	128	3.376	3.376	(0.938)	815777	65.5859	4400
113 n-decane	43	3.470	3.476	(0.964)	313651	27.7724	1800
21 1,3-Dichlorobenzene	146	3.535	3.535	(0.982)	533321	29.4726	2000
* 79 1,4-Dichlorobenzene-d4	152	3.600	3.606	(1.000)	443762	40.0000	

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20310.d
Report Date: 19-Oct-2011 10:23

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.617	3.623	(1.005)	538796	29.1989	1900
74 Benzyl Alcohol	108	3.793	3.805	(1.054)	271198	37.1915	2500
23 1,2-Dichlorobenzene	146	3.788	3.794	(1.052)	513659	29.8958	2000
3 2-Methylphenol	108	3.964	3.976	(1.101)	738985	68.6125	4600
24 bis (2-chloroisopropyl) ether	45	3.958	3.964	(1.100)	347722	33.4155	2200
104 Acetophenone	105	4.087	4.099	(1.135)	567707	32.2470	2100
4 4-Methylphenol	108	4.152	4.158	(1.153)	708431	66.6001	4400
121 3 & 4 Methylphenol	108	4.152	4.158	(1.153)	708431	66.6001	4400
25 N-Nitroso-di-n-propylamine	70	4.111	4.123	(1.142)	339339	35.6295	2400
26 Hexachloroethane	117	4.170	4.175	(1.158)	209824	30.2531	2000
\$ 76 Nitrobenzene-d5 (SUR)	82	4.246	4.252	(0.846)	494378	31.4011	2100
107 N,N-Dimethylaniline	120	4.281	4.287	(1.189)	558031	27.9250	1900
27 Nitrobenzene	77	4.269	4.275	(0.850)	685385	30.3456	2000
28 Isophorone	82	4.551	4.552	(0.906)	772464	33.2234	2200
5 2-Nitrophenol	139	4.628	4.628	(0.922)	448168	62.6070	4200
6 2,4-Dimethylphenol	122	4.734	4.740	(0.943)	693378	65.6588	4400
29 bis(2-Chloroethoxy)methane	93	4.822	4.828	(0.960)	444582	32.3398	2200
7 2,4-Dichlorophenol	162	4.904	4.910	(0.977)	655106	63.4889	4200
30 1,2,4-Trichlorobenzene	180	4.974	4.980	(0.991)	409565	29.9717	2000
* 80 Naphthalene-d8	136	5.021	5.027	(1.000)	1383466	40.0000	
31 Naphthalene	128	5.045	5.051	(1.005)	1136670	31.1434	2100
32 4-Chloroaniline	127	5.133	5.139	(1.022)	286228	23.6000	1600(H)
33 Hexachlorobutadiene	225	5.209	5.215	(1.037)	270778	30.3307	2000
111 Caprolactam	113	5.527	5.539	(1.101)	67437	25.6505	1700
8 4-Chloro-3-methylphenol	107	5.703	5.709	(1.136)	658348	68.8330	4600
34 2-Methylnaphthalene	142	5.779	5.785	(1.151)	747961	31.4649	2100
120 1-Methylnaphthalene	142	5.879	5.885	(1.171)	7309	0.30946	21(a)
35 Hexachlorocyclopentadiene	237	5.962	5.968	(0.873)	210159	24.7247	1600
9 2,4,6-Trichlorophenol	196	6.097	6.103	(0.893)	456811	59.3624	4000
10 2,4,5-Trichlorophenol	196	6.138	6.144	(0.899)	470006	61.8076	4100
\$ 77 2-Fluorobiphenyl (SUR)	172	6.179	6.185	(0.905)	776807	28.4320	1900
102 Diphenyl	154	6.273	6.273	(0.919)	925369	30.3713	2000
36 2-Chloronaphthalene	162	6.273	6.279	(0.919)	705703	28.4109	1900
103 Diphenyl Ether	170	6.385	6.385	(0.935)	502304	28.8861	1900
37 2-Nitroaniline	65	6.402	6.408	(0.938)	207548	29.2632	2000
38 Dimethylphthalate	163	6.614	6.614	(0.969)	702315	31.3910	2100
40 2,6-Dinitrotoluene	165	6.655	6.661	(0.975)	160258	29.6763	2000
39 Acenaphthylene	152	6.678	6.684	(0.978)	963922	29.2934	2000
41 3-Nitroaniline	138	6.814	6.819	(0.998)	138910	29.5683	2000
* 82 Acenaphthene-d10	164	6.825	6.831	(1.000)	771357	40.0000	
42 Acenaphthene	154	6.861	6.866	(1.005)	620476	29.8421	2000
11 2,4-Dinitrophenol	184	6.931	6.931	(1.015)	10019	3.57982	240(aR)
12 4-Nitrophenol	65	7.043	7.043	(1.032)	270754	62.7890	4200
44 2,4-Dinitrotoluene	165	7.054	7.060	(1.034)	205790	32.5961	2200
43 Dibenzofuran	168	7.031	7.037	(1.030)	923358	31.0665	2100
45 Diethylphthalate	149	7.319	7.319	(1.072)	673624	32.6341	2200
46 4-Chlorophenyl-phenylether	204	7.389	7.395	(1.083)	372795	30.1625	2000

Data File: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b/p20310.d
Report Date: 19-Oct-2011 10:23

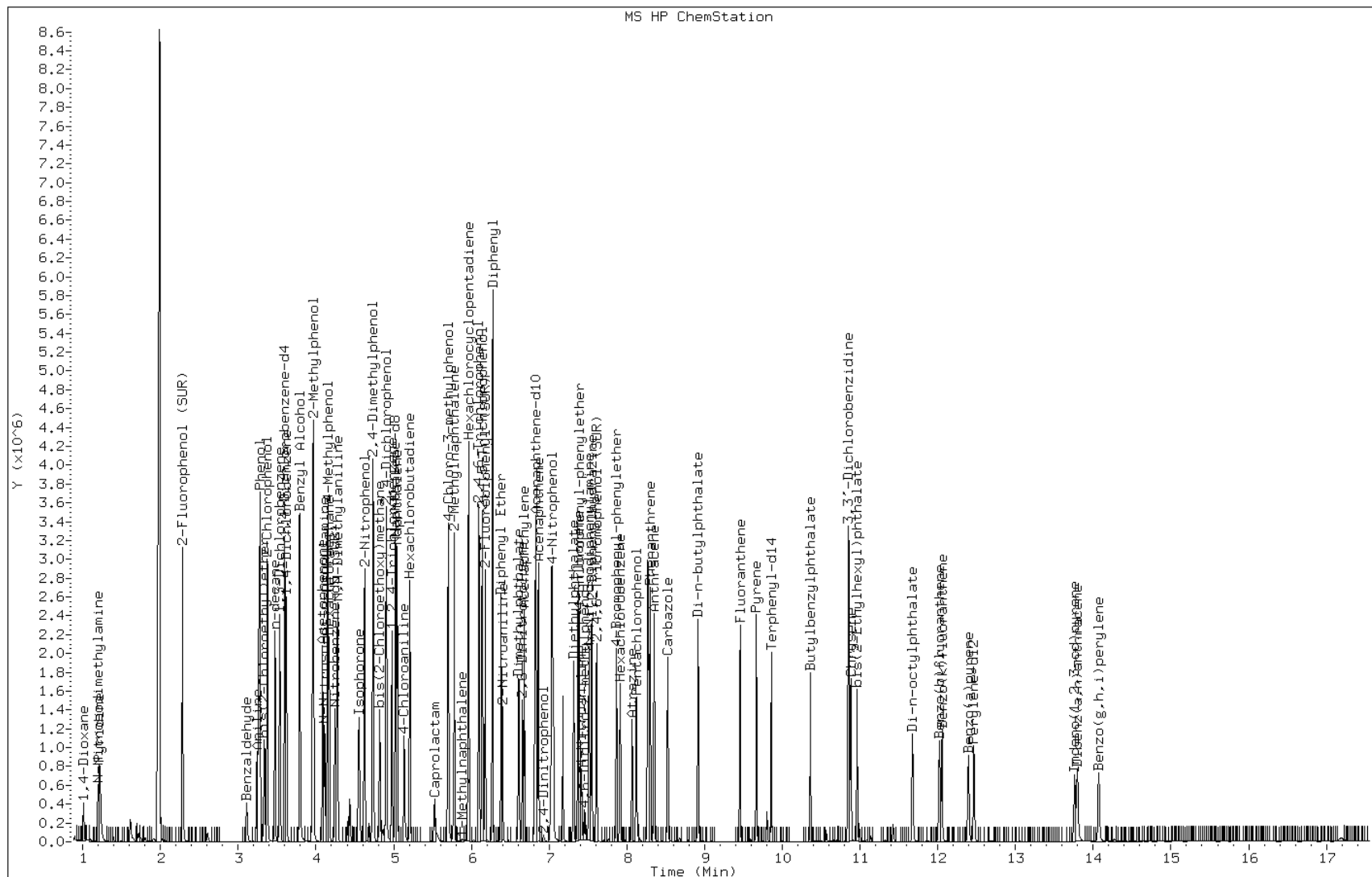
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.372	7.372	(1.080)	738431	31.0767	2100
48 4-Nitroaniline	138	7.419	7.425	(1.087)	120065	32.3043	2200
13 4,6-Dinitro-2-methylphenol	198	7.460	7.460	(0.901)	46216	12.5664	840(a)
49 N-Nitrosodiphenylamine	169	7.513	7.519	(0.908)	502475	33.6449	2200
75 1,2-Diphenylhydrazine	77	7.548	7.548	(0.912)	902311	31.2563	2100
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.613	7.613	(1.115)	206666	64.0140	4300
50 4-Bromophenyl-phenylether	248	7.865	7.871	(0.950)	206165	29.9431	2000
51 Hexachlorobenzene	284	7.918	7.918	(0.957)	208159	30.1770	2000
112 Atrazine	200	8.065	8.071	(0.974)	144274	24.9348	1700
14 Pentachlorophenol	266	8.124	8.124	(0.982)	164045	45.2408	3000
* 83 Phenanthrene-d10	188	8.277	8.283	(1.000)	1025414	40.0000	
52 Phenanthrene	178	8.300	8.306	(1.003)	901967	31.2932	2100
53 Anthracene	178	8.353	8.353	(1.009)	901405	30.8162	2000
54 Carbazole	167	8.523	8.529	(1.030)	755293	31.8485	2100
55 Di-n-butylphthalate	149	8.917	8.923	(1.077)	1074371	37.4077	2500
56 Fluoranthene	202	9.458	9.458	(1.143)	857431	32.9839	2200
58 Benzidine	184	9.640	9.628	(1.165)	3536	1.57818	100(aR)
57 Pyrene	202	9.669	9.675	(0.891)	853031	30.4349	2000
\$ 78 Terphenyl-d14	244	9.857	9.863	(0.908)	554126	29.9123	2000
59 Butylbenzylphthalate	149	10.362	10.368	(0.955)	355974	31.1110	2100
60 3,3'-Dichlorobenzidine	252	10.850	10.850	(0.999)	203339	30.1843	2000
61 Benzo(a)anthracene	228	10.850	10.850	(0.999)	678017	32.0056	2100
* 81 Chrysene-d12	240	10.856	10.862	(1.000)	697926	40.0000	
62 Chrysene	228	10.885	10.885	(1.003)	592897	31.1817	2100
63 bis(2-Ethylhexyl)phthalate	149	10.962	10.968	(1.010)	466388	31.5186	2100
64 Di-n-octylphthalate	149	11.678	11.684	(0.937)	658781	32.3698	2200
65 Benzo(b)fluoranthene	252	12.019	12.025	(0.964)	575115	35.1075	2300
66 Benzo(k)fluoranthene	252	12.055	12.060	(0.967)	600381	37.5389	2500
67 Benzo(a)pyrene	252	12.395	12.401	(0.994)	475980	34.7682	2300
* 84 Perylene-d12	264	12.466	12.472	(1.000)	494089	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.764	13.770	(1.104)	457169	35.1407	2300
69 Dibenz(a,h)anthracene	278	13.800	13.800	(1.107)	469382	36.4815	2400
70 Benzo(g,h,i)perylene	276	14.076	14.082	(1.129)	477298	35.6030	2400

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Instrument: BNAMS10.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32224-B-56-B MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10795.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/07/2011 11:56</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/14/2011 03:18</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>13.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1570		380	24
108-95-2	Phenol	5440		380	47
111-44-4	Bis(2-chloroethyl)ether	2940		38	8.0
95-57-8	2-Chlorophenol	5520		380	51
95-48-7	2-Methylphenol	5950		380	55
108-60-1	2,2'-oxybis[1-chloropropane]	2910		380	50
98-86-2	Acetophenone	2880		380	57
106-44-5	4-Methylphenol	5070		380	63
621-64-7	N-Nitrosodi-n-propylamine	3060		38	5.0
67-72-1	Hexachloroethane	2940		38	6.4
98-95-3	Nitrobenzene	2940		38	8.5
78-59-1	Isophorone	3120		380	44
88-75-5	2-Nitrophenol	5510		380	63
105-67-9	2,4-Dimethylphenol	6070		380	61
111-91-1	Bis(2-chloroethoxy)methane	3160		380	54
120-83-2	2,4-Dichlorophenol	5540		380	61
91-20-3	Naphthalene	3010		380	56
106-47-8	4-Chloroaniline	2100		380	48
87-68-3	Hexachlorobutadiene	3140		77	15
105-60-2	Caprolactam	3330		380	52
59-50-7	4-Chloro-3-methylphenol	6240		380	64
91-57-6	2-Methylnaphthalene	3110		380	56
77-47-4	Hexachlorocyclopentadiene	2510		380	110
88-06-2	2,4,6-Trichlorophenol	5520		380	68
95-95-4	2,4,5-Trichlorophenol	5430		380	74
92-52-4	1,1'-Biphenyl	3330		380	63
91-58-7	2-Chloronaphthalene	3220		380	54
88-74-4	2-Nitroaniline	3040		770	100
131-11-3	Dimethyl phthalate	3520		380	52
606-20-2	2,6-Dinitrotoluene	3320		77	9.7
208-96-8	Acenaphthylene	3110		380	55
99-09-2	3-Nitroaniline	2730		770	86
83-32-9	Acenaphthene	3520		380	54
51-28-5	2,4-Dinitrophenol	872	J	1200	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32224-B-56-B MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10795.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>10/07/2011 11:56</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/12/2011 15:52</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/14/2011 03:18</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>13.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89651</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6920		1200	98
132-64-9	Dibenzofuran	3430		380	57
121-14-2	2,4-Dinitrotoluene	3380		77	11
84-66-2	Diethyl phthalate	3430		380	51
86-73-7	Fluorene	3570		380	65
7005-72-3	4-Chlorophenyl phenyl ether	3360		380	66
100-01-6	4-Nitroaniline	2850		770	79
534-52-1	4,6-Dinitro-2-methylphenol	2430		1200	180
86-30-6	N-Nitrosodiphenylamine	3610		380	62
101-55-3	4-Bromophenyl phenyl ether	3480		380	68
118-74-1	Hexachlorobenzene	3380		38	5.3
1912-24-9	Atrazine	2800		380	71
87-86-5	Pentachlorophenol	2080		1200	190
85-01-8	Phenanthrene	7110		380	67
120-12-7	Anthracene	4110		380	67
86-74-8	Carbazole	3800		380	61
84-74-2	Di-n-butyl phthalate	3530		380	58
206-44-0	Fluoranthene	6900		380	63
129-00-0	Pyrene	5980		380	66
85-68-7	Butyl benzyl phthalate	3350		380	45
91-94-1	3,3'-Dichlorobenzidine	3220		770	84
56-55-3	Benzo[a]anthracene	5620		38	7.1
218-01-9	Chrysene	5300		380	56
117-81-7	Bis(2-ethylhexyl) phthalate	3360		380	51
117-84-0	Di-n-octyl phthalate	2570		380	45
205-99-2	Benzo[b]fluoranthene	5190		38	5.7
207-08-9	Benzo[k]fluoranthene	3770		38	5.3
50-32-8	Benzo[a]pyrene	4500		38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	4020		38	6.1
53-70-3	Dibenz(a,h)anthracene	3940		38	4.6
191-24-2	Benzo[g,h,i]perylene	4380		380	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-32224-B-56-B MSD
Matrix: Solid Lab File ID: z10795.d
Analysis Method: 8270C Date Collected: 10/07/2011 11:56
Extract. Method: 3541 Date Extracted: 10/12/2011 15:52
Sample wt/vol: 15.04(g) Date Analyzed: 10/14/2011 03:18
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 13.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89651 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	63		10-120
321-60-8	2-Fluorobiphenyl	83		40-109
367-12-4	2-Fluorophenol (Surr)	68		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	78		38-105
4165-62-2	Phenol-d5 (Surr)	69		41-118
1718-51-0	Terphenyl-d14 (Surr)	80		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10795.d
 Report Date: 15-Oct-2011 11:25

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10795.d
 Lab Smp Id: 32224-B-56-B MSD
 Inj Date : 14-OCT-2011 03:18
 Operator : BNAMS 4
 Smp Info : 32224-B-56-B MSD
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/8270Cdel_08.m
 Meth Date : 14-Oct-2011 01:03 asfawa
 Cal Date : 14-OCT-2011 00:28
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10789.d

QC Sample: MSD

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	1.108	1.009	(0.321)	211152	26.2597	1800
19 N-Nitrosodimethylamine	74	1.285	1.197	(0.372)	441876	40.5219	2700
71 Pyridine	79	1.302	1.214	(0.377)	592085	29.5484	2000
\$ 16 2-Fluorophenol (SUR)	112	2.267	2.220	(0.656)	1249141	67.5125	4500
110 Benzaldehyde	77	3.008	2.997	(0.871)	134662	20.3685	1400
73 Aniline	93	3.126	3.120	(0.905)	622353	23.1016	1500
\$ 17 Phenol-d5 (SUR)	99	3.138	3.132	(0.908)	1514200	68.8073	4600
1 Phenol	94	3.155	3.150	(0.913)	1667958	70.6619	4700
20 bis(2-Chloroethyl)ether	93	3.208	3.203	(0.928)	712365	38.1830	2500
2 2-Chlorophenol	128	3.249	3.244	(0.940)	1387707	71.7308	4800
113 n-decane	43	3.320	3.320	(0.961)	701893	37.2079	2500
21 1,3-Dichlorobenzene	146	3.396	3.391	(0.983)	821717	38.2820	2600
* 79 1,4-Dichlorobenzene-d4	152	3.455	3.450	(1.000)	534355	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10795.d
 Report Date: 15-Oct-2011 11:25

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.467	3.467	(1.003)	826263	38.0331	2500
74 Benzyl Alcohol	108	3.620	3.626	(1.048)	451789	39.8244	2600
23 1,2-Dichlorobenzene	146	3.620	3.620	(1.048)	786426	38.7907	2600
24 bis (2-chloroisopropyl) ether	45	3.755	3.761	(1.087)	824943	37.8338	2500
3 2-Methylphenol	108	3.755	3.767	(1.087)	1206877	77.2782	5200
104 Acetophenone	105	3.885	3.891	(1.124)	889219	37.4150	2500
25 N-Nitroso-di-n-propylamine	70	3.902	3.908	(1.129)	482958	39.7988	2600
4 4-Methylphenol	108	3.926	3.932	(1.136)	1142220	65.9304	4400
121 3 & 4 Methylphenol	108	3.926	3.932	(1.136)	1142220	65.9304	4400
26 Hexachloroethane	117	3.961	3.967	(1.146)	334816	38.2320	2500
\$ 76 Nitrobenzene-d5 (SUR)	82	4.026	4.038	(0.847)	754547	39.1699	2600
27 Nitrobenzene	77	4.049	4.061	(0.852)	992315	38.1576	2500
107 N,N-Dimethylaniline	120	4.055	4.061	(1.174)	911937	32.7485	2200
28 Isophorone	82	4.308	4.308	(0.906)	1197898	40.5542	2700
5 2-Nitrophenol	139	4.379	4.379	(0.921)	638488	71.5642	4800
6 2,4-Dimethylphenol	122	4.467	4.467	(0.939)	1104891	78.9508	5300
29 bis(2-Chloroethoxy)methane	93	4.543	4.549	(0.955)	745186	41.0878	2700
7 2,4-Dichlorophenol	162	4.638	4.638	(0.975)	881546	72.0490	4800
30 1,2,4-Trichlorobenzene	180	4.708	4.708	(0.990)	567202	39.7927	2600
* 80 Naphthalene-d8	136	4.755	4.755	(1.000)	1849719	40.0000	
31 Naphthalene	128	4.773	4.779	(1.004)	1992826	39.1605	2600
32 4-Chloroaniline	127	4.849	4.855	(1.020)	492634	27.3151	1800
33 Hexachlorobutadiene	225	4.920	4.920	(1.035)	348031	40.7839	2700
111 Caprolactam	113	5.237	5.244	(1.101)	129490	43.3412	2900
8 4-Chloro-3-methylphenol	107	5.385	5.385	(1.132)	1006018	81.0913	5400
34 2-Methylnaphthalene	142	5.473	5.479	(1.151)	1194315	40.4431	2700
35 Hexachlorocyclopentadiene	237	5.643	5.649	(0.869)	219078	32.5914	2200
9 2,4,6-Trichlorophenol	196	5.779	5.779	(0.890)	515366	71.7146	4800
10 2,4,5-Trichlorophenol	196	5.820	5.820	(0.896)	521219	70.5089	4700
\$ 77 2-Fluorobiphenyl (SUR)	172	5.855	5.855	(0.901)	1181437	41.4387	2800
36 2-Chloronaphthalene	162	5.955	5.955	(0.917)	1002016	41.8131	2800
102 Diphenyl	154	5.949	5.949	(0.916)	1443079	43.2409	2900
103 Diphenyl Ether	170	6.055	6.055	(0.932)	717929	42.6247	2800
37 2-Nitroaniline	65	6.073	6.079	(0.935)	283388	39.4906	2600
38 Dimethylphthalate	163	6.273	6.279	(0.966)	1001256	45.6980	3000
40 2,6-Dinitrotoluene	165	6.326	6.326	(0.974)	219335	43.1799	2900
39 Acenaphthylene	152	6.355	6.361	(0.978)	1530746	40.3997	2700
41 3-Nitroaniline	138	6.479	6.485	(0.997)	190806	35.5293	2400
* 82 Acenaphthene-d10	164	6.496	6.502	(1.000)	774372	40.0000	
42 Acenaphthene	154	6.532	6.532	(1.005)	1021355	45.8085	3000
11 2,4-Dinitrophenol	184	6.590	6.596	(1.014)	28333	11.3360	760(a)
12 4-Nitrophenol	65	6.696	6.702	(1.031)	313153	89.9993	6000
43 Dibenzofuran	168	6.702	6.702	(1.032)	1315698	44.5599	3000
44 2,4-Dinitrotoluene	165	6.720	6.726	(1.034)	260794	43.9522	2900
45 Diethylphthalate	149	6.967	6.973	(1.072)	991997	44.5261	3000
47 Fluorene	166	7.031	7.038	(1.082)	1086228	46.4452	3100
46 4-Chlorophenyl-phenylether	204	7.049	7.049	(1.085)	459755	43.6191	2900

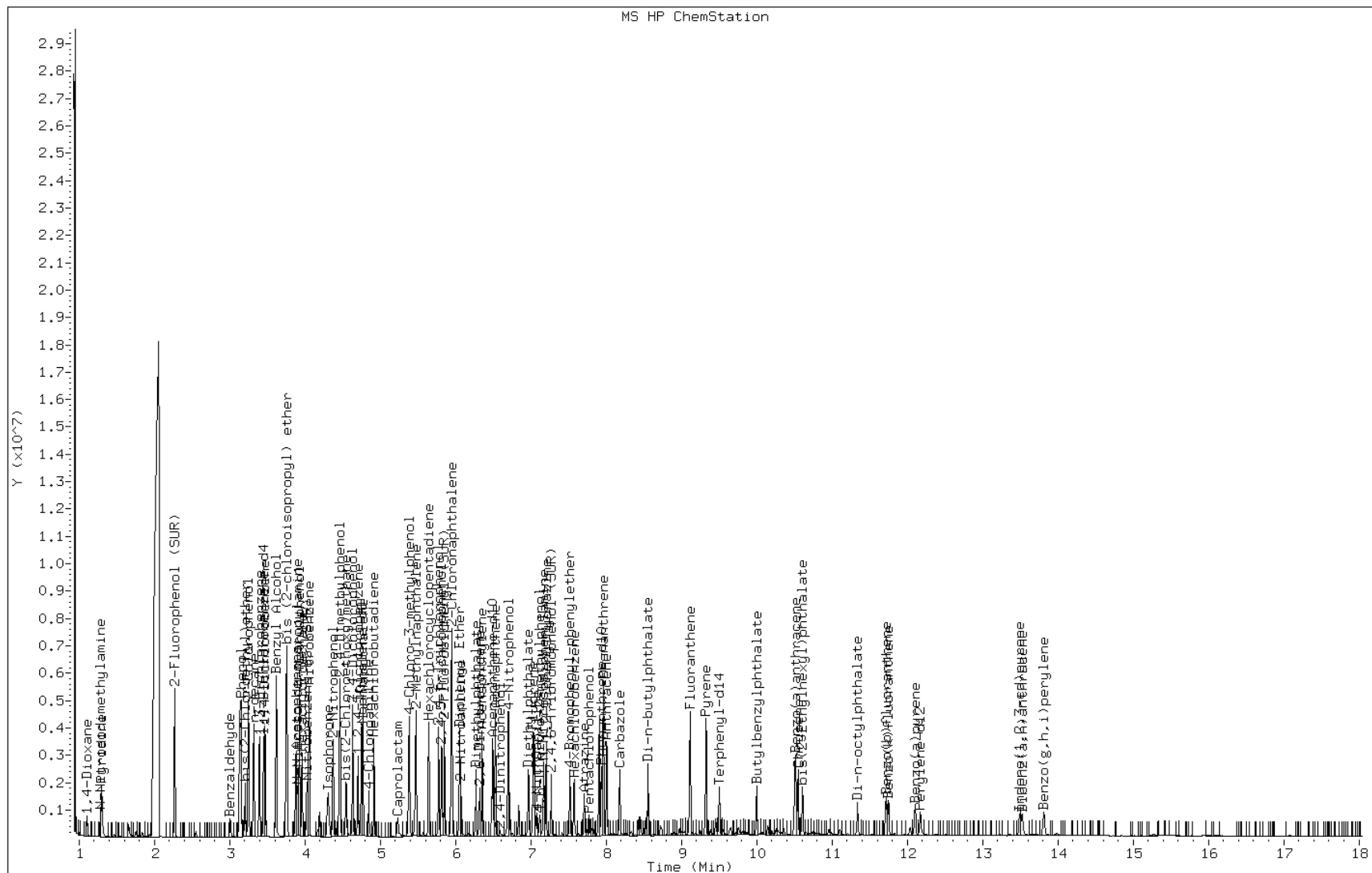
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/13oct11c.b/z10795.d
 Report Date: 15-Oct-2011 11:25

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.079	7.085	(1.090)		150006	36.9986	2500
13 4,6-Dinitro-2-methylphenol	198		7.120	7.126	(0.897)		85366	31.6361	2100
49 N-Nitrosodiphenylamine	169		7.173	7.173	(0.904)		645586	46.8560	3100
75 1,2-Diphenylhydrazine	77		7.202	7.208	(0.907)		1225176	44.7893	3000
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.273	7.279	(1.120)		211243	63.0206	4200
50 4-Bromophenyl-phenylether	248		7.520	7.526	(0.947)		246736	45.1670	3000
51 Hexachlorobenzene	284		7.578	7.579	(0.955)		252931	43.9127	2900
112 Atrazine	200		7.714	7.720	(0.972)		153614	36.4243	2400
14 Pentachlorophenol	266		7.779	7.779	(0.980)		76637	27.0210	1800
* 83 Phenanthrene-d10	188		7.937	7.937	(1.000)		867230	40.0000	
52 Phenanthrene	178		7.961	7.961	(1.003)		2290546	92.4232	6200(R)
53 Anthracene	178		8.008	8.014	(1.009)		1323046	53.3827	3600
54 Carbazole	167		8.178	8.185	(1.030)		937330	49.3734	3300
55 Di-n-butylphthalate	149		8.561	8.561	(1.079)		1250076	45.9005	3100
56 Fluoranthene	202		9.114	9.114	(1.148)		1737249	89.6980	6000(R)
58 Benzidine	184		9.273	9.267	(1.168)		3520	1.53098	100(aR)
57 Pyrene	202		9.325	9.326	(0.886)		1517756	77.7119	5200(R)
\$ 78 Terphenyl-d14	244		9.508	9.508	(0.904)		537727	39.8408	2600
59 Butylbenzylphthalate	149		10.002	10.002	(0.951)		381530	43.5500	2900
61 Benzo(a)anthracene	228		10.514	10.514	(0.999)		931838	73.0652	4900(R)
60 3,3'-Dichlorobenzidine	252		10.508	10.508	(0.999)		146376	41.8648	2800
* 81 Chrysene-d12	240		10.520	10.526	(1.000)		440069	40.0000	
62 Chrysene	228		10.549	10.549	(1.003)		855631	68.8901	4600(R)
63 bis(2-Ethylhexyl)phthalate	149		10.608	10.608	(1.008)		517903	43.6877	2900
64 Di-n-octylphthalate	149		11.337	11.337	(0.931)		690662	33.3441	2200
65 Benzo(b)fluoranthene	252		11.719	11.720	(0.963)		783443	67.3962	4500(R)
66 Benzo(k)fluoranthene	252		11.749	11.749	(0.965)		661865	49.0199	3300
67 Benzo(a)pyrene	252		12.102	12.102	(0.994)		574994	58.4750	3900(R)
* 84 Perylene-d12	264		12.172	12.173	(1.000)		404909	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		13.496	13.496	(1.109)		478816	52.2384	3500(M)
69 Dibenz(a,h)anthracene	278		13.525	13.525	(1.111)		472563	51.2151	3400
70 Benzo(g,h,i)perylene	276		13.813	13.814	(1.135)		534258	56.9386	3800(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.

Operator: BNAMS 4

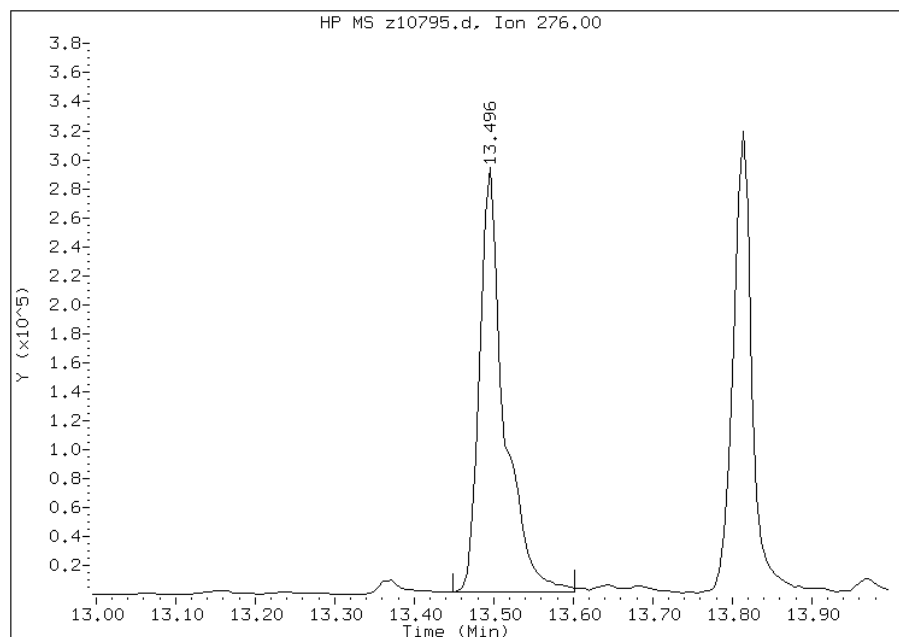


Manual Integration Report

Data File: z10795.d
Inj. Date and Time: 14-OCT-2011 03:18
Instrument ID: BNAMS11.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 10/15/2011

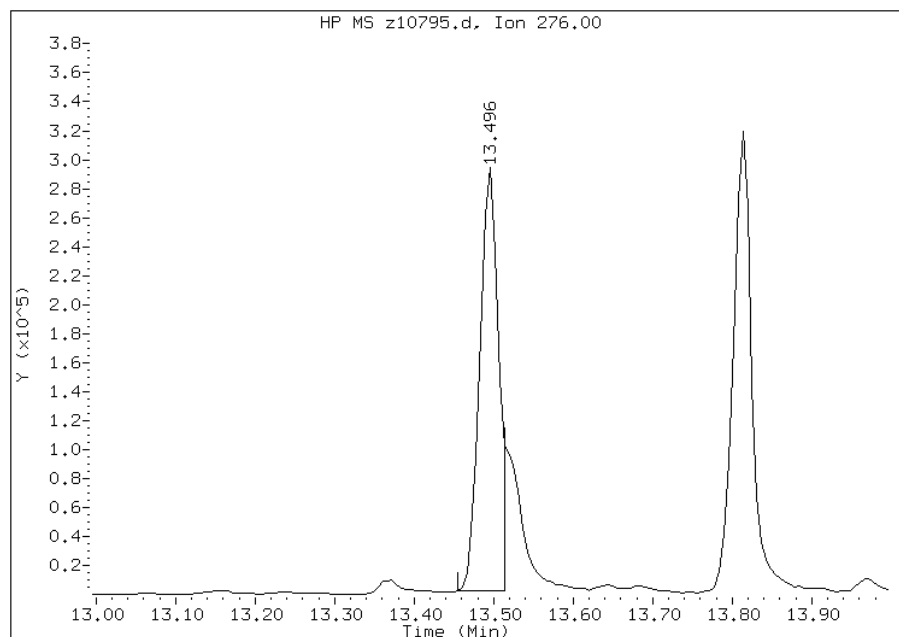
Processing Integration Results

RT: 13.50
Response: 621213
Amount: 68
Conc: 4518



Manual Integration Results

RT: 13.50
Response: 478816
Amount: 52
Conc: 3483



Manually Integrated By: rusin
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 10/10/2011 11:52Analysis Batch Number: 89687 End Date: 10/10/2011 14:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-89687/1		10/10/2011 11:52	1	p20108.d	Rtx-5MS 0.25 (mm)
ICIS 460-89687/2		10/10/2011 12:55	1	p20110.d	Rtx-5MS 0.25 (mm)
IC 460-89687/3		10/10/2011 13:21	1	p20111.d	Rtx-5MS 0.25 (mm)
IC 460-89687/4		10/10/2011 13:46	1	p20112.d	Rtx-5MS 0.25 (mm)
IC 460-89687/5		10/10/2011 14:12	1	p20113.d	Rtx-5MS 0.25 (mm)
IC 460-89687/6		10/10/2011 14:38	1	p20114.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 10/16/2011 13:45Analysis Batch Number: 89864 End Date: 10/16/2011 19:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-89864/1		10/16/2011 13:45	1	p20304.d	Rtx-5MS 0.25 (mm)
CCVIS 460-89864/2		10/16/2011 14:14	1	p20305.d	Rtx-5MS 0.25 (mm)
LCS 460-89103/2-A		10/16/2011 16:07	1	p20306.d	Rtx-5MS 0.25 (mm)
MB 460-89103/1-A		10/16/2011 16:33	1	p20307.d	Rtx-5MS 0.25 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/16/2011 16:59	1	p20308.d	Rtx-5MS 0.25 (mm)
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/16/2011 17:25	1	p20309.d	Rtx-5MS 0.25 (mm)
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/16/2011 17:50	1	p20310.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/16/2011 18:17	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/16/2011 18:43	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/16/2011 19:09	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 10/16/2011 19:38Analysis Batch Number: 89865 End Date: 10/16/2011 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-89865/1		10/16/2011 19:38	1	p20314.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

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.: 460-32128-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/14/2011 00:00Analysis Batch Number: 89651 End Date: 10/14/2011 08:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-89651/1		10/14/2011 00:00	1	z10788.d	Rtx-5MS 0.25 (mm)
CCVIS 460-89651/2		10/14/2011 00:28	1	z10789.d	Rtx-5MS 0.25 (mm)
MB 460-89256/1-A		10/14/2011 01:37	1	z10791.d	Rtx-5MS 0.25 (mm)
LCS 460-89256/2-A		10/14/2011 02:02	1	z10792.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 02:28	1		Rtx-5MS 0.25 (mm)
460-32224-B-56-A MS		10/14/2011 02:53	1	z10794.d	Rtx-5MS 0.25 (mm)
460-32224-B-56-B MSD		10/14/2011 03:18	1	z10795.d	Rtx-5MS 0.25 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/14/2011 03:43	1	z10796.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 04:08	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 04:34	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 04:59	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 05:24	1		Rtx-5MS 0.25 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/14/2011 05:49	1	z10801.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 06:14	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 06:40	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 07:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 07:30	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/14/2011 08:26	2		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 10/14/2011 08:52Analysis Batch Number: 89652 End Date: 10/14/2011 08:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-89652/1		10/14/2011 08:52	1	z10808.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAWS11.i
Analytical Batch: /chem/BNAWS11.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	BNA 4587 G	87600
09/26/11	1059	210238.d	2 ICIS-1143618			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1135	210239.d	3 IC-1143620			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1200	210240.d	4 IC-1143607			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1225	210241.d	5 IC-1143619			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1250	210242.d	6 IC-1143617			1000	2		1	1.0 all	BNA 4587 G	
09/26/11	1349	210244.d	8 icv	26sep11		1000	1		1	1.0 all	BNA 4587 G	

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Signed:  Read and Understood by:  Date: 09.26.11

Date: 09.30.11

TESTMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.1
Analytical Batch: /chem/BNAMS11.1/8270/09-26-11DEL/13oct11c.b

Date Generated: 10/14/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/14/11 0000	210788.d	1	DFPP-1175410	—	—	0	0	1	2.0	all	—	89651
10/14/11 0028	210789.d	2	CCVIS-1143618	—	—	1000	2	1	1.0	all	—	4589 & no benzothiazole benzidine
10/14/11 0112	210790.d	3	LCS 460-89256/2-A	13oct11c	—	15	1	1	1.0	all-so	—	PR spike high
10/14/11 0137	210791.d	4	MB 460-89256/1-A	13oct11c	—	15	1	1	1.0	all-so	—	6
10/14/11 0202	210792.d	5	LCS 460-89256/2-A	13oct11c	—	15	1	1	1.0	all-so	—	6
10/14/11 0228	210793.d	6	460-32224-B-56-C	460-89256	10/12/11	15.0	1	1	1.0	all-so	—	6
10/14/11 0253	210794.d	7	460-32224-B-56-A MS	460-89256	10/12/11	15.1	1	1	1.0	all-so	—	6
10/14/11 0318	210795.d	8	32224-B-56-B MSD	13oct11c	10/12/11	15	1	1	1.0	all-so	—	6
10/14/11 0343	210796.d	9	460-32128-D-7-A	460-89256	10/12/11	15.0	1	1	1.0	all-so	—	6
10/14/11 0408	210797.d	10	460-32224-A-41-B	460-89256	10/12/11	15.1	1	1	1.0	all-so	—	6
10/14/11 0434	210798.d	11	460-32224-B-10-A	460-89256	10/12/11	15.0	1	1	1.0	all-so	—	6
10/14/11 0459	210799.d	12	460-32224-A-11-D	460-89256	10/12/11	15.0	1	1	1.0	all-so	—	6
10/14/11 0524	210800.d	13	460-32224-A-47-B	460-89256	10/12/11	15.0	1	1	1.0	all-so	—	6
10/14/11 0549	210801.d	14	460-32128-D-6-A	460-89256	10/12/11	15.1	1	1	1.0	all-so	—	6

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: ENAMS11.i

Analytical Batch: /chem/ENAMS11.i/8270/09-26-11DEL/13oct11c.b

Date Generated: 10/14/2011

Page 2

Date	Data File	ALS	Sample ID	IPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/14/11 0614	210802.d	15	460-32224-B-1-A	460-89256	10/12/11 15.0	1			1	1.0 all-so	-	2
10/14/11 0640	210803.d	16	460-32224-A-5-B	460-89256	10/12/11 15.0	1			1	1.0 all-so	-	6
10/14/11 0705	210804.d	17	460-32224-B-20-A	460-89256	10/12/11 15.0	1			1	1.0 all-so	-	6
10/14/11 0730	210805.d	18	460-32224-A-21-B	460-89256	10/12/11 15.0	1			1	1.0 all-so	-	6
10/14/11 0755	210806.d	19	460-32224-A-29-B	460-89256	10/12/11 15.0	1			1	1.0 all-so	-	
10/14/11 0826	210807.d	20	460-32224-A-29-B	460-89256	10/12/11 15.0	1			2	1.0 all-so	-	pe-20 bad machine. Titrated 300uL sample & 6uL 70mL
10/14/11 0852	210808.d	21	CCV-1143618	13OCT11C	-	1000	2		1	1.0 all	4087	6 bad client

Signed: Indrak Mehta Read and Understood by: [Signature]

Date: 10/14/11 Date: 10.16.11

TESTAMERICA

Instrument ID: BNAMS10.i

Analytical Batch: /chem/BNAMS10.i/8270/10-10-11DEL/10oct11.b

Date Generated: 10/16/2011

Page 1

Date	Data	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj	Sublist	LOT	COMMENTS
	File								Vol			
10/10/11 1152	p20108.d	1	DFTPP-1175410			0	0		1	2.0 all	4589	89687
10/10/11 1255	p20110.d	3	ICIS-1143618				1000 2		1	1.0 all	4587	
10/10/11 1321	p20111.d	4	IC-1143620				1000 2		1	1.0 all	1	DEZ
10/10/11 1346	p20112.d	5	IC-1143607				1000 2		1	1.0 all		
10/10/11 1412	p20113.d	6	IC-1143619				1000 2		1	1.0 all		
10/10/11 1438	p20114.d	7	IC-1143617				1000 2		1	1.0 all		
10/10/11 1552	p20116.d	9	icv	10oct11			1000 1		1	1.0 all		

Signed:

Read and Understood by:

Date: _____

Date:

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i
Analytical Batch: /chem/BNAMS10.i/8270/10-10-11DEL/16oct11.b

Date Generated: 10/17/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/16/11 1345	p20304.d	1	DFTPP-1175410			0 0		1 2.0	all	BNM 4589	89864
10/16/11 1414	p20305.d	2	CCVIS-1143618			1000 2		1 1.0	all	BNM 4600	G- 8270 DEL
10/16/11 1607	p20306.d	3	LCS 460-89103/2-A	16oct11		15 1		1 1.0	all		G
10/16/11 1633	p20307.d	4	MB 460-89103/1-A	16oct11		15 1		1 1.0	all		G
10/16/11 1659	p20308.d	5	460-32128-D-13-K	460-89103	10/11/11	15.0 1		1 1.0	all		G
10/16/11 1725	p20309.d	6	460-32128-D-13-I MS	460-89103	10/11/11	15.0 1		1 1.0	all		G
10/16/11 1750	p20310.d	7	32128-D-13-J MSD	16oct11		15 1		1 1.0	all		G
10/16/11 1817	p20311.d	8	460-32177-A-3-A	460-89103	10/11/11	15.0 1		1 1.0	all		G
10/16/11 1843	p20312.d	9	460-32177-A-2-A	460-89103	10/11/11	15.0 1		1 1.0	all		G
10/16/11 1909	p20313.d	10	460-32177-A-1-A	460-89103	10/11/11	15.0 1		1 1.0	all		G
10/16/11 1938	p20314.d	11	CCV-1143618			1000 2		1 1.0	all	BNM 4600	G

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Signed:  Read and Understood by: 
Date: 10.17.11 Date: 10-18-11

11/11/2011

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89103 Batch Start Date: 10/11/11 15:18 Batch Analyst: Windham, Frank HBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP8270SoilSUR 00002	OP8270SP 00020		
MB 460-89103/1		3541, 8270C		15.00 g	1 mL	500 uL			
LCS 460-89103/2		3541, 8270C		15.00 g	1 mL	500 uL	0.5 mL		
460-32128-D-13 MS	FB-17338-100411- MM-138	3541, 8270C	T	15.02 g	1 mL	500 uL	0.5 mL		
460-32128-D-13 MSD	FB-17338-100411- MM-138	3541, 8270C	T	15.02 g	1 mL	500 uL	0.5 mL		
460-32128-D-13	FB-17338-100411- MM-138	3541, 8270C	T	15.05 g	1 mL	500 uL			

Batch Notes	
Balance ID	30
Batch Comment	BNA SOIL 8270DEL
Vendor lot number	K02E21
Na2SO4 Lot Number	K12590
Person's name who did the prep	FW
Person's name who witnessed reagent drop	ME
Solvent	ACETONE/MeCl2

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89256 Batch Start Date: 10/12/11 15:52 Batch Analyst: Windham, Frank HBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP8270SoilSUR 00002	OP8270SP 00020		
MB 460-89256/1		3541, 8270C		15.00 g	1 mL	500 uL			
LCS 460-89256/2		3541, 8270C		15.00 g	1 mL	500 uL	0.5 mL		
460-32224-B-56 MS		3541, 8270C	T	15.05 g	1 mL	500 uL	0.5 mL		
460-32224-B-56 MSD		3541, 8270C	T	15.04 g	1 mL	500 uL	0.5 mL		
460-32128-D-6	SO-17338-100411- MM-131	3541, 8270C	T	15.05 g	1 mL	500 uL			
460-32128-D-7	SO-17338-100411- MM-132	3541, 8270C	T	15.01 g	1 mL	500 uL			

Batch Notes	
Balance ID	30
Batch Comment	BNA SOIL 8270DEL
Vendor lot number	K02E21
Na2SO4 Lot Number	K12590
Person's name who did the prep	FW
Person's name who witnessed reagent drop	AA
Solvent	ACETONE/MeCl2

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.: 460-32128-1
 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-17338-100411-MM-131	460-32128-6	44	49	58	61
SO-17338-100411-MM-132	460-32128-7	76	79	87	92
FB-17338-100411-MM-138	460-32128-13	85	92	105	145
	MB 460-89001/1-A	87	95	110	116
	MB 460-89299/1-A	98	101	104	105
	LCS 460-89001/2-A	101	101	107	153 X
	LCS 460-89299/2-A	99	94	108	103
FB-17338-100411-MM-138 MS	460-32128-13 MS	98	99	127	145
	460-32001-C-12-F MS	99	101	107	121
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	107	109	121	158 X
	460-32001-C-12-G MSD	100	97	103	179 X

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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125361.d
 Lab ID: LCS 460-89001/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	128	96	58-138	
beta-BHC	133	126	95	60-139	
delta-BHC	133	137	102	60-141	
gamma-BHC (Lindane)	133	132	99	58-136	
Heptachlor	133	130	98	58-137	
Aldrin	133	137	103	58-143	
Heptachlor epoxide	133	131	99	59-136	
Endosulfan I	133	131	98	60-138	
Dieldrin	133	135	101	55-128	
4,4'-DDE	133	135	101	58-150	
Endrin	133	144	108	61-150	
Endosulfan II	133	141	106	59-133	
4,4'-DDD	133	137	103	63-150	
Endosulfan sulfate	133	138	103	56-133	
4,4'-DDT	133	141	105	57-150	
Methoxychlor	133	136	102	42-150	
Endrin ketone	133	135	102	62-139	
Endrin aldehyde	133	123	92	55-122	
alpha-Chlordane	133	129	97	49-143	
gamma-Chlordane	133	132	99	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125361.d
 Lab ID: LCS 460-89001/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	118	88	58-138	
beta-BHC	133	129	96	60-139	
delta-BHC	133	122	91	60-141	
gamma-BHC (Lindane)	133	118	88	58-136	
Heptachlor	133	125	94	58-137	
Aldrin	133	123	92	58-143	
Heptachlor epoxide	133	135	101	59-136	
Endosulfan I	133	136	102	60-138	
Dieldrin	133	144	108	55-128	
4,4'-DDE	133	137	103	58-150	
Endrin	133	148	111	61-150	
Endosulfan II	133	141	106	59-133	
4,4'-DDD	133	143	107	63-150	
Endosulfan sulfate	133	126	95	56-133	
4,4'-DDT	133	144	108	57-150	
Methoxychlor	133	128	96	42-150	
Endrin ketone	133	137	103	62-139	
Endrin aldehyde	133	124	93	55-122	
alpha-Chlordane	133	110	83	49-143	
gamma-Chlordane	133	136	102	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125392.d
 Lab ID: LCS 460-89299/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	122	91	58-138	
beta-BHC	133	122	91	60-139	
delta-BHC	133	124	93	60-141	
gamma-BHC (Lindane)	133	125	94	58-136	
Heptachlor	133	126	95	58-137	
Aldrin	133	128	96	58-143	
Heptachlor epoxide	133	122	91	59-136	
Endosulfan I	133	119	89	60-138	
Dieldrin	133	122	92	55-128	
4,4'-DDE	133	125	94	58-150	
Endrin	133	113	84	61-150	
Endosulfan II	133	118	89	59-133	
4,4'-DDD	133	122	91	63-150	
Endosulfan sulfate	133	110	82	56-133	
4,4'-DDT	133	123	93	57-150	
Methoxychlor	133	111	83	42-150	
Endrin ketone	133	112	84	62-139	
Endrin aldehyde	133	112	84	55-122	
alpha-Chlordane	133	119	89	49-143	
gamma-Chlordane	133	121	91	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125392.d
 Lab ID: LCS 460-89299/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	119	89	58-138	
beta-BHC	133	123	92	60-139	
delta-BHC	133	118	89	60-141	
gamma-BHC (Lindane)	133	118	89	58-136	
Heptachlor	133	121	91	58-137	
Aldrin	133	126	94	58-143	
Heptachlor epoxide	133	126	94	59-136	
Endosulfan I	133	128	96	60-138	
Dieldrin	133	127	95	55-128	
4,4'-DDE	133	121	91	58-150	
Endrin	133	118	88	61-150	
Endosulfan II	133	122	91	59-133	
4,4'-DDD	133	125	94	63-150	
Endosulfan sulfate	133	110	82	56-133	
4,4'-DDT	133	126	94	57-150	
Methoxychlor	133	116	87	42-150	
Endrin ketone	133	115	86	62-139	
Endrin aldehyde	133	113	85	55-122	
alpha-Chlordane	133	124	93	49-143	
gamma-Chlordane	133	126	94	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125362.d
 Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	133	6.7 U	127	95	58-138	
beta-BHC	133	6.7 U	126	95	60-139	
delta-BHC	133	6.7 U	137	103	60-141	
gamma-BHC (Lindane)	133	6.7 U	131	98	58-136	
Heptachlor	133	6.7 U	131	98	58-137	
Aldrin	133	6.7 U	130	98	58-143	
Heptachlor epoxide	133	6.7 U	134	100	59-136	
Endosulfan I	133	6.7 U	132	99	60-138	
Dieldrin	133	6.7 U	137	103	55-128	
4,4'-DDE	133	6.7 U	137	103	58-150	
Endrin	133	6.7 U	146	110	61-150	
Endosulfan II	133	6.7 U	136	102	59-133	
4,4'-DDD	133	6.7 U	137	103	63-150	
Endosulfan sulfate	133	6.7 U	134	101	56-133	
4,4'-DDT	133	6.7 U	143	108	57-150	
Methoxychlor	133	6.7 U	138	104	42-150	
Endrin ketone	133	6.7 U	144	108	62-139	
Endrin aldehyde	133	6.7 U	120	90	55-122	
alpha-Chlordane	133	6.7 U	130	98	49-143	
gamma-Chlordane	133	6.7 U	134	100	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125362.d
 Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	133	6.7 U	118	89	58-138	
beta-BHC	133	6.7 U	123	92	60-139	
delta-BHC	133	6.7 U	124	93	60-141	
gamma-BHC (Lindane)	133	6.7 U	119	89	58-136	
Heptachlor	133	6.7 U	123	93	58-137	
Aldrin	133	6.7 U	125	94	58-143	
Heptachlor epoxide	133	6.7 U	136	102	59-136	
Endosulfan I	133	6.7 U	138	104	60-138	
Dieldrin	133	6.7 U	146	110	55-128	
4,4'-DDE	133	6.7 U	138	103	58-150	
Endrin	133	6.7 U	150	113	61-150	
Endosulfan II	133	6.7 U	144	108	59-133	
4,4'-DDD	133	6.7 U	147	110	63-150	
Endosulfan sulfate	133	6.7 U	128	96	56-133	
4,4'-DDT	133	6.7 U	146	110	57-150	
Methoxychlor	133	6.7 U	131	98	42-150	
Endrin ketone	133	6.7 U	132	99	62-139	
Endrin aldehyde	133	6.7 U	125	94	55-122	
alpha-Chlordane	133	6.7 U	101	76	49-143	
gamma-Chlordane	133	6.7 U	136	102	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125393.d
 Lab ID: 460-32001-C-12-F MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	178	8.9 U	171	96	58-138	
beta-BHC	178	8.9 U	170	96	60-139	
delta-BHC	178	8.9 U	180	102	60-141	
gamma-BHC (Lindane)	178	8.9 U	176	99	58-136	
Heptachlor	178	8.9 U	177	99	58-137	
Aldrin	178	8.9 U	180	101	58-143	
Heptachlor epoxide	178	8.9 U	173	98	59-136	
Endosulfan I	178	8.9 U	171	97	60-138	
Dieldrin	178	8.9 U	178	100	55-128	
4,4'-DDE	178	8.9 U	176	99	58-150	
Endrin	178	8.9 U	182	102	61-150	
Endosulfan II	178	8.9 U	175	99	59-133	
4,4'-DDD	178	8.9 U	175	98	63-150	
Endosulfan sulfate	178	8.9 U	173	97	56-133	
4,4'-DDT	178	8.9 U	183	103	57-150	
Methoxychlor	178	8.9 U	174	98	42-150	
Endrin ketone	178	8.9 U	178	100	62-139	
Endrin aldehyde	178	8.9 U	169	95	55-122	
alpha-Chlordane	178	8.9 U	169	95	49-143	
gamma-Chlordane	178	8.9 U	174	98	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125393.d
 Lab ID: 460-32001-C-12-F MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	178	8.9 U	157	88	58-138	
beta-BHC	178	8.9 U	163	92	60-139	
delta-BHC	178	8.9 U	159	90	60-141	
gamma-BHC (Lindane)	178	8.9 U	157	88	58-136	
Heptachlor	178	8.9 U	158	89	58-137	
Aldrin	178	8.9 U	161	90	58-143	
Heptachlor epoxide	178	8.9 U	172	97	59-136	
Endosulfan I	178	8.9 U	172	97	60-138	
Dieldrin	178	8.9 U	178	100	55-128	
4,4'-DDE	178	8.9 U	164	93	58-150	
Endrin	178	8.9 U	182	102	61-150	
Endosulfan II	178	8.9 U	168	95	59-133	
4,4'-DDD	178	8.9 U	175	98	63-150	
Endosulfan sulfate	178	8.9 U	150	84	56-133	
4,4'-DDT	178	8.9 U	174	98	57-150	
Methoxychlor	178	8.9 U	161	91	42-150	
Endrin ketone	178	8.9 U	162	91	62-139	
Endrin aldehyde	178	8.9 U	153	86	55-122	
alpha-Chlordane	178	8.9 U	172	97	49-143	
gamma-Chlordane	178	8.9 U	172	97	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125363.d
 Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	133	143	107	12	30	58-138	
beta-BHC	133	141	106	12	30	60-139	
delta-BHC	133	154	116	11	30	60-141	
gamma-BHC (Lindane)	133	146	110	11	30	58-136	
Heptachlor	133	146	110	12	30	58-137	
Aldrin	133	147	111	12	30	58-143	
Heptachlor epoxide	133	148	111	10	30	59-136	
Endosulfan I	133	149	112	12	30	60-138	
Dieldrin	133	154	116	11	30	55-128	
4,4'-DDE	133	154	116	12	30	58-150	
Endrin	133	163	122	11	30	61-150	
Endosulfan II	133	153	115	12	30	59-133	
4,4'-DDD	133	153	115	11	30	63-150	
Endosulfan sulfate	133	154	116	14	30	56-133	
4,4'-DDT	133	159	119	10	30	57-150	
Methoxychlor	133	152	114	15	30	42-150	
Endrin ketone	133	155	116	15	30	62-139	
Endrin aldehyde	133	138	104	14	30	55-122	
alpha-Chlordane	133	147	110	12	30	49-143	
gamma-Chlordane	133	148	112	10	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125363.d
 Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	133	131	99	11	30	58-138	
beta-BHC	133	134	101	8	30	60-139	
delta-BHC	133	137	103	10	30	60-141	
gamma-BHC (Lindane)	133	134	101	12	30	58-136	
Heptachlor	133	139	105	12	30	58-137	
Aldrin	133	140	106	12	30	58-143	
Heptachlor epoxide	133	151	114	10	30	59-136	
Endosulfan I	133	155	117	12	30	60-138	
Dieldrin	133	163	123	11	30	55-128	
4,4'-DDE	133	155	116	12	30	58-150	
Endrin	133	168	127	12	30	61-150	
Endosulfan II	133	162	122	12	30	59-133	
4,4'-DDD	133	165	124	12	30	63-150	
Endosulfan sulfate	133	152	115	18	30	56-133	
4,4'-DDT	133	165	124	12	30	57-150	
Methoxychlor	133	152	115	10	30	42-150	
Endrin ketone	133	155	117	7	30	62-139	
Endrin aldehyde	133	141	106	12	30	55-122	
alpha-Chlordane	133	130	98	25	30	49-143	
gamma-Chlordane	133	152	115	12	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125394.d
 Lab ID: 460-32001-C-12-G MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	178	165	92	4	30	58-138	
beta-BHC	178	164	92	4	30	60-139	
delta-BHC	178	172	97	5	30	60-141	
gamma-BHC (Lindane)	178	170	95	3	30	58-136	
Heptachlor	178	167	94	5	30	58-137	
Aldrin	178	173	97	4	30	58-143	
Heptachlor epoxide	178	165	93	4	30	59-136	
Endosulfan I	178	163	91	5	30	60-138	
Dieldrin	178	169	95	5	30	55-128	
4,4'-DDE	178	167	94	6	30	58-150	
Endrin	178	173	97	5	30	61-150	
Endosulfan II	178	165	93	6	30	59-133	
4,4'-DDD	178	165	93	6	30	63-150	
Endosulfan sulfate	178	165	92	5	30	56-133	
4,4'-DDT	178	172	97	6	30	57-150	
Methoxychlor	178	167	94	4	30	42-150	
Endrin ketone	178	171	96	4	30	62-139	
Endrin aldehyde	178	158	89	7	30	55-122	
alpha-Chlordane	178	162	91	5	30	49-143	
gamma-Chlordane	178	165	93	4	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.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125394.d
 Lab ID: 460-32001-C-12-G MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	178	155	87	2	30	58-138	
beta-BHC	178	160	90	2	30	60-139	
delta-BHC	178	155	87	3	30	60-141	
gamma-BHC (Lindane)	178	154	87	2	30	58-136	
Heptachlor	178	153	86	3	30	58-137	
Aldrin	178	155	87	3	30	58-143	
Heptachlor epoxide	178	168	94	3	30	59-136	
Endosulfan I	178	165	93	4	30	60-138	
Dieldrin	178	172	97	4	30	55-128	
4,4'-DDE	178	160	90	3	30	58-150	
Endrin	178	175	98	4	30	61-150	
Endosulfan II	178	161	90	4	30	59-133	
4,4'-DDD	178	166	93	5	30	63-150	
Endosulfan sulfate	178	140	79	7	30	56-133	
4,4'-DDT	178	166	93	5	30	57-150	
Methoxychlor	178	144	81	11	30	42-150	
Endrin ketone	178	149	84	8	30	62-139	
Endrin aldehyde	178	144	81	7	30	55-122	
alpha-Chlordane	178	166	93	3	30	49-143	
gamma-Chlordane	178	166	93	5	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.: 460-32128-1
SDG No.: _____
Lab Sample ID: MB 460-89001/1-A
Matrix: Solid Date Extracted: 10/11/2011 03:47
Lab File ID: (1) xr125373.d Lab File ID: (2) xf125373.d
Date Analyzed: (1) 10/12/2011 11:37 Date Analyzed: (2) 10/12/2011 11:37
Instrument ID: (1) PESTGC1 Instrument ID: (2) PESTGC1
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-89001/2-A	10/12/2011 08:53	10/12/2011 08:53
FB-17338-100411-MM-138 MS	460-32128-13 MS	10/12/2011 09:06	10/12/2011 09:06
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	10/12/2011 09:19	10/12/2011 09:19
FB-17338-100411-MM-138	460-32128-13	10/12/2011 09:33	10/12/2011 09:33

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: MB 460-89299/1-A
Matrix: Solid Date Extracted: 10/13/2011 03:19
Lab File ID: (1) xr125406.d Lab File ID: (2) xf125406.d
Date Analyzed: (1) 10/13/2011 12:36 Date Analyzed: (2) 10/13/2011 12:36
Instrument ID: (1) PESTGC1 Instrument ID: (2) PESTGC1
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE	
		ANALYZED 1	ANALYZED 2
	LCS 460-89299/2-A	10/13/2011 09:24	10/13/2011 09:24
	460-32001-C-12-F MS	10/13/2011 09:38	10/13/2011 09:38
	460-32001-C-12-G MSD	10/13/2011 09:51	10/13/2011 09:51
SO-17338-100411-MM-131	460-32128-6	10/13/2011 12:09	10/13/2011 12:09
SO-17338-100411-MM-132	460-32128-7	10/13/2011 12:23	10/13/2011 12:23

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89301/5 Date Analyzed: 10/12/2011 07:24
 Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): xf125355.d Heated Purge: (Y/N) N
 Calibration ID: 12591

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.59	10.75	
UPPER LIMIT				2.64	10.85	
LOWER LIMIT				2.54	10.65	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-89301/2		10/12/2011 06:43	xf125352.d	2.59	10.75	
CCVRT 460-89301/5		10/12/2011 07:24	xf125355.d	2.59	10.75	
LCS 460-89001/2-A		10/12/2011 08:53	xf125361.d	2.59	10.75	
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/12/2011 09:06	xf125362.d	2.59	10.75	
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/12/2011 09:19	xf125363.d	2.59	10.75	
460-32128-13	FB-17338-100411-MM-13 8	10/12/2011 09:33	xf125364.d	2.59	10.75	
MB 460-89001/1-A		10/12/2011 11:37	xf125373.d	2.59	10.75	
PIBLK 460-89301/24		10/12/2011 11:51	xf125374.d	2.59	10.75	
CCV 460-89301/25		10/12/2011 12:05	xf125375.d	0.00	0.00	

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89301/5 Date Analyzed: 10/12/2011 07:24
 Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): xr125355.d Heated Purge: (Y/N) N
 Calibration ID: 12590

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.92	9.38	
UPPER LIMIT				1.97	9.48	
LOWER LIMIT				1.87	9.28	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-89301/2		10/12/2011 06:43	xr125352.d	1.92	9.38	
CCVRT 460-89301/5		10/12/2011 07:24	xr125355.d	1.92	9.38	
LCS 460-89001/2-A		10/12/2011 08:53	xr125361.d	1.92	9.38	
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/12/2011 09:06	xr125362.d	1.92	9.38	
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/12/2011 09:19	xr125363.d	1.93	9.38	
460-32128-13	FB-17338-100411-MM-13 8	10/12/2011 09:33	xr125364.d	1.92	9.38	
MB 460-89001/1-A		10/12/2011 11:37	xr125373.d	1.92	9.38	
PIBLK 460-89301/24		10/12/2011 11:51	xr125374.d	1.92	9.38	
CCV 460-89301/25		10/12/2011 12:05	xr125375.d	1.92	9.38	

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89324/5 Date Analyzed: 10/13/2011 06:38
 Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): xf125381.d Heated Purge: (Y/N) N
 Calibration ID: 12591

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.59	10.75	
UPPER LIMIT				2.64	10.85	
LOWER LIMIT				2.54	10.65	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89324/5		10/13/2011 06:38	xf125381.d	2.59	10.75	
PIBLK 460-89324/13		10/13/2011 08:42	xf125389.d	2.59	10.75	
CCV 460-89324/14		10/13/2011 08:56	xf125390.d	2.59	10.75	
LCS 460-89299/2-A		10/13/2011 09:24	xf125392.d	2.59	10.75	
460-32001-C-12-F MS		10/13/2011 09:38	xf125393.d	2.59	10.75	
460-32001-C-12-G MSD		10/13/2011 09:51	xf125394.d	2.59	10.75	
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 12:09	xf125404.d	2.59	10.75	
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 12:23	xf125405.d	2.59	10.75	
MB 460-89299/1-A		10/13/2011 12:36	xf125406.d	2.59	10.75	
PIBLK 460-89324/31		10/13/2011 12:50	xf125407.d	2.59	10.75	
CCV 460-89324/32		10/13/2011 13:04	xf125408.d	2.59	10.75	

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89324/5 Date Analyzed: 10/13/2011 06:38
 Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): xr125381.d Heated Purge: (Y/N) N
 Calibration ID: 12590

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.93	9.38	
UPPER LIMIT				1.98	9.48	
LOWER LIMIT				1.88	9.28	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89324/5		10/13/2011 06:38	xr125381.d	1.93	9.38	
PIBLK 460-89324/13		10/13/2011 08:42	xr125389.d	1.92	9.38	
CCV 460-89324/14		10/13/2011 08:56	xr125390.d	1.93	9.38	
LCS 460-89299/2-A		10/13/2011 09:24	xr125392.d	1.93	9.38	
460-32001-C-12-F MS		10/13/2011 09:38	xr125393.d	1.93	9.38	
460-32001-C-12-G MSD		10/13/2011 09:51	xr125394.d	1.93	9.38	
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 12:09	xr125404.d	1.93	9.38	
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 12:23	xr125405.d	1.93	9.38	
MB 460-89299/1-A		10/13/2011 12:36	xr125406.d	1.93	9.38	
PIBLK 460-89324/31		10/13/2011 12:50	xr125407.d	1.93	9.38	
CCV 460-89324/32		10/13/2011 13:04	xr125408.d	1.93	9.38	

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.: 460-32128-1

SDG No.: _____

Client Sample ID: FB-17338-100411-MM-138 MS Lab Sample ID: 460-32128-13 MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/12/2011 09:06 Date Analyzed (2): 10/12/2011 09:06

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		2.31	2.26	2.36	118		7.1
	2		3.18	3.13	3.23	127		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	119		9.6
	2		3.67	3.62	3.72	131		
beta-BHC	1		2.59	2.54	2.64	123		2.3
	2		3.83	3.78	3.88	126		
delta-BHC	1		2.72	2.67	2.77	124		9.7
	2		4.60	4.55	4.65	137		
Heptachlor	1		2.89	2.84	2.94	123		5.6
	2		4.81	4.76	4.86	131		
Aldrin	1		3.16	3.10	3.20	125		4.1
	2		5.71	5.67	5.77	130		
Heptachlor epoxide	1		4.01	3.94	4.08	136		2.0
	2		7.14	7.08	7.22	134		
gamma-Chlordane	1		4.30	4.23	4.37	136		1.6
	2		7.45	7.38	7.52	134		
alpha-Chlordane	1		4.61	4.54	4.68	101		25.5
	2		7.65	7.58	7.72	130		
4,4'-DDE	1		4.82	4.75	4.89	138		0.7
	2		7.82	7.75	7.89	137		
Endosulfan I	1		4.93	4.86	5.00	138		4.4
	2		7.73	7.66	7.80	132		
Dieldrin	1		5.53	5.45	5.59	146		6.6
	2		8.05	7.98	8.12	137		
Endrin	1		6.12	6.05	6.19	150		2.6
	2		8.41	8.34	8.48	146		
4,4'-DDD	1		6.31	6.24	6.38	147		6.4
	2		8.50	8.43	8.57	137		
Endosulfan II	1		6.65	6.58	6.72	144		5.4
	2		8.66	8.59	8.73	136		
4,4'-DDT	1		6.96	6.89	7.03	146		1.7
	2		8.88	8.81	8.95	143		
Endrin aldehyde	1		7.43	7.36	7.50	125		4.0
	2		9.06	8.99	9.13	120		
Methoxychlor	1		7.68	7.62	7.76	131		5.6
	2		9.57	9.50	9.64	138		
Endosulfan sulfate	1		7.93	7.86	8.00	128		5.1
	2		9.36	9.29	9.43	134		
Endrin ketone	1		8.24	8.17	8.31	132		8.6
	2		9.80	9.73	9.87	144		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/12/2011 09:19 Date Analyzed (2): 10/12/2011 09:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.31	2.26	2.36	131		8.2
	2		3.18	3.13	3.23	143		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	134		8.7
	2		3.67	3.62	3.72	146		
beta-BHC	1		2.60	2.54	2.64	134		5.6
	2		3.83	3.78	3.88	141		
delta-BHC	1		2.72	2.67	2.77	137		11.4
	2		4.60	4.55	4.65	154		
Heptachlor	1		2.89	2.84	2.94	139		5.3
	2		4.81	4.76	4.86	146		
Aldrin	1		3.16	3.10	3.20	140		4.5
	2		5.71	5.67	5.77	147		
Heptachlor epoxide	1		4.01	3.94	4.08	151		2.2
	2		7.14	7.08	7.22	148		
gamma-Chlordane	1		4.30	4.23	4.37	152		2.7
	2		7.45	7.38	7.52	148		
alpha-Chlordane	1		4.61	4.54	4.68	130		12.0
	2		7.65	7.58	7.72	147		
4,4'-DDE	1		4.82	4.75	4.89	155		0.4
	2		7.82	7.75	7.89	154		
Endosulfan I	1		4.93	4.86	5.00	155		4.0
	2		7.73	7.66	7.80	149		
Dieldrin	1		5.53	5.45	5.59	163		6.0
	2		8.05	7.98	8.12	154		
Endrin	1		6.12	6.05	6.19	168		3.6
	2		8.41	8.34	8.48	163		
4,4'-DDD	1		6.31	6.24	6.38	165		8.0
	2		8.50	8.43	8.57	153		
Endosulfan II	1		6.65	6.58	6.72	162		5.3
	2		8.66	8.59	8.73	153		
4,4'-DDT	1		6.96	6.89	7.03	165		3.6
	2		8.88	8.81	8.95	159		
Endrin aldehyde	1		7.43	7.36	7.50	141		2.2
	2		9.06	8.99	9.13	138		
Methoxychlor	1		7.68	7.62	7.76	152		0.4
	2		9.57	9.50	9.64	152		
Endosulfan sulfate	1		7.93	7.86	8.00	152		1.5
	2		9.36	9.29	9.43	154		
Endrin ketone	1		8.24	8.17	8.31	155		0.4
	2		9.80	9.73	9.87	155		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89001/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/12/2011 08:53 Date Analyzed (2): 10/12/2011 08:53

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		2.31	2.26	2.36	118		8.4
	2		3.18	3.13	3.23	128		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	118		11.3
	2		3.67	3.62	3.72	132		
beta-BHC	1		2.60	2.54	2.64	129		1.7
	2		3.83	3.78	3.88	126		
delta-BHC	1		2.72	2.67	2.77	122		11.5
	2		4.60	4.55	4.65	137		
Heptachlor	1		2.89	2.84	2.94	125		4.1
	2		4.81	4.76	4.86	130		
Aldrin	1		3.16	3.10	3.20	123		10.4
	2		5.71	5.67	5.77	137		
Heptachlor epoxide	1		4.01	3.94	4.08	135		2.6
	2		7.14	7.08	7.22	131		
gamma-Chlordane	1		4.30	4.23	4.37	136		3.1
	2		7.45	7.38	7.52	132		
alpha-Chlordane	1		4.61	4.54	4.68	110		16.2
	2		7.65	7.58	7.72	129		
4,4'-DDE	1		4.82	4.75	4.89	137		1.6
	2		7.82	7.75	7.89	135		
Endosulfan I	1		4.93	4.86	5.00	136		4.2
	2		7.73	7.66	7.80	131		
Dieldrin	1		5.53	5.45	5.59	144		6.2
	2		8.05	7.98	8.12	135		
Endrin	1		6.12	6.05	6.19	148		2.3
	2		8.41	8.34	8.48	144		
4,4'-DDD	1		6.31	6.24	6.38	143		4.5
	2		8.50	8.43	8.57	137		
Endosulfan II	1		6.65	6.58	6.72	141		0.5
	2		8.66	8.59	8.73	141		
4,4'-DDT	1		6.96	6.89	7.03	144		2.2
	2		8.88	8.81	8.95	141		
Endrin aldehyde	1		7.43	7.36	7.50	124		0.3
	2		9.06	8.99	9.13	123		
Methoxychlor	1		7.68	7.62	7.76	128		6.2
	2		9.57	9.50	9.64	136		
Endosulfan sulfate	1		7.93	7.86	8.00	126		8.7
	2		9.36	9.29	9.43	138		
Endrin ketone	1		8.24	8.17	8.31	137		1.2
	2		9.80	9.73	9.87	135		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89299/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/13/2011 09:24 Date Analyzed (2): 10/13/2011 09:24

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		2.31	2.26	2.36	119		2.4
	2		3.18	3.13	3.23	122		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	118		5.3
	2		3.68	3.62	3.72	125		
beta-BHC	1		2.60	2.55	2.65	123		0.9
	2		3.83	3.78	3.88	122		
delta-BHC	1		2.72	2.67	2.77	118		4.6
	2		4.61	4.56	4.66	124		
Heptachlor	1		2.89	2.84	2.94	121		3.9
	2		4.81	4.76	4.86	126		
Aldrin	1		3.16	3.11	3.21	126		1.5
	2		5.72	5.67	5.77	128		
Heptachlor epoxide	1		4.01	3.94	4.08	126		3.2
	2		7.15	7.08	7.22	122		
gamma-Chlordane	1		4.31	4.23	4.37	126		4.0
	2		7.46	7.39	7.53	121		
alpha-Chlordane	1		4.62	4.55	4.69	124		4.9
	2		7.65	7.58	7.72	119		
4,4'-DDE	1		4.83	4.75	4.89	121		3.1
	2		7.82	7.75	7.89	125		
Endosulfan I	1		4.93	4.86	5.00	128		7.4
	2		7.73	7.66	7.80	119		
Dieldrin	1		5.53	5.46	5.60	127		3.6
	2		8.05	7.98	8.12	122		
Endrin	1		6.12	6.05	6.19	118		4.6
	2		8.41	8.35	8.49	113		
4,4'-DDD	1		6.32	6.25	6.39	125		3.1
	2		8.50	8.43	8.57	122		
Endosulfan II	1		6.65	6.58	6.72	122		2.8
	2		8.66	8.59	8.73	118		
4,4'-DDT	1		6.96	6.89	7.03	126		2.0
	2		8.88	8.81	8.95	123		
Endrin aldehyde	1		7.43	7.36	7.50	113		0.7
	2		9.06	9.00	9.14	112		
Methoxychlor	1		7.69	7.62	7.76	116		4.6
	2		9.57	9.50	9.64	111		
Endosulfan sulfate	1		7.93	7.86	8.00	110		0.3
	2		9.36	9.29	9.43	110		
Endrin ketone	1		8.24	8.17	8.31	115		1.9
	2		9.80	9.73	9.87	112		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-F MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/13/2011 09:38 Date Analyzed (2): 10/13/2011 09:38

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.31	2.26	2.36	157		8.3
	2		3.18	3.13	3.23	171		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	157		11.1
	2		3.68	3.62	3.72	176		
beta-BHC	1		2.60	2.55	2.65	163		3.9
	2		3.83	3.78	3.88	170		
delta-BHC	1		2.72	2.67	2.77	159		12.5
	2		4.60	4.56	4.66	180		
Heptachlor	1		2.89	2.84	2.94	158		11.2
	2		4.81	4.76	4.86	177		
Aldrin	1		3.16	3.11	3.21	161		11.3
	2		5.72	5.67	5.77	180		
Heptachlor epoxide	1		4.02	3.94	4.08	172		0.5
	2		7.15	7.08	7.22	173		
gamma-Chlordane	1		4.31	4.23	4.37	172		1.5
	2		7.46	7.39	7.53	174		
alpha-Chlordane	1		4.62	4.55	4.69	172		1.3
	2		7.65	7.58	7.72	169		
4,4'-DDE	1		4.83	4.75	4.89	164		6.9
	2		7.82	7.75	7.89	176		
Endosulfan I	1		4.93	4.86	5.00	172		0.1
	2		7.73	7.66	7.80	171		
Dieldrin	1		5.53	5.46	5.60	178		0.1
	2		8.05	7.98	8.12	178		
Endrin	1		6.12	6.05	6.19	182		0.3
	2		8.41	8.35	8.49	182		
4,4'-DDD	1		6.32	6.25	6.39	175		0.1
	2		8.50	8.43	8.57	175		
Endosulfan II	1		6.66	6.58	6.72	168		4.3
	2		8.66	8.59	8.73	175		
4,4'-DDT	1		6.96	6.89	7.03	174		4.8
	2		8.88	8.81	8.95	183		
Endrin aldehyde	1		7.43	7.36	7.50	153		9.7
	2		9.06	9.00	9.14	169		
Methoxychlor	1		7.69	7.62	7.76	161		7.8
	2		9.57	9.50	9.64	174		
Endosulfan sulfate	1		7.93	7.86	8.00	150		14.2
	2		9.36	9.29	9.43	173		
Endrin ketone	1		8.24	8.17	8.31	162		9.3
	2		9.80	9.73	9.87	178		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-G MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/13/2011 09:51 Date Analyzed (2): 10/13/2011 09:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.31	2.26	2.36	155		6.2
	2		3.18	3.13	3.23	165		
gamma-BHC (Lindane)	1		2.53	2.48	2.58	154		9.6
	2		3.68	3.62	3.72	170		
beta-BHC	1		2.60	2.55	2.65	160		2.4
	2		3.83	3.78	3.88	164		
delta-BHC	1		2.72	2.67	2.77	155		10.9
	2		4.61	4.56	4.66	172		
Heptachlor	1		2.89	2.84	2.94	153		8.7
	2		4.81	4.76	4.86	167		
Aldrin	1		3.16	3.11	3.21	155		10.7
	2		5.72	5.67	5.77	173		
Heptachlor epoxide	1		4.01	3.94	4.08	168		1.5
	2		7.15	7.08	7.22	165		
gamma-Chlordane	1		4.31	4.23	4.37	166		0.7
	2		7.46	7.39	7.53	165		
alpha-Chlordane	1		4.62	4.55	4.69	166		2.6
	2		7.65	7.58	7.72	162		
4,4'-DDE	1		4.83	4.75	4.89	160		3.9
	2		7.82	7.75	7.89	167		
Endosulfan I	1		4.93	4.86	5.00	165		1.4
	2		7.73	7.66	7.80	163		
Dieldrin	1		5.53	5.46	5.60	172		1.6
	2		8.05	7.98	8.12	169		
Endrin	1		6.12	6.05	6.19	175		1.1
	2		8.42	8.35	8.49	173		
4,4'-DDD	1		6.32	6.25	6.39	166		0.7
	2		8.50	8.43	8.57	165		
Endosulfan II	1		6.65	6.58	6.72	161		2.6
	2		8.66	8.59	8.73	165		
4,4'-DDT	1		6.96	6.89	7.03	166		3.6
	2		8.88	8.81	8.95	172		
Endrin aldehyde	1		7.43	7.36	7.50	144		9.3
	2		9.06	9.00	9.14	158		
Methoxychlor	1		7.69	7.62	7.76	144		14.8
	2		9.57	9.50	9.64	167		
Endosulfan sulfate	1		7.93	7.86	8.00	140		16.2
	2		9.36	9.29	9.43	165		
Endrin ketone	1		8.24	8.17	8.31	149		13.6
	2		9.80	9.73	9.87	171		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
Matrix: Solid Lab File ID: xf125404.d
Analysis Method: 8081A Date Collected: 10/04/2011 10:15
Extraction Method: 3541 Date Extracted: 10/13/2011 03:19
Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 12:09
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 16.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89324 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	61		53-150
877-09-8	Tetrachloro-m-xylene	49		40-150

Data File: xf125404.d
Report Date: 14-Oct-2011 06:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125404.d
Lab Smp Id: 460-32128-D-6-D Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 12:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-32128-D-6-D
Misc Info : 460-32128-D-6-D
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	16.85912	% 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									
2.593	2.593	0.000	74772 24.2500	19	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	62784 30.3412	24	80.00- 120.00	100.00			

Data File: xf125404.d

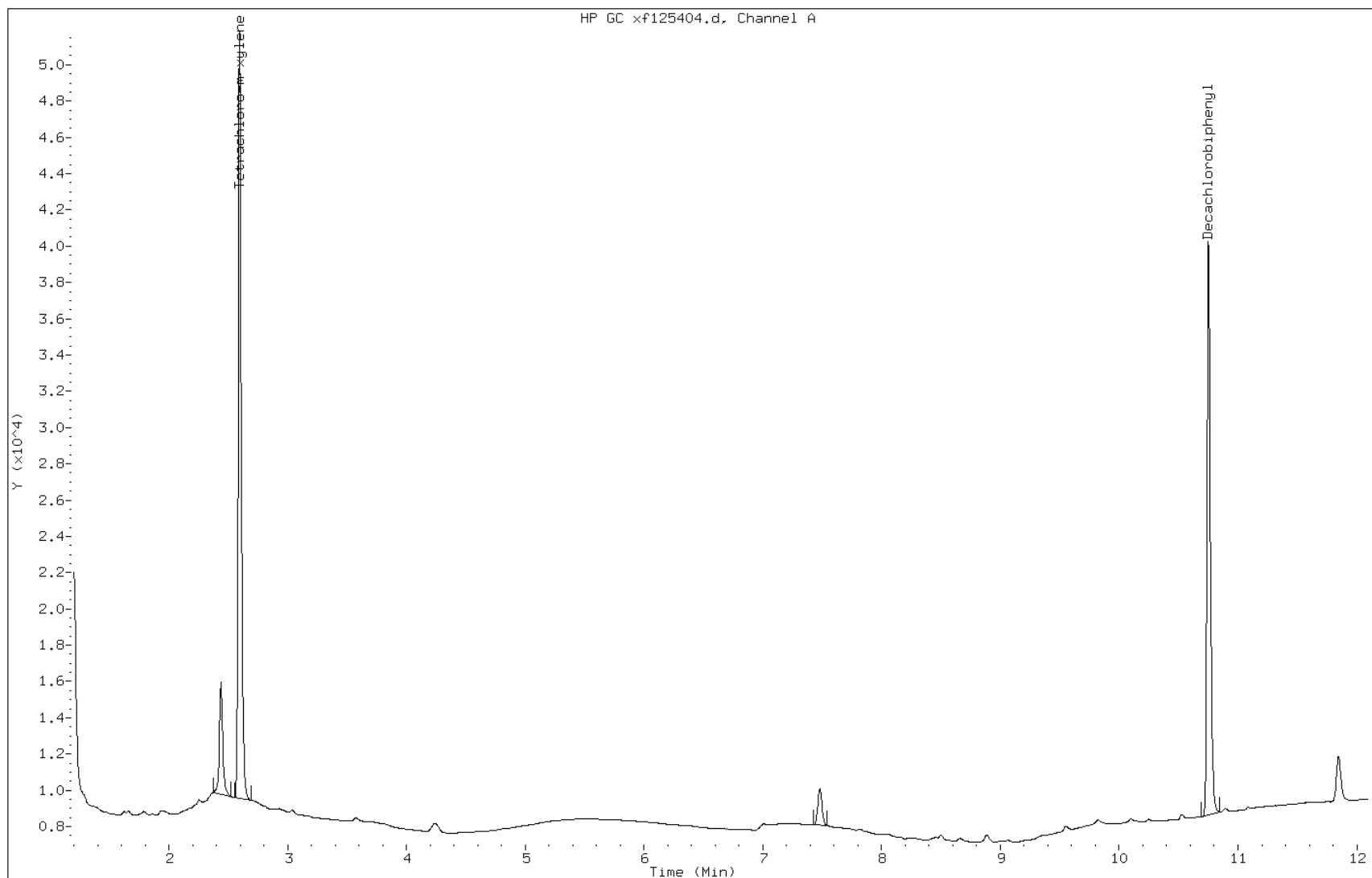
Date: 13-OCT-2011 12:09

Client ID: S0-17338-100411-MM-

Instrument: PESTGC1.i

Sample Info: 460-32128-D-6-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6

Matrix: Solid Lab File ID: xr125404.d

Analysis Method: 8081A Date Collected: 10/04/2011 10:15

Extraction Method: 3541 Date Extracted: 10/13/2011 03:19

Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 12:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.9 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89324 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.0	U	8.0	1.5
319-85-7	beta-BHC	8.0	U	8.0	1.1
319-86-8	delta-BHC	8.0	U	8.0	1.2
58-89-9	gamma-BHC (Lindane)	8.0	U	8.0	0.94
76-44-8	Heptachlor	8.0	U	8.0	1.2
309-00-2	Aldrin	8.0	U	8.0	1.8
1024-57-3	Heptachlor epoxide	8.0	U	8.0	1.6
959-98-8	Endosulfan I	8.0	U	8.0	1.7
60-57-1	Dieldrin	8.0	U	8.0	1.5
72-55-9	4,4'-DDE	8.0	U	8.0	1.6
72-20-8	Endrin	8.0	U	8.0	1.1
33213-65-9	Endosulfan II	8.0	U	8.0	1.2
72-54-8	4,4'-DDD	8.0	U	8.0	0.96
1031-07-8	Endosulfan sulfate	8.0	U	8.0	1.0
50-29-3	4,4'-DDT	8.0	U	8.0	1.0
72-43-5	Methoxychlor	8.0	U	8.0	0.90
53494-70-5	Endrin ketone	8.0	U	8.0	1.2
7421-93-4	Endrin aldehyde	8.0	U	8.0	2.0
5103-71-9	alpha-Chlordane	8.0	U	8.0	1.7
5103-74-2	gamma-Chlordane	8.0	U	8.0	1.6
8001-35-2	Toxaphene	80	U	80	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	58		53-150
877-09-8	Tetrachloro-m-xylene	44		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125404.d
Lab Smp Id: 460-32128-D-6-D Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 12:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-32128-D-6-D
Misc Info : 460-32128-D-6-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.04000	Weight of sample extracted (g)
M	16.85912	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.927	1.927	0.000	128953	22.0287	18 80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	129518	28.8395	23 80.00- 120.00	100.00			

Data File: xr125404.d

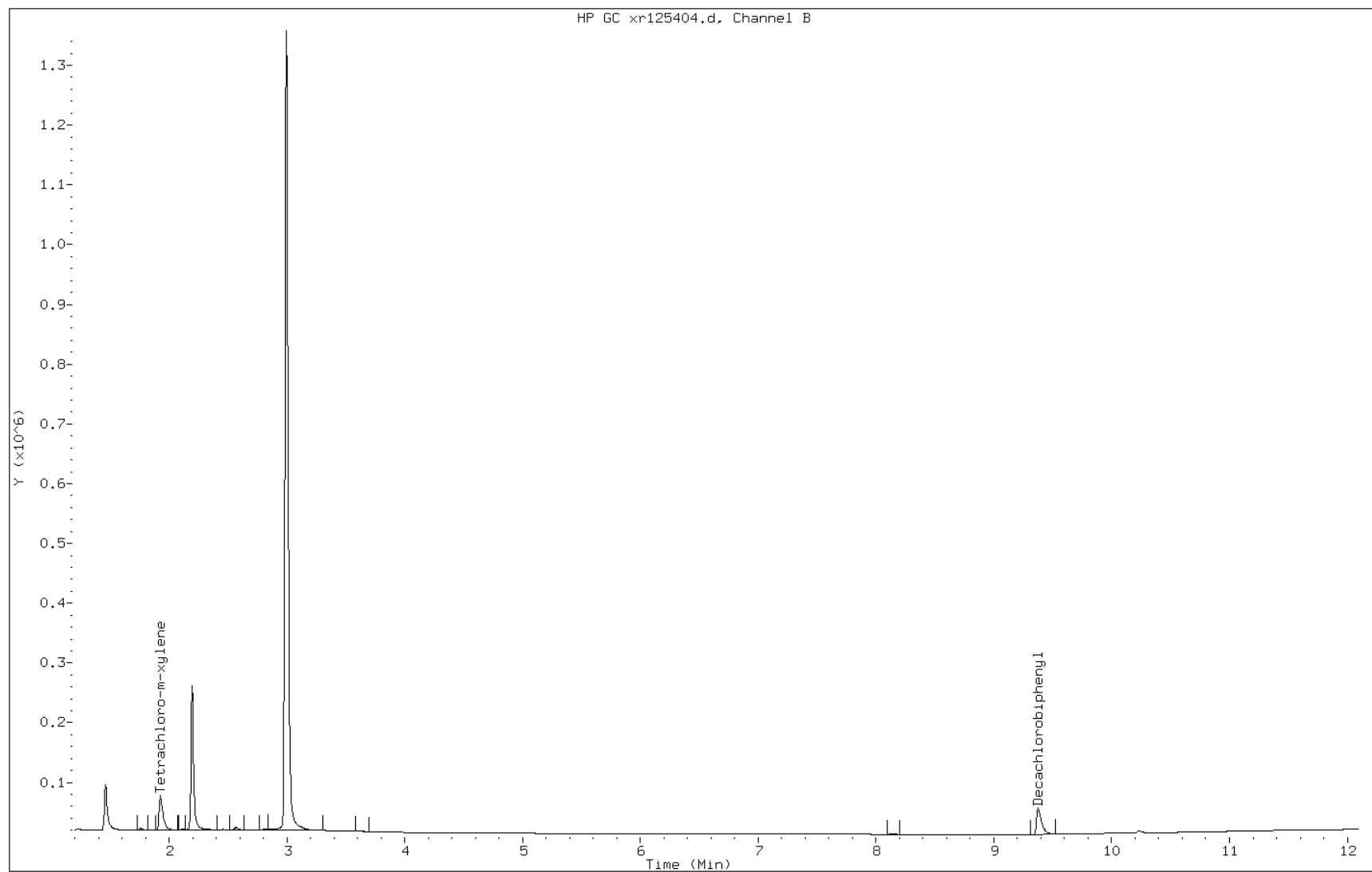
Date: 13-OCT-2011 12:09

Client ID: SO-17338-100411-MM-

Instrument: PESTGC1.i

Sample Info: 460-32128-D-6-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
Matrix: Solid Lab File ID: xf125405.d
Analysis Method: 8081A Date Collected: 10/04/2011 10:20
Extraction Method: 3541 Date Extracted: 10/13/2011 03:19
Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 12:23
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 18.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89324 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		53-150
877-09-8	Tetrachloro-m-xylene	79		40-150

Data File: xf125405.d
Report Date: 14-Oct-2011 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125405.d
Lab Smp Id: 460-32128-D-7-D Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 12:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-32128-D-7-D
Misc Info : 460-32128-D-7-D
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	18.55011	% 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									
2.593	2.593	0.000	121624	39.4452	32	80.00-	120.00	100.00	

65 gamma-Chlordane CAS #: 5103-74-2									
7.480	7.457	0.023	4860	1.35073	1.1	80.00-	120.00	100.00(a)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	94777	45.8022	37	80.00-	120.00	100.00	

Data File: xf125405.d
Report Date: 14-Oct-2011 06:30

QC Flag Legend

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

Data File: xf125405.d

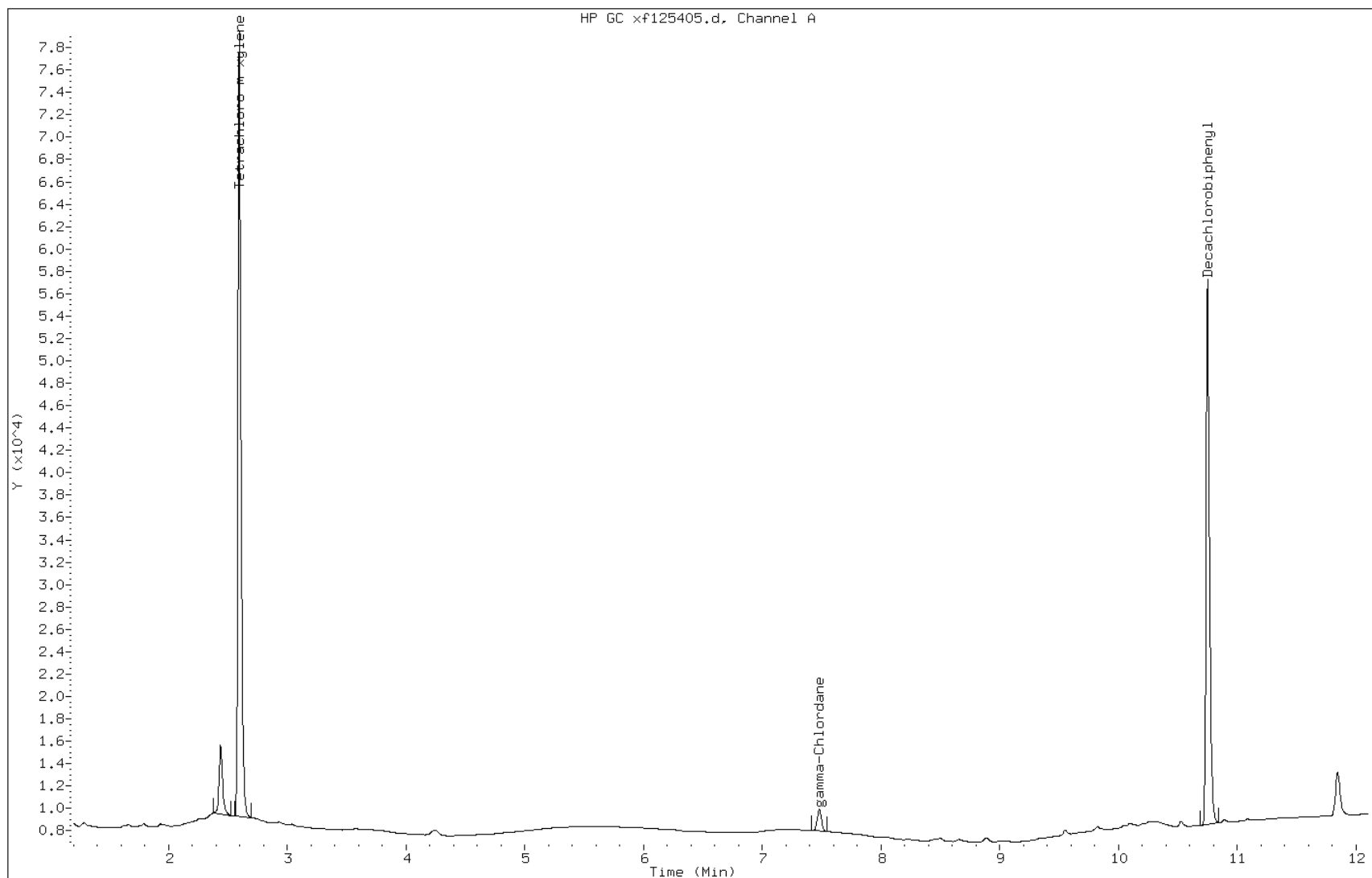
Date: 13-OCT-2011 12:23

Client ID: S0-17338-100411-MM-

Instrument: PESTGC1.i

Sample Info: 460-32128-D-7-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
 Matrix: Solid Lab File ID: xr125405.d
 Analysis Method: 8081A Date Collected: 10/04/2011 10:20
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:19
 Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 12:23
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 18.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89324 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	8.2	U	8.2	1.5
319-85-7	beta-BHC	8.2	U	8.2	1.1
319-86-8	delta-BHC	8.2	U	8.2	1.3
58-89-9	gamma-BHC (Lindane)	8.2	U	8.2	0.96
76-44-8	Heptachlor	8.2	U	8.2	1.2
309-00-2	Aldrin	8.2	U	8.2	1.8
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.7
959-98-8	Endosulfan I	8.2	U	8.2	1.7
60-57-1	Dieldrin	8.2	U	8.2	1.6
72-55-9	4,4'-DDE	8.2	U	8.2	1.6
72-20-8	Endrin	8.2	U	8.2	1.2
33213-65-9	Endosulfan II	8.2	U	8.2	1.2
72-54-8	4,4'-DDD	8.2	U	8.2	0.98
1031-07-8	Endosulfan sulfate	8.2	U	8.2	1.1
50-29-3	4,4'-DDT	8.2	U	8.2	1.0
72-43-5	Methoxychlor	8.2	U	8.2	0.92
53494-70-5	Endrin ketone	8.2	U	8.2	1.2
7421-93-4	Endrin aldehyde	8.2	U	8.2	2.0
5103-71-9	alpha-Chlordane	8.2	U	8.2	1.7
5103-74-2	gamma-Chlordane	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		53-150
877-09-8	Tetrachloro-m-xylene	76		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125405.d
Lab Smp Id: 460-32128-D-7-D Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 12:23
Operator : Inst ID: PESTGC1.i
Smp Info : 460-32128-D-7-D
Misc Info : 460-32128-D-7-D
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.02000	Weight of sample extracted (g)
M	18.55011	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.927	1.927	0.000	222032	37.9290	31	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	194239	43.2508	35	80.00-	120.00	100.00	

Data File: xr125405.d

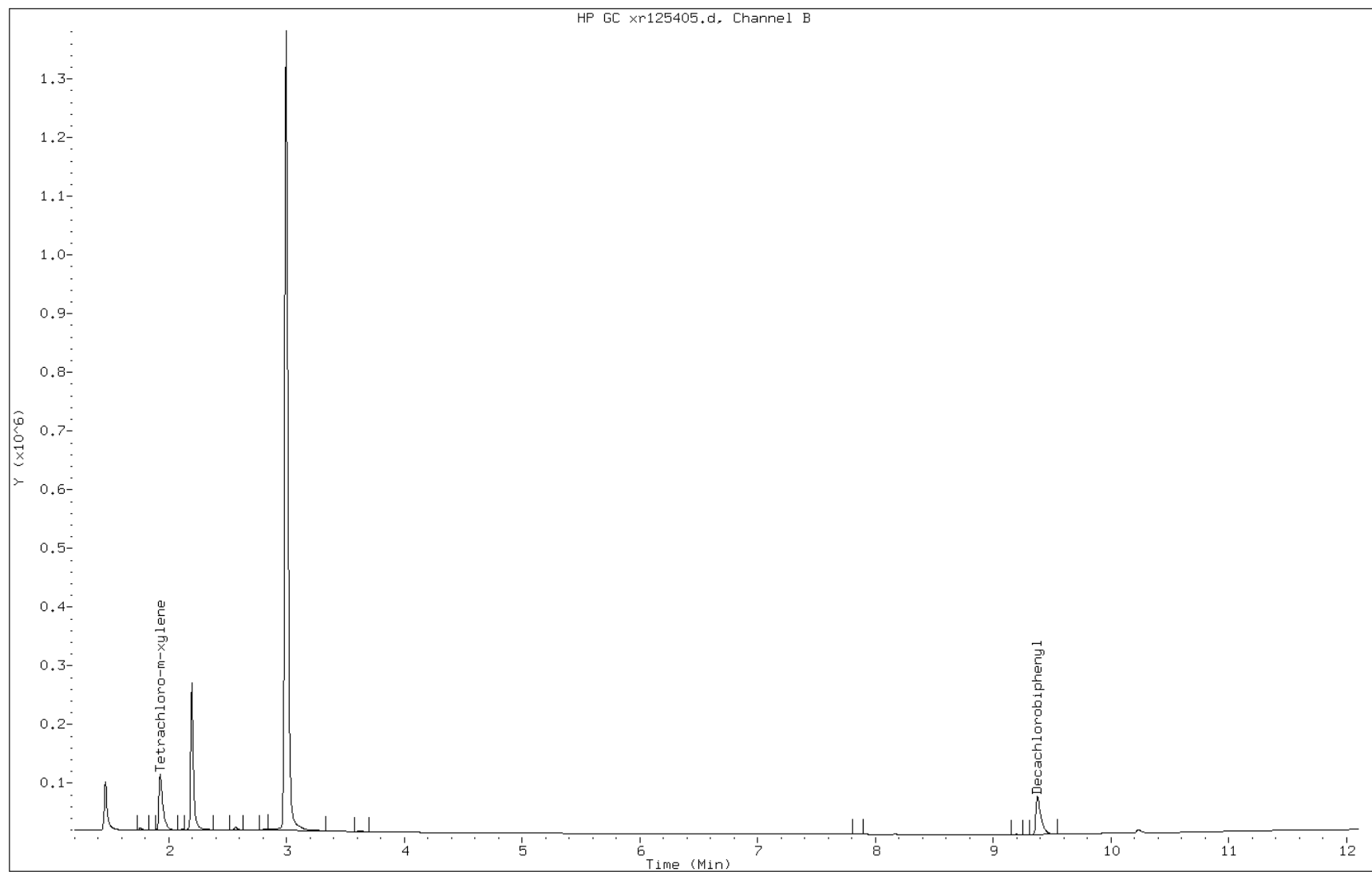
Date: 13-OCT-2011 12:23

Client ID: S0-17338-100411-MM-

Instrument: PESTGC1.i

Sample Info: 460-32128-D-7-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
Matrix: Solid Lab File ID: xf125364.d
Analysis Method: 8081A Date Collected: 10/04/2011 12:30
Extraction Method: 3541 Date Extracted: 10/11/2011 03:47
Sample wt/vol: 15.02(g) Date Analyzed: 10/12/2011 09:33
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89301 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		53-150
877-09-8	Tetrachloro-m-xylene	92		40-150

Data File: xf125364.d
Report Date: 13-Oct-2011 06:29

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125364.d
Lab Smp Id: 460-32128-d-13-f
Inj Date : 12-OCT-2011 09:33
Operator :
Smp Info : 460-32128-d-13-f
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
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									
2.593	2.590	0.003	141108	45.7640	30	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.747	10.750	-0.003	150526	72.7438	48	80.00- 120.00	100.00		

Data File: xf125364.d

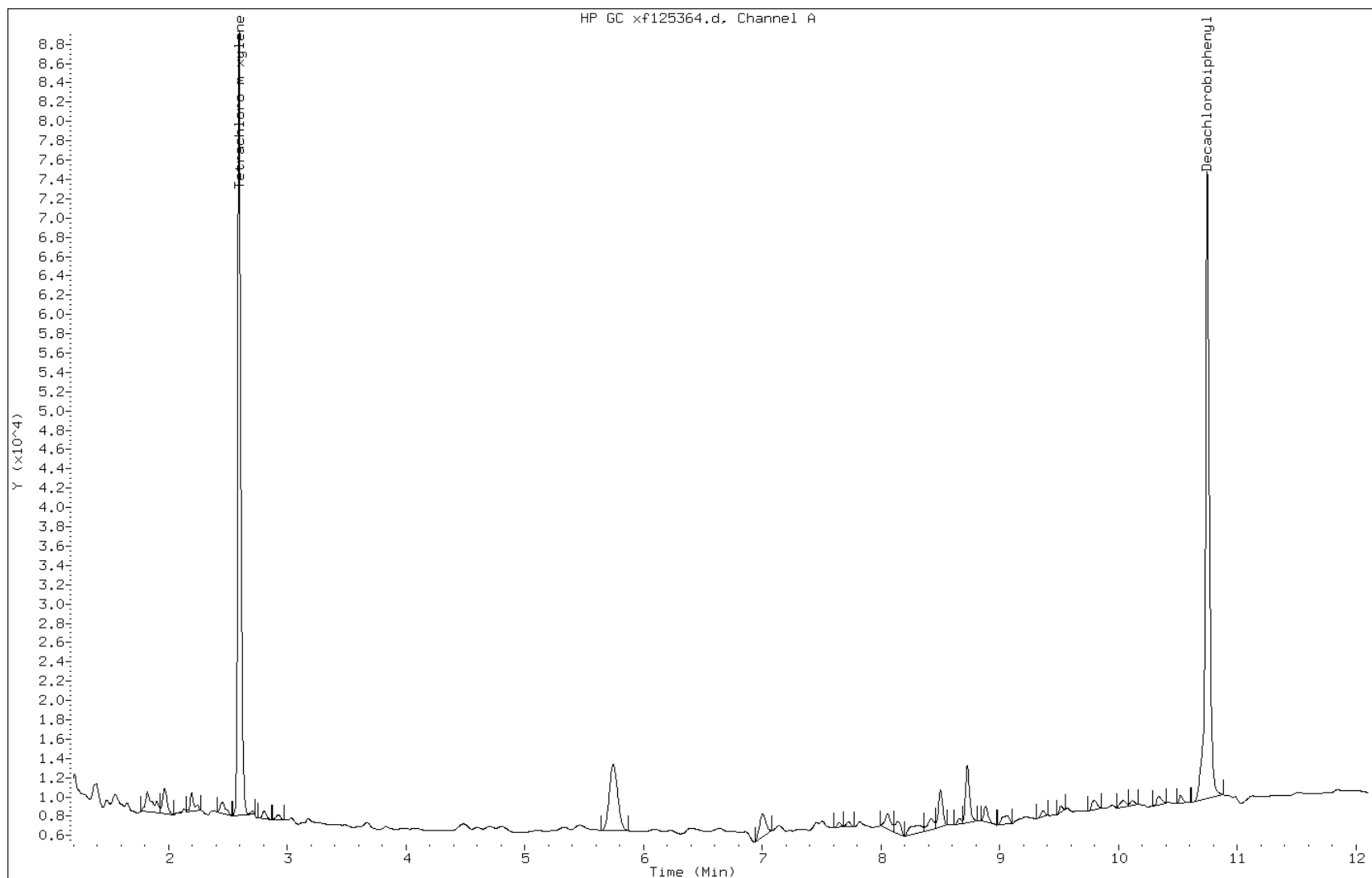
Date: 12-OCT-2011 09:33

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-f

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13

Matrix: Solid Lab File ID: xr125364.d

Analysis Method: 8081A Date Collected: 10/04/2011 12:30

Extraction Method: 3541 Date Extracted: 10/11/2011 03:47

Sample wt/vol: 15.02(g) Date Analyzed: 10/12/2011 09:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 0.0 GPC Cleanup: (Y/N) N

Analysis Batch No.: 89301 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	1.3
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	105		53-150
877-09-8	Tetrachloro-m-xylene	85		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125364.d
Lab Smp Id: 460-32128-d-13-f
Inj Date : 12-OCT-2011 09:33
Operator :
Smp Info : 460-32128-d-13-f
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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									
1.923	1.923	0.000	249226	42.5745	28	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	235314	52.3969	35	80.00- 120.00	100.00		

Data File: xr125364.d

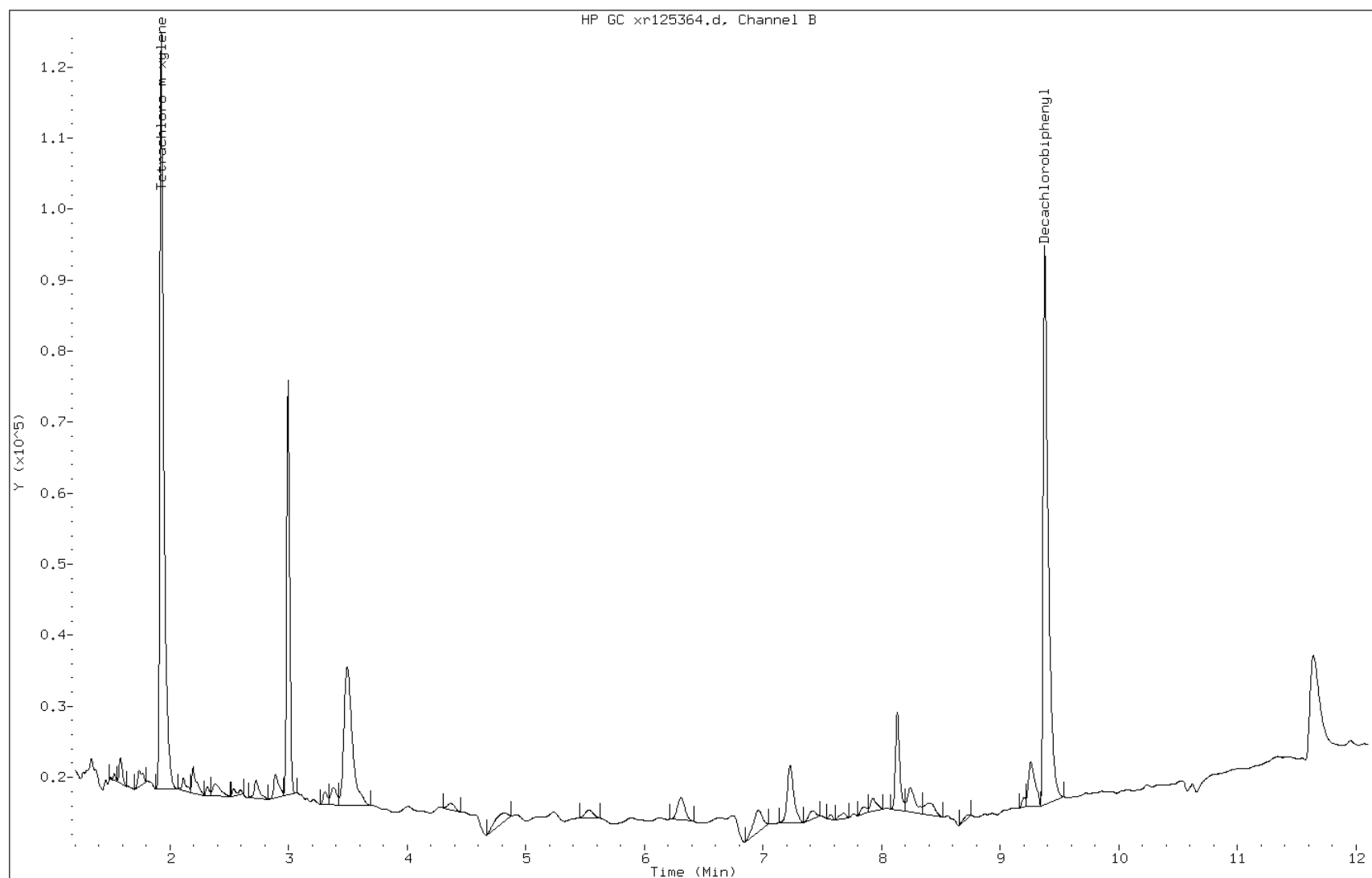
Date: 12-OCT-2011 09:33

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-f

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.183	3.183	3.180	3.180	3.180						3.133 - 3.233	3.181
gamma-BHC (Lindane)	3.683	3.683	3.683	3.683	3.683						3.633 - 3.733	3.683
beta-BHC	3.840	3.840	3.837	3.837	3.837						3.787 - 3.887	3.838
delta-BHC	4.617	4.617	4.613	4.613	4.613						4.567 - 4.667	4.615
Heptachlor	4.820	4.823	4.820	4.820	4.820						4.770 - 4.870	4.821
Aldrin	5.727	5.727	5.727	5.727	5.727						5.677 - 5.777	5.727
Heptachlor epoxide	7.153	7.153	7.153	7.153	7.153						7.083 - 7.223	7.153
gamma-Chlordane	7.463	7.463	7.460	7.460	7.460						7.390 - 7.530	7.461
alpha-Chlordane	7.653	7.653	7.653	7.653	7.653						7.583 - 7.723	7.653
Endosulfan I	7.733	7.733	7.730	7.730	7.733						7.663 - 7.803	7.732
4,4'-DDE	7.827	7.827	7.827	7.823	7.827						7.757 - 7.897	7.826
Dieldrin	8.053	8.053	8.053	8.053	8.053						7.983 - 8.123	8.053
Endrin	8.420	8.420	8.420	8.420	8.420						8.350 - 8.490	8.420
4,4'-DDD	8.507	8.507	8.507	8.507	8.507						8.437 - 8.577	8.507
Endosulfan II	8.670	8.670	8.667	8.667	8.667						8.597 - 8.737	8.668
4,4'-DDT	8.890	8.890	8.887	8.887	8.887						8.817 - 8.957	8.888
Endrin aldehyde	9.070	9.070	9.070	9.070	9.070						9.000 - 9.140	9.070
Endosulfan sulfate	9.370	9.370	9.367	9.367	9.370						9.300 - 9.440	9.369
Methoxychlor	9.577	9.573	9.573	9.573	9.573						9.503 - 9.643	9.574
Endrin ketone	9.807	9.807	9.803	9.803	9.803						9.733 - 9.873	9.805
Tetrachloro-m-xylene	2.597	2.597	2.597	2.597	2.593						2.547 - 2.647	2.596
DCB Decachlorobiphenyl	10.753	10.753	10.753	10.753	10.753						10.653 - 10.853	10.753

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.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	4122.6 3929.6	4189.8	4552.7	4370.0	Ave		4232.94640				5.6		20.0			
gamma-BHC (Lindane)	4062.7 3992.7	4206.5	4621.5	4454.2	Ave		4267.53880				6.2		20.0			
beta-BHC	2215.7 1897.5	2090.9	2243.2	2135.0	Ave		2116.47640				6.5		20.0			
delta-BHC	3618.9 4258.7	4223.6	4812.1	4719.0	Ave		4326.44120				11.0		20.0			
Heptachlor	4130.3 4064.5	4174.1	4677.0	4529.9	Ave		4315.17640				6.3		20.0			
Aldrin	4197.3 4031.6	4138.4	4644.9	4485.7	Ave		4299.55960				6.0		20.0			
Heptachlor epoxide	3845.4 3400.6	3757.4	4024.0	3834.5	Ave		3772.37600				6.1		20.0			
gamma-Chlordane	3726.6 3267.5	3545.4	3805.8	3647.2	Ave		3598.48920				5.8		20.0			
alpha-Chlordane	3516.2 2909.9	3221.8	3437.2	3240.9	Ave		3265.18880				7.2		20.0			
Endosulfan I	3228.0 2831.9	3088.3	3296.9	3168.6	Ave		3122.72760				5.8		20.0			
4,4'-DDE	2937.9 2937.1	3037.3	3323.1	3234.1	Ave		3093.89920				5.7		20.0			
Dieldrin	3149.1 3033.8	3213.0	3477.4	3365.3	Ave		3247.74080				5.4		20.0			
Endrin	2614.0 2488.5	2645.9	2849.0	2763.3	Ave		2672.15760				5.2		20.0			
4,4'-DDD	2493.5 2574.5	2595.0	2834.4	2761.2	Ave		2651.69720				5.3		20.0			
Endosulfan II	2871.8 2625.7	2783.4	2967.9	2857.7	Ave		2821.29800				4.5		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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

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	2341.5 2520.6	2442.4	2727.0	2676.1	Ave		2541.54480				6.3		20.0			
Endrin aldehyde	2433.3 2080.8	2206.0	2322.0	2246.7	Ave		2257.76520				5.8		20.0			
Endosulfan sulfate	2322.4 2193.1	2230.1	2379.2	2330.6	Ave		2291.07400				3.4		20.0			
Methoxychlor	1312.9 1168.3	1196.8	1273.8	1235.4	Ave		1237.42200				4.7		20.0			
Endrin ketone	2593.0 2302.0	2417.8	2544.1	2517.0	Ave		2474.79920				4.7		20.0			
Tetrachloro-m-xylene	3236.1 2767.3	3292.1	3114.9	3006.5	Ave		3083.38667				6.8		20.0			
DCB Decachlorobiphenyl	2151.8 1897.5	2228.8	2048.1	2020.1	Ave		2069.27100				6.1		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.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.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	41226	209490	455272	1092498	1964810	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	40627	210327	462151	1113558	1996356	10.0	50.0	100	250	500
beta-BHC	Ave	22157	104547	224323	533759	948738	10.0	50.0	100	250	500
delta-BHC	Ave	36189	211178	481210	1179749	2129325	10.0	50.0	100	250	500
Heptachlor	Ave	41303	208707	467704	1132464	2032273	10.0	50.0	100	250	500
Aldrin	Ave	41973	206918	464488	1121420	2015789	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	38454	187870	402402	958613	1700304	10.0	50.0	100	250	500
gamma-Chlordane	Ave	37266	177269	380577	911807	1633734	10.0	50.0	100	250	500
alpha-Chlordane	Ave	35162	161091	343716	810221	1454940	10.0	50.0	100	250	500
Endosulfan I	Ave	32280	154414	329686	792140	1415969	10.0	50.0	100	250	500
4,4'-DDE	Ave	29379	151863	332312	808536	1468536	10.0	50.0	100	250	500
Dieldrin	Ave	31491	160652	347742	841329	1516914	10.0	50.0	100	250	500
Endrin	Ave	26140	132296	284901	690828	1244273	10.0	50.0	100	250	500
4,4'-DDD	Ave	24935	129748	283435	690302	1287234	10.0	50.0	100	250	500
Endosulfan II	Ave	28718	139171	296793	714419	1312832	10.0	50.0	100	250	500
4,4'-DDT	Ave	23415	122121	272704	669035	1260312	10.0	50.0	100	250	500
Endrin aldehyde	Ave	24333	110300	232199	561680	1040408	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	23224	111505	237922	582640	1096545	10.0	50.0	100	250	500
Methoxychlor	Ave	13129	59838	127376	308854	584137	10.0	50.0	100	250	500
Endrin ketone	Ave	25930	120890	254413	629262	1151009	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	80902	164606	311494	450968	553468	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	53795	111440	204811	303015	379509	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125053.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 05-OCT-2011 08:02
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:29 Cal File: xf125055.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							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)							
					CAS #:		
2.597	2.597	0.000	311494	100.000	100	80.00- 120.00	100.00

2 alpha-BHC							
					CAS #:		
3.180	3.180	0.000	455272	100.000	110	80.00- 120.00	100.00

5 gamma-BHC (Lindane)							
					CAS #:		
3.683	3.683	0.000	462151	100.000	110	80.00- 120.00	100.00

3 beta-BHC							
					CAS #:		
3.837	3.837	0.000	224323	100.000	100	80.00- 120.00	100.00

4 delta-BHC							
					CAS #:		
4.613	4.613	0.000	481210	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	
4.820	4.820	0.000	467704	100.000	110	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	464488	100.000	110	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	402402	100.000	110	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.460	7.460	0.000	380577	100.000	100	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	343716	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.730	7.730	0.000	329686	100.000	100	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	332312	100.000	110	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	347742	100.000	110	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	284901	100.000	110	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	283435	100.000	110	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.667	8.667	0.000	296793	100.000	100	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.887	8.887	0.000	272704	100.000	110	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	232199	100.000	100	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.367	9.367	0.000	237922	100.000	100	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.573	9.573	0.000	127376	100.000	100	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.803	9.803	0.000	254413	100.000	100	80.00-	120.00	100.00

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		RATIO
			RESPONSE (ug/L)	(ug/L)	TARGET RANGE		
==	=====	=====	=====	=====	=====		=====
\$ 30 Decachlorobiphenyl(surr)							
				CAS #: 2051-24-3			
10.753	10.753	0.000	204811	100.000	99 80.00- 120.00		100.00

Data File: xf125053.d

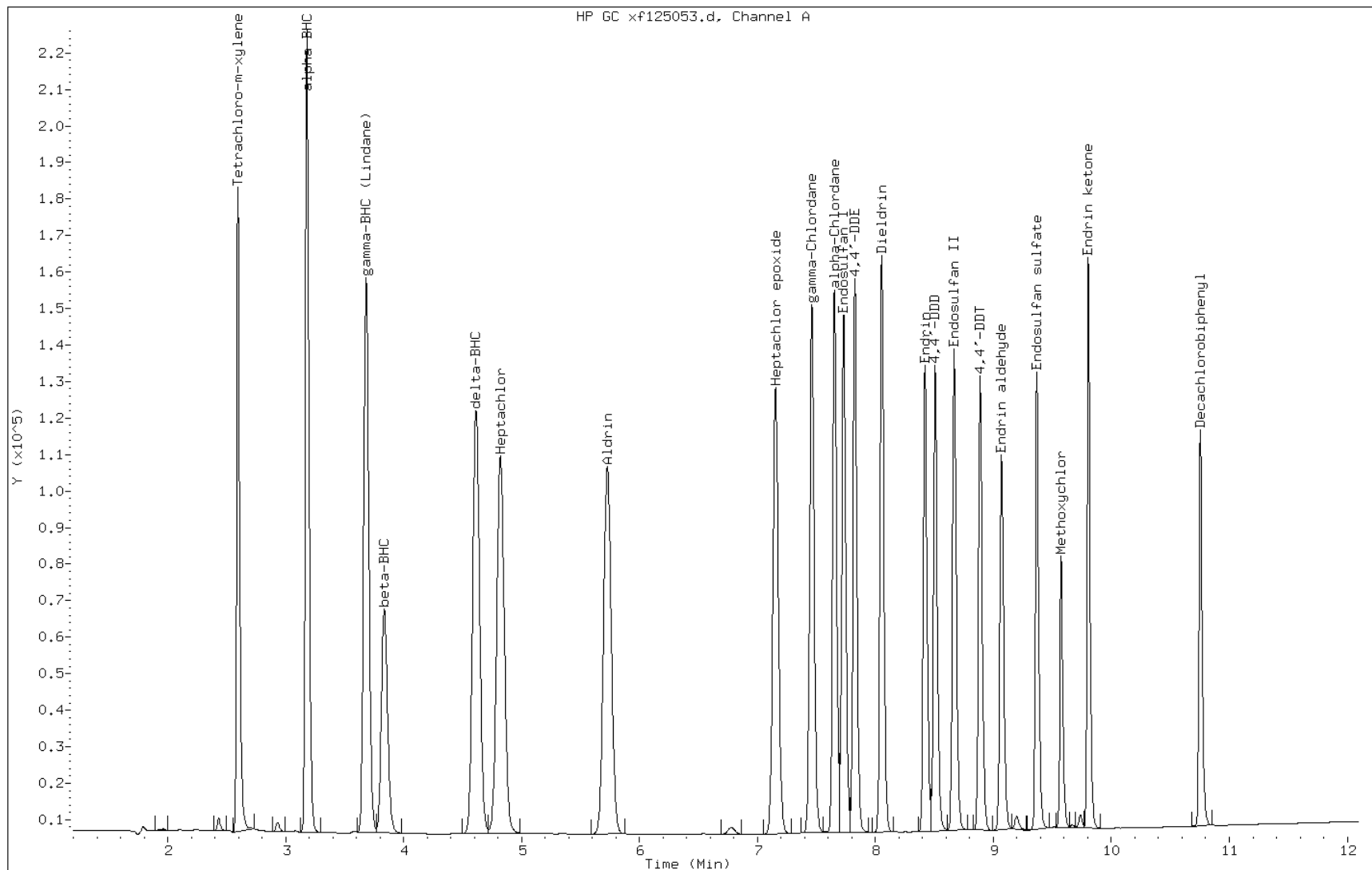
Date: 05-OCT-2011 08:02

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125054.d
Lab Smp Id: SGPESTL1_00012
Inj Date : 05-OCT-2011 08:16
Operator :
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:43
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125056.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		
2.597	2.597	0.000	80902	25.0000	26	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.183	3.180	0.003	41226	10.0000	9.7	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	40627	10.0000	9.5	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.840	3.837	0.003	22157	10.0000	10	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.617	4.613	0.004	36189	10.0000	8.4	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	
4.820	4.820	0.000	41303	10.0000	9.6	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	41973	10.0000	9.8	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	38454	10.0000	10	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.463	7.460	0.003	37266	10.0000	10	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	35162	10.0000	11	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.733	7.730	0.003	32280	10.0000	10	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	29379	10.0000	9.5	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	31491	10.0000	9.7	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	26140	10.0000	9.8	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	24935	10.0000	9.4	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.670	8.667	0.003	28718	10.0000	10	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.890	8.887	0.003	23415	10.0000	9.2	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	24333	10.0000	11	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.370	9.367	0.003	23224	10.0000	10	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.577	9.573	0.004	13129	10.0000	11	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.807	9.803	0.004	25930	10.0000	10	80.00-	120.00	100.00

Data File: xf125054.d
Report Date: 05-Oct-2011 09:58

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		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				
10.753	10.753	0.000	53795	25.0000	26	80.00-	120.00	100.00	

Data File: xf125054.d

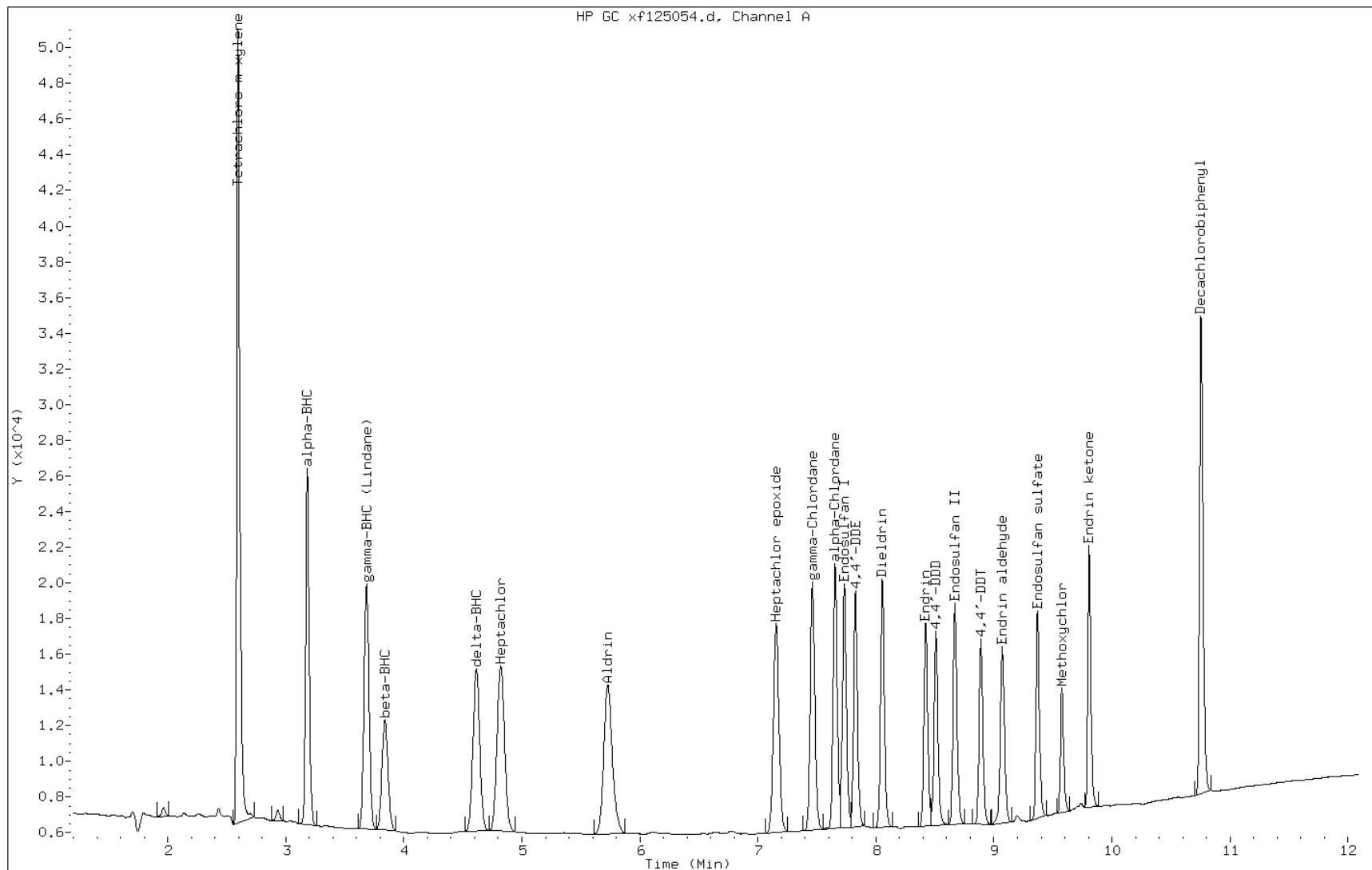
Date: 05-OCT-2011 08:16

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL1_00012

Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125055.d
Lab Smp Id: SGPESTL2_00009
Inj Date : 05-OCT-2011 08:29
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:57
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125057.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		
2.597	2.597	0.000	164606	50.0000	53	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.183	3.180	0.003	209490	50.0000	49	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	210327	50.0000	49	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.840	3.837	0.003	104547	50.0000	49	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.617	4.613	0.004	211178	50.0000	49	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	
4.823	4.820	0.003	208707	50.0000	48	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	206918	50.0000	48	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	187870	50.0000	50	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.463	7.460	0.003	177269	50.0000	49	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	161091	50.0000	49	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.733	7.730	0.003	154414	50.0000	49	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	151863	50.0000	49	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	160652	50.0000	49	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	132296	50.0000	50	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	129748	50.0000	49	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.670	8.667	0.003	139171	50.0000	49	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.890	8.887	0.003	122121	50.0000	48	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	110300	50.0000	49	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.370	9.367	0.003	111505	50.0000	49	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.573	9.573	0.000	59838	50.0000	48	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.807	9.803	0.004	120890	50.0000	49	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						
10.753	10.753	0.000	111440	50.0000	54	80.00- 120.00	100.00		

Data File: xf125055.d

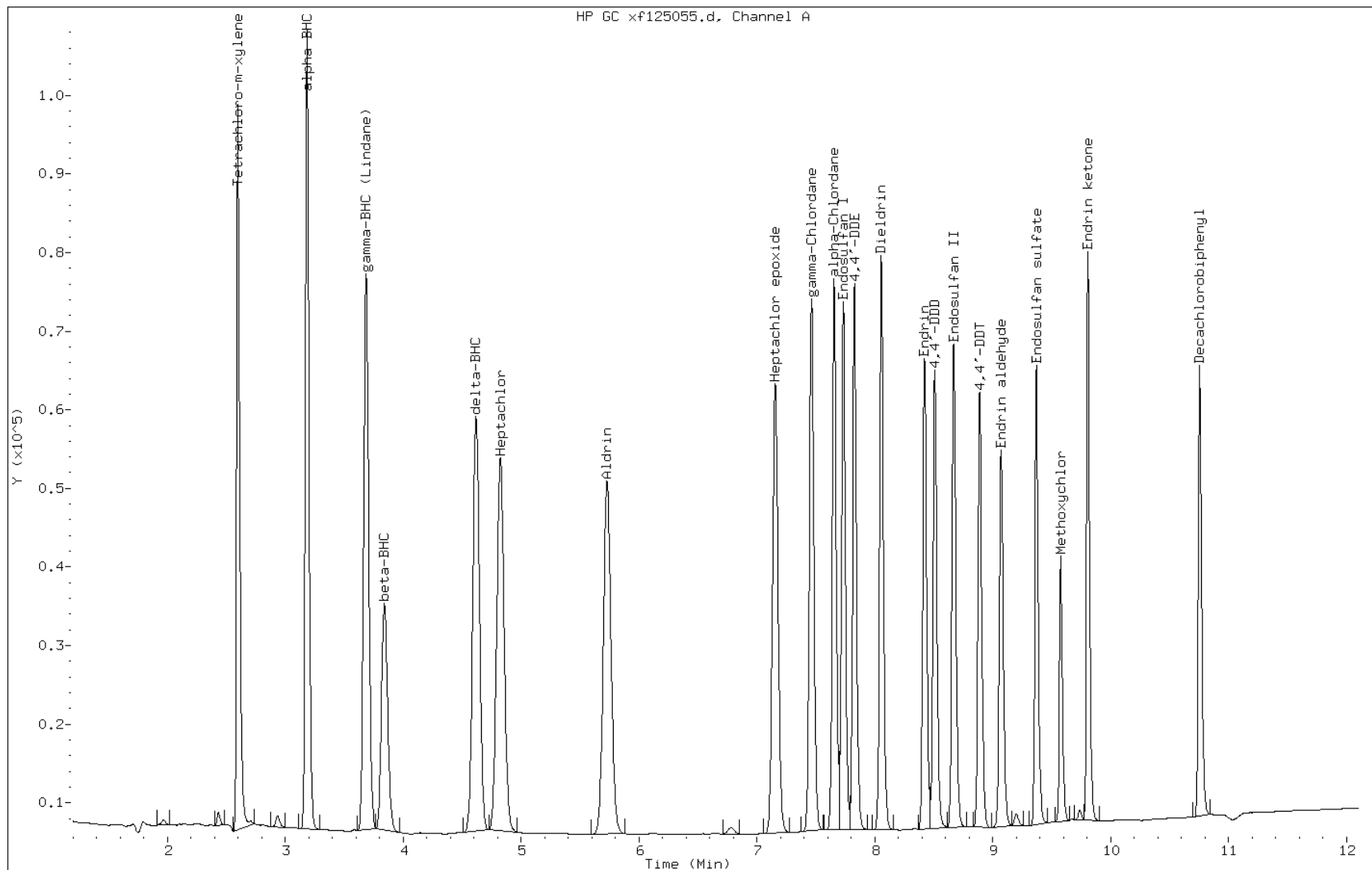
Date: 05-OCT-2011 08:29

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL2_00009

Operator:



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GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125056.d
Lab Smp Id: SGPESTL4_00009
Inj Date : 05-OCT-2011 08:43
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.597	0.000	450968	150.000	150	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.180	3.180	0.000	1092498	250.000	260	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	1113558	250.000	260	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000	533759	250.000	250	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.613	4.613	0.000	1179749	250.000	270	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	
4.820	4.820	0.000	1132464	250.000	260	80.00- 120.00	100.00	

1 Aldrin						CAS #:	309-00-2	
5.727	5.727	0.000	1121420	250.000	260	80.00- 120.00	100.00	

18 Heptachlor epoxide						CAS #:	1024-57-3	
7.153	7.153	0.000	958613	250.000	250	80.00- 120.00	100.00	

65 gamma-Chlordane						CAS #:	5103-74-2	
7.460	7.460	0.000	911807	250.000	250	80.00- 120.00	100.00	

66 alpha-Chlordane						CAS #:	5103-71-9	
7.653	7.653	0.000	810221	250.000	250	80.00- 120.00	100.00	

11 Endosulfan I						CAS #:	959-98-8	
7.730	7.730	0.000	792140	250.000	250	80.00- 120.00	100.00	

8 4,4'-DDE						CAS #:	72-55-9	
7.823	7.827	-0.004	808536	250.000	260	80.00- 120.00	100.00	

10 Dieldrin						CAS #:	60-57-1	
8.053	8.053	0.000	841329	250.000	260	80.00- 120.00	100.00	

14 Endrin						CAS #:	72-20-8	
8.420	8.420	0.000	690828	250.000	260	80.00- 120.00	100.00	

7 4,4'-DDD						CAS #:	72-54-8	
8.507	8.507	0.000	690302	250.000	260	80.00- 120.00	100.00	

12 Endosulfan II						CAS #:	33213-65-9	
8.667	8.667	0.000	714419	250.000	250	80.00- 120.00	100.00	

9 4,4'-DDT						CAS #:	50-29-3	
8.887	8.887	0.000	669035	250.000	260	80.00- 120.00	100.00	

15 Endrin aldehyde						CAS #:	7421-93-4	
9.070	9.070	0.000	561680	250.000	250	80.00- 120.00	100.00	

13 Endosulfan sulfate						CAS #:	1031-07-8	
9.367	9.367	0.000	582640	250.000	250	80.00- 120.00	100.00	

19 Methoxychlor						CAS #:	72-43-5	
9.573	9.573	0.000	308854	250.000	250	80.00- 120.00	100.00	

16 Endrin ketone						CAS #:	53494-70-5	
9.803	9.803	0.000	629262	250.000	250	80.00- 120.00	100.00	

AMOUNTS							
			CAL-AMT		ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.753	10.753	0.000	303015	150.000	150	80.00- 120.00	100.00

Data File: xf125056.d

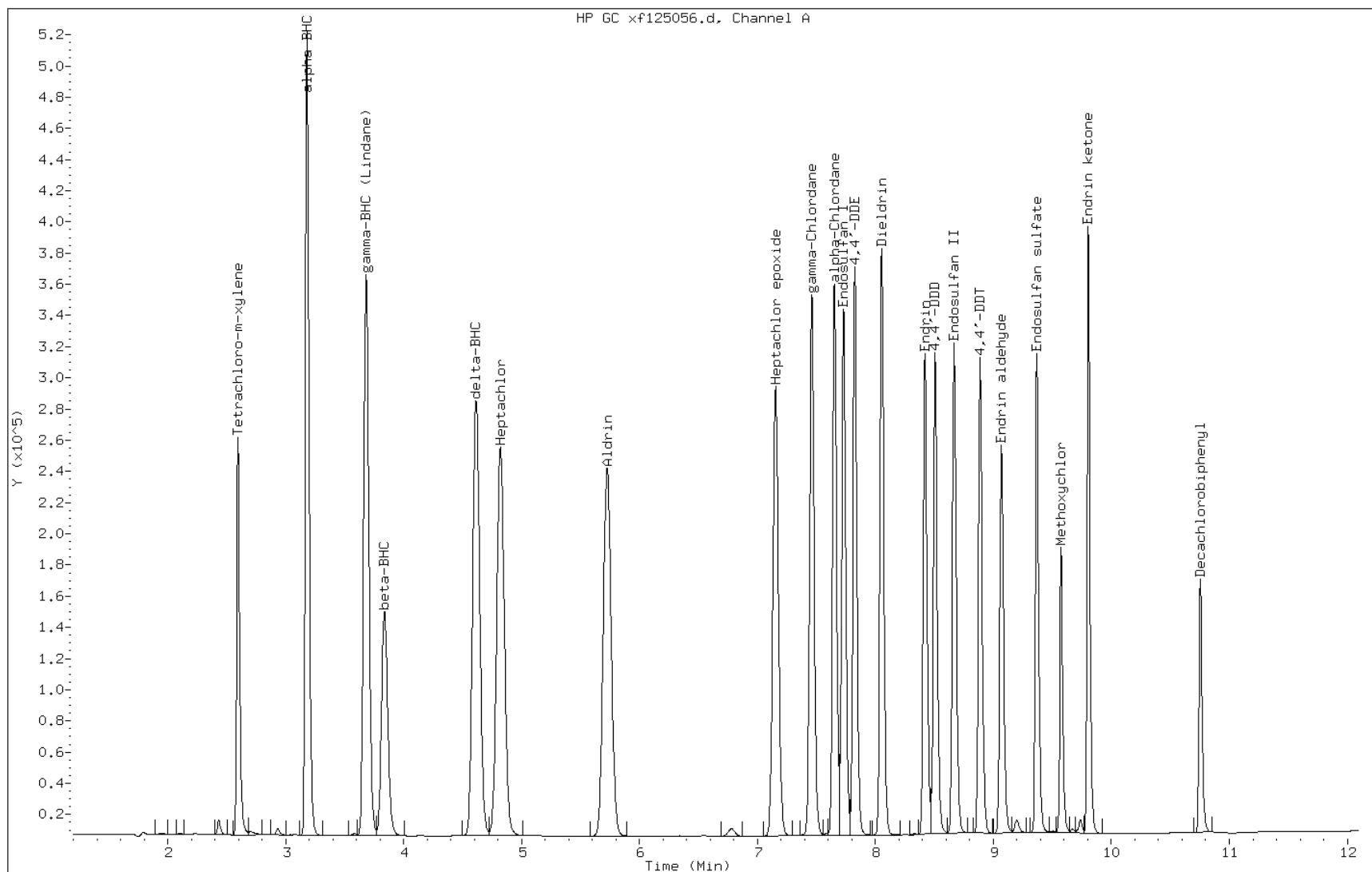
Date: 05-OCT-2011 08:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL4_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125057.d
Lab Smp Id: SGPESTL5_00009
Inj Date : 05-OCT-2011 08:57
Operator :
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.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		
2.593	2.597	-0.004	553468	200.000	180	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.180	3.183	-0.003	1964810	500.000	460	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	1996356	500.000	470	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000	948738	500.000	450	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
4.613	4.617	-0.004	2129325	500.000	490	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	
4.820	4.820	0.000	2032273	500.000	470	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	2015789	500.000	470	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	1700304	500.000	450	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.460	7.460	0.000	1633734	500.000	450	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	1454940	500.000	440	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.733	7.733	0.000	1415969	500.000	450	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	1468536	500.000	470	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	1516914	500.000	470	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	1244273	500.000	460	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	1287234	500.000	480	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.667	8.667	0.000	1312832	500.000	460	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.887	8.887	0.000	1260312	500.000	500	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	1040408	500.000	460	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.370	9.370	0.000	1096545	500.000	480	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.573	9.573	0.000	584137	500.000	470	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.803	9.803	0.000	1151009	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						
10.753	10.753	0.000	379509	200.000	180 80.00- 120.00	100.00					

Data File: xf125057.d

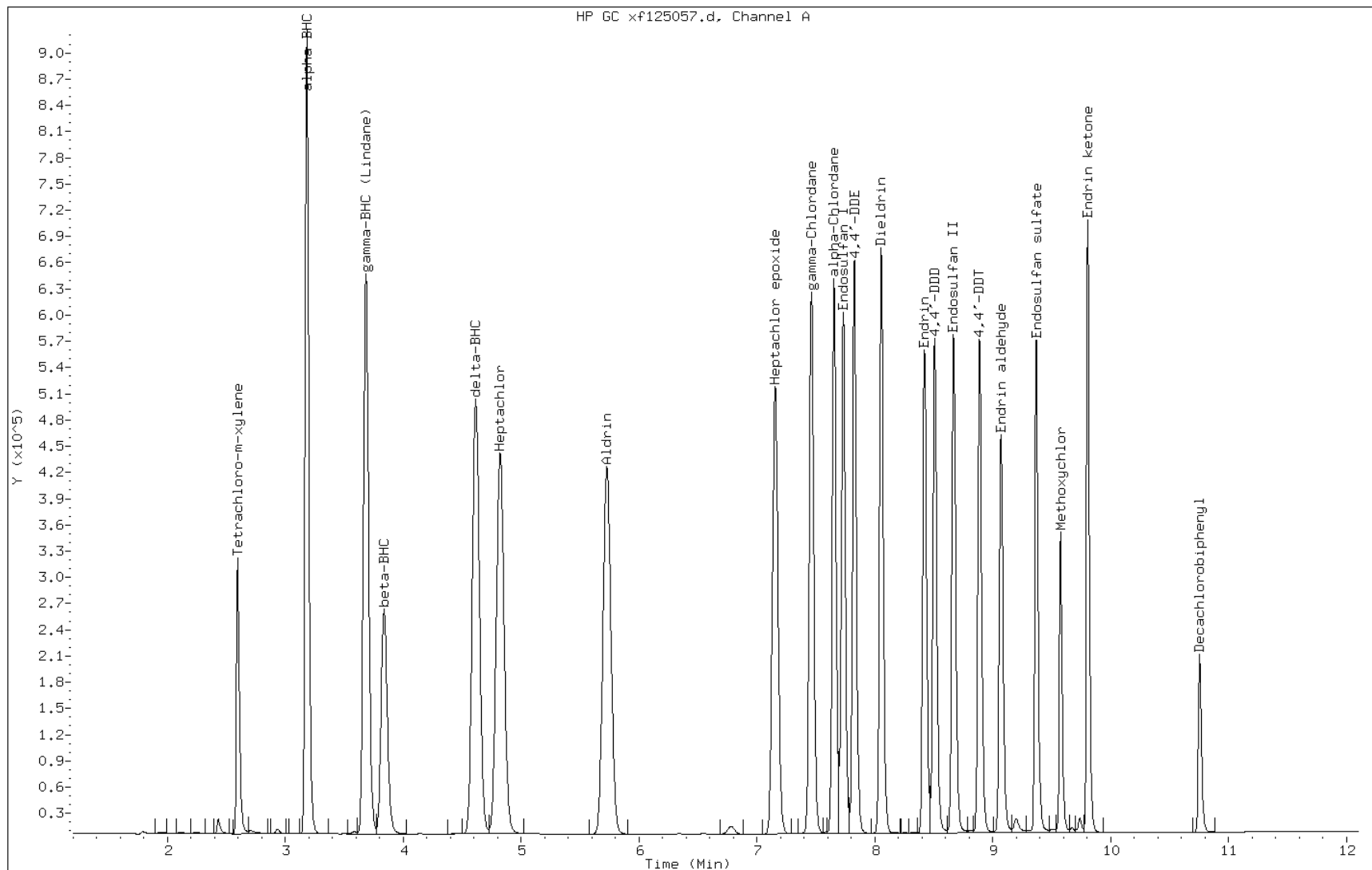
Date: 05-OCT-2011 08:57

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL5_00009

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xr125054.d
Level 2	IC 460-88313/7	xr125055.d
Level 3	IC 460-88313/5	xr125053.d
Level 4	IC 460-88313/8	xr125056.d
Level 5	IC 460-88313/9	xr125057.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.317	2.317	2.317	2.317	2.313						2.267 - 2.367	2.316
gamma-BHC (Lindane)	2.540	2.540	2.537	2.537	2.537						2.487 - 2.587	2.538
beta-BHC	2.603	2.603	2.600	2.600	2.600						2.550 - 2.650	2.601
delta-BHC	2.730	2.730	2.730	2.730	2.727						2.680 - 2.780	2.729
Heptachlor	2.897	2.897	2.897	2.897	2.897						2.847 - 2.947	2.897
Aldrin	3.167	3.163	3.163	3.167	3.163						3.117 - 3.217	3.165
Heptachlor epoxide	4.037	4.037	4.037	4.037	4.033						3.967 - 4.107	4.036
gamma-Chlordane	4.327	4.327	4.327	4.327	4.327						4.257 - 4.397	4.327
alpha-Chlordane	4.637	4.640	4.640	4.640	4.637						4.570 - 4.710	4.639
4,4'-DDE	4.847	4.847	4.850	4.847	4.847						4.780 - 4.920	4.847
Endosulfan I	4.953	4.957	4.957	4.957	4.953						4.887 - 5.027	4.955
Dieldrin	5.550	5.550	5.550	5.550	5.550						5.480 - 5.620	5.550
Endrin	6.137	6.140	6.140	6.137	6.137						6.070 - 6.210	6.138
4,4'-DDD	6.333	6.337	6.337	6.337	6.333						6.267 - 6.407	6.335
Endosulfan II	6.673	6.673	6.673	6.673	6.673						6.603 - 6.743	6.673
4,4'-DDT	6.980	6.980	6.983	6.980	6.980						6.913 - 7.053	6.981
Endrin aldehyde	7.440	7.440	7.440	7.440	7.440						7.370 - 7.510	7.440
Methoxychlor	7.697	7.697	7.697	7.697	7.697						7.627 - 7.767	7.697
Endosulfan sulfate	7.943	7.943	7.943	7.940	7.940						7.870 - 8.010	7.942
Endrin ketone	8.253	8.253	8.253	8.253	8.253						8.183 - 8.323	8.253
Tetrachloro-m-xylene	1.927	1.927	1.927	1.927	1.927						1.880 - 1.980	1.927
DCB Decachlorobiphenyl	9.387	9.387	9.383	9.383	9.387						9.283 - 9.483	9.385

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xr125054.d
Level 2	IC 460-88313/7	xr125055.d
Level 3	IC 460-88313/5	xr125053.d
Level 4	IC 460-88313/8	xr125056.d
Level 5	IC 460-88313/9	xr125057.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	7475.5 7032.4	8148.7	8672.2	7882.3	Ave		7842.21040				8.0		20.0			
gamma-BHC (Lindane)	6775.6 5669.8	6635.0	7129.2	6365.2	Ave		6514.95720				8.4		20.0			
beta-BHC	3646.4 3299.9	3816.3	4058.1	3796.1	Ave		3723.34240				7.5		20.0			
delta-BHC	6553.8 6390.0	6976.9	7745.9	7129.3	Ave		6959.20440				7.7		20.0			
Heptachlor	7344.3 6233.6	7041.3	7918.0	6979.6	Ave		7103.35400				8.6		20.0			
Aldrin	6410.6 6256.8	6657.9	7476.6	7006.7	Ave		6761.71800				7.2		20.0			
Heptachlor epoxide	6885.0 6378.3	6962.1	7675.5	7264.9	Ave		7033.15160				6.8		20.0			
gamma-Chlordane	7382.0 6589.4	6886.3	7797.9	7348.6	Ave		7200.84200				6.5		20.0			
alpha-Chlordane	6740.9 6455.1	6746.0	7562.2	7182.5	Ave		6937.33120				6.3		20.0			
4,4'-DDE	5951.6 5807.6	5941.3	6833.2	6588.9	Ave		6224.51680				7.3		20.0			
Endosulfan I	6315.0 6304.0	6588.3	7476.3	7063.8	Ave		6749.46280				7.6		20.0			
Dieldrin	5979.6 6473.5	6485.6	7456.8	7274.8	Ave		6734.06960				9.1		20.0			
Endrin	5208.9 5450.9	5720.2	6435.1	6184.0	Ave		5799.81320				8.7		20.0			
4,4'-DDD	4259.0 5409.1	5044.0	5976.2	5913.7	Ave		5320.40920				13.3		20.0			
Endosulfan II	5744.1 5559.6	5816.5	6506.5	6231.2	Ave		5971.57800				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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

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	4909.9 5592.6	5269.4	6232.6	6076.2	Ave		5616.14200				9.8		20.0			
Endrin aldehyde	4651.0 4213.8	4529.6	4932.6	4690.6	Ave		4603.52280				5.7		20.0			
Methoxychlor	2950.3 2530.6	2859.2	3096.0	2830.7	Ave		2853.35840				7.3		20.0			
Endosulfan sulfate	4609.9 4339.4	4552.8	5058.0	4832.5	Ave		4678.51120				5.9		20.0			
Endrin ketone	5264.4 4951.2	5264.4	5821.7	5607.4	Ave		5381.81240				6.3		20.0			
Tetrachloro-m-xylene	5971.5 5206.5	6373.7	6023.4	5694.4	Ave		5853.88700				7.4		20.0			
DCB Decachlorobiphenyl	4249.2 4200.7	4595.4	4726.3	4683.3	Ave		4490.99933				5.5		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.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xrl25054.d
Level 2	IC 460-88313/7	xrl25055.d
Level 3	IC 460-88313/5	xrl25053.d
Level 4	IC 460-88313/8	xrl25056.d
Level 5	IC 460-88313/9	xrl25057.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	74755	407437	867220	1970565	3516176	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	67756	331752	712918	1591303	2834877	10.0	50.0	100	250	500
beta-BHC	Ave	36464	190815	405807	949014	1649943	10.0	50.0	100	250	500
delta-BHC	Ave	65538	348847	774594	1782330	3195011	10.0	50.0	100	250	500
Heptachlor	Ave	73443	352065	791799	1744900	3116790	10.0	50.0	100	250	500
Aldrin	Ave	64106	332895	747663	1751670	3128390	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	68850	348103	767554	1816213	3189153	10.0	50.0	100	250	500
gamma-Chlordane	Ave	73820	344315	779791	1837153	3294694	10.0	50.0	100	250	500
alpha-Chlordane	Ave	67409	337300	756218	1795624	3227540	10.0	50.0	100	250	500
4,4'-DDE	Ave	59516	297066	683319	1647219	2903799	10.0	50.0	100	250	500
Endosulfan I	Ave	63150	329413	747625	1765950	3152002	10.0	50.0	100	250	500
Dieldrin	Ave	59796	324278	745682	1818705	3236774	10.0	50.0	100	250	500
Endrin	Ave	52089	286010	643507	1545994	2725460	10.0	50.0	100	250	500
4,4'-DDD	Ave	42590	252201	597623	1478434	2704530	10.0	50.0	100	250	500
Endosulfan II	Ave	57441	290826	650647	1557798	2779804	10.0	50.0	100	250	500
4,4'-DDT	Ave	49099	263471	623256	1519062	2796291	10.0	50.0	100	250	500
Endrin aldehyde	Ave	46510	226482	493257	1172644	2106914	10.0	50.0	100	250	500
Methoxychlor	Ave	29503	142962	309597	707664	1265313	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	46099	227638	505801	1208120	2169703	10.0	50.0	100	250	500
Endrin ketone	Ave	52644	263218	582173	1401850	2475586	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	149287	318684	602339	854154	1041305	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	106229	229771	472634	702502	840146	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125053.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 05-OCT-2011 08:02
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:57 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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		
1.927	1.927	0.000	602339	100.000	100	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.317	2.317	0.000	867220	100.000	110	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.537	2.537	0.000	712918	100.000	110	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
2.600	2.600	0.000	405807	100.000	110	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
2.730	2.730	0.000	774594	100.000	110	80.00-	120.00	100.00

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			RESPONSE	CAL-AMT (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
2.897	2.897	0.000	791799	100.000	110	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
3.163	3.163	0.000	747663	100.000	110	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
4.037	4.037	0.000	767554	100.000	110	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
4.327	4.327	0.000	779791	100.000	110	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
4.640	4.640	0.000	756218	100.000	110	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
4.850	4.850	0.000	683319	100.000	110	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
4.957	4.957	0.000	747625	100.000	110	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
5.550	5.550	0.000	745682	100.000	110	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
6.140	6.140	0.000	643507	100.000	110	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
6.337	6.337	0.000	597623	100.000	110	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
6.673	6.673	0.000	650647	100.000	110	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
6.983	6.983	0.000	623256	100.000	110	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
7.440	7.440	0.000	493257	100.000	110	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
7.697	7.697	0.000	309597	100.000	110	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
7.943	7.943	0.000	505801	100.000	110	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
8.253	8.253	0.000	582173	100.000	110	80.00- 120.00	100.00

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.383	9.383	0.000	472634	100.000	100	80.00-	120.00	100.00	

Data File: xr125053.d

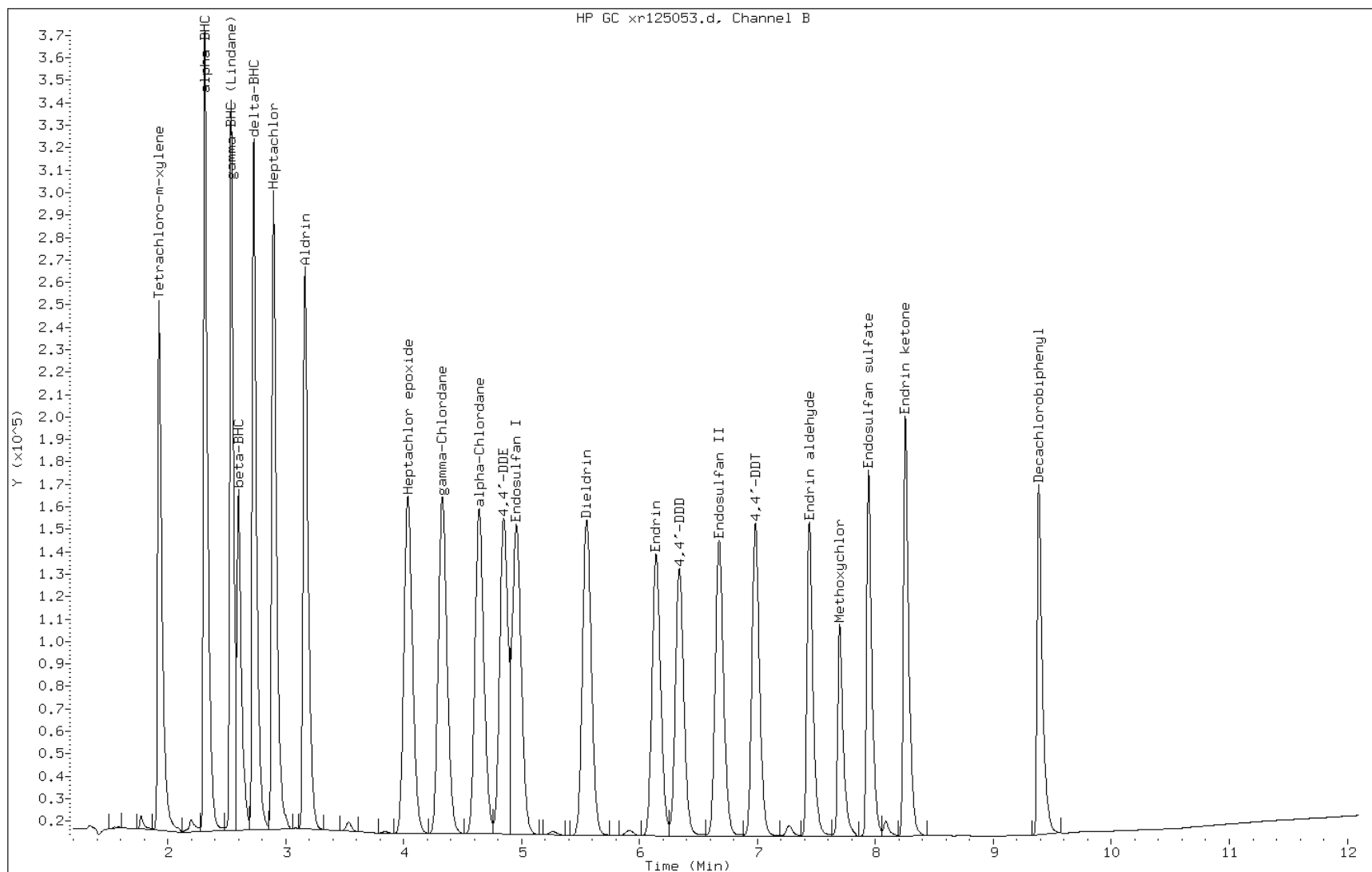
Date: 05-OCT-2011 08:02

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



Data File: xr125054.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125054.d
Lab Smp Id: SGPESTL1_00012
Inj Date : 05-OCT-2011 08:16
Operator :
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:16 Cal File: xr125054.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

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	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
				CAS #: 877-09-8					
1.927	1.927	0.000	149287	25.0000	26	80.00- 120.00	100.00		

2 alpha-BHC				CAS #: 319-84-6					
2.317	2.317	0.000	74755	10.0000	9.5	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)				CAS #: 58-89-9					
2.540	2.537	0.003	67756	10.0000	10	80.00- 120.00	100.00		

3 beta-BHC				CAS #: 319-85-7					
2.603	2.600	0.003	36464	10.0000	9.8	80.00- 120.00	100.00		

4 delta-BHC				CAS #: 319-86-8					
2.730	2.730	0.000	65538	10.0000	9.4	80.00- 120.00	100.00		

Data File: xr125054.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
2.897	2.897	0.000	73443	10.0000	10	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
3.167	3.163	0.004	64106	10.0000	9.5	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
4.037	4.037	0.000	68850	10.0000	9.8	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
4.327	4.327	0.000	73820	10.0000	10	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
4.637	4.640	-0.003	67409	10.0000	9.7	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
4.847	4.850	-0.003	59516	10.0000	9.6	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
4.953	4.957	-0.004	63150	10.0000	9.4	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
5.550	5.550	0.000	59796	10.0000	8.9	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
6.137	6.140	-0.003	52089	10.0000	9.0	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
6.333	6.337	-0.004	42590	10.0000	8.0	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
6.673	6.673	0.000	57441	10.0000	9.6	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
6.980	6.983	-0.003	49099	10.0000	8.7	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.440	7.440	0.000	46510	10.0000	10	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.697	7.697	0.000	29503	10.0000	10	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
7.943	7.943	0.000	46099	10.0000	9.8	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.253	8.253	0.000	52644	10.0000	9.8	80.00-	120.00	100.00

Data File: xr125054.d
 Report Date: 05-Oct-2011 09:58

		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						
9.387	9.383	0.004	106229	25.0000	24	80.00-	120.00	100.00	

Data File: xr125054.d

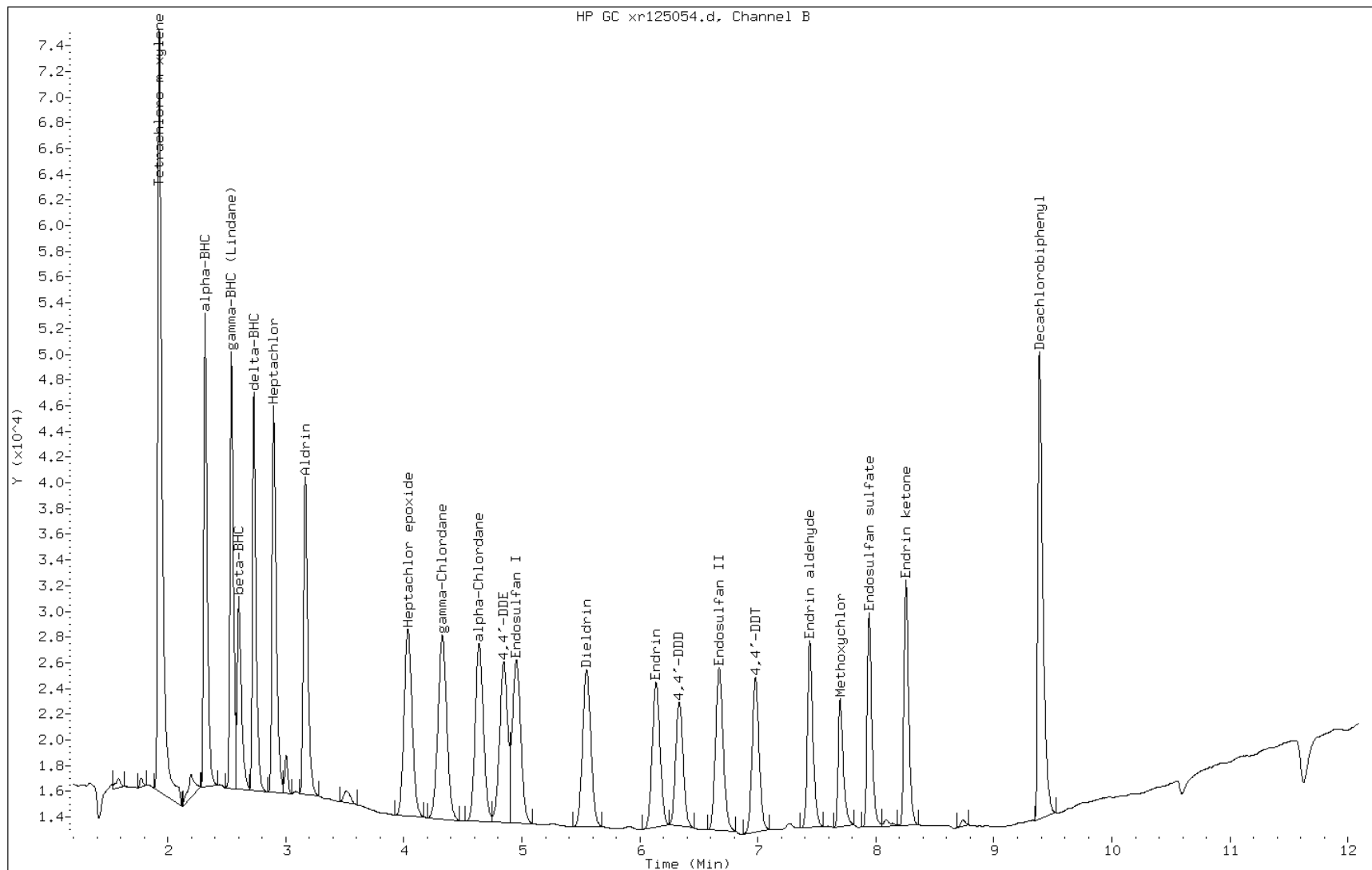
Date: 05-OCT-2011 08:16

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL1_00012

Operator:



Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125055.d
Lab Smp Id: SGPESTL2_00009
Inj Date : 05-OCT-2011 08:29
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:29 Cal File: xr125055.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	318684	50.0000	54	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.317	2.317	0.000	407437	50.0000	52	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.540	2.537	0.003	331752	50.0000	51	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
2.603	2.600	0.003	190815	50.0000	51	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
2.730	2.730	0.000	348847	50.0000	50	80.00-	120.00	100.00

Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
2.897	2.897	0.000	352065	50.0000	50	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
3.163	3.163	0.000	332895	50.0000	49	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
4.037	4.037	0.000	348103	50.0000	49	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
4.327	4.327	0.000	344315	50.0000	48	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
4.640	4.640	0.000	337300	50.0000	49	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
4.847	4.850	-0.003	297066	50.0000	48	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
4.957	4.957	0.000	329413	50.0000	49	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
5.550	5.550	0.000	324278	50.0000	48	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
6.140	6.140	0.000	286010	50.0000	49	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
6.337	6.337	0.000	252201	50.0000	47	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
6.673	6.673	0.000	290826	50.0000	49	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
6.980	6.983	-0.003	263471	50.0000	47	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.440	7.440	0.000	226482	50.0000	49	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.697	7.697	0.000	142962	50.0000	50	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
7.943	7.943	0.000	227638	50.0000	49	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.253	8.253	0.000	263218	50.0000	49	80.00-	120.00	100.00

Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.387	9.383	0.004	229771	50.0000	51	80.00-	120.00	100.00	

Data File: xr125055.d

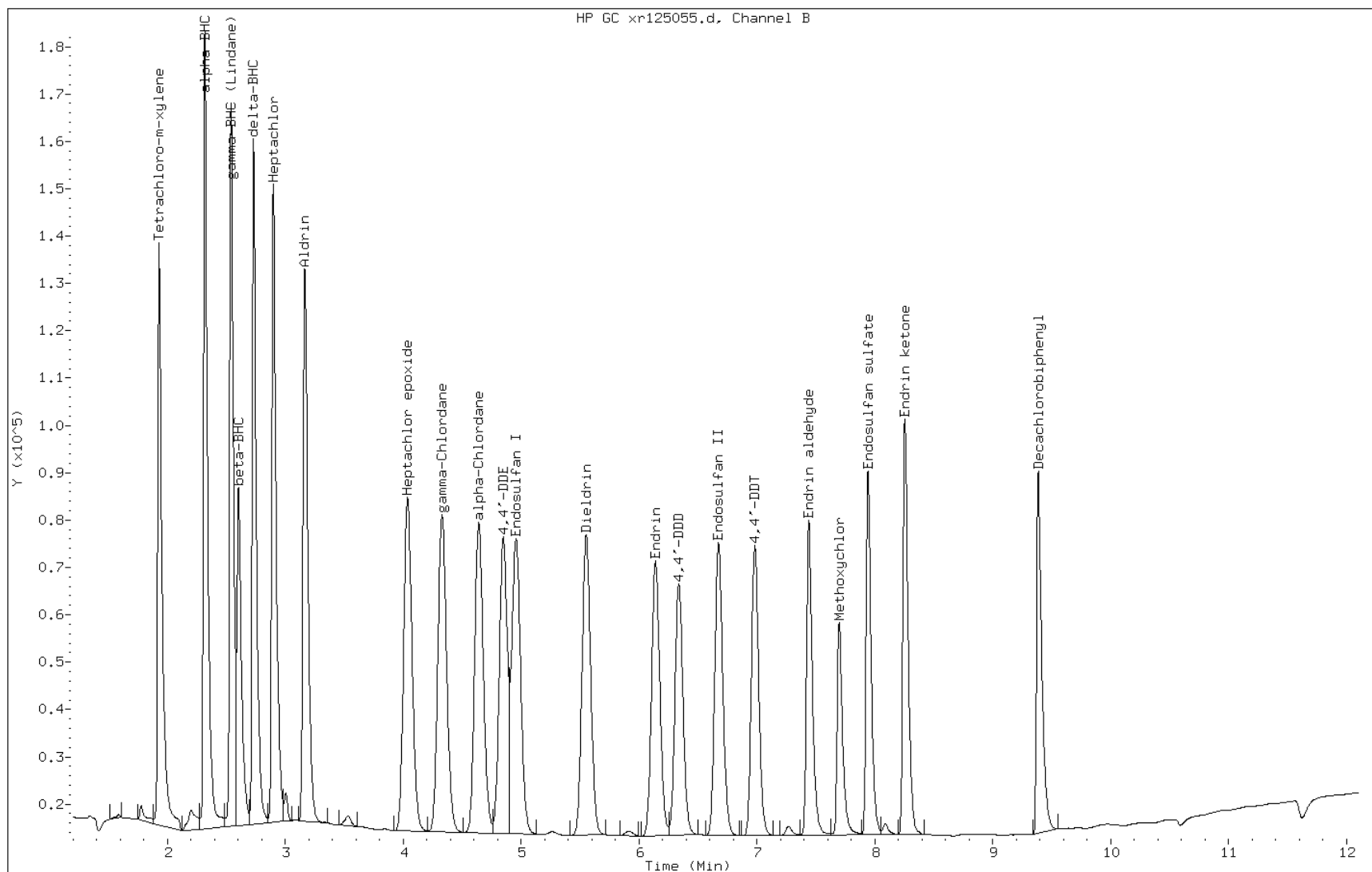
Date: 05-OCT-2011 08:29

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL2_00009

Operator:



Data File: xr125056.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125056.d
Lab Smp Id: SGPESTL4_00009
Inj Date : 05-OCT-2011 08:43
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:43 Cal File: xr125056.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		
1.927	1.927	0.000	854154	150.000	140	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
2.317	2.317	0.000	1970565	250.000	250	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.537	2.537	0.000	1591303	250.000	240	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
2.600	2.600	0.000	949014	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
2.730	2.730	0.000	1782330	250.000	260	80.00- 120.00		100.00

Data File: xr125056.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
2.897	2.897	0.000	1744900	250.000	240	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
3.167	3.163	0.004	1751670	250.000	260	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
4.037	4.037	0.000	1816213	250.000	260	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
4.327	4.327	0.000	1837153	250.000	260	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
4.640	4.640	0.000	1795624	250.000	260	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
4.847	4.850	-0.003	1647219	250.000	260	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
4.957	4.957	0.000	1765950	250.000	260	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
5.550	5.550	0.000	1818705	250.000	270	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
6.137	6.140	-0.003	1545994	250.000	270	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
6.337	6.337	0.000	1478434	250.000	280	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
6.673	6.673	0.000	1557798	250.000	260	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
6.980	6.983	-0.003	1519062	250.000	270	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.440	7.440	0.000	1172644	250.000	250	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.697	7.697	0.000	707664	250.000	250	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
7.940	7.943	-0.003	1208120	250.000	260	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.253	8.253	0.000	1401850	250.000	260	80.00-	120.00	100.00

Data File: xr125056.d
 Report Date: 05-Oct-2011 09:58

		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						
9.383	9.383	0.000	702502	150.000	160	80.00-	120.00	100.00	

Data File: xr125056.d

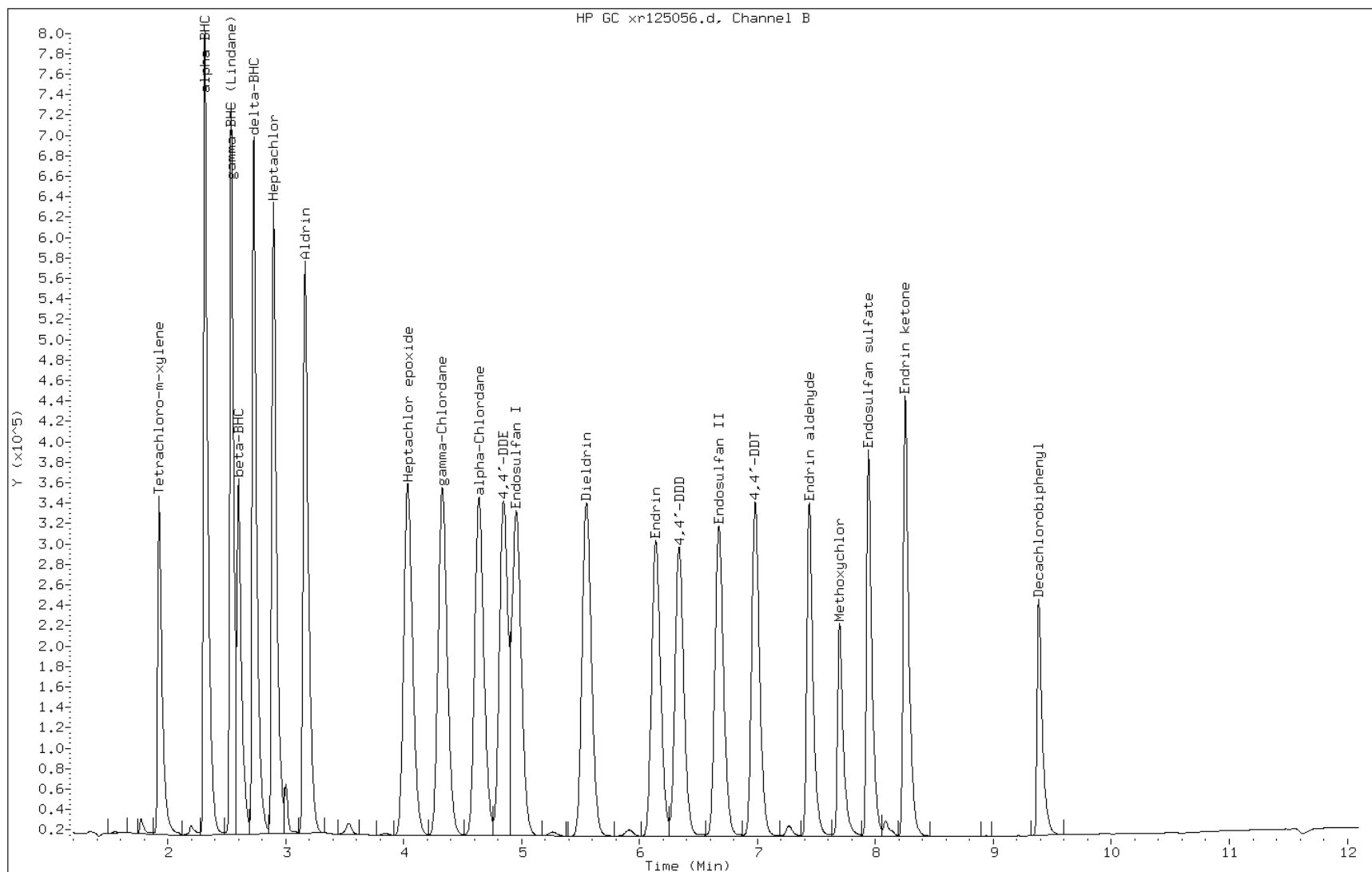
Date: 05-OCT-2011 08:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL4_00009

Operator:



Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125057.d
Lab Smp Id: SGPESTL5_00009
Inj Date : 05-OCT-2011 08:57
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:57 Cal File: xr125057.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	1041305	200.000	180	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
2.313	2.317	-0.004	3516176	500.000	450	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.537	2.537	0.000	2834877	500.000	440	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
2.600	2.600	0.000	1649943	500.000	440	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
2.727	2.730	-0.003	3195011	500.000	460	80.00- 120.00		100.00

Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
2.897	2.897	0.000	3116790	500.000	CAS #: 440	76-44-8	80.00- 120.00	100.00

1 Aldrin								
3.163	3.163	0.000	3128390	500.000	CAS #: 460	309-00-2	80.00- 120.00	100.00

18 Heptachlor epoxide								
4.033	4.037	-0.004	3189153	500.000	CAS #: 450	1024-57-3	80.00- 120.00	100.00

65 gamma-Chlordane								
4.327	4.327	0.000	3294694	500.000	CAS #: 460	5103-74-2	80.00- 120.00	100.00

66 alpha-Chlordane								
4.637	4.640	-0.003	3227540	500.000	CAS #: 460	5103-71-9	80.00- 120.00	100.00

8 4,4'-DDE								
4.847	4.850	-0.003	2903799	500.000	CAS #: 470	72-55-9	80.00- 120.00	100.00

11 Endosulfan I								
4.953	4.957	-0.004	3152002	500.000	CAS #: 470	959-98-8	80.00- 120.00	100.00

10 Dieldrin								
5.550	5.550	0.000	3236774	500.000	CAS #: 480	60-57-1	80.00- 120.00	100.00

14 Endrin								
6.137	6.140	-0.003	2725460	500.000	CAS #: 470	72-20-8	80.00- 120.00	100.00

7 4,4'-DDD								
6.333	6.337	-0.004	2704530	500.000	CAS #: 510	72-54-8	80.00- 120.00	100.00(A)

12 Endosulfan II								
6.673	6.673	0.000	2779804	500.000	CAS #: 460	33213-65-9	80.00- 120.00	100.00

9 4,4'-DDT								
6.980	6.983	-0.003	2796291	500.000	CAS #: 500	50-29-3	80.00- 120.00	100.00

15 Endrin aldehyde								
7.440	7.440	0.000	2106914	500.000	CAS #: 460	7421-93-4	80.00- 120.00	100.00

19 Methoxychlor								
7.697	7.697	0.000	1265313	500.000	CAS #: 440	72-43-5	80.00- 120.00	100.00

13 Endosulfan sulfate								
7.940	7.943	-0.003	2169703	500.000	CAS #: 460	1031-07-8	80.00- 120.00	100.00

16 Endrin ketone								
8.253	8.253	0.000	2475586	500.000	CAS #: 460	53494-70-5	80.00- 120.00	100.00

Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.387	9.383	0.004	840146	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

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

Data File: xr125057.d

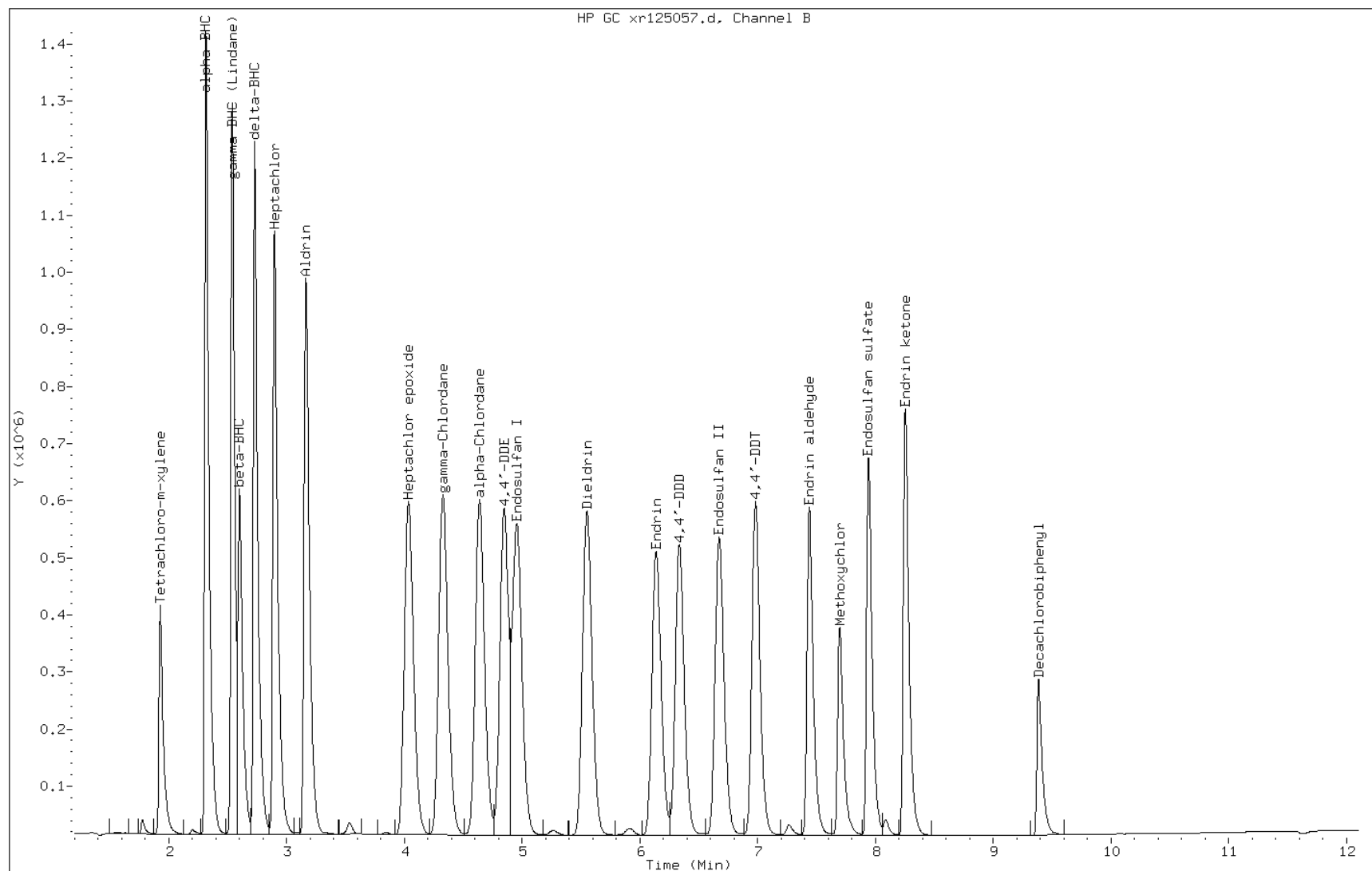
Date: 05-OCT-2011 08:57

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL5_00009

Operator:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.347										8.277 - 8.417	8.347
Toxaphene Peak 2	8.767										8.697 - 8.837	8.767
Toxaphene Peak 3	9.080										9.010 - 9.150	9.080
Toxaphene Peak 4	9.183										9.113 - 9.253	9.183
Toxaphene Peak 5	9.587										9.517 - 9.657	9.587
Toxaphene Peak 6	9.627										9.557 - 9.697	9.627
Toxaphene Peak 7	9.880										9.810 - 9.950	9.880
Toxaphene Peak 8	10.007										9.937 - 10.077	10.007

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.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	99.220				Ave		99.2200000						20.0			
Toxaphene Peak 2	179.11				Ave		179.113000						20.0			
Toxaphene Peak 3	172.39				Ave		172.389000						20.0			
Toxaphene Peak 4	134.51				Ave		134.505000						20.0			
Toxaphene Peak 5	127.92				Ave		127.920000						20.0			
Toxaphene Peak 6	238.29				Ave		238.291000						20.0			
Toxaphene Peak 7	91.725				Ave		91.7250000						20.0			
Toxaphene Peak 8	76.360				Ave		76.3600000						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.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	99220					1000				
Toxaphene Peak 2	Ave	179113					1000				
Toxaphene Peak 3	Ave	172389					1000				
Toxaphene Peak 4	Ave	134505					1000				
Toxaphene Peak 5	Ave	127920					1000				
Toxaphene Peak 6	Ave	238291					1000				
Toxaphene Peak 7	Ave	91725					1000				
Toxaphene Peak 8	Ave	76360					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125059.d
Lab Smp Id: SGT0XL3_00010
Inj Date : 05-OCT-2011 09:25
Operator : Inst ID: PESTGC1.i
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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			
8.347	8.347	0.000	99220 1000.00	1000	80.00- 120.00	100.00
8.767	8.767	0.000	179113 1000.00	1000	144.42- 216.63	180.52
9.080	9.080	0.000	172389 1000.00	1000	139.00- 208.49	173.74
9.183	9.183	0.000	134505 1000.00	1000	108.45- 162.67	135.56
9.587	9.587	0.000	127920 1000.00	1000	103.14- 154.71	128.93
9.627	9.627	0.000	238291 1000.00	1000	192.13- 288.20	240.16
9.880	9.880	0.000	91725 1000.00	1000	73.96- 110.94	92.45
10.007	10.007	0.000	76360 1000.00	1000	61.57- 92.35	76.96
Average of Peak Amounts =			1e+03			

Data File: xf125059.d

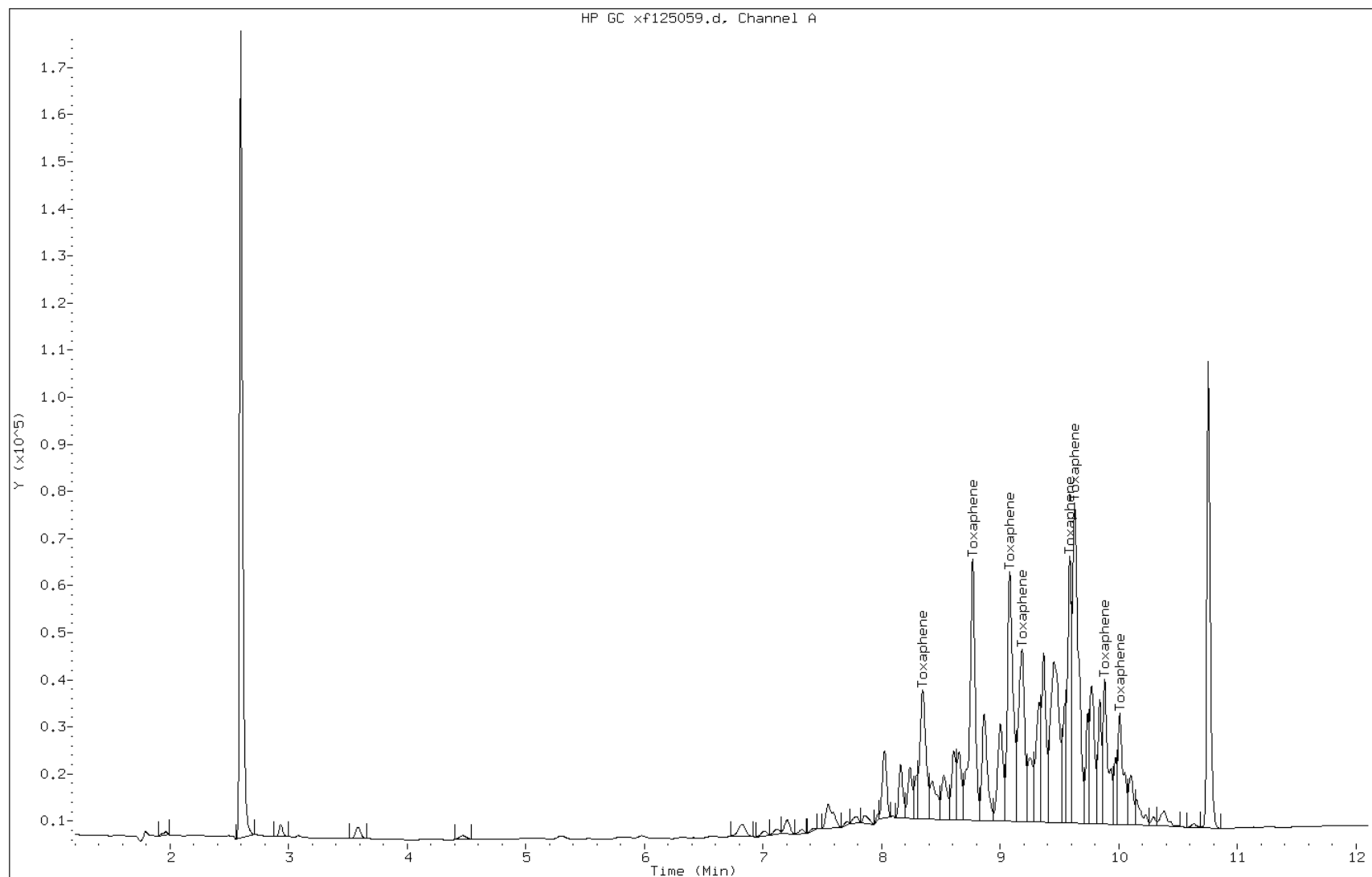
Date: 05-OCT-2011 09:25

Client ID:

Instrument: PESTGC1.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.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xrl25059.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.817										6.747 - 6.887	6.817
Toxaphene Peak 2	6.937										6.867 - 7.007	6.937
Toxaphene Peak 3	7.410										7.340 - 7.480	7.410
Toxaphene Peak 4	7.607										7.537 - 7.677	7.607
Toxaphene Peak 5	7.830										7.760 - 7.900	7.830
Toxaphene Peak 6	7.907										7.837 - 7.977	7.907
Toxaphene Peak 7	8.233										8.163 - 8.303	8.233
Toxaphene Peak 8	8.410										8.340 - 8.480	8.410

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xr125059.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	258.08				Ave		258.083000						20.0			
Toxaphene Peak 2	241.93				Ave		241.927000						20.0			
Toxaphene Peak 3	424.93				Ave		424.926000						20.0			
Toxaphene Peak 4	345.78				Ave		345.778000						20.0			
Toxaphene Peak 5	260.82				Ave		260.816000						20.0			
Toxaphene Peak 6	509.84				Ave		509.838000						20.0			
Toxaphene Peak 7	204.03				Ave		204.025000						20.0			
Toxaphene Peak 8	125.38				Ave		125.379000						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.: 460-32128-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xr125059.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	258083					1000				
Toxaphene Peak 2	Ave	241927					1000				
Toxaphene Peak 3	Ave	424926					1000				
Toxaphene Peak 4	Ave	345778					1000				
Toxaphene Peak 5	Ave	260816					1000				
Toxaphene Peak 6	Ave	509838					1000				
Toxaphene Peak 7	Ave	204025					1000				
Toxaphene Peak 8	Ave	125379					1000				

Curve Type Legend:

Ave = Average

Data File: xr125059.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125059.d
Lab Smp Id: SGT0XL3_00010
Inj Date : 05-OCT-2011 09:25
Operator :
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.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						
6.817	6.817	0.000	258083 1000.00	1000	80.00- 120.00			100.00	
6.937	6.937	0.000	241927 1000.00	1000	74.99- 112.49			93.74	
7.410	7.410	0.000	424926 1000.00	1000	131.72- 197.58			164.65	
7.607	7.607	0.000	345778 1000.00	1000	107.18- 160.78			133.98	
7.830	7.830	0.000	260816 1000.00	1000	80.85- 121.27			101.06	
7.907	7.907	0.000	509838 1000.00	1000	158.04- 237.06			197.55	
8.233	8.233	0.000	204025 1000.00	1000	63.24- 94.86			79.05	
8.410	8.410	0.000	125379 1000.00	1000	38.86- 58.30			48.58	
Average of Peak Amounts =			1e+03						

Data File: xr125059.d

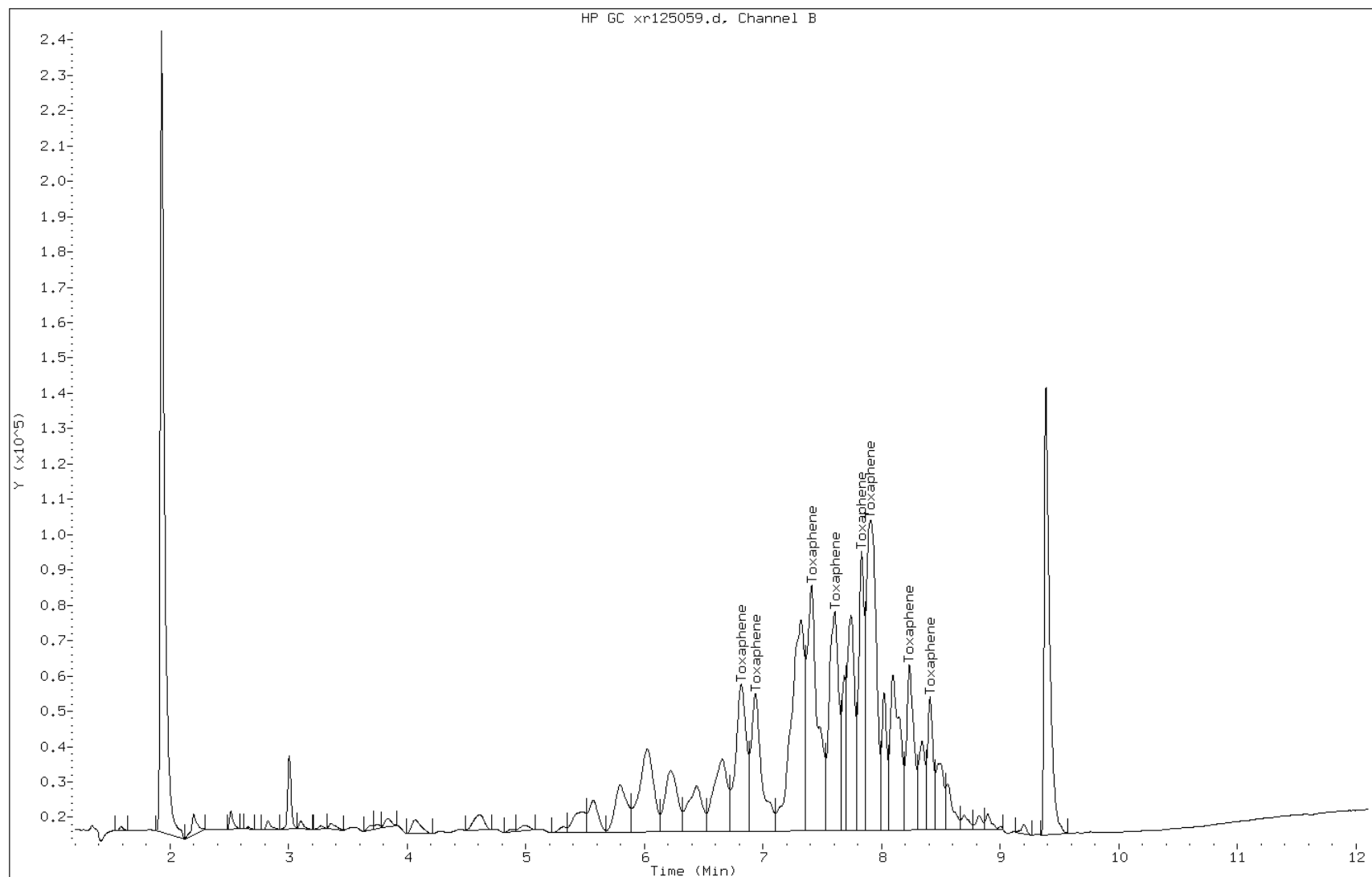
Date: 05-OCT-2011 09:25

Client ID:

Instrument: PESTGC1.i

Sample Info: SGT0XL3_00010

Operator:



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID (2): RESC 460-89301/3 Instrument ID (2): PESTGC1
GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 10/12/2011 06:57

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.59	100
gamma-Chlordane	7.46	100
Endosulfan I	7.73	100
4,4'-DDE	7.82	100
Dieldrin	8.05	100
Endosulfan sulfate	9.36	100
Methoxychlor	9.57	100
Endrin ketone	9.80	100
DCB Decachlorobiphenyl	10.75	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID (1): RESC 460-89301/3 Instrument ID (1): PESTGC1
GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 10/12/2011 06:57

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	1.92	100
gamma-Chlordane	4.30	100
4,4'-DDE	4.82	60
Endosulfan I	4.93	100
Dieldrin	5.52	100
Methoxychlor	7.69	100
Endosulfan sulfate	7.93	100
Endrin ketone	8.24	100
DCB Decachlorobiphenyl	9.38	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID (2): RESC 460-89324/3 Instrument ID (2): PESTGC1
GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 10/13/2011 06:10

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.59	100
gamma-Chlordane	7.46	100
Endosulfan I	7.73	100
4,4'-DDE	7.82	100
Dieldrin	8.05	100
Endosulfan sulfate	9.37	100
Methoxychlor	9.57	100
Endrin ketone	9.80	100
DCB Decachlorobiphenyl	10.75	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID (1): RESC 460-89324/3 Instrument ID (1): PESTGC1
GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 10/13/2011 06:10

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	1.93	100
gamma-Chlordane	4.30	100
4,4'-DDE	4.83	64.4
Endosulfan I	4.93	100
Dieldrin	5.53	100
Methoxychlor	7.69	100
Endosulfan sulfate	7.93	100
Endrin ketone	8.24	100
DCB Decachlorobiphenyl	9.38	100

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: PEM 460-89301/4 Calibration Date: 10/12/2011 07:11
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xf125354.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.41	584938	3.43	15	
Endrin aldehyde	9.06	6063			
Endrin ketone	9.80	14696			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.88	539359	3.41	15	
4,4'-DDD	0.00	0			
4,4'-DDE	7.82	19058			

Data File: xf125354.d
Report Date: 13-Oct-2011 06:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125354.d
Lab Smp Id: SGDDT/EI_00015
Inj Date : 12-OCT-2011 07:11
Operator :
Smp Info : SGDDT/EI_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 12-Oct-2011 13:03 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Compound Sublist: END_DDT.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	
==	=====	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE					CAS #: 72-55-9				
7.820	7.820	0.000	19058	6.15986	4.1	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
8.880	8.883	-0.003	539359	212.217	140	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
8.413	8.413	0.000	584938	218.901	140	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
9.063	9.063	0.000	6063	2.68540	1.8	80.00-	120.00	100.00(a)	

16 Endrin ketone					CAS #: 53494-70-5				
9.800	9.800	0.000	14696	5.93826	4.0	80.00-	120.00	100.00(a)	

Data File: xf125354.d
Report Date: 13-Oct-2011 06:15

QC Flag Legend

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

Data File: xf125354.d

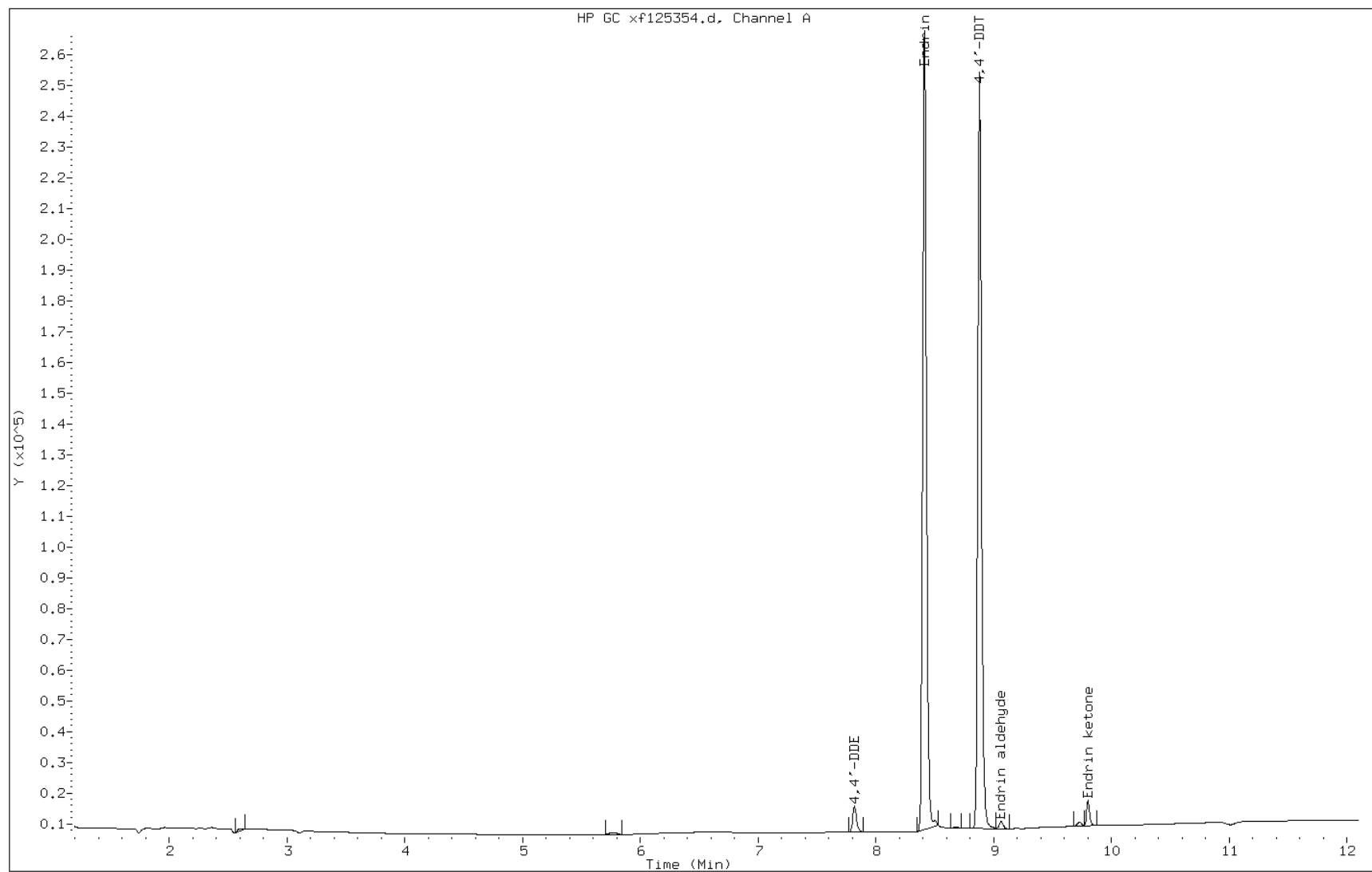
Date: 12-OCT-2011 07:11

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: PEM 460-89301/4 Calibration Date: 10/12/2011 07:11
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xr125354.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.11	1338957	2.94	15	
Endrin aldehyde	7.43	10912			
Endrin ketone	8.24	29689			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.96	1312286	3.72	15	
4,4'-DDD	6.31	10337			
4,4'-DDE	4.82	40382			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125354.d
Lab Smp Id: SGDDT/EI_00015
Inj Date : 12-OCT-2011 07:11
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.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	
==	=====	=====	=====	=====	=====	=====	=====	=====	
7 4,4'-DDD					CAS #: 72-54-8				
6.313	6.313	0.000	10337	1.94290	1.3	80.00-	120.00	100.00(a)	

8 4,4'-DDE					CAS #: 72-55-9				
4.820	4.823	-0.003	40382	6.48757	4.3	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
6.960	6.963	-0.003	1312286	233.663	160	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
6.113	6.117	-0.004	1338957	230.862	150	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
7.427	7.427	0.000	10912	2.37036	1.6	80.00-	120.00	100.00(a)	

CONCENTRATIONS						
			ON-COL		FINAL	
RT	EXP RT	DLT RT	RESPONSE (ug/L)		(ug/kg)	TARGET RANGE RATIO
==	=====	=====	=====	=====	=====	=====
16 Endrin ketone			CAS #: 53494-70-5			
8.243	8.243	0.000	29689	5.51654	3.7	80.00- 120.00 100.00(a)

QC Flag Legend

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

Data File: xr125354.d

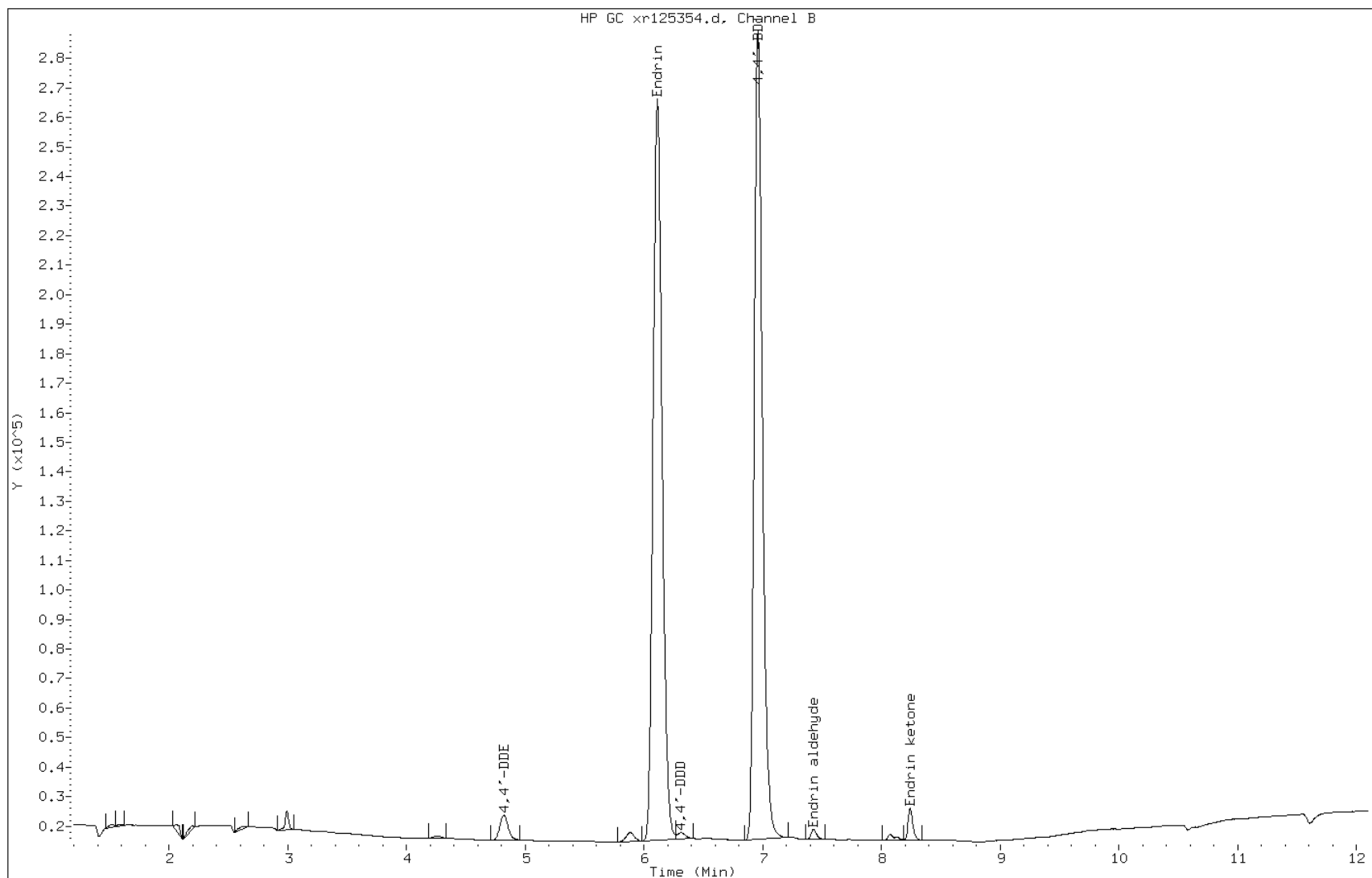
Date: 12-OCT-2011 07:11

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: PEM 460-89324/15 Calibration Date: 10/13/2011 09:10
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xf125391.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.41	530264	11.71	15	
Endrin aldehyde	9.07	31153			
Endrin ketone	9.80	39181			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.88	547812	6.61	15	
4,4'-DDD	8.50	18279			
4,4'-DDE	7.82	20485			

Data File: xf125391.d
 Report Date: 14-Oct-2011 06:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125391.d
 Lab Smp Id: SGDDT/EI_00015
 Inj Date : 13-OCT-2011 09:10
 Operator : Inst ID: PESTGC1.i
 Smp Info : SGDDT/EI_00015
 Misc Info :
 Comment :
 Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
 Meth Date : 14-Oct-2011 06:22 ferdie Quant Type: ESTD
 Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: END_DDT.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
7 4,4'-DDD					CAS #: 72-54-8				
8.503	8.503	0.000	18279	6.89332	4.6	80.00-	120.00	100.00(a)	

8 4,4'-DDE					CAS #: 72-55-9				
7.823	7.823	0.000	20485	6.62109	4.4	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
8.883	8.883	0.000	547812	215.543	140	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
8.413	8.417	-0.004	530264	198.440	130	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
9.067	9.067	0.000	31153	13.7982	9.2	80.00-	120.00	100.00	

Data File: xf125391.d
Report Date: 14-Oct-2011 06:24

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	=====
16 Endrin ketone				CAS #: 53494-70-5					
9.803	9.803	0.000		39181	15.8320	10	80.00- 120.00	100.00	

QC Flag Legend

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

Data File: xf125391.d

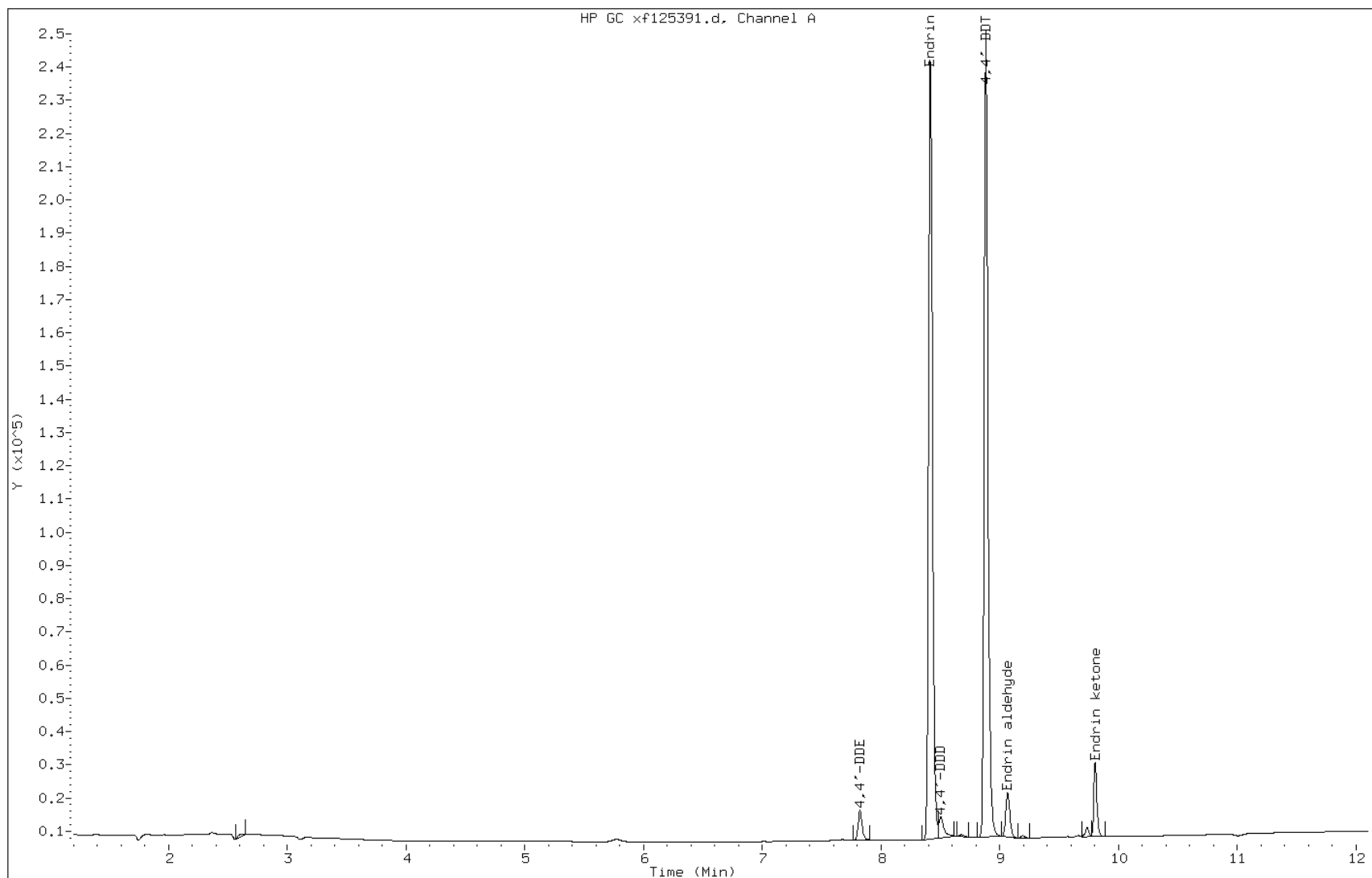
Date: 13-OCT-2011 09:10

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: PEM 460-89324/15 Calibration Date: 10/13/2011 09:10
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xr125391.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.12	1195245	9.75	15	
Endrin aldehyde	7.43	59666			
Endrin ketone	8.24	69435			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.96	1230443	4.92	15	
4,4'-DDD	6.32	21895			
4,4'-DDE	4.82	41780			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125391.d
Lab Smp Id: SGDDT/EI_00015
Inj Date : 13-OCT-2011 09:10
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.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	
==	=====	=====	=====	=====	=====	=====	=====	=====	
7 4,4'-DDD					CAS #: 72-54-8				
6.317	6.317	0.000	21895	4.11528	2.7	80.00-	120.00	100.00	(a)

8 4,4'-DDE					CAS #: 72-55-9				
4.823	4.823	0.000	41780	6.71217	4.5	80.00-	120.00	100.00	(a)

9 4,4'-DDT					CAS #: 50-29-3				
6.963	6.963	0.000	1230443	219.090	150	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
6.117	6.117	0.000	1195245	206.083	140	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
7.430	7.430	0.000	59666	12.9609	8.6	80.00-	120.00	100.00	

CONCENTRATIONS						
			ON-COL		FINAL	
RT	EXP RT	DLT RT	RESPONSE (ug/L)		(ug/kg)	TARGET RANGE RATIO
==	=====	=====	=====	=====	=====	=====
16 Endrin ketone			CAS #: 53494-70-5			
8.243	8.243	0.000	69435	12.9018	8.6	80.00- 120.00 100.00

QC Flag Legend

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

Data File: xr125391.d

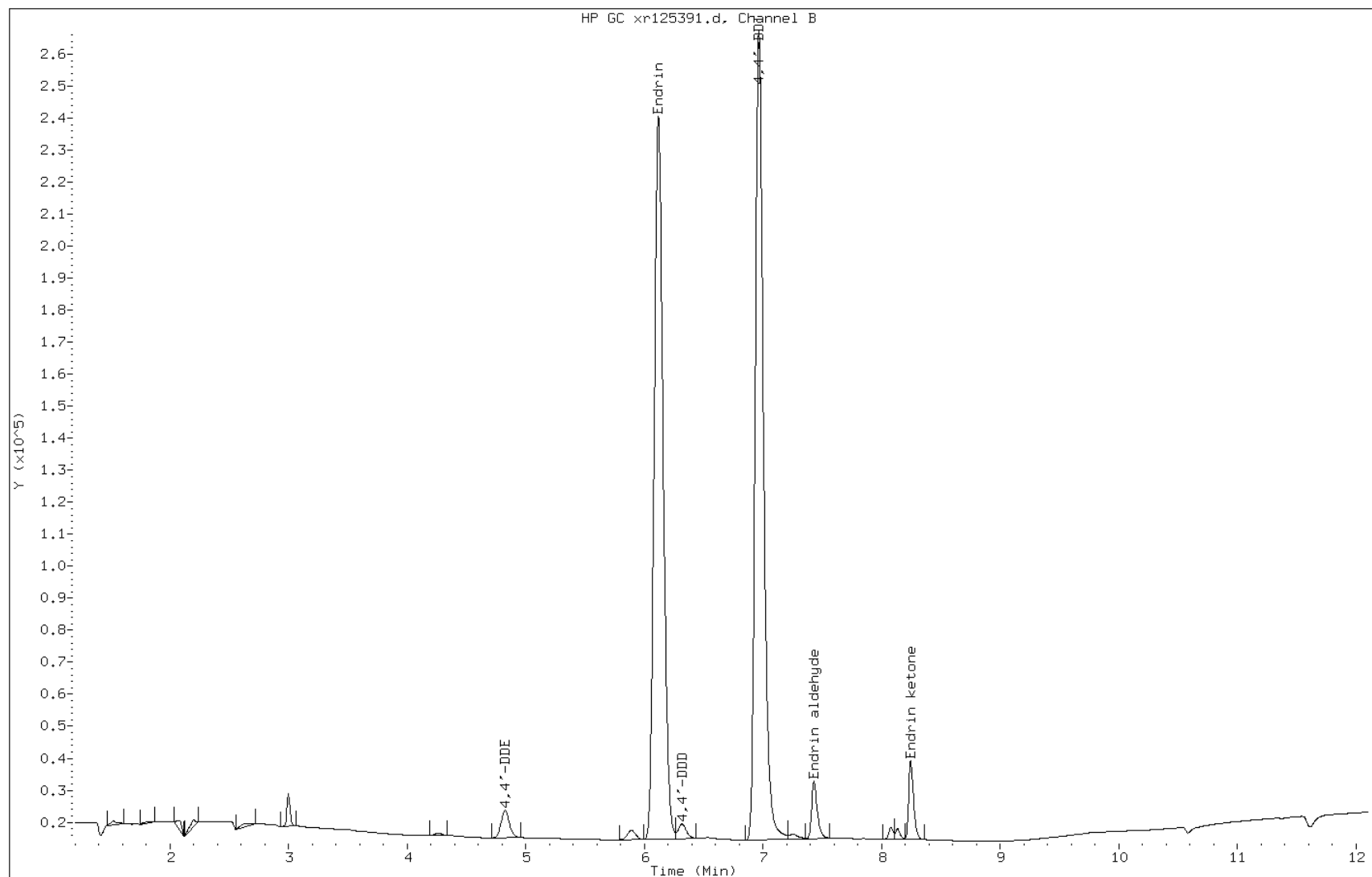
Date: 13-OCT-2011 09:10

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89301/5 Calibration Date: 10/12/2011 07:24
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125355.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	4068		96.1	100	-3.9	15.0
gamma-BHC (Lindane)	Ave	4268	4102		96.1	100	-3.9	15.0
beta-BHC	Ave	2116	1970		93.1	100	-6.9	15.0
delta-BHC	Ave	4326	4104		94.9	100	-5.1	15.0
Heptachlor	Ave	4315	3880		89.9	100	-10.1	15.0
Aldrin	Ave	4300	4179		97.2	100	-2.8	15.0
Heptachlor epoxide	Ave	3772	3587		95.1	100	-4.9	15.0
gamma-Chlordane	Ave	3598	3387		94.1	100	-5.9	15.0
alpha-Chlordane	Ave	3265	3028		92.7	100	-7.3	15.0
Endosulfan I	Ave	3123	2928		93.8	100	-6.2	15.0
4,4'-DDE	Ave	3094	2963		95.8	100	-4.2	15.0
Dieldrin	Ave	3248	3088		95.1	100	-4.9	15.0
Endrin	Ave	2672	2583		96.6	100	-3.4	15.0
4,4'-DDD	Ave	2652	2403		90.6	100	-9.4	15.0
Endosulfan II	Ave	2821	2651		94.0	100	-6.0	15.0
4,4'-DDT	Ave	2542	2319		91.3	100	-8.7	15.0
Endrin aldehyde	Ave	2258	2077		92.0	100	-8.0	15.0
Endosulfan sulfate	Ave	2291	2107		92.0	100	-8.0	15.0
Methoxychlor	Ave	1237	1107		89.5	100	-10.5	15.0
Endrin ketone	Ave	2475	2200		88.9	100	-11.1	15.0
Tetrachloro-m-xylene	Ave	3083	2749		89.2	100	-10.8	15.0
DCB Decachlorobiphenyl	Ave	2069	1919		92.7	100	-7.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89301/5 Calibration Date: 10/12/2011 07:24
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125355.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.67	3.62	3.72
beta-BHC	3.83	3.78	3.88
delta-BHC	4.60	4.55	4.65
Heptachlor	4.81	4.76	4.86
Aldrin	5.72	5.67	5.77
Heptachlor epoxide	7.15	7.08	7.22
gamma-Chlordane	7.45	7.38	7.52
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.82	7.75	7.89
Dieldrin	8.05	7.98	8.12
Endrin	8.41	8.34	8.48
4,4'-DDD	8.50	8.43	8.57
Endosulfan II	8.66	8.59	8.73
4,4'-DDT	8.88	8.81	8.95
Endrin aldehyde	9.06	8.99	9.13
Endosulfan sulfate	9.36	9.29	9.43
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.80	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125355.d
Report Date: 13-Oct-2011 06:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125355.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 12-OCT-2011 07:24
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:15 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.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			
2.590	2.590	0.000	274919	100.000	89	80.00- 120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6			
3.177	3.177	0.000	406766	100.000	96	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.673	3.673	0.000	410197	100.000	96	80.00- 120.00	100.00	

3 beta-BHC					CAS #: 319-85-7			
3.827	3.827	0.000	197033	100.000	93	80.00- 120.00	100.00	

4 delta-BHC					CAS #: 319-86-8			
4.603	4.603	0.000	410425	100.000	95	80.00- 120.00	100.00	

Data File: xf125355.d
Report Date: 13-Oct-2011 06:15

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.810	4.810	0.000	388002	100.000	90	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.717	5.717	0.000	417876	100.000	97	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.147	7.147	0.000	358703	100.000	95	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.453	7.453	0.000	338738	100.000	94	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.647	7.647	0.000	302834	100.000	93	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.727	7.727	0.000	292779	100.000	94	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.820	7.820	0.000	296260	100.000	96	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.047	8.047	0.000	308752	100.000	95	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.413	8.413	0.000	258264	100.000	97	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.500	8.500	0.000	240305	100.000	91	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.663	8.663	0.000	265096	100.000	94	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.883	8.883	0.000	231921	100.000	91	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.063	9.063	0.000	207651	100.000	92	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.363	9.363	0.000	210729	100.000	92	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.570	9.570	0.000	110740	100.000	89	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.800	9.800	0.000	220015	100.000	89	80.00-	120.00	100.00

Data File: xf125355.d
Report Date: 13-Oct-2011 06:15

				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									
10.750	10.750	0.000	191859	100.000	93	80.00-	120.00	100.00	

Data File: xf125355.d

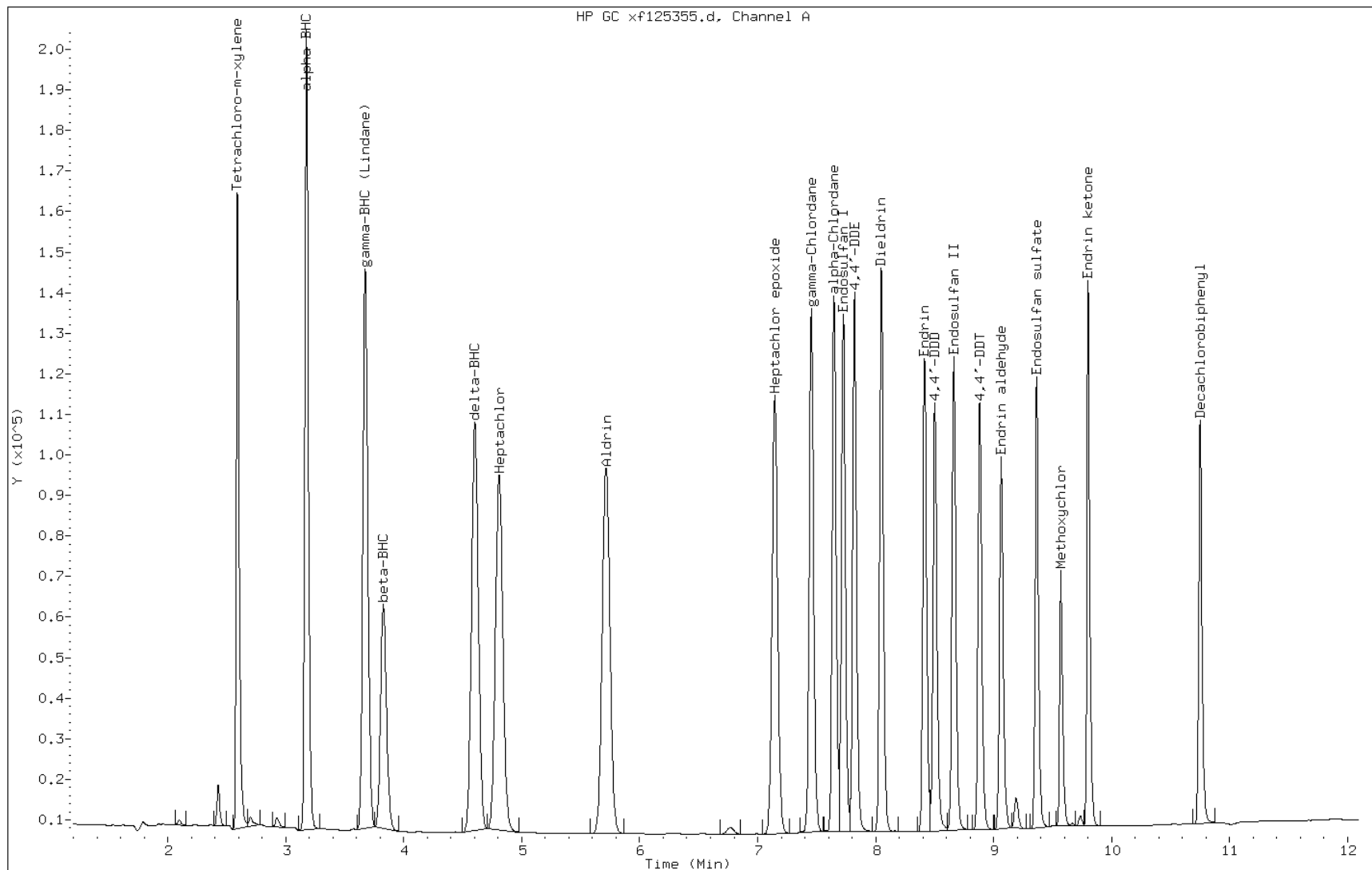
Date: 12-OCT-2011 07:24

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89301/5 Calibration Date: 10/12/2011 07:24
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125355.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	7842		100	100	0.0	15.0
gamma-BHC (Lindane)	Ave	6515	6013		92.3	100	-7.7	15.0
beta-BHC	Ave	3723	3782		102	100	1.6	15.0
delta-BHC	Ave	6959	6852		98.5	100	-1.5	15.0
Heptachlor	Ave	7103	7149		101	100	0.6	15.0
Aldrin	Ave	6762	6859		101	100	1.4	15.0
Heptachlor epoxide	Ave	7033	7045		100	100	0.2	15.0
gamma-Chlordane	Ave	7201	7094		98.5	100	-1.5	15.0
alpha-Chlordane	Ave	6937	6921		99.8	100	-0.2	15.0
4,4'-DDE	Ave	6225	6155		98.9	100	-1.1	15.0
Endosulfan I	Ave	6749	6897		102	100	2.2	15.0
Dieldrin	Ave	6734	6747		100	100	0.2	15.0
Endrin	Ave	5800	5958		103	100	2.7	15.0
4,4'-DDD	Ave	5320	5251		98.7	100	-1.3	15.0
Endosulfan II	Ave	5972	5904		98.9	100	-1.1	15.0
4,4'-DDT	Ave	5616	5630		100	100	0.2	15.0
Endrin aldehyde	Ave	4604	4385		95.3	100	-4.7	15.0
Methoxychlor	Ave	2853	2786		97.6	100	-2.4	15.0
Endosulfan sulfate	Ave	4679	4323		92.4	100	-7.6	15.0
Endrin ketone	Ave	5382	4949		92.0	100	-8.0	15.0
Tetrachloro-m-xylene	Ave	5854	5534		94.5	100	-5.5	15.0
DCB Decachlorobiphenyl	Ave	4491	4488		99.9	100	-0.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89301/5 Calibration Date: 10/12/2011 07:24
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125355.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.48	2.58
beta-BHC	2.60	2.54	2.64
delta-BHC	2.72	2.67	2.77
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.10	3.20
Heptachlor epoxide	4.01	3.94	4.08
gamma-Chlordane	4.31	4.23	4.37
alpha-Chlordane	4.62	4.54	4.68
4,4'-DDE	4.83	4.75	4.89
Endosulfan I	4.93	4.86	5.00
Dieldrin	5.53	5.45	5.59
Endrin	6.12	6.05	6.19
4,4'-DDD	6.32	6.24	6.38
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.96	6.89	7.03
Endrin aldehyde	7.43	7.36	7.50
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.93	7.86	8.00
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	1.92	1.87	1.97
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125355.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 12-OCT-2011 07:24
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.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		
1.923	1.923	0.000	553369	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.310	2.310	0.000	784234	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.533	2.533	0.000	601256	100.000	92	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
2.597	2.593	0.004	378232	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
2.723	2.723	0.000	685221	100.000	98	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								
2.890	2.890	0.000	714942	100.000	100	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.157	3.153	0.004	685919	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.013	4.010	0.003	704535	100.000	100	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.307	4.303	0.004	709394	100.000	98	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.617	4.613	0.004	692088	100.000	100	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.827	4.823	0.004	615502	100.000	99	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.933	4.930	0.003	689729	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.530	5.523	0.007	674687	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.120	6.117	0.003	595782	100.000	100	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.317	6.313	0.004	525057	100.000	99	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.653	6.650	0.003	590443	100.000	99	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.963	6.963	0.000	562983	100.000	100	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.430	7.427	0.003	438536	100.000	95	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.690	7.687	0.003	278607	100.000	98	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.933	7.930	0.003	432312	100.000	92	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.243	8.243	0.000	494901	100.000	92	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: xr125355.d
Report Date: 13-Oct-2011 06:15

Page 3

		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						
9.377	9.377	0.000	448794	100.000	100	80.00- 120.00	100.00				

Data File: xr125355.d

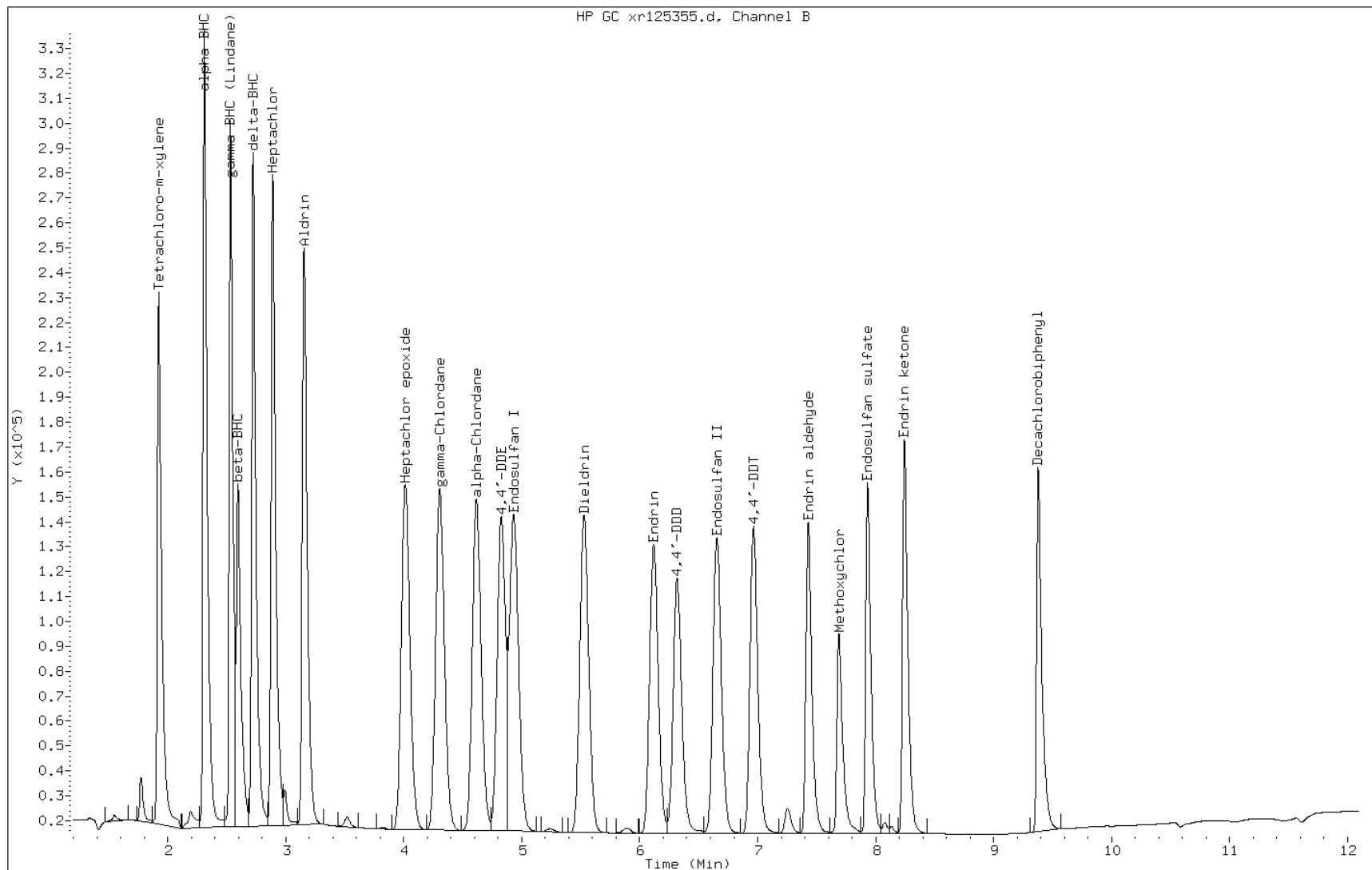
Date: 12-OCT-2011 07:24

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89301/25 Calibration Date: 10/12/2011 12:05
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125375.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Aldrin	Ave	4300	0.0000		0.0500	100	-100.0*	15.0
alpha-BHC	Ave	4233	0.0000		0.0500	100	-100.0*	15.0
alpha-Chlordane	Ave	3265	0.0000		0.0500	100	-100.0*	15.0
beta-BHC	Ave	2116	0.0000		0.0500	100	-100.0*	15.0
delta-BHC	Ave	4326	0.0000		0.0500	100	-100.0*	15.0
Dieldrin	Ave	3248	0.0000		0.0500	100	-100.0*	15.0
Endosulfan I	Ave	3123	0.0000		0.0500	100	-100.0*	15.0
Endosulfan II	Ave	2821	0.0000		0.0500	100	-100.0*	15.0
Endosulfan sulfate	Ave	2291	0.0000		0.0500	100	-100.0*	15.0
gamma-BHC (Lindane)	Ave	4268	0.0000		0.0500	100	-100.0*	15.0
gamma-Chlordane	Ave	3598	0.0000		0.0500	100	-100.0*	15.0
Heptachlor	Ave	4315	0.0000		0.0500	100	-100.0*	15.0
Heptachlor epoxide	Ave	3772	0.0000		0.0500	100	-100.0*	15.0
Methoxychlor	Ave	1237	0.0000		0.0500	100	-100.0*	15.0
4,4'-DDE	Ave	3094	2978		96.2	100	-3.8	15.0
Endrin	Ave	2672	2492		93.3	100	-6.7	15.0
4,4'-DDD	Ave	2652	2528		95.3	100	-4.7	15.0
4,4'-DDT	Ave	2542	2237		88.0	100	-12.0	15.0
Endrin aldehyde	Ave	2258	2126		94.2	100	-5.8	15.0
Endrin ketone	Ave	2475	2332		94.2	100	-5.8	15.0
DCB Decachlorobiphenyl	Ave	2069	0.0000		0.00000 0	100	-100.0*	15.0
Tetrachloro-m-xylene	Ave	3083	0.0000		0.00000 0	100	-100.0*	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89301/25 Calibration Date: 10/12/2011 12:05
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125375.d

Analyte	RT	RT WINDOW	
		TO	FROM
Aldrin	0.00	5.67	5.77
alpha-BHC	0.00	3.13	3.23
alpha-Chlordane	0.00	7.58	7.72
beta-BHC	0.00	3.78	3.88
delta-BHC	0.00	4.55	4.65
Dieldrin	0.00	7.98	8.12
Endosulfan I	0.00	7.66	7.80
Endosulfan II	0.00	8.59	8.73
Endosulfan sulfate	0.00	9.29	9.43
gamma-BHC (Lindane)	0.00	3.62	3.72
gamma-Chlordane	0.00	7.38	7.52
Heptachlor	0.00	4.76	4.86
Heptachlor epoxide	0.00	7.08	7.22
Methoxychlor	0.00	9.50	9.64
4,4'-DDE	7.82	7.75	7.89
Endrin	8.41	8.34	8.48
4,4'-DDD	8.50	8.43	8.57
4,4'-DDT	8.88	8.81	8.95
Endrin aldehyde	9.06	8.99	9.13
Endrin ketone	9.80	9.73	9.87
DCB Decachlorobiphenyl	0.00	10.65	10.85
Tetrachloro-m-xylene	0.00	2.54	2.64

Data File: xf125375.d
Report Date: 13-Oct-2011 06:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125375.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 12-OCT-2011 12:05
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.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
==	=====	=====	=====	=====	=====	=====	=====	=====
8 4,4'-DDE					CAS #: 72-55-9			
7.820	7.820	0.000	297765	100.000	96	80.00-	120.00	100.00

14 Endrin					CAS #: 72-20-8			
8.413	8.413	0.000	249197	100.000	93	80.00-	120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8			
8.500	8.500	0.000	252821	100.000	95	80.00-	120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3			
8.880	8.880	0.000	223733	100.000	88	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4			
9.063	9.063	0.000	212618	100.000	94	80.00-	120.00	100.00

Data File: xf125375.d
 Report Date: 13-Oct-2011 06:16

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO
			RESPONSE (ug/L)	(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
16 Endrin ketone			CAS #: 53494-70-5				
9.800	9.800	0.000	233174	100.000	94	80.00- 120.00	100.00

Data File: xf125375.d

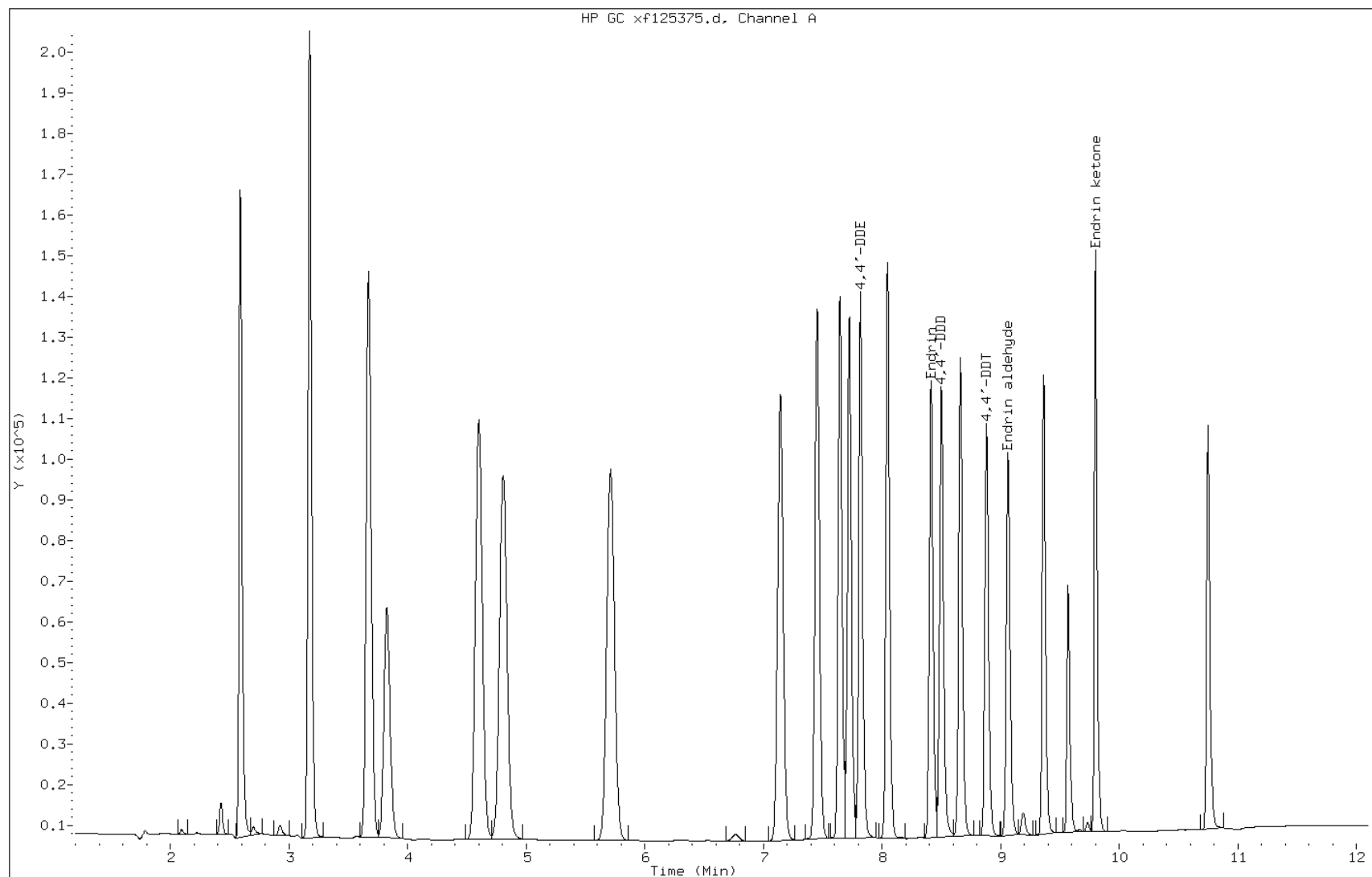
Date: 12-OCT-2011 12:05

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89301/25 Calibration Date: 10/12/2011 12:05
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125375.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	7898		101	100	0.7	15.0
gamma-BHC (Lindane)	Ave	6515	6169		94.7	100	-5.3	15.0
beta-BHC	Ave	3723	3792		102	100	1.9	15.0
delta-BHC	Ave	6959	7004		101	100	0.7	15.0
Heptachlor	Ave	7103	7131		100	100	0.4	15.0
Aldrin	Ave	6762	6986		103	100	3.3	15.0
Heptachlor epoxide	Ave	7033	7084		101	100	0.7	15.0
gamma-Chlordane	Ave	7201	7129		99.0	100	-1.0	15.0
alpha-Chlordane	Ave	6937	6908		99.6	100	-0.4	15.0
4,4'-DDE	Ave	6225	6178		99.3	100	-0.7	15.0
Endosulfan I	Ave	6749	6898		102	100	2.2	15.0
Dieldrin	Ave	6734	6754		100	100	0.3	15.0
Endrin	Ave	5800	5744		99.0	100	-1.0	15.0
4,4'-DDD	Ave	5320	5365		101	100	0.8	15.0
Endosulfan II	Ave	5972	5936		99.4	100	-0.6	15.0
4,4'-DDT	Ave	5616	5310		94.5	100	-5.5	15.0
Endrin aldehyde	Ave	4604	4492		97.6	100	-2.4	15.0
Methoxychlor	Ave	2853	2676		93.8	100	-6.2	15.0
Endosulfan sulfate	Ave	4679	4360		93.2	100	-6.8	15.0
Endrin ketone	Ave	5382	5266		97.9	100	-2.1	15.0
Tetrachloro-m-xylene	Ave	5854	5520		94.3	100	-5.7	15.0
DCB Decachlorobiphenyl	Ave	4491	4365		97.2	100	-2.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89301/25 Calibration Date: 10/12/2011 12:05
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125375.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.48	2.58
beta-BHC	2.59	2.54	2.64
delta-BHC	2.72	2.67	2.77
Heptachlor	2.89	2.84	2.94
Aldrin	3.15	3.10	3.20
Heptachlor epoxide	4.01	3.94	4.08
gamma-Chlordane	4.30	4.23	4.37
alpha-Chlordane	4.61	4.54	4.68
4,4'-DDE	4.82	4.75	4.89
Endosulfan I	4.93	4.86	5.00
Dieldrin	5.52	5.45	5.59
Endrin	6.12	6.05	6.19
4,4'-DDD	6.31	6.24	6.38
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.96	6.89	7.03
Endrin aldehyde	7.43	7.36	7.50
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.93	7.86	8.00
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	1.92	1.87	1.97
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125375.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 12-OCT-2011 12:05
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.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		
1.923	1.923	0.000	552007	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.310	2.310	0.000	789824	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.533	2.533	0.000	616939	100.000	95	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
2.593	2.593	0.000	379234	100.000	100	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
2.723	2.723	0.000	700446	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								
2.890	2.890	0.000	713116	100.000	100	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.153	3.153	0.000	698555	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.010	4.010	0.000	708379	100.000	100	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.303	4.303	0.000	712912	100.000	99	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.613	4.613	0.000	690830	100.000	100	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.823	4.823	0.000	617803	100.000	99	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.930	4.930	0.000	689793	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.523	5.523	0.000	675438	100.000	100	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.117	6.117	0.000	574391	100.000	99	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.313	6.313	0.000	536487	100.000	100	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.650	6.650	0.000	593623	100.000	99	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.963	6.963	0.000	530984	100.000	94	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.427	7.427	0.000	449180	100.000	98	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.687	7.687	0.000	267559	100.000	94	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.930	7.930	0.000	435969	100.000	93	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.243	8.243	0.000	526633	100.000	98	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: xr125375.d
Report Date: 13-Oct-2011 06:16

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		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				
9.377	9.377	0.000	436524	100.000	97	80.00-	120.00	100.00	

Data File: xr125375.d

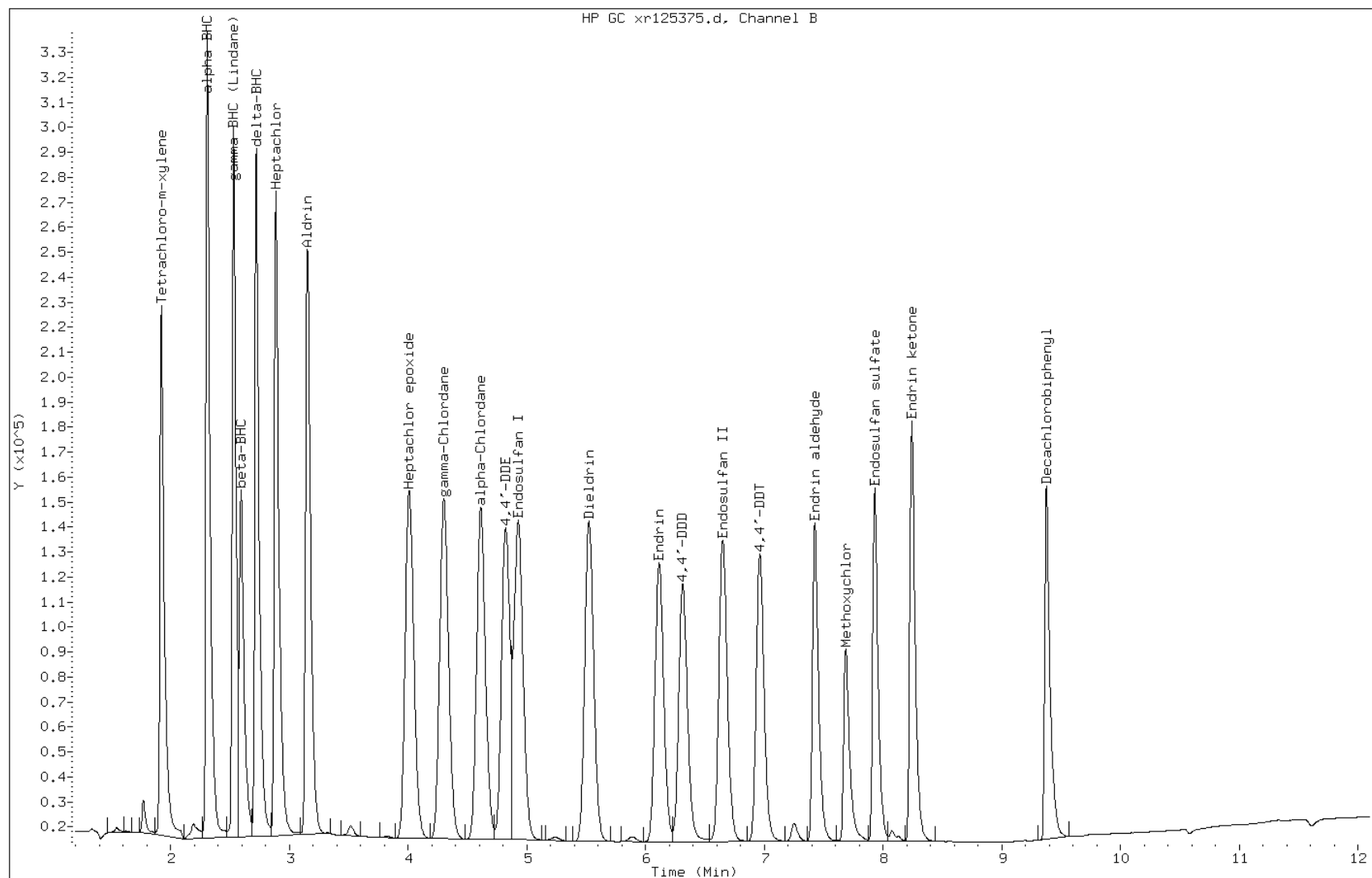
Date: 12-OCT-2011 12:05

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89324/5 Calibration Date: 10/13/2011 06:38
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125381.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	3924		92.7	100	-7.3	15.0
gamma-BHC (Lindane)	Ave	4268	3986		93.4	100	-6.6	15.0
beta-BHC	Ave	2116	1921		90.8	100	-9.2	15.0
delta-BHC	Ave	4326	3989		92.2	100	-7.8	15.0
Heptachlor	Ave	4315	3888		90.1	100	-9.9	15.0
Aldrin	Ave	4300	4048		94.2	100	-5.8	15.0
Heptachlor epoxide	Ave	3772	3461		91.7	100	-8.3	15.0
gamma-Chlordane	Ave	3598	3251		90.3	100	-9.7	15.0
alpha-Chlordane	Ave	3265	2922		89.5	100	-10.5	15.0
Endosulfan I	Ave	3123	2804		89.8	100	-10.2	15.0
4,4'-DDE	Ave	3094	2850		92.1	100	-7.9	15.0
Dieldrin	Ave	3248	2968		91.4	100	-8.6	15.0
Endrin	Ave	2672	2316		86.7	100	-13.3	15.0
4,4'-DDD	Ave	2652	2366		89.2	100	-10.8	15.0
Endosulfan II	Ave	2821	2559		90.7	100	-9.3	15.0
4,4'-DDT	Ave	2542	2282		89.8	100	-10.2	15.0
Endrin aldehyde	Ave	2258	2055		91.0	100	-9.0	15.0
Endosulfan sulfate	Ave	2291	1967		85.9	100	-14.1	15.0
Methoxychlor	Ave	1237	1063		85.9	100	-14.1	15.0
Endrin ketone	Ave	2475	2138		86.4	100	-13.6	15.0
Tetrachloro-m-xylene	Ave	3083	2634		85.4	100	-14.6	15.0
DCB Decachlorobiphenyl	Ave	2069	1854		89.6	100	-10.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89324/5 Calibration Date: 10/13/2011 06:38
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125381.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.68	3.62	3.72
beta-BHC	3.83	3.78	3.88
delta-BHC	4.61	4.55	4.65
Heptachlor	4.81	4.76	4.86
Aldrin	5.72	5.66	5.76
Heptachlor epoxide	7.15	7.07	7.21
gamma-Chlordane	7.46	7.38	7.52
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.82	7.75	7.89
Dieldrin	8.05	7.98	8.12
Endrin	8.42	8.34	8.48
4,4'-DDD	8.50	8.43	8.57
Endosulfan II	8.66	8.59	8.73
4,4'-DDT	8.88	8.81	8.95
Endrin aldehyde	9.06	8.99	9.13
Endosulfan sulfate	9.36	9.29	9.43
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.80	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125381.d
Report Date: 13-Oct-2011 09:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125381.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 13-OCT-2011 06:38
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 09:32 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.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			
2.593	2.593	0.000	263443	100.000	85	80.00- 120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6			
3.180	3.180	0.000	392439	100.000	93	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.677	3.677	0.000	398578	100.000	93	80.00- 120.00	100.00	

3 beta-BHC					CAS #: 319-85-7			
3.830	3.830	0.000	192144	100.000	91	80.00- 120.00	100.00	

4 delta-BHC					CAS #: 319-86-8			
4.607	4.607	0.000	398882	100.000	92	80.00- 120.00	100.00	

Data File: xf125381.d
Report Date: 13-Oct-2011 09:32

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.813	4.813	0.000	388812	100.000	90	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.717	5.717	0.000	404817	100.000	94	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.150	7.150	0.000	346080	100.000	92	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.457	7.457	0.000	325120	100.000	90	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.650	7.650	0.000	292150	100.000	89	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.727	7.727	0.000	280425	100.000	90	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.820	7.820	0.000	285021	100.000	92	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.050	8.050	0.000	296796	100.000	91	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.417	8.417	0.000	231644	100.000	87	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.503	8.503	0.000	236555	100.000	89	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.663	8.663	0.000	255940	100.000	91	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.883	8.883	0.000	228152	100.000	90	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.063	9.063	0.000	205464	100.000	91	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.363	9.363	0.000	196749	100.000	86	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.570	9.570	0.000	106342	100.000	86	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.800	9.800	0.000	213822	100.000	86	80.00-	120.00	100.00

Data File: xf125381.d
Report Date: 13-Oct-2011 09:32

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.750	10.750	0.000	185428	100.000	90	80.00-	120.00	100.00	

Data File: xf125381.d

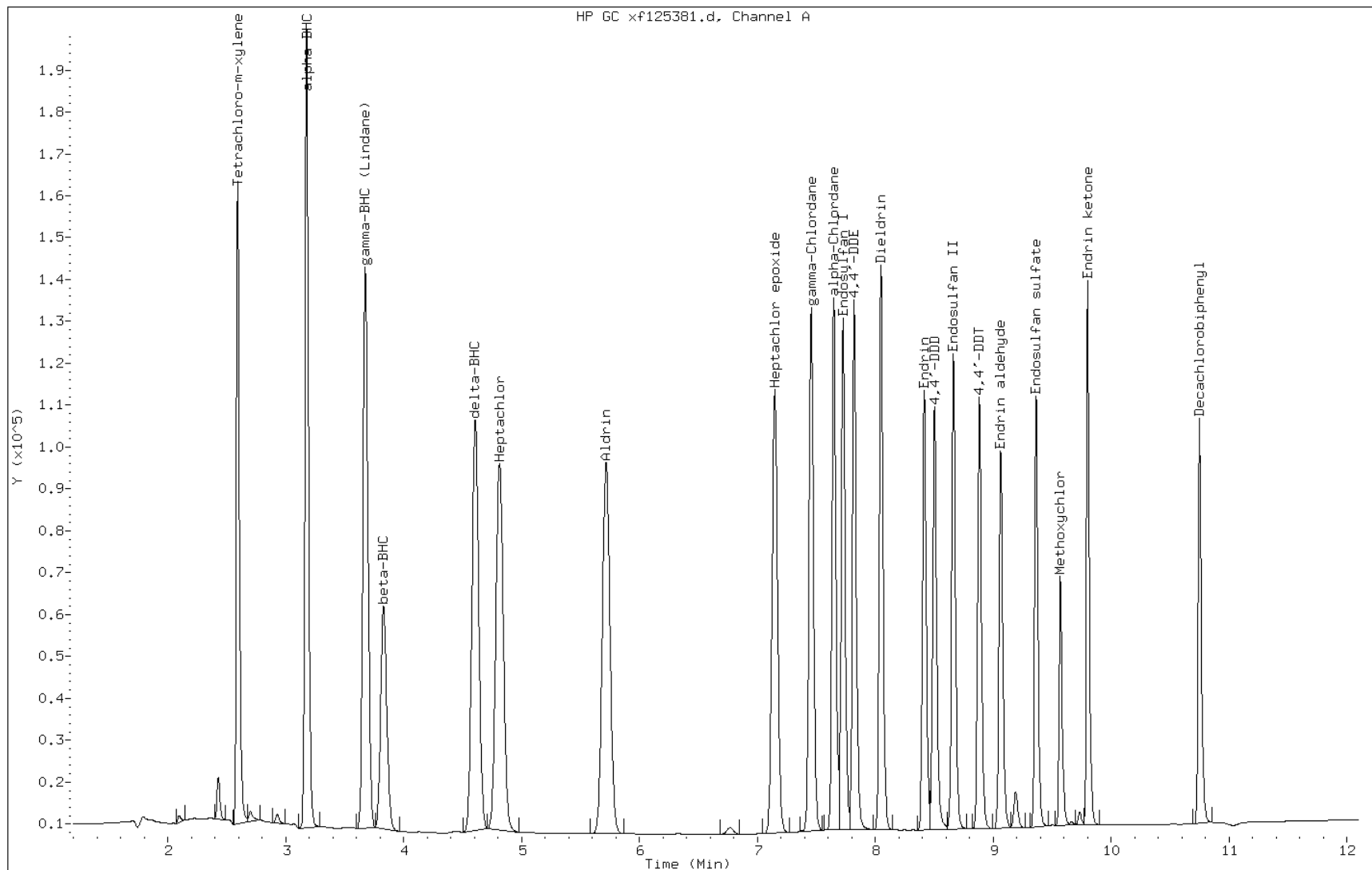
Date: 13-OCT-2011 06:38

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89324/5 Calibration Date: 10/13/2011 06:38
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125381.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	7317		93.3	100	-6.7	15.0
gamma-BHC (Lindane)	Ave	6515	5661		86.9	100	-13.1	15.0
beta-BHC	Ave	3723	3402		91.4	100	-8.6	15.0
delta-BHC	Ave	6959	6371		91.5	100	-8.5	15.0
Heptachlor	Ave	7103	6763		95.2	100	-4.8	15.0
Aldrin	Ave	6762	6395		94.6	100	-5.4	15.0
Heptachlor epoxide	Ave	7033	6664		94.8	100	-5.2	15.0
gamma-Chlordane	Ave	7201	6630		92.1	100	-7.9	15.0
alpha-Chlordane	Ave	6937	6514		93.9	100	-6.1	15.0
4,4'-DDE	Ave	6225	5651		90.8	100	-9.2	15.0
Endosulfan I	Ave	6749	6529		96.7	100	-3.3	15.0
Dieldrin	Ave	6734	6286		93.3	100	-6.7	15.0
Endrin	Ave	5800	5276		91.0	100	-9.0	15.0
4,4'-DDD	Ave	5320	4815		90.5	100	-9.5	15.0
Endosulfan II	Ave	5972	5526		92.5	100	-7.5	15.0
4,4'-DDT	Ave	5616	5197		92.5	100	-7.5	15.0
Endrin aldehyde	Ave	4604	4244		92.2	100	-7.8	15.0
Methoxychlor	Ave	2853	2686		94.1	100	-5.9	15.0
Endosulfan sulfate	Ave	4679	3984		85.2	100	-14.8	15.0
Endrin ketone	Ave	5382	4729		87.9	100	-12.1	15.0
Tetrachloro-m-xylene	Ave	5854	5199		88.8	100	-11.2	15.0
DCB Decachlorobiphenyl	Ave	4491	4242		94.5	100	-5.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89324/5 Calibration Date: 10/13/2011 06:38
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125381.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.48	2.58
beta-BHC	2.60	2.55	2.65
delta-BHC	2.72	2.67	2.77
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.11	3.21
Heptachlor epoxide	4.02	3.94	4.08
gamma-Chlordane	4.31	4.23	4.37
alpha-Chlordane	4.62	4.55	4.69
4,4'-DDE	4.83	4.76	4.90
Endosulfan I	4.93	4.86	5.00
Dieldrin	5.53	5.46	5.60
Endrin	6.12	6.05	6.19
4,4'-DDD	6.32	6.25	6.39
Endosulfan II	6.66	6.58	6.72
4,4'-DDT	6.97	6.89	7.03
Endrin aldehyde	7.43	7.36	7.50
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.93	7.86	8.00
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125381.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 13-OCT-2011 06:38
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 13-Oct-2011 09:31 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.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								
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		
1.927	1.927	0.000	519871	100.000	89	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.313	2.313	0.000	731666	100.000	93	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.533	2.533	0.000	566060	100.000	87	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
2.597	2.597	0.000	340199	100.000	91	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
2.723	2.723	0.000	637063	100.000	92	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								
2.890	2.890	0.000	676290	100.000	95	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.157	3.157	0.000	639517	100.000	94	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.017	4.013	0.004	666411	100.000	95	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.307	4.303	0.004	662964	100.000	92	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.617	4.617	0.000	651439	100.000	94	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.827	4.827	0.000	565148	100.000	91	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.933	4.930	0.003	652943	100.000	97	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.530	5.527	0.003	628594	100.000	93	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.120	6.117	0.003	527558	100.000	91	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.317	6.317	0.000	481486	100.000	90	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.657	6.653	0.004	552628	100.000	92	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.967	6.963	0.004	519654	100.000	92	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.430	7.430	0.000	424376	100.000	92	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.687	7.687	0.000	268622	100.000	94	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.933	7.933	0.000	398426	100.000	85	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.243	8.243	0.000	472857	100.000	88	80.00-	120.00	100.00
CAS #: 53494-70-5								

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		RATIO
			RESPONSE (ug/L)	(ug/L)	TARGET RANGE		
==	=====	=====	=====	=====	=====		=====
\$ 30 Decachlorobiphenyl(surr)							
				CAS #: 2051-24-3			
9.377	9.377	0.000	424230	100.000	94 80.00- 120.00		100.00

Data File: xr125381.d

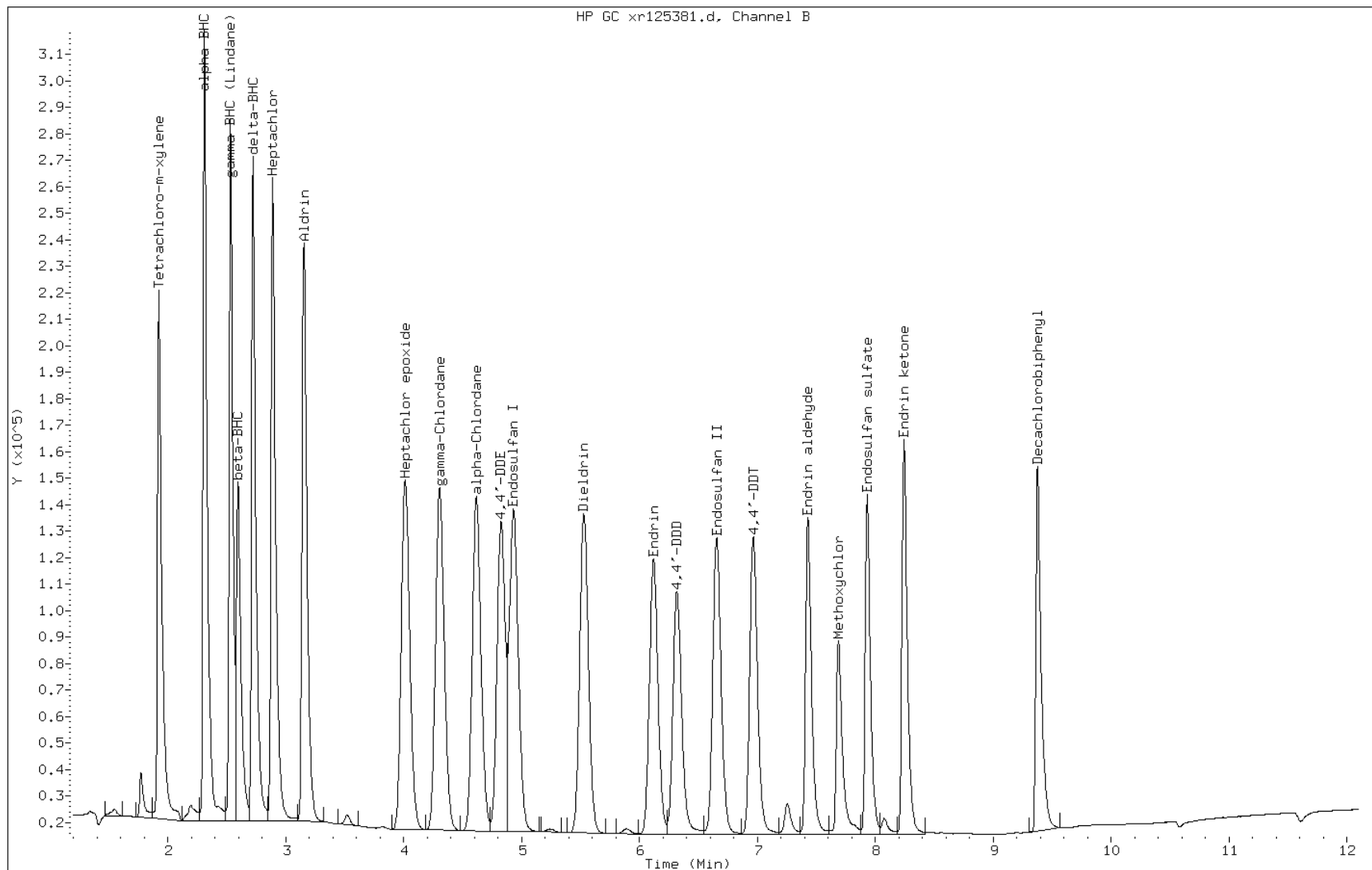
Date: 13-OCT-2011 06:38

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/14 Calibration Date: 10/13/2011 08:56
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125390.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	4046		95.6	100	-4.4	15.0
gamma-BHC (Lindane)	Ave	4268	4128		96.7	100	-3.3	15.0
beta-BHC	Ave	2116	1999		94.4	100	-5.6	15.0
delta-BHC	Ave	4326	4133		95.5	100	-4.5	15.0
Heptachlor	Ave	4315	4092		94.8	100	-5.2	15.0
Aldrin	Ave	4300	4216		98.1	100	-1.9	15.0
Heptachlor epoxide	Ave	3772	3605		95.6	100	-4.4	15.0
gamma-Chlordane	Ave	3598	3377		93.9	100	-6.1	15.0
alpha-Chlordane	Ave	3265	3023		92.6	100	-7.4	15.0
Endosulfan I	Ave	3123	2917		93.4	100	-6.6	15.0
4,4'-DDE	Ave	3094	2976		96.2	100	-3.8	15.0
Dieldrin	Ave	3248	3084		94.9	100	-5.1	15.0
Endrin	Ave	2672	2350		88.0	100	-12.0	15.0
4,4'-DDD	Ave	2652	2494		94.1	100	-5.9	15.0
Endosulfan II	Ave	2821	2651		94.0	100	-6.0	15.0
4,4'-DDT	Ave	2542	2330		91.7	100	-8.3	15.0
Endrin aldehyde	Ave	2258	2148		95.2	100	-4.8	15.0
Endosulfan sulfate	Ave	2291	2003		87.4	100	-12.6	15.0
Methoxychlor	Ave	1237	1090		88.1	100	-11.9	15.0
Endrin ketone	Ave	2475	2205		89.1	100	-10.9	15.0
Tetrachloro-m-xylene	Ave	3083	2758		89.4	100	-10.6	15.0
DCB Decachlorobiphenyl	Ave	2069	1916		92.6	100	-7.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/14 Calibration Date: 10/13/2011 08:56
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125390.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.67	3.62	3.72
beta-BHC	3.83	3.78	3.88
delta-BHC	4.60	4.55	4.65
Heptachlor	4.81	4.76	4.86
Aldrin	5.71	5.66	5.76
Heptachlor epoxide	7.14	7.07	7.21
gamma-Chlordane	7.45	7.38	7.52
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.82	7.75	7.89
Dieldrin	8.05	7.98	8.12
Endrin	8.41	8.34	8.48
4,4'-DDD	8.50	8.43	8.57
Endosulfan II	8.66	8.59	8.73
4,4'-DDT	8.88	8.81	8.95
Endrin aldehyde	9.06	8.99	9.13
Endosulfan sulfate	9.36	9.29	9.43
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.80	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125390.d
Report Date: 13-Oct-2011 09:32

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125390.d
Lab Smp Id: PESTL3_00010
Inj Date : 13-OCT-2011 08:56
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 09:32 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.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	1000.00000	Volume of sample extracted (mL)

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				
2.593	2.593	0.000	275807	100.000	89	80.00- 120.00		100.00	

2 alpha-BHC					CAS #: 319-84-6				
3.177	3.177	0.000	404556	100.000	96	80.00- 120.00		100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
3.673	3.673	0.000	412836	100.000	97	80.00- 120.00		100.00	

3 beta-BHC					CAS #: 319-85-7				
3.827	3.827	0.000	199856	100.000	94	80.00- 120.00		100.00	

4 delta-BHC					CAS #: 319-86-8				
4.603	4.603	0.000	413331	100.000	96	80.00- 120.00		100.00	

Data File: xf125390.d
Report Date: 13-Oct-2011 09:32

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.810	4.810	0.000	409193	100.000	95	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.713	5.713	0.000	421614	100.000	98	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.143	7.143	0.000	360510	100.000	96	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.453	7.453	0.000	337746	100.000	94	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.647	7.647	0.000	302298	100.000	92	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.727	7.727	0.000	291742	100.000	93	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.820	7.820	0.000	297613	100.000	96	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.047	8.047	0.000	308364	100.000	95	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.413	8.413	0.000	235043	100.000	88	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.500	8.500	0.000	249431	100.000	94	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.660	8.660	0.000	265117	100.000	94	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.880	8.880	0.000	233016	100.000	92	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.063	9.063	0.000	214849	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.363	9.363	0.000	200277	100.000	87	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.570	9.570	0.000	108998	100.000	88	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.800	9.800	0.000	220542	100.000	89	80.00-	120.00	100.00

Data File: xf125390.d
 Report Date: 13-Oct-2011 09:32

		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						
10.750	10.750	0.000	191574	100.000	92	80.00-	120.00	100.00	

Data File: xf125390.d

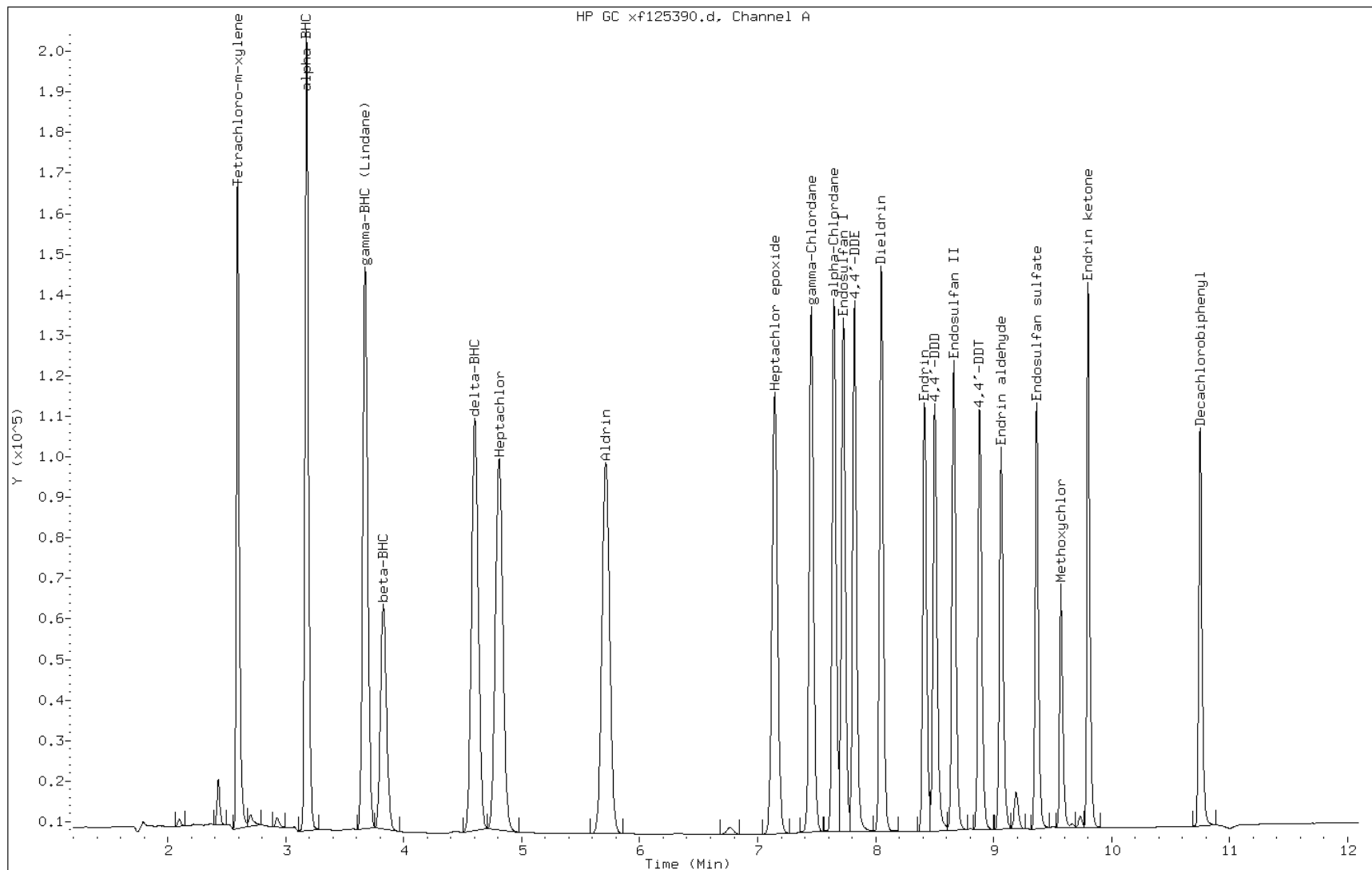
Date: 13-OCT-2011 08:56

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/14 Calibration Date: 10/13/2011 08:56
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125390.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	7598		96.9	100	-3.1	15.0
gamma-BHC (Lindane)	Ave	6515	5795		88.9	100	-11.1	15.0
beta-BHC	Ave	3723	3452		92.7	100	-7.3	15.0
delta-BHC	Ave	6959	6645		95.5	100	-4.5	15.0
Heptachlor	Ave	7103	7006		98.6	100	-1.4	15.0
Aldrin	Ave	6762	6727		99.5	100	-0.5	15.0
Heptachlor epoxide	Ave	7033	6895		98.0	100	-2.0	15.0
gamma-Chlordane	Ave	7201	6869		95.4	100	-4.6	15.0
alpha-Chlordane	Ave	6937	6748		97.3	100	-2.7	15.0
4,4'-DDE	Ave	6225	5811		93.4	100	-6.6	15.0
Endosulfan I	Ave	6749	6804		101	100	0.8	15.0
Dieldrin	Ave	6734	6504		96.6	100	-3.4	15.0
Endrin	Ave	5800	5278		91.0	100	-9.0	15.0
4,4'-DDD	Ave	5320	5028		94.5	100	-5.5	15.0
Endosulfan II	Ave	5972	5721		95.8	100	-4.2	15.0
4,4'-DDT	Ave	5616	5232		93.2	100	-6.8	15.0
Endrin aldehyde	Ave	4604	4368		94.9	100	-5.1	15.0
Methoxychlor	Ave	2853	2634		92.3	100	-7.7	15.0
Endosulfan sulfate	Ave	4679	4011		85.7	100	-14.3	15.0
Endrin ketone	Ave	5382	4846		90.0	100	-10.0	15.0
Tetrachloro-m-xylene	Ave	5854	5362		91.6	100	-8.4	15.0
DCB Decachlorobiphenyl	Ave	4491	4347		96.8	100	-3.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/14 Calibration Date: 10/13/2011 08:56
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125390.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.48	2.58
beta-BHC	2.60	2.55	2.65
delta-BHC	2.72	2.67	2.77
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.11	3.21
Heptachlor epoxide	4.01	3.94	4.08
gamma-Chlordane	4.30	4.23	4.37
alpha-Chlordane	4.62	4.55	4.69
4,4'-DDE	4.83	4.76	4.90
Endosulfan I	4.93	4.86	5.00
Dieldrin	5.53	5.46	5.60
Endrin	6.12	6.05	6.19
4,4'-DDD	6.32	6.25	6.39
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.96	6.89	7.03
Endrin aldehyde	7.43	7.36	7.50
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.93	7.86	8.00
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125390.d
Lab Smp Id: PESTL3_00010
Inj Date : 13-OCT-2011 08:56
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 13-Oct-2011 09:31 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	1000.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
1.927	1.927	0.000	536234	100.000	92	80.00-	120.00	100.00

2 alpha-BHC					CAS #: 319-84-6			
2.313	2.313	0.000	759843	100.000	97	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
2.533	2.533	0.000	579502	100.000	89	80.00-	120.00	100.00

3 beta-BHC					CAS #: 319-85-7			
2.597	2.597	0.000	345186	100.000	93	80.00-	120.00	100.00

4 delta-BHC					CAS #: 319-86-8			
2.723	2.723	0.000	664516	100.000	95	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								
2.890	2.890	0.000	700595	100.000	99	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.157	3.157	0.000	672730	100.000	99	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.013	4.013	0.000	689500	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.303	4.303	0.000	686868	100.000	95	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.617	4.617	0.000	674840	100.000	97	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.827	4.827	0.000	581129	100.000	93	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.930	4.930	0.000	680378	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.527	5.527	0.000	650434	100.000	96	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.117	6.117	0.000	527770	100.000	91	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.317	6.317	0.000	502835	100.000	94	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.653	6.653	0.000	572060	100.000	96	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.963	6.963	0.000	523231	100.000	93	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.430	7.430	0.000	436819	100.000	95	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.687	7.687	0.000	263419	100.000	92	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.933	7.933	0.000	401081	100.000	86	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.243	8.243	0.000	484566	100.000	90	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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)				CAS #: 2051-24-3		
9.377	9.377	0.000	434690	100.000	97	80.00- 120.00
100.00						

Data File: xr125390.d

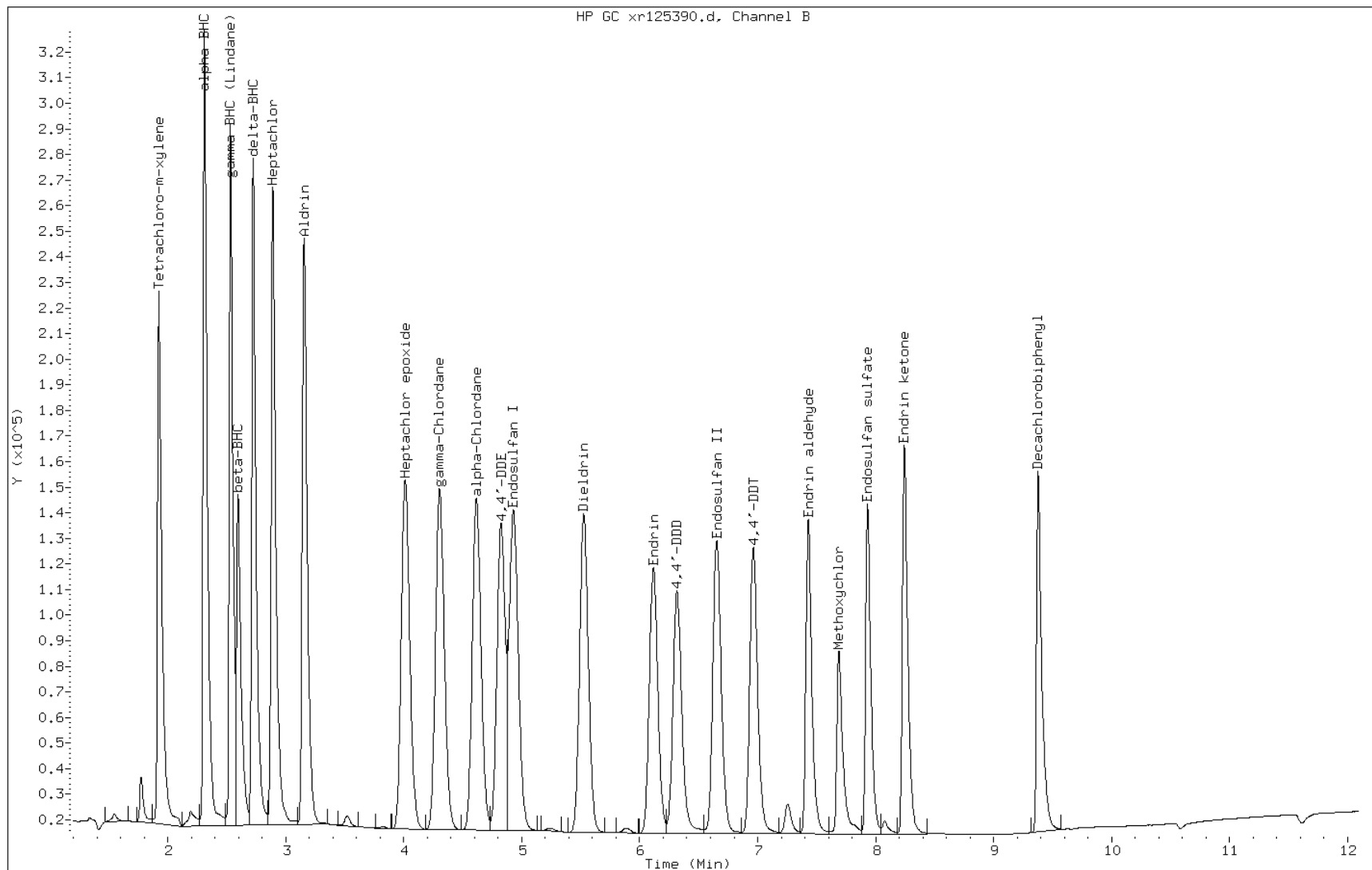
Date: 13-OCT-2011 08:56

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/32 Calibration Date: 10/13/2011 13:04
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125408.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	4164		98.4	100	-1.6	15.0
gamma-BHC (Lindane)	Ave	4268	4205		98.5	100	-1.5	15.0
beta-BHC	Ave	2116	2062		97.4	100	-2.6	15.0
delta-BHC	Ave	4326	4225		97.6	100	-2.4	15.0
Heptachlor	Ave	4315	4044		93.7	100	-6.3	15.0
Aldrin	Ave	4300	4238		98.6	100	-1.4	15.0
Heptachlor epoxide	Ave	3772	3599		95.4	100	-4.6	15.0
gamma-Chlordane	Ave	3598	3382		94.0	100	-6.0	15.0
alpha-Chlordane	Ave	3265	3026		92.7	100	-7.3	15.0
Endosulfan I	Ave	3123	2885		92.4	100	-7.6	15.0
4,4'-DDE	Ave	3094	2978		96.3	100	-3.7	15.0
Dieldrin	Ave	3248	3057		94.1	100	-5.9	15.0
Endrin	Ave	2672	2273		85.1	100	-14.9	15.0
4,4'-DDD	Ave	2652	2519		95.0	100	-5.0	15.0
Endosulfan II	Ave	2821	2629		93.2	100	-6.8	15.0
4,4'-DDT	Ave	2542	2231		87.8	100	-12.2	15.0
Endrin aldehyde	Ave	2258	2146		95.0	100	-5.0	15.0
Endosulfan sulfate	Ave	2291	1962		85.6	100	-14.4	15.0
Methoxychlor	Ave	1237	1079		87.2	100	-12.8	15.0
Endrin ketone	Ave	2475	2244		90.7	100	-9.3	15.0
Tetrachloro-m-xylene	Ave	3083	2822		91.5	100	-8.5	15.0
DCB Decachlorobiphenyl	Ave	2069	1885		91.1	100	-8.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/32 Calibration Date: 10/13/2011 13:04
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125408.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.67	3.62	3.72
beta-BHC	3.83	3.78	3.88
delta-BHC	4.61	4.56	4.66
Heptachlor	4.81	4.76	4.86
Aldrin	5.72	5.67	5.77
Heptachlor epoxide	7.15	7.08	7.22
gamma-Chlordane	7.46	7.39	7.53
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.82	7.75	7.89
Dieldrin	8.05	7.98	8.12
Endrin	8.42	8.35	8.49
4,4'-DDD	8.50	8.43	8.57
Endosulfan II	8.66	8.59	8.73
4,4'-DDT	8.88	8.81	8.95
Endrin aldehyde	9.07	9.00	9.14
Endosulfan sulfate	9.36	9.29	9.43
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.80	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125408.d
Report Date: 14-Oct-2011 06:24

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125408.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 13-OCT-2011 13:04
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.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)									
CAS #: 877-09-8									
2.593	2.593	0.000	282199	100.000	92	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.177	3.177	0.000	416352	100.000	98	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.673	3.673	0.000	420502	100.000	98	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.830	3.830	0.000	206219	100.000	97	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
4.607	4.607	0.000	422471	100.000	98	80.00- 120.00	100.00		

Data File: xf125408.d
Report Date: 14-Oct-2011 06:24

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.813	4.813	0.000	404390	100.000	94	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.717	5.717	0.000	423805	100.000	98	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.147	7.147	0.000	359886	100.000	95	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.457	7.457	0.000	338216	100.000	94	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.650	7.650	0.000	302616	100.000	93	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.727	7.727	0.000	288451	100.000	92	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.823	7.823	0.000	297801	100.000	96	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.050	8.050	0.000	305715	100.000	94	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.417	8.417	0.000	227332	100.000	85	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.503	8.503	0.000	251908	100.000	95	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.663	8.663	0.000	262908	100.000	93	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.883	8.883	0.000	223050	100.000	88	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.067	9.067	0.000	214574	100.000	95	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.363	9.363	0.000	196192	100.000	86	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.570	9.570	0.000	107914	100.000	87	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.803	9.803	0.000	224447	100.000	91	80.00-	120.00	100.00

Data File: xf125408.d
Report Date: 14-Oct-2011 06:24

		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				
10.750	10.750	0.000	188528	100.000	91	80.00-	120.00	100.00	

Data File: xf125408.d

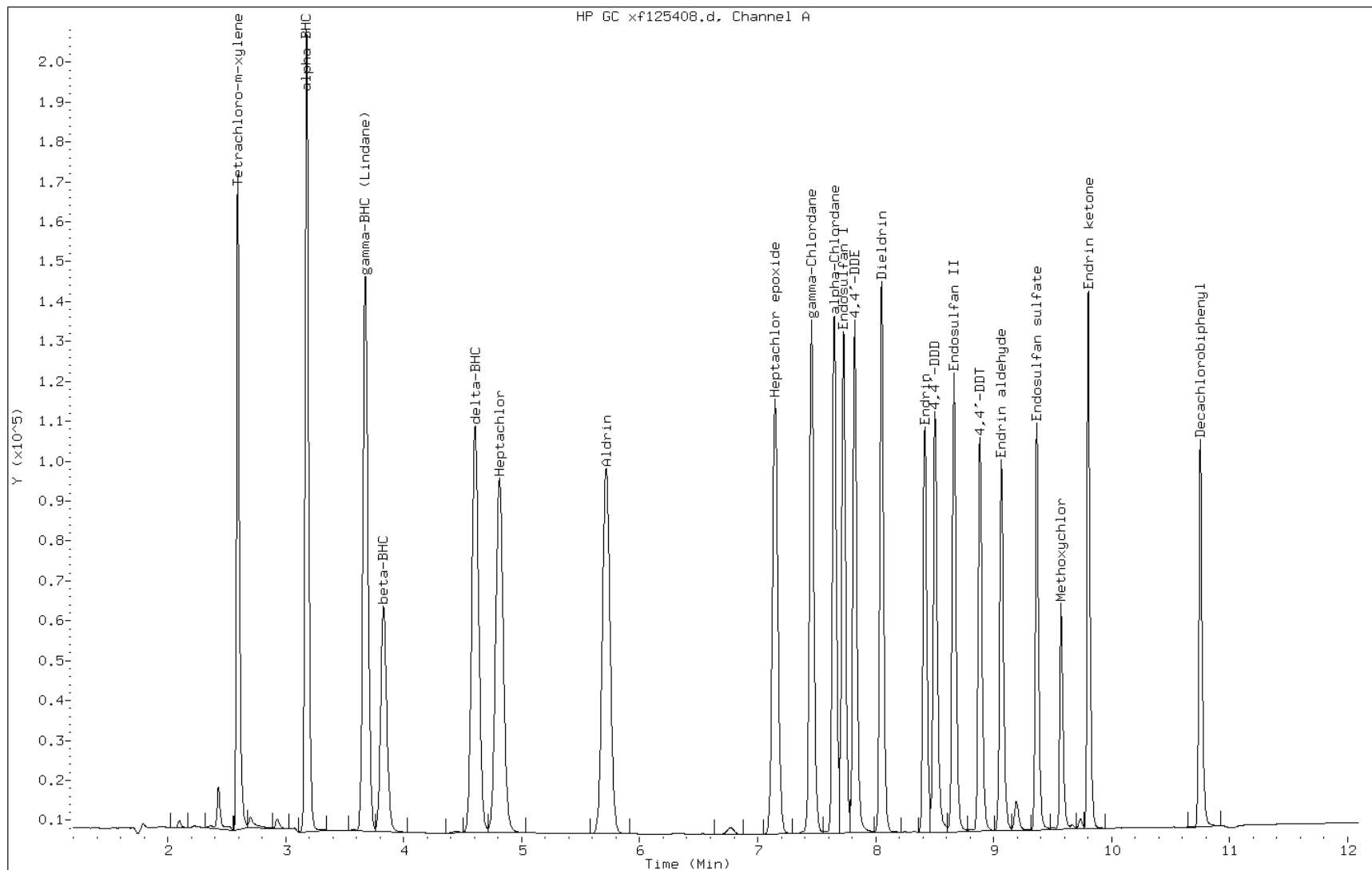
Date: 13-OCT-2011 13:04

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/32 Calibration Date: 10/13/2011 13:04
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125408.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	7834		99.9	100	-0.1	15.0
gamma-BHC (Lindane)	Ave	6515	5946		91.3	100	-8.7	15.0
beta-BHC	Ave	3723	3612		97.0	100	-3.0	15.0
delta-BHC	Ave	6959	6913		99.3	100	-0.7	15.0
Heptachlor	Ave	7103	7029		99.0	100	-1.0	15.0
Aldrin	Ave	6762	6900		102	100	2.0	15.0
Heptachlor epoxide	Ave	7033	6914		98.3	100	-1.7	15.0
gamma-Chlordane	Ave	7201	6868		95.4	100	-4.6	15.0
alpha-Chlordane	Ave	6937	6724		96.9	100	-3.1	15.0
4,4'-DDE	Ave	6225	5691		91.4	100	-8.6	15.0
Endosulfan I	Ave	6749	6868		102	100	1.7	15.0
Dieldrin	Ave	6734	6570		97.6	100	-2.4	15.0
Endrin	Ave	5800	5111		88.1	100	-11.9	15.0
4,4'-DDD	Ave	5320	5180		97.4	100	-2.6	15.0
Endosulfan II	Ave	5972	5844		97.9	100	-2.1	15.0
4,4'-DDT	Ave	5616	5027		89.5	100	-10.5	15.0
Endrin aldehyde	Ave	4604	4447		96.6	100	-3.4	15.0
Methoxychlor	Ave	2853	2489		87.2	100	-12.8	15.0
Endosulfan sulfate	Ave	4679	4025		86.0	100	-14.0	15.0
Endrin ketone	Ave	5382	4992		92.8	100	-7.2	15.0
Tetrachloro-m-xylene	Ave	5854	5541		94.7	100	-5.3	15.0
DCB Decachlorobiphenyl	Ave	4491	4174		93.0	100	-7.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89324/32 Calibration Date: 10/13/2011 13:04
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125408.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.48	2.58
beta-BHC	2.60	2.55	2.65
delta-BHC	2.72	2.67	2.77
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.11	3.21
Heptachlor epoxide	4.01	3.94	4.08
gamma-Chlordane	4.30	4.23	4.37
alpha-Chlordane	4.62	4.55	4.69
4,4'-DDE	4.82	4.75	4.89
Endosulfan I	4.93	4.86	5.00
Dieldrin	5.53	5.46	5.60
Endrin	6.12	6.05	6.19
4,4'-DDD	6.32	6.25	6.39
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.96	6.89	7.03
Endrin aldehyde	7.43	7.36	7.50
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.93	7.86	8.00
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125408.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 13-OCT-2011 13:04
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: Amt * DF * Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	554125	100.000	95	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.313	2.313	0.000	783357	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.533	2.533	0.000	594577	100.000	91	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
2.597	2.597	0.000	361151	100.000	97	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
2.723	2.723	0.000	691270	100.000	99	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								
2.890	2.890	0.000	702891	100.000	99	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.157	3.157	0.000	690012	100.000	100	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.013	4.013	0.000	691403	100.000	98	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.303	4.303	0.000	686830	100.000	95	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.617	4.617	0.000	672393	100.000	97	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.823	4.823	0.000	569120	100.000	91	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.933	4.933	0.000	686750	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.527	5.527	0.000	656966	100.000	98	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.117	6.117	0.000	511141	100.000	88	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.317	6.317	0.000	518012	100.000	97	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.653	6.653	0.000	584447	100.000	98	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.963	6.963	0.000	502721	100.000	90	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.430	7.430	0.000	444726	100.000	97	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.690	7.690	0.000	248919	100.000	87	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.933	7.933	0.000	402482	100.000	86	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.243	8.243	0.000	499164	100.000	93	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			
9.377	9.377	0.000	417449	100.000	93 80.00- 120.00	100.00

Data File: xr125408.d

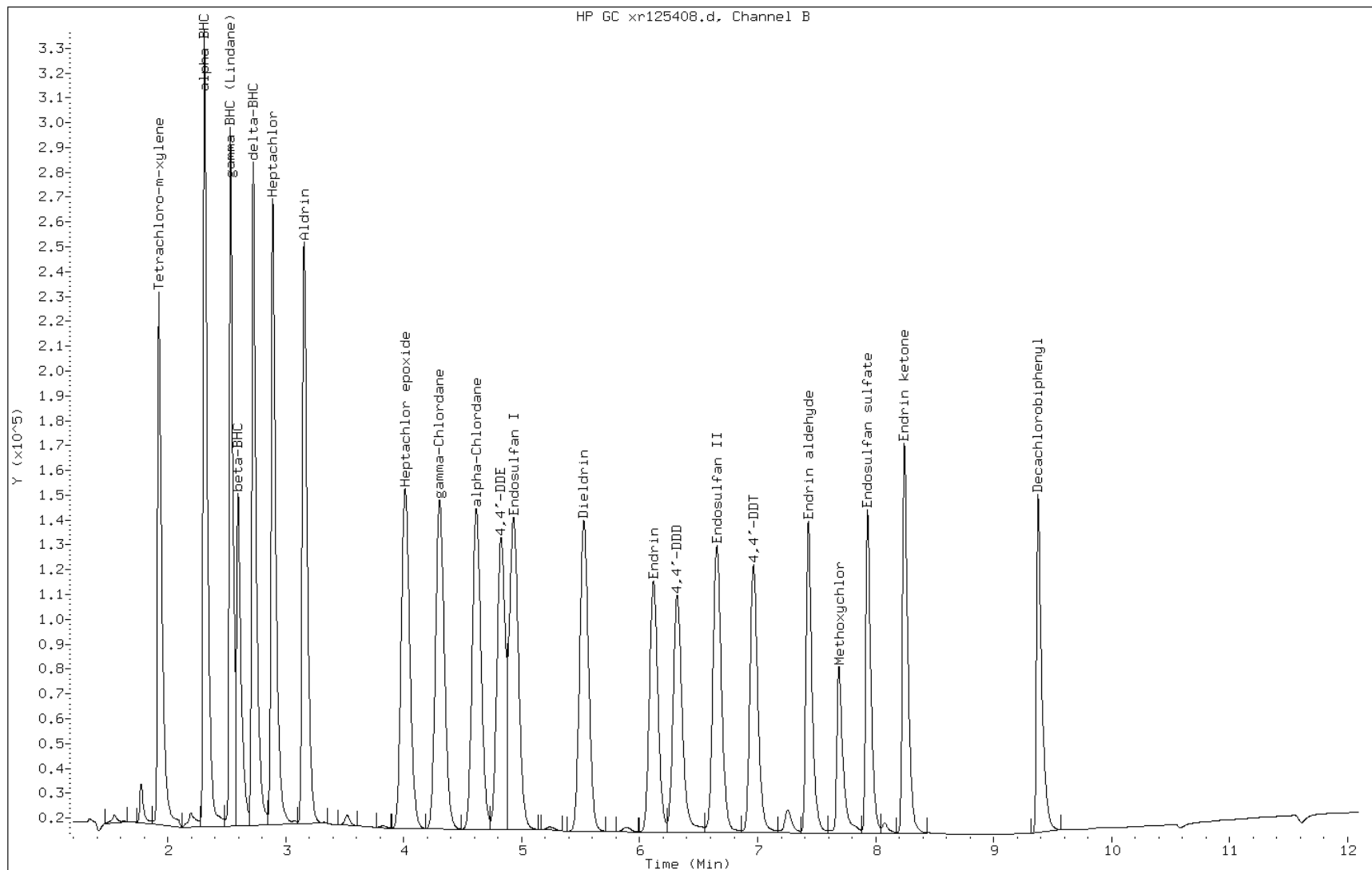
Date: 13-OCT-2011 13:04

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89001/1-A
Matrix: Solid Lab File ID: xf125373.d
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/11/2011 03:47
Sample wt/vol: 15.00(g) Date Analyzed: 10/12/2011 11:37
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.: 89301 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		53-150
877-09-8	Tetrachloro-m-xylene	95		40-150

Data File: xf125373.d
Report Date: 13-Oct-2011 06:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125373.d
Lab Smp Id: mb 460-89001/1-a
Inj Date : 12-OCT-2011 11:37
Operator :
Smp Info : mb 460-89001/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
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									
2.590	2.590	0.000	146034	47.3616	32	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	120388	58.1791	39	80.00- 120.00	100.00		

Data File: xf125373.d

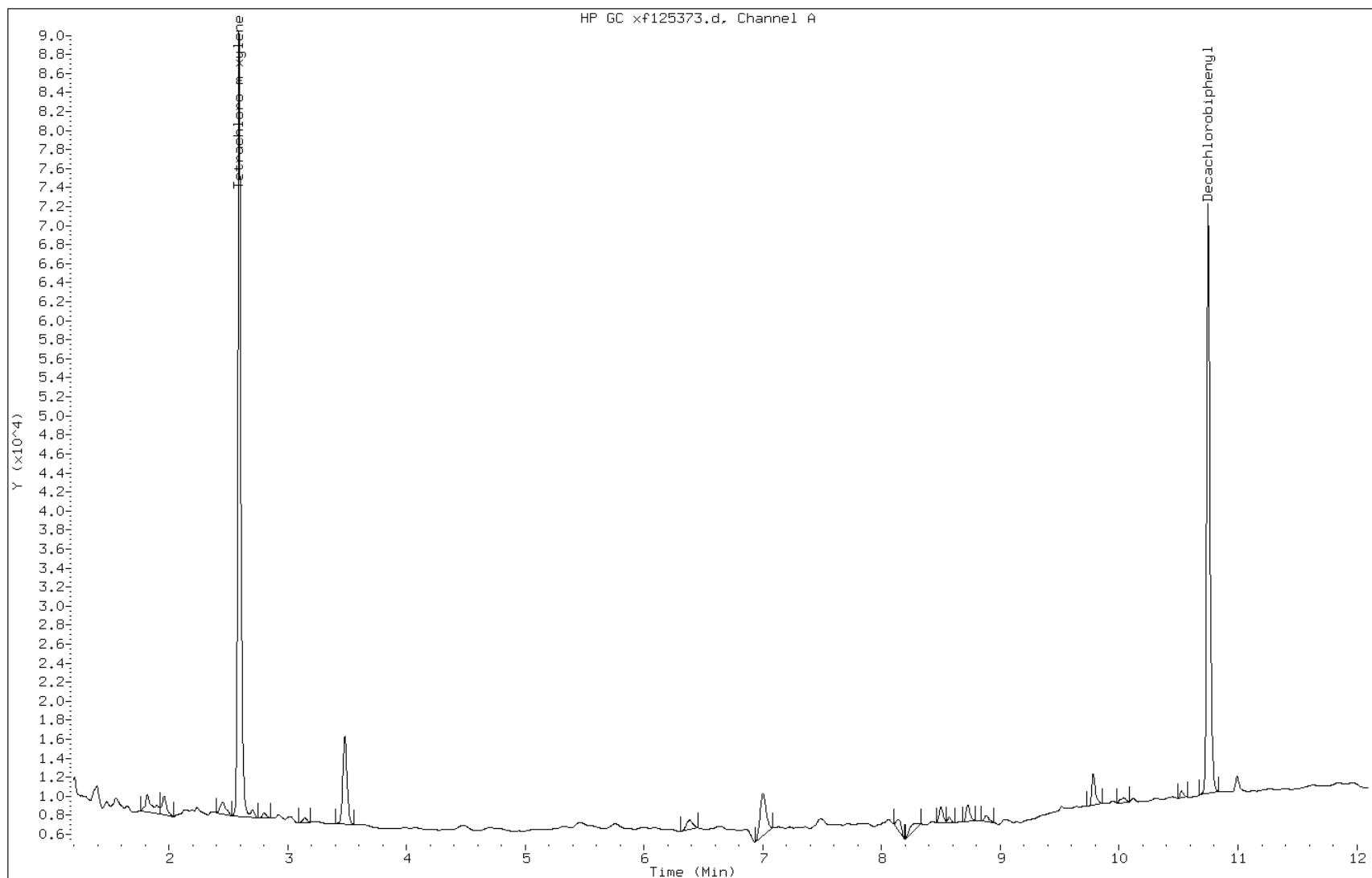
Date: 12-OCT-2011 11:37

Client ID:

Instrument: PESTGC1.i

Sample Info: mb 460-89001/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89001/1-A
 Matrix: Solid Lab File ID: xr125373.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:47
 Sample wt/vol: 15.00(g) Date Analyzed: 10/12/2011 11:37
 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.: 89301 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	110		53-150
877-09-8	Tetrachloro-m-xylene	87		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125373.d
Lab Smp Id: mb 460-89001/1-a
Inj Date : 12-OCT-2011 11:37
Operator :
Smp Info : mb 460-89001/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
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									
1.923	1.923	0.000	254204	43.4249			80.00- 120.00	100.00(aR)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	246746	54.9424			80.00- 120.00	100.00(aR)	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr125373.d

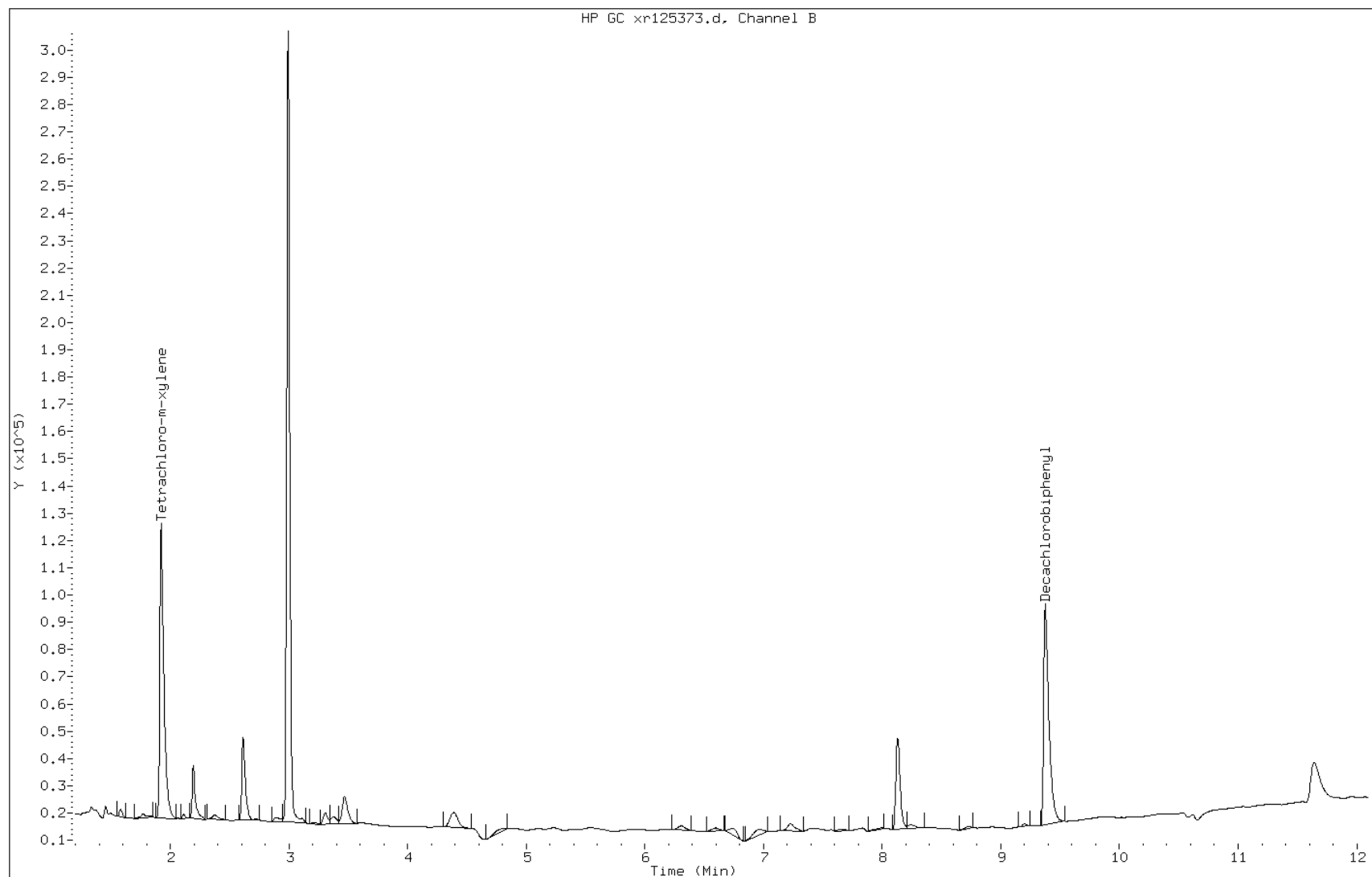
Date: 12-OCT-2011 11:37

Client ID:

Instrument: PESTGC1.i

Sample Info: mb 460-89001/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89299/1-A
Matrix: Solid Lab File ID: xf125406.d
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/13/2011 03:19
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:36
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.: 89324 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

Data File: xf125406.d
Report Date: 14-Oct-2011 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125406.d
Lab Smp Id: MB 460-89299/1-A
Inj Date : 13-OCT-2011 12:36
Operator :
Smp Info : MB 460-89299/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
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				
2.593	2.593	0.000	156053	50.6109	34	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.750	10.750	0.000	108654	52.5084	35	80.00- 120.00	100.00		

Data File: xf125406.d

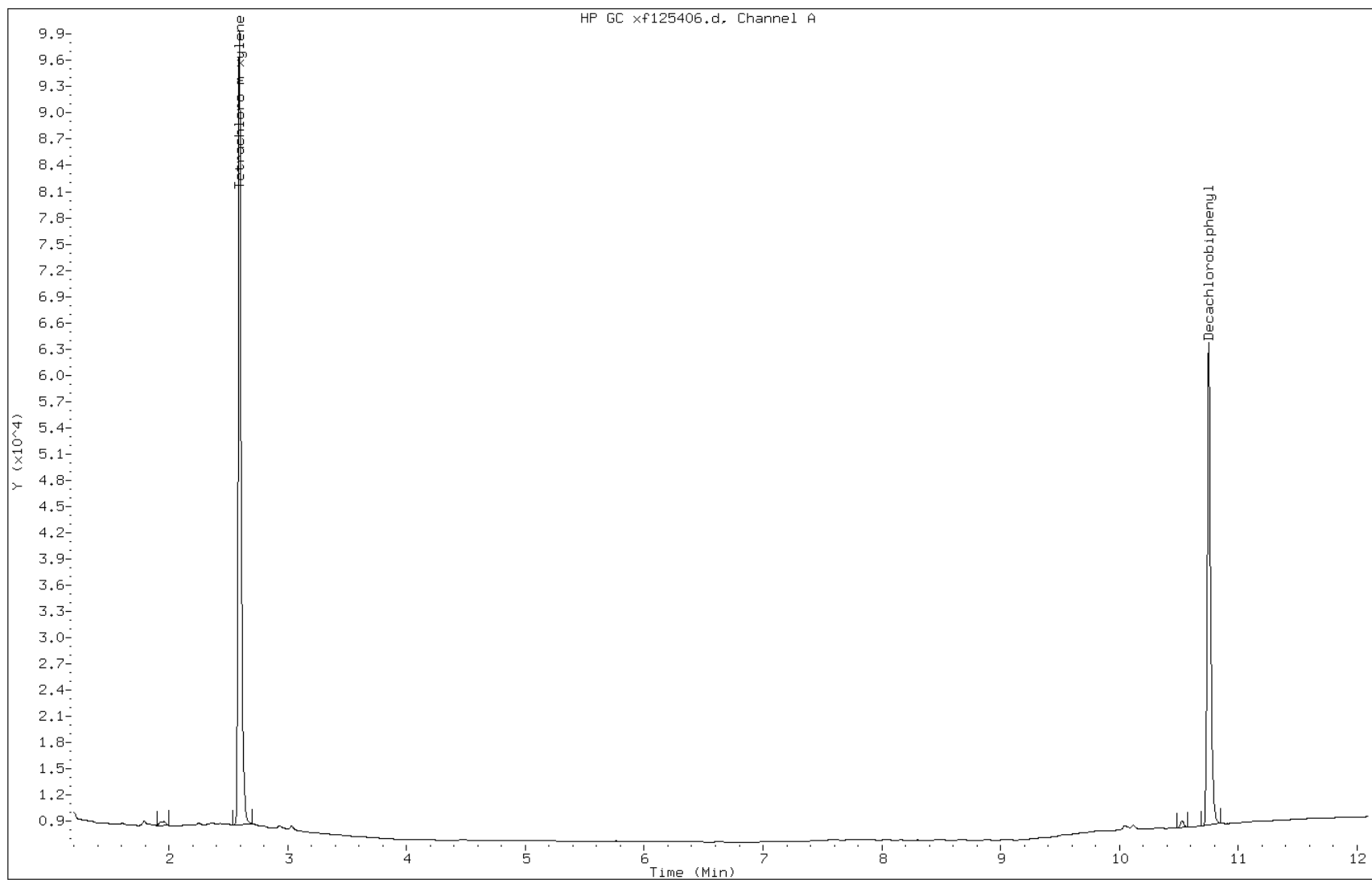
Date: 13-OCT-2011 12:36

Client ID:

Instrument: PESTGC1.i

Sample Info: MB 460-89299/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89299/1-A
 Matrix: Solid Lab File ID: xr125406.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:19
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:36
 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.: 89324 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	104		53-150
877-09-8	Tetrachloro-m-xylene	98		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125406.d
Lab Smp Id: MB 460-89299/1-A
Inj Date : 13-OCT-2011 12:36
Operator :
Smp Info : MB 460-89299/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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				
1.927	1.927	0.000	287118	49.0474	33	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.377	9.377	0.000	232960	51.8727	34	80.00- 120.00	100.00		

Data File: xr125406.d

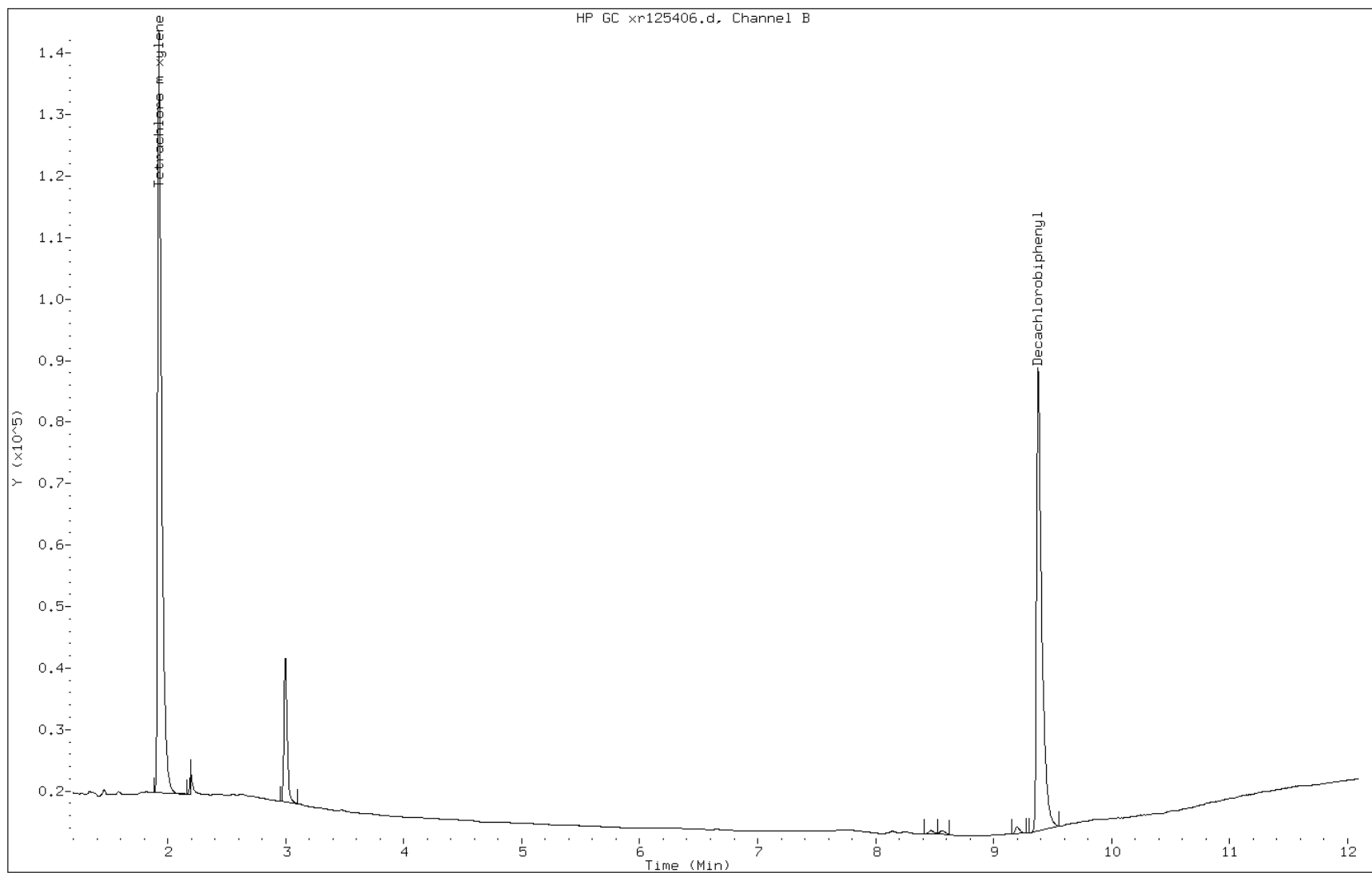
Date: 13-OCT-2011 12:36

Client ID:

Instrument: PESTGC1.i

Sample Info: MB 460-89299/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89301/2
 Matrix: Solid Lab File ID: xf125352.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/12/2011 06:43
 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.: 89301 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	116		53-150
877-09-8	Tetrachloro-m-xylene	112		40-150

Data File: xf125352.d
Report Date: 13-Oct-2011 06:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125352.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 12-OCT-2011 06:43
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 12-Oct-2011 13:03 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
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									
2.593	2.590	0.003	69249	22.4587	15	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	47971	23.1826	15	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125352.d

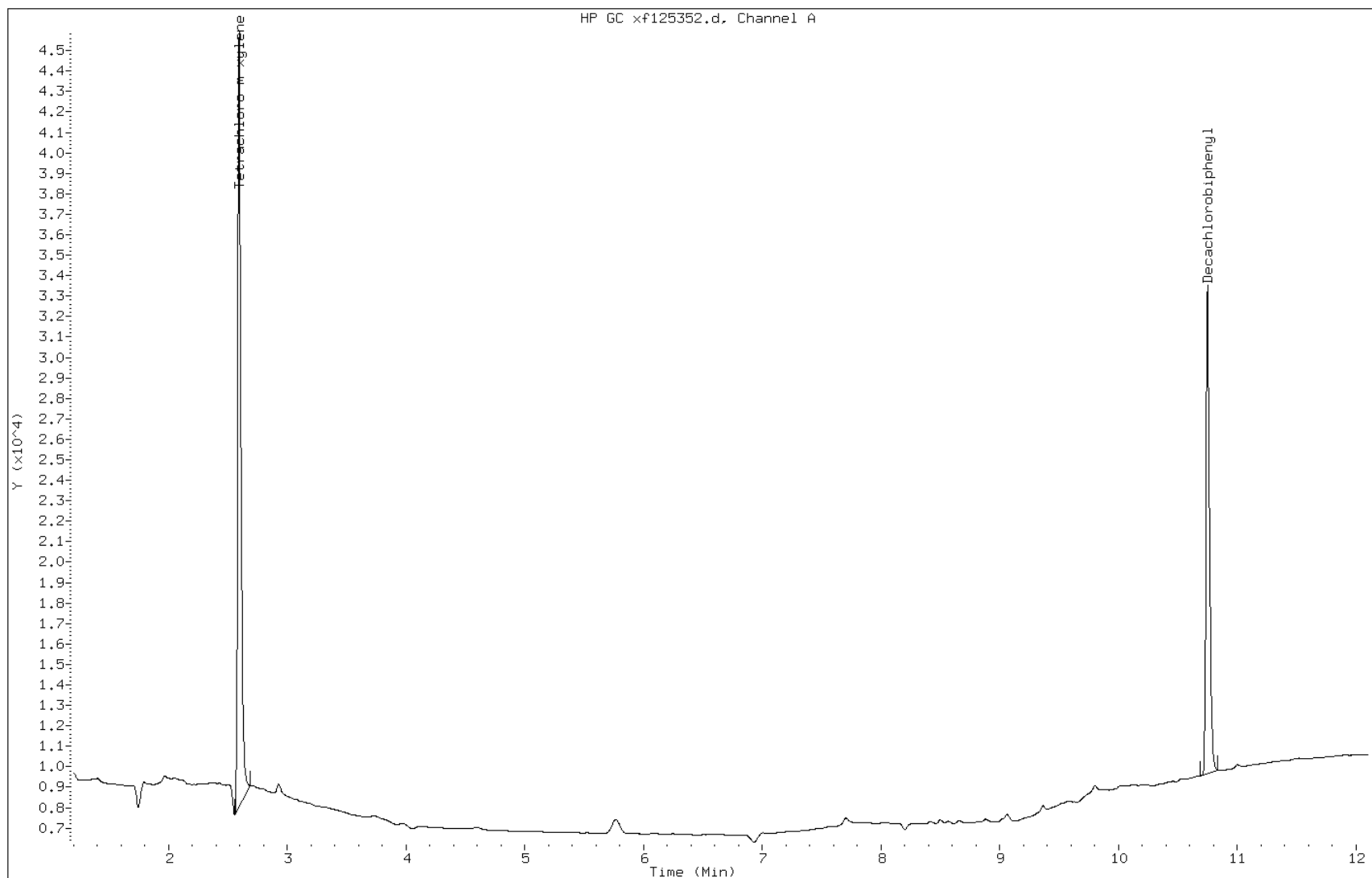
Date: 12-OCT-2011 06:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89301/2
 Matrix: Solid Lab File ID: xr125352.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/12/2011 06:43
 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.: 89301 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	120		53-150
877-09-8	Tetrachloro-m-xylene	105		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125352.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 12-OCT-2011 06:43
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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		
1.923	1.923	0.000	122350	20.9006	14	80.00- 120.00	100.00		
\$ 30	Decachlorobiphenyl						CAS #: 2051-24-3		
9.377	9.377	0.000	107366	23.9069	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xr125352.d

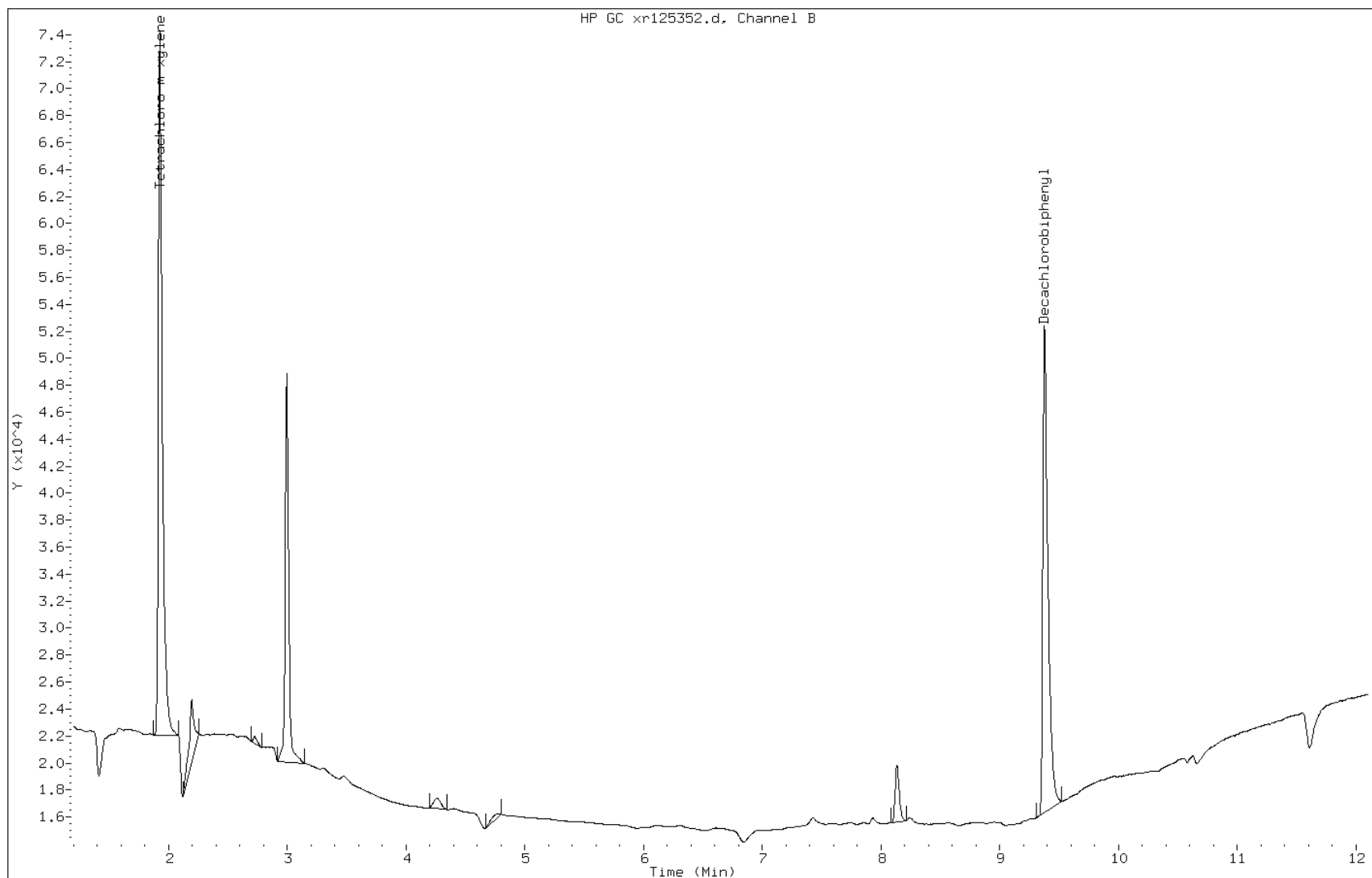
Date: 12-OCT-2011 06:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89301/24
 Matrix: Solid Lab File ID: xf125374.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/12/2011 11:51
 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.: 89301 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	197	X	53-150
877-09-8	Tetrachloro-m-xylene	117		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125374.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 12-OCT-2011 11:51
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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									
2.590	2.590	0.000	72086	23.3790	16	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	81502	39.3869	26	80.00- 120.00	100.00		

Data File: xf125374.d

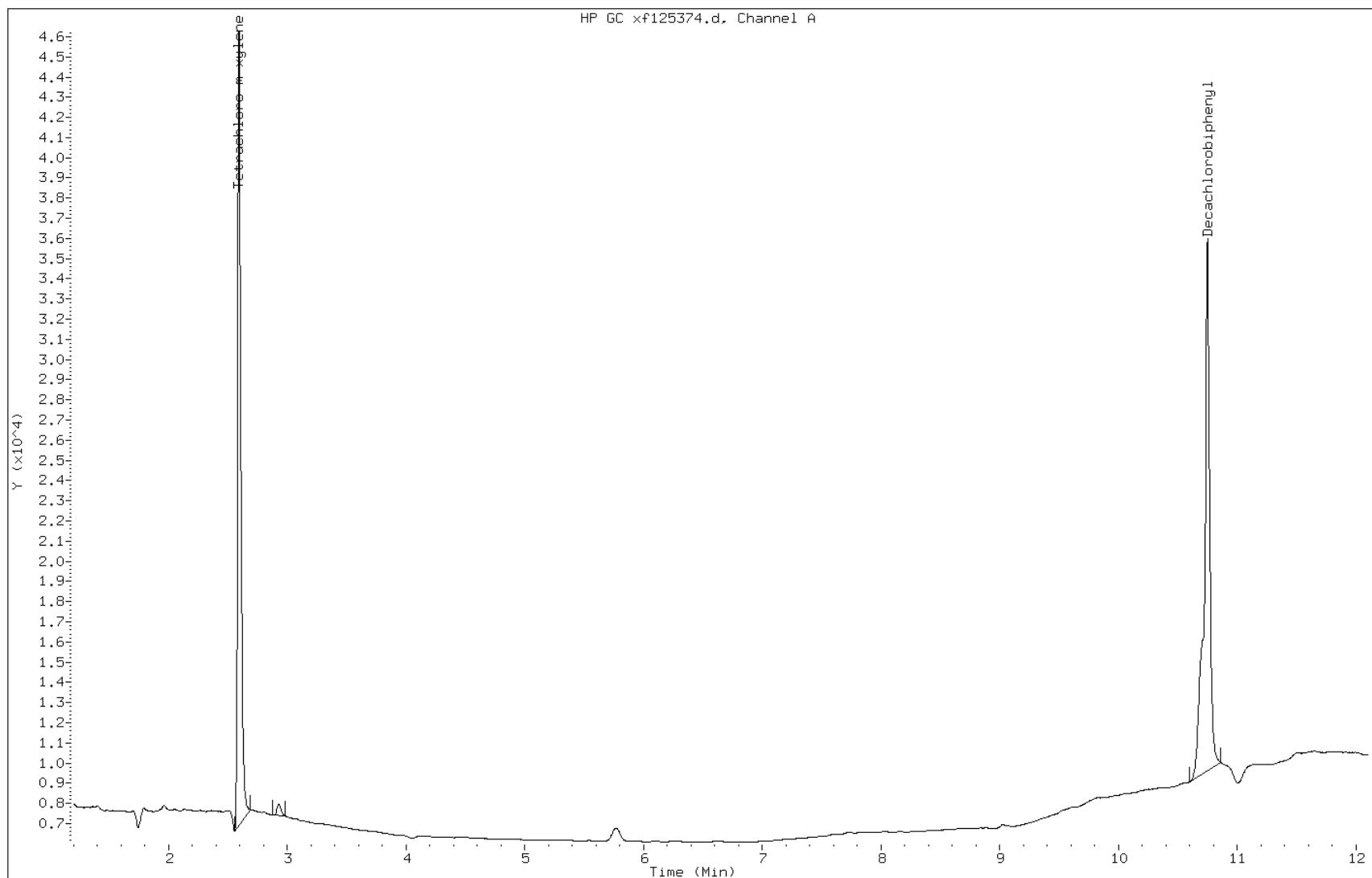
Date: 12-OCT-2011 11:51

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89301/24
 Matrix: Solid Lab File ID: xr125374.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/12/2011 11:51
 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.: 89301 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	126		53-150
877-09-8	Tetrachloro-m-xylene	125		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125374.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 12-OCT-2011 11:51
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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		
1.923	1.923	0.000	146717	25.0633			80.00- 120.00	100.00(aR)	

\$ 30	Decachlorobiphenyl						CAS #: 2051-24-3		
9.377	9.377	0.000	113233	25.2134			80.00- 120.00	100.00(aR)	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr125374.d

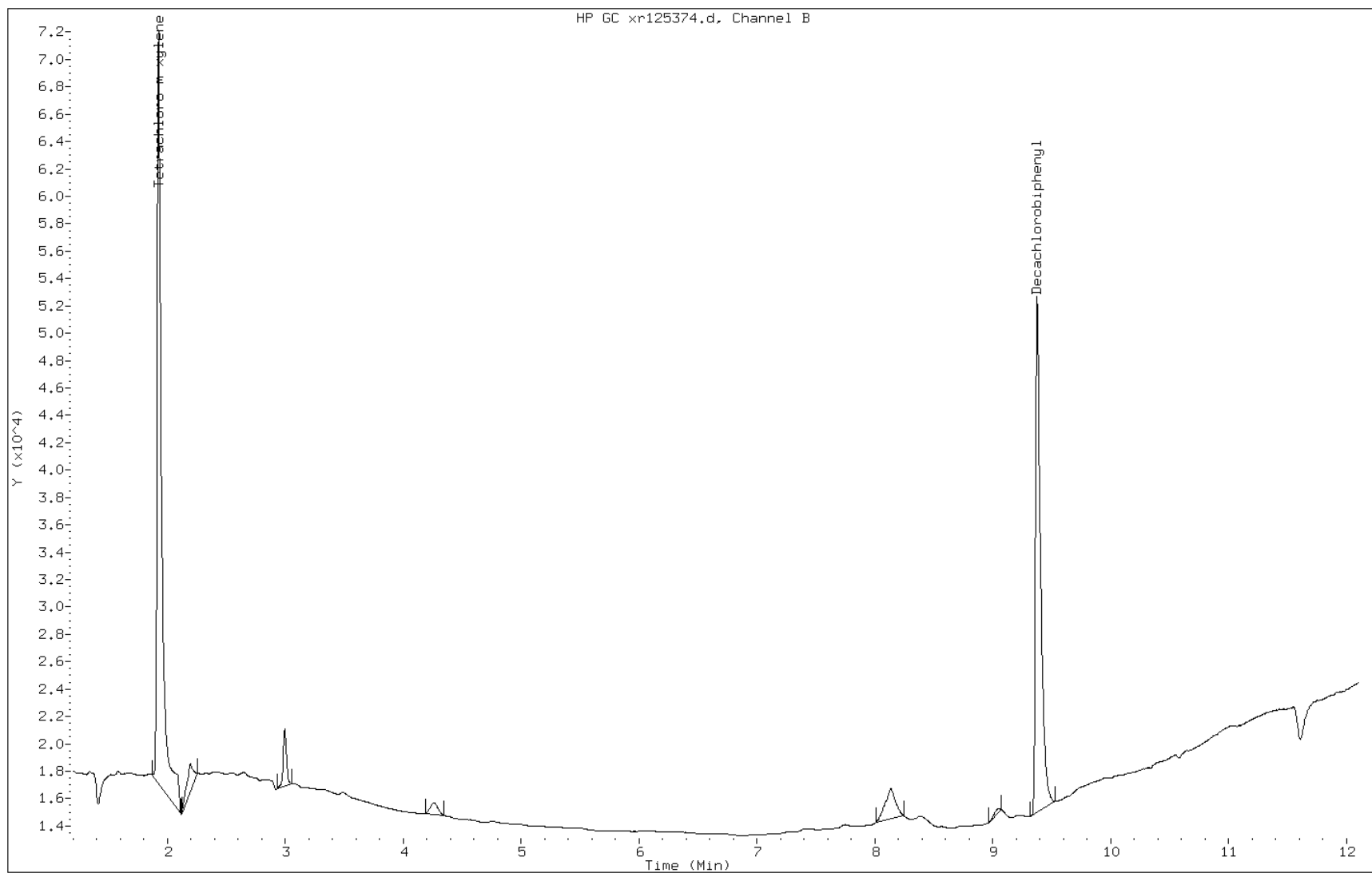
Date: 12-OCT-2011 11:51

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89324/13
 Matrix: Solid Lab File ID: xf125389.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/13/2011 08:42
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89324 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	120		53-150
877-09-8	Tetrachloro-m-xylene	116		40-150

Data File: xf125389.d
Report Date: 14-Oct-2011 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125389.d
Lab Smp Id: PIBLK_00008
Inj Date : 13-OCT-2011 08:42
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Compound Sublist: Allpest.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	1000.00000	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	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.593	2.593	0.000	71296	23.1228	0.12	80.00-	120.00	100.00(aR)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	49551	23.9465	0.12	80.00-	120.00	100.00(aR)	

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: xf125389.d

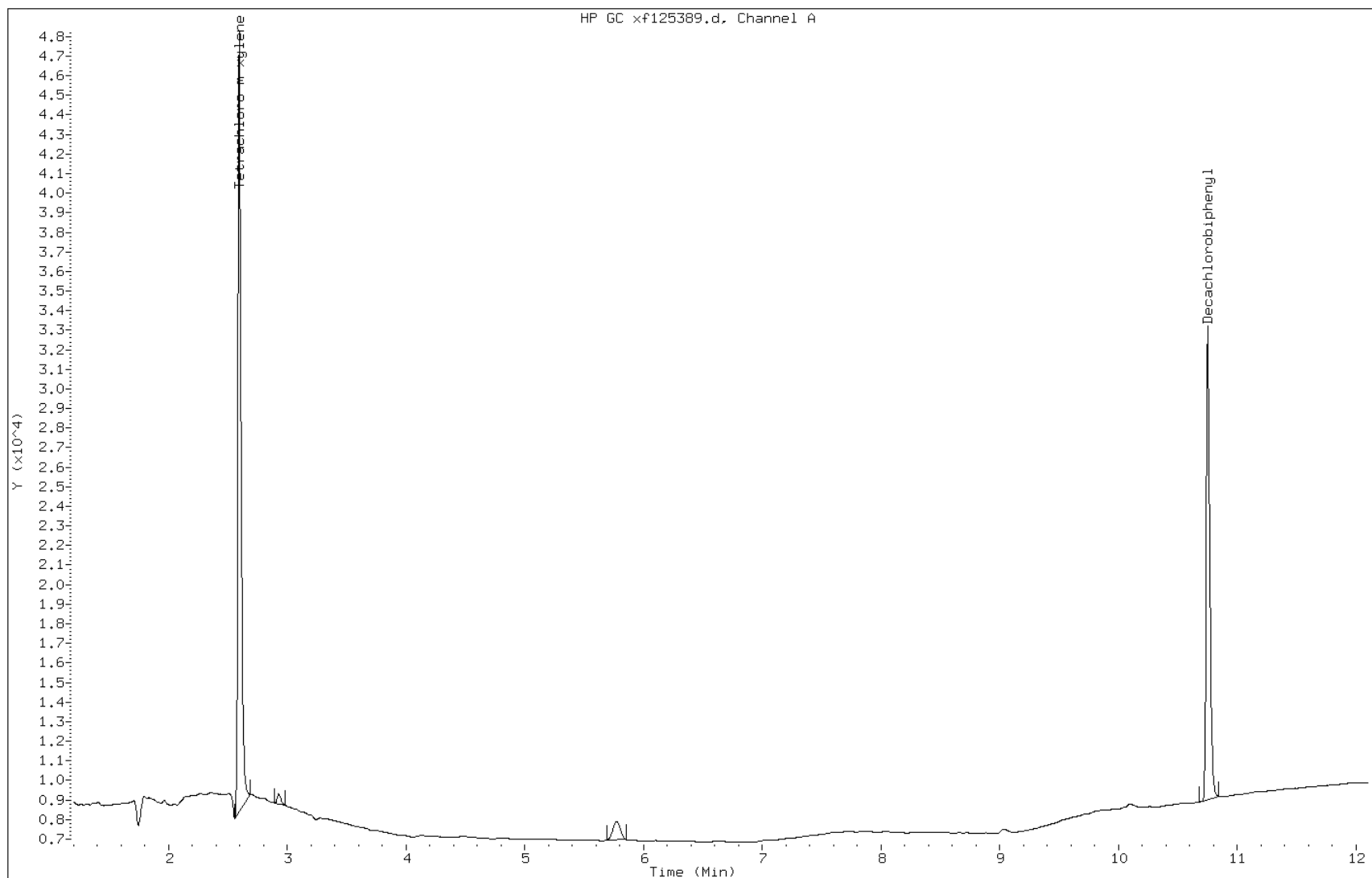
Date: 13-OCT-2011 08:42

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-89324/13

Matrix: Solid Lab File ID: xr125389.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 10/13/2011 08:42

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 89324 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	120		53-150
877-09-8	Tetrachloro-m-xylene	105		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125389.d
Lab Smp Id: PIBLK_00008
Inj Date : 13-OCT-2011 08:42
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Compound Sublist: Allpest.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	1000.00000	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	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.923	1.927	-0.004	123062	21.0223	0.10	80.00-	120.00	100.00(aR)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	107709	23.9835	0.12	80.00-	120.00	100.00(aR)	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: xr125389.d

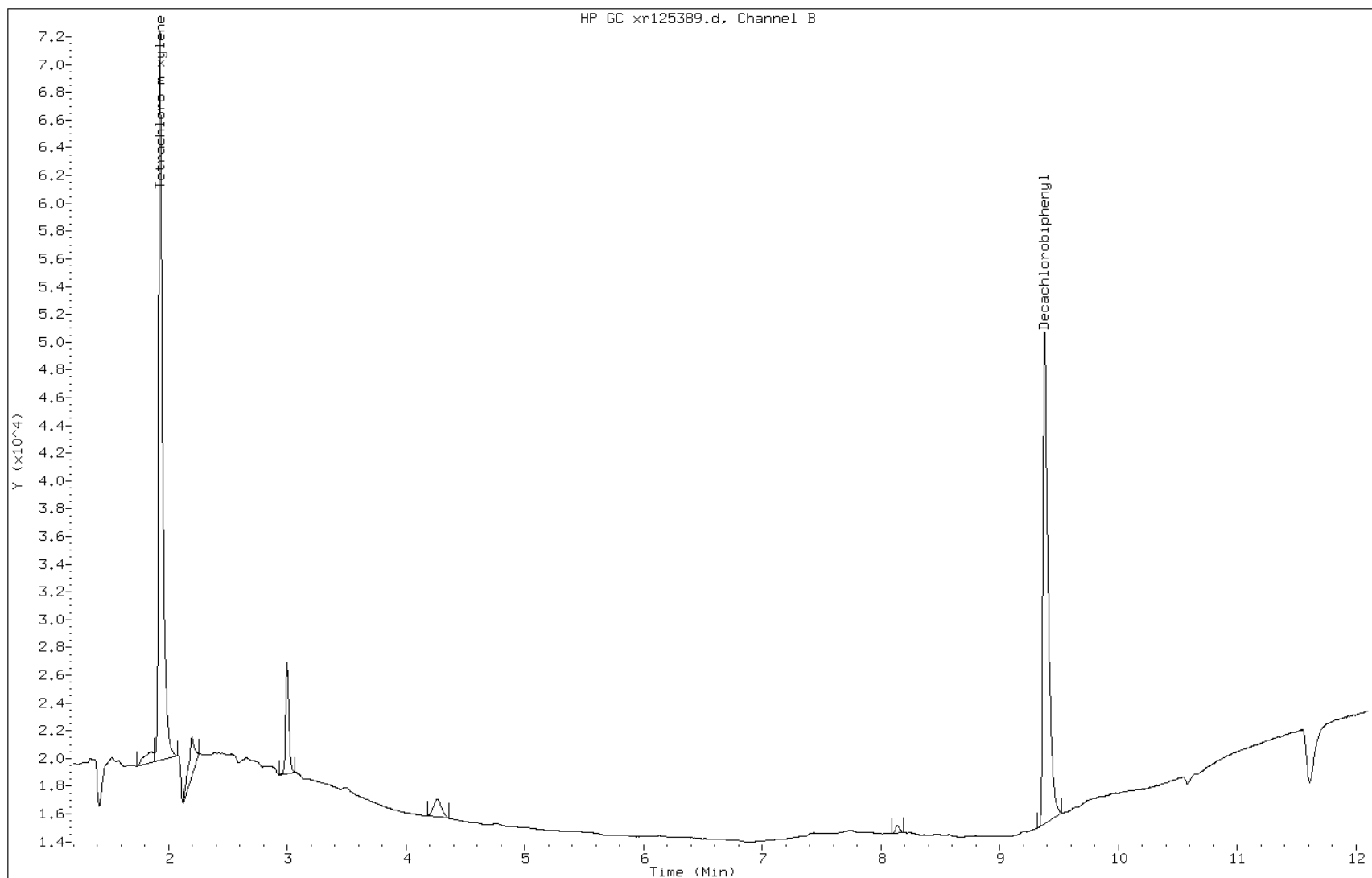
Date: 13-OCT-2011 08:42

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89324/31
 Matrix: Solid Lab File ID: xf125407.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/13/2011 12:50
 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.: 89324 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	119		53-150
877-09-8	Tetrachloro-m-xylene	121		40-150

Data File: xf125407.d
Report Date: 14-Oct-2011 06:30

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125407.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 13-OCT-2011 12:50
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.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									
2.593	2.593	0.000	74385	24.1244	16	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.750	10.750	0.000	49244	23.7979	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125407.d

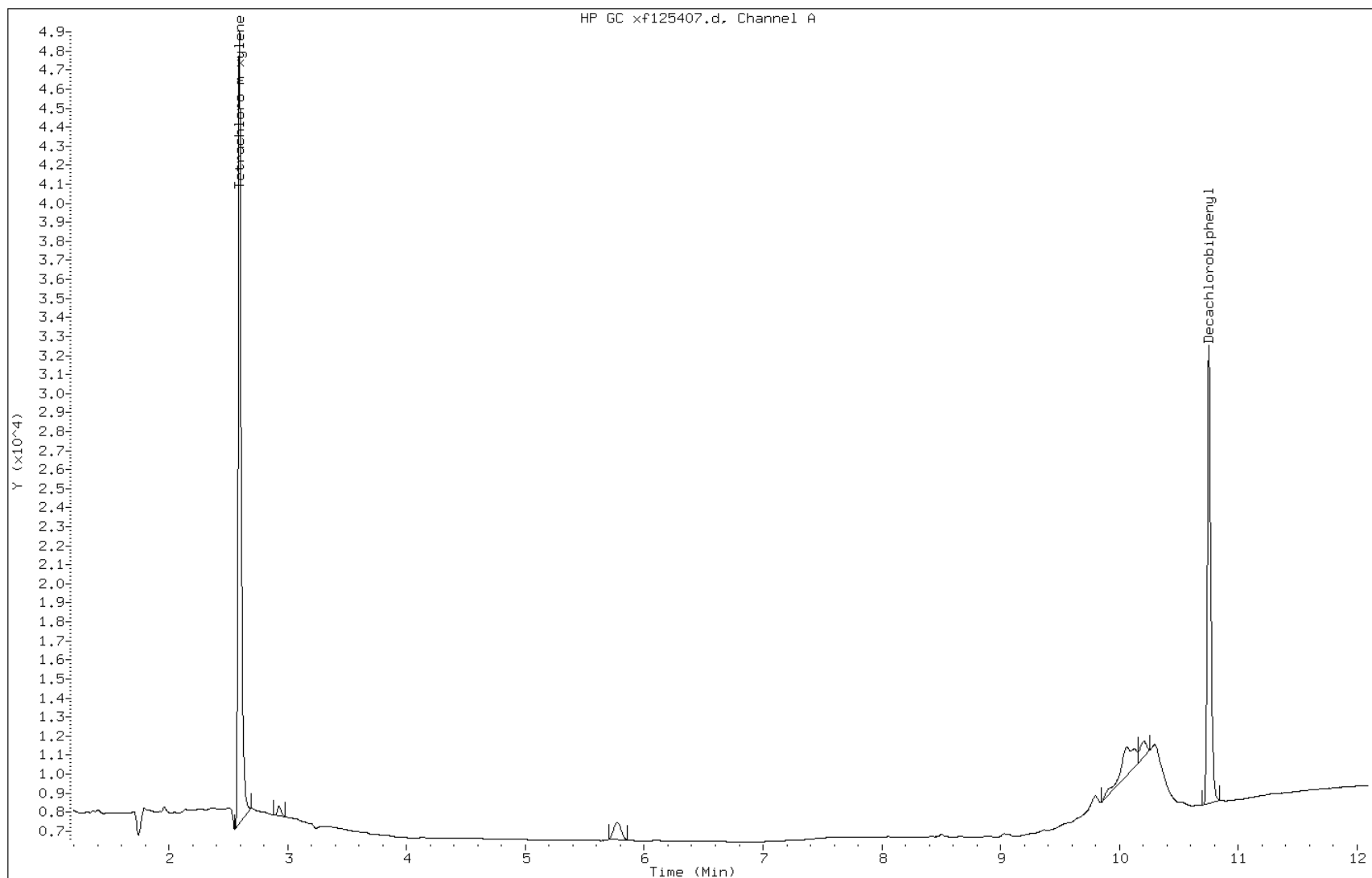
Date: 13-OCT-2011 12:50

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-89324/31
 Matrix: Solid Lab File ID: xr125407.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/13/2011 12:50
 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.: 89324 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	117		53-150
877-09-8	Tetrachloro-m-xylene	125		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125407.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 13-OCT-2011 12:50
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.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									
1.927	1.927	0.000	146739	25.0670	17	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.377	9.377	0.000	105203	23.4255	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xr125407.d

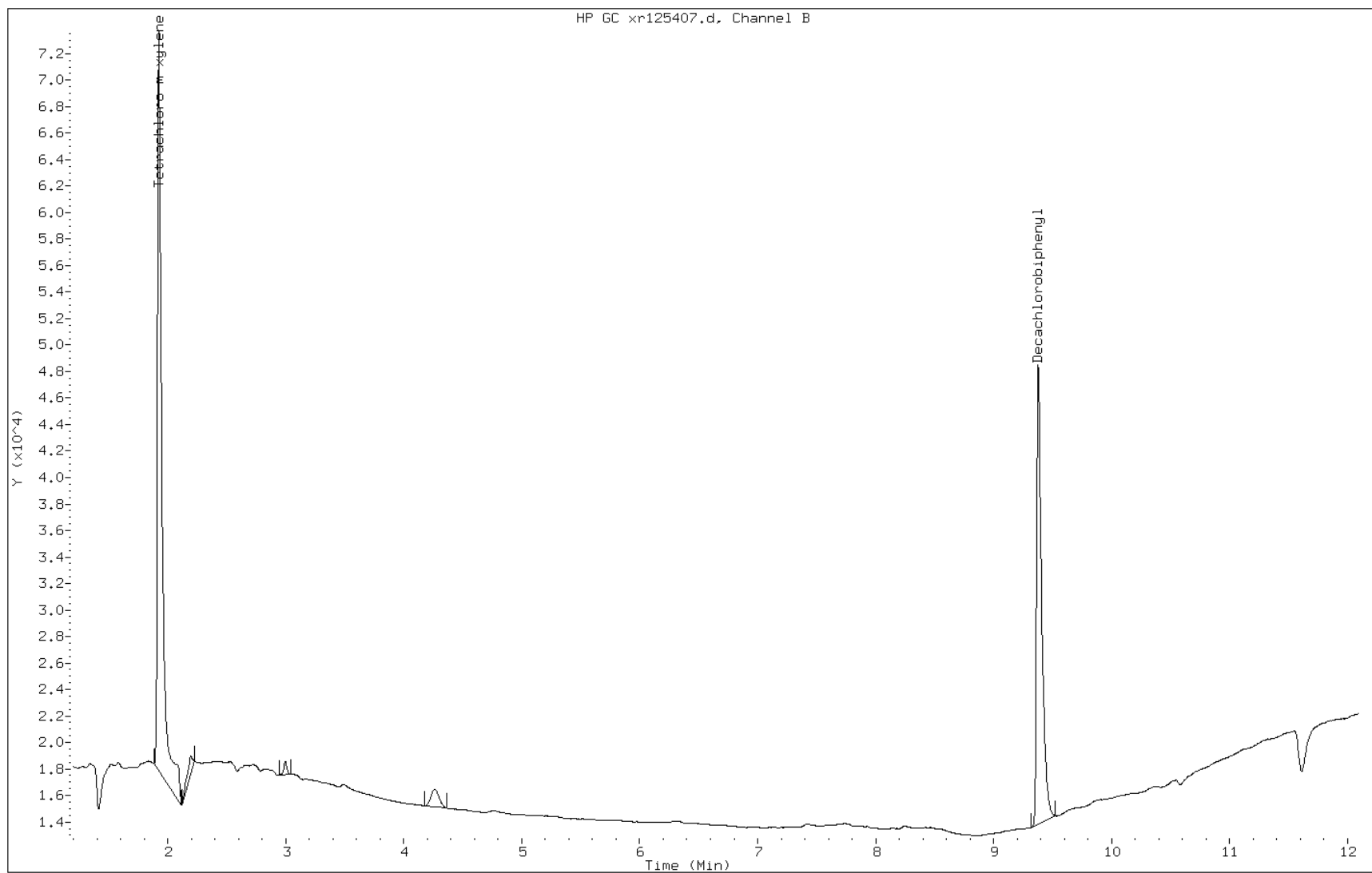
Date: 13-OCT-2011 12:50

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89001/2-A

Matrix: Solid Lab File ID: xf125361.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 10/11/2011 03:47

Sample wt/vol: 15.00(g) Date Analyzed: 10/12/2011 08:53

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.: 89301 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	128		6.7	1.2
319-85-7	beta-BHC	126		6.7	0.91
319-86-8	delta-BHC	137		6.7	1.0
58-89-9	gamma-BHC (Lindane)	132		6.7	0.78
76-44-8	Heptachlor	130		6.7	0.96
309-00-2	Aldrin	137		6.7	1.5
1024-57-3	Heptachlor epoxide	131		6.7	1.4
959-98-8	Endosulfan I	131		6.7	1.4
60-57-1	Dieldrin	135		6.7	1.3
72-55-9	4,4'-DDE	135		6.7	1.3
72-20-8	Endrin	144		6.7	0.94
33213-65-9	Endosulfan II	141		6.7	1.0
72-54-8	4,4'-DDD	137		6.7	0.80
1031-07-8	Endosulfan sulfate	138		6.7	0.86
50-29-3	4,4'-DDT	141		6.7	0.84
72-43-5	Methoxychlor	136		6.7	0.75
53494-70-5	Endrin ketone	135		6.7	0.99
7421-93-4	Endrin aldehyde	123		6.7	1.7
5103-71-9	alpha-Chlordane	129		6.7	1.4
5103-74-2	gamma-Chlordane	132		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	153	X	53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

Data File: xf125361.d
Report Date: 13-Oct-2011 06:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125361.d
Lab Smp Id: lcs 460-89001/2-
Inj Date : 12-OCT-2011 08:53
Operator :
Smp Info : lcs 460-89001/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: BS
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									
2.593	2.590	0.003	156087	50.6222	34	80.00-	120.00	100.00	

2 alpha-BHC									
CAS #: 319-84-6									
3.177	3.177	0.000	812390	191.921	130	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.673	3.673	0.000	844694	197.935	130	80.00-	120.00	100.00	

3 beta-BHC									
CAS #: 319-85-7									
3.830	3.827	0.003	401437	189.673	130	80.00-	120.00	100.00	

4 delta-BHC									
CAS #: 319-86-8									
4.603	4.603	0.000	886765	204.964	140	80.00-	120.00	100.00	

Data File: xf125361.d
Report Date: 13-Oct-2011 06:28

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor			CAS #:			76-44-8		
4.810	4.810	0.000	841741	195.065	130	80.00- 120.00	100.00	

1 Aldrin			CAS #:			309-00-2		
5.713	5.717	-0.004	882410	205.233	140	80.00- 120.00	100.00	

18 Heptachlor epoxide			CAS #:			1024-57-3		
7.143	7.147	-0.004	744001	197.224	130	80.00- 120.00	100.00	

65 gamma-Chlordane			CAS #:			5103-74-2		
7.453	7.453	0.000	711812	197.809	130	80.00- 120.00	100.00	

66 alpha-Chlordane			CAS #:			5103-71-9		
7.647	7.647	0.000	633691	194.075	130	80.00- 120.00	100.00	

8 4,4'-DDE			CAS #:			72-55-9		
7.820	7.820	0.000	627744	202.897	140	80.00- 120.00	100.00	

11 Endosulfan I			CAS #:			959-98-8		
7.727	7.727	0.000	612385	196.106	130	80.00- 120.00	100.00	

10 Dieldrin			CAS #:			60-57-1		
8.047	8.047	0.000	657971	202.594	140	80.00- 120.00	100.00	

14 Endrin			CAS #:			72-20-8		
8.413	8.413	0.000	577623	216.164	140	80.00- 120.00	100.00	

7 4,4'-DDD			CAS #:			72-54-8		
8.500	8.500	0.000	543861	205.099	140	80.00- 120.00	100.00	

12 Endosulfan II			CAS #:			33213-65-9		
8.660	8.663	-0.003	595389	211.034	140	80.00- 120.00	100.00	

9 4,4'-DDT			CAS #:			50-29-3		
8.880	8.880	0.000	535985	210.889	140	80.00- 120.00	100.00	

15 Endrin aldehyde			CAS #:			7421-93-4		
9.063	9.063	0.000	417461	184.900	120	80.00- 120.00	100.00	

19 Methoxychlor			CAS #:			72-43-5		
9.570	9.570	0.000	251839	203.520	140	80.00- 120.00	100.00	

13 Endosulfan sulfate			CAS #:			1031-07-8		
9.363	9.363	0.000	473211	206.546	140	80.00- 120.00	100.00	

16 Endrin ketone			CAS #:			53494-70-5		
9.800	9.800	0.000	502606	203.090	140	80.00- 120.00	100.00	

Data File: xf125361.d
Report Date: 13-Oct-2011 06:28

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl									
CAS #: 2051-24-3									
10.750	10.750	0.000		157935	76.3244	51	80.00- 120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125361.d

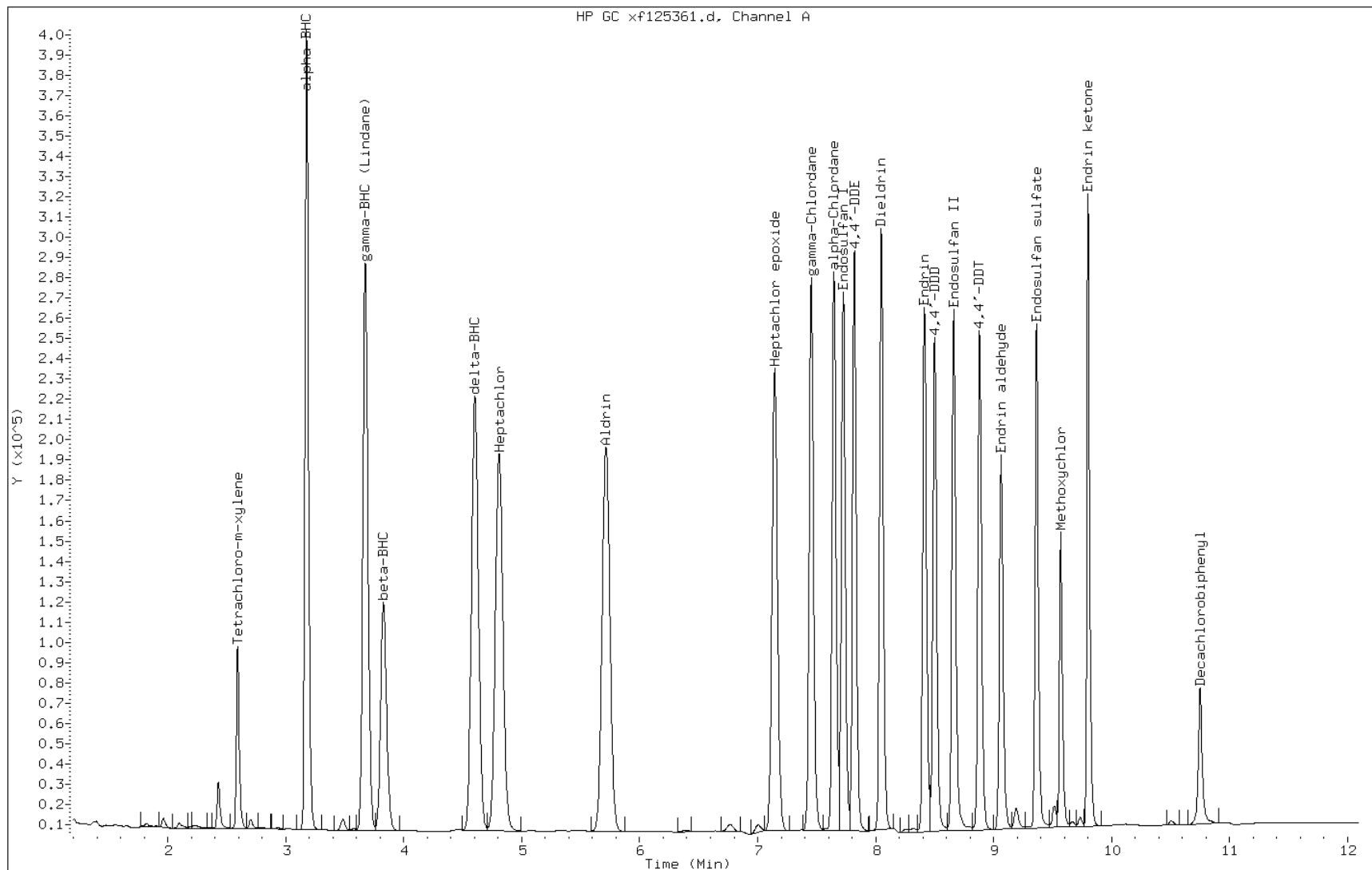
Date: 12-OCT-2011 08:53

Client ID:

Instrument: PESTGC1.i

Sample Info: lcs 460-89001/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89001/2-A

Matrix: Solid Lab File ID: xr125361.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 10/11/2011 03:47

Sample wt/vol: 15.00(g) Date Analyzed: 10/12/2011 08:53

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.: 89301 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	118		6.7	1.2
319-85-7	beta-BHC	129		6.7	0.91
319-86-8	delta-BHC	122		6.7	1.0
58-89-9	gamma-BHC (Lindane)	118		6.7	0.78
76-44-8	Heptachlor	125		6.7	0.96
309-00-2	Aldrin	123		6.7	1.5
1024-57-3	Heptachlor epoxide	135		6.7	1.4
959-98-8	Endosulfan I	136		6.7	1.4
60-57-1	Dieldrin	144		6.7	1.3
72-55-9	4,4'-DDE	137		6.7	1.3
72-20-8	Endrin	148		6.7	0.94
33213-65-9	Endosulfan II	141		6.7	1.0
72-54-8	4,4'-DDD	143		6.7	0.80
1031-07-8	Endosulfan sulfate	126		6.7	0.86
50-29-3	4,4'-DDT	144		6.7	0.84
72-43-5	Methoxychlor	128		6.7	0.75
53494-70-5	Endrin ketone	137		6.7	0.99
7421-93-4	Endrin aldehyde	124		6.7	1.7
5103-71-9	alpha-Chlordane	110		6.7	1.4
5103-74-2	gamma-Chlordane	136		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125361.d
Lab Smp Id: lcs 460-89001/2-
Inj Date : 12-OCT-2011 08:53
Operator :
Smp Info : lcs 460-89001/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.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							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.923	1.923	0.000	295086	50.4086	34	80.00- 120.00	100.00		

2 alpha-BHC CAS #: 319-84-6									
2.310	2.310	0.000	1383998	176.481	120	80.00- 120.00	100.00		

5 gamma-BHC (Lindane) CAS #: 58-89-9									
2.533	2.533	0.000	1151567	176.758	120	80.00- 120.00	100.00		

3 beta-BHC CAS #: 319-85-7									
2.597	2.593	0.004	717996	192.837	130	80.00- 120.00	100.00		

4 delta-BHC CAS #: 319-86-8									
2.723	2.723	0.000	1271510	182.709	120	80.00- 120.00	100.00		

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor					CAS #: 76-44-8		
2.890	2.890	0.000	1330418	187.294	120	80.00- 120.00	100.00	
1	Aldrin					CAS #: 309-00-2		
3.157	3.153	0.004	1250848	184.990	120	80.00- 120.00	100.00	
18	Heptachlor epoxide					CAS #: 1024-57-3		
4.013	4.010	0.003	1423665	202.422	130	80.00- 120.00	100.00	
65	gamma-Chlordane					CAS #: 5103-74-2		
4.303	4.303	0.000	1468527	203.938	140	80.00- 120.00	100.00	
66	alpha-Chlordane					CAS #: 5103-71-9		
4.610	4.613	-0.003	1144709	165.007	110	80.00- 120.00	100.00	
8	4,4'-DDE					CAS #: 72-55-9		
4.823	4.823	0.000	1283265	206.163	140	80.00- 120.00	100.00	
11	Endosulfan I					CAS #: 959-98-8		
4.930	4.930	0.000	1381011	204.611	140	80.00- 120.00	100.00	
10	Dieldrin					CAS #: 60-57-1		
5.527	5.523	0.004	1452227	215.654	140	80.00- 120.00	100.00	
14	Endrin					CAS #: 72-20-8		
6.117	6.117	0.000	1283283	221.263	150	80.00- 120.00	100.00	
7	4,4'-DDD					CAS #: 72-54-8		
6.313	6.313	0.000	1142009	214.647	140	80.00- 120.00	100.00	
12	Endosulfan II					CAS #: 33213-65-9		
6.650	6.650	0.000	1266462	212.082	140	80.00- 120.00	100.00	
9	4,4'-DDT					CAS #: 50-29-3		
6.963	6.963	0.000	1210280	215.500	140	80.00- 120.00	100.00	
15	Endrin aldehyde					CAS #: 7421-93-4		
7.427	7.427	0.000	853339	185.367	120	80.00- 120.00	100.00	
19	Methoxychlor					CAS #: 72-43-5		
7.683	7.687	-0.004	545798	191.283	130	80.00- 120.00	100.00	
13	Endosulfan sulfate					CAS #: 1031-07-8		
7.930	7.930	0.000	885386	189.245	130	80.00- 120.00	100.00	
16	Endrin ketone					CAS #: 53494-70-5		
8.243	8.243	0.000	1105850	205.479	140	80.00- 120.00	100.00	

Data File: xr125361.d
Report Date: 13-Oct-2011 06:28

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									
9.377	9.377	0.000		239690	53.3714	36	80.00- 120.00	100.00	

Data File: xr125361.d

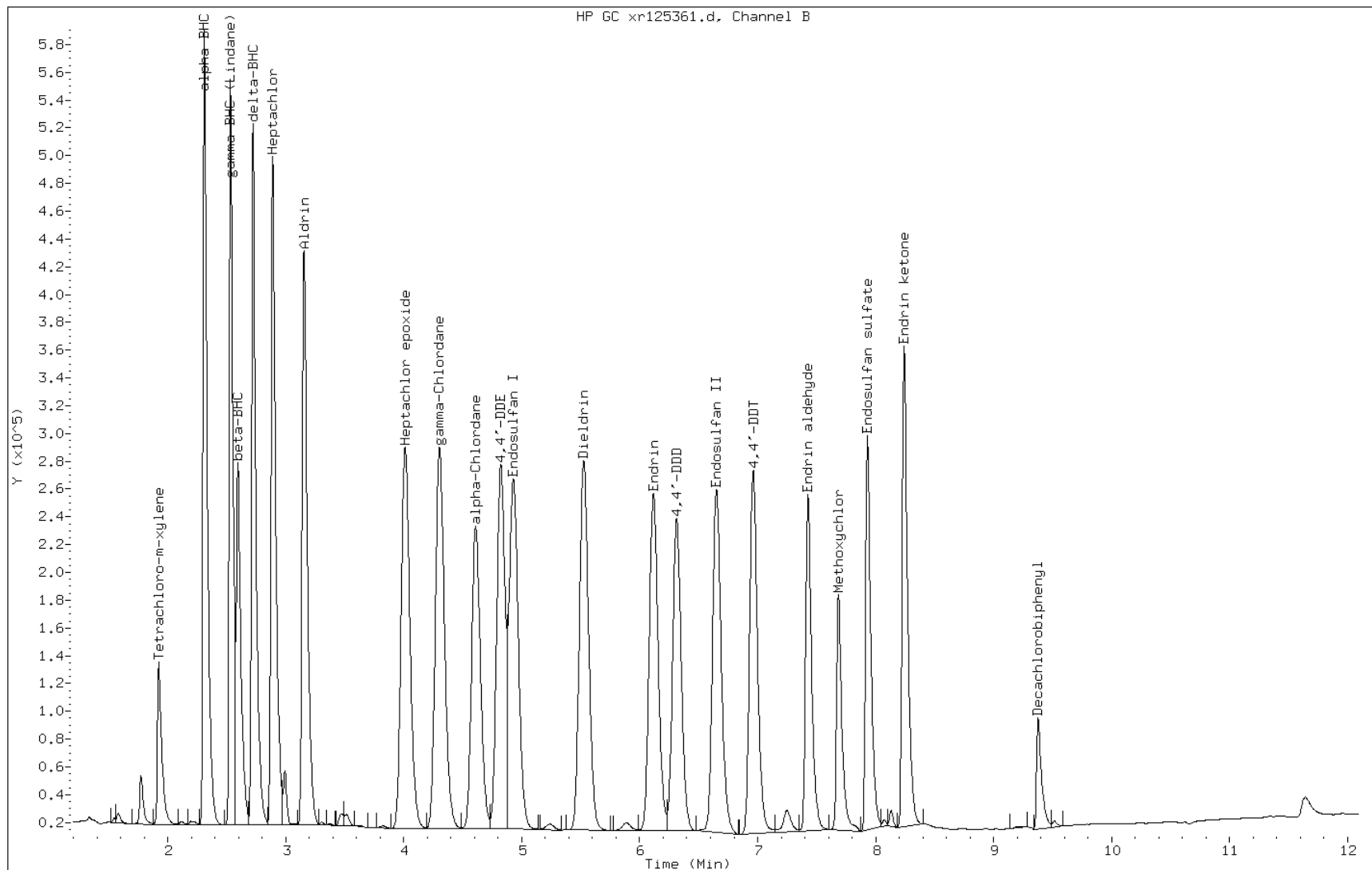
Date: 12-OCT-2011 08:53

Client ID:

Instrument: PESTGC1.i

Sample Info: lcs 460-89001/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89299/2-A

Matrix: Solid Lab File ID: xf125392.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 10/13/2011 03:19

Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:24

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.: 89324 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	122		6.7	1.2
319-85-7	beta-BHC	122		6.7	0.91
319-86-8	delta-BHC	124		6.7	1.0
58-89-9	gamma-BHC (Lindane)	125		6.7	0.78
76-44-8	Heptachlor	126		6.7	0.96
309-00-2	Aldrin	128		6.7	1.5
1024-57-3	Heptachlor epoxide	122		6.7	1.4
959-98-8	Endosulfan I	119		6.7	1.4
60-57-1	Dieldrin	122		6.7	1.3
72-55-9	4,4'-DDE	125		6.7	1.3
72-20-8	Endrin	113		6.7	0.94
33213-65-9	Endosulfan II	118		6.7	1.0
72-54-8	4,4'-DDD	122		6.7	0.80
1031-07-8	Endosulfan sulfate	110		6.7	0.86
50-29-3	4,4'-DDT	123		6.7	0.84
72-43-5	Methoxychlor	111		6.7	0.75
53494-70-5	Endrin ketone	112		6.7	0.99
7421-93-4	Endrin aldehyde	112		6.7	1.7
5103-71-9	alpha-Chlordane	119		6.7	1.4
5103-74-2	gamma-Chlordane	121		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150
877-09-8	Tetrachloro-m-xylene	94		40-150

Data File: xf125392.d
Report Date: 14-Oct-2011 06:25

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125392.d
Lab Smp Id: LCS 460-89299/2-A
Inj Date : 13-OCT-2011 09:24
Operator :
Smp Info : LCS 460-89299/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: BS
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	RT	RESPONSE	ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.593	2.593	0.000		145659	47.2399	CAS #: 31	877-09-8 80.00- 120.00	100.00

2 alpha-BHC								
3.177	3.177	0.000		772203	182.427	CAS #: 120	319-84-6 80.00- 120.00	100.00

5 gamma-BHC (Lindane)								
3.677	3.673	0.004		799460	187.335	CAS #: 120	58-89-9 80.00- 120.00	100.00

3 beta-BHC								
3.830	3.830	0.000		386245	182.494	CAS #: 120	319-85-7 80.00- 120.00	100.00

4 delta-BHC								
4.607	4.607	0.000		802257	185.431	CAS #: 120	319-86-8 80.00- 120.00	100.00

Data File: xf125392.d
Report Date: 14-Oct-2011 06:25

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
4.813	4.813	0.000			817250	189.390	130	80.00- 120.00	100.00
1	Aldrin						CAS #: 309-00-2		
5.717	5.717	0.000			823605	191.556	130	80.00- 120.00	100.00
18	Heptachlor epoxide						CAS #: 1024-57-3		
7.147	7.147	0.000			688509	182.513	120	80.00- 120.00	100.00
65	gamma-Chlordane						CAS #: 5103-74-2		
7.457	7.457	0.000			652453	181.313	120	80.00- 120.00	100.00
66	alpha-Chlordane						CAS #: 5103-71-9		
7.647	7.650	-0.003			580420	177.760	120	80.00- 120.00	100.00
8	4,4'-DDE						CAS #: 72-55-9		
7.820	7.823	-0.003			581017	187.794	120	80.00- 120.00	100.00
11	Endosulfan I						CAS #: 959-98-8		
7.727	7.727	0.000			557377	178.490	120	80.00- 120.00	100.00
10	Dieldrin						CAS #: 60-57-1		
8.050	8.050	0.000			596313	183.609	120	80.00- 120.00	100.00
14	Endrin						CAS #: 72-20-8		
8.413	8.417	-0.004			451302	168.890	110	80.00- 120.00	100.00
7	4,4'-DDD						CAS #: 72-54-8		
8.503	8.503	0.000			483361	182.284	120	80.00- 120.00	100.00
12	Endosulfan II						CAS #: 33213-65-9		
8.663	8.663	0.000			500172	177.284	120	80.00- 120.00	100.00
9	4,4'-DDT						CAS #: 50-29-3		
8.883	8.883	0.000			470626	185.173	120	80.00- 120.00	100.00
15	Endrin aldehyde						CAS #: 7421-93-4		
9.063	9.067	-0.004			380594	168.571	110	80.00- 120.00	100.00
19	Methoxychlor						CAS #: 72-43-5		
9.570	9.570	0.000			205593	166.146	110	80.00- 120.00	100.00
13	Endosulfan sulfate						CAS #: 1031-07-8		
9.363	9.363	0.000			376858	164.490	110	80.00- 120.00	100.00
16	Endrin ketone						CAS #: 53494-70-5		
9.800	9.803	-0.003			417592	168.738	110	80.00- 120.00	100.00

Data File: xf125392.d
 Report Date: 14-Oct-2011 06:25

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.750	10.750	0.000	106577	51.5046	34	80.00- 120.00	100.00

Data File: xf125392.d

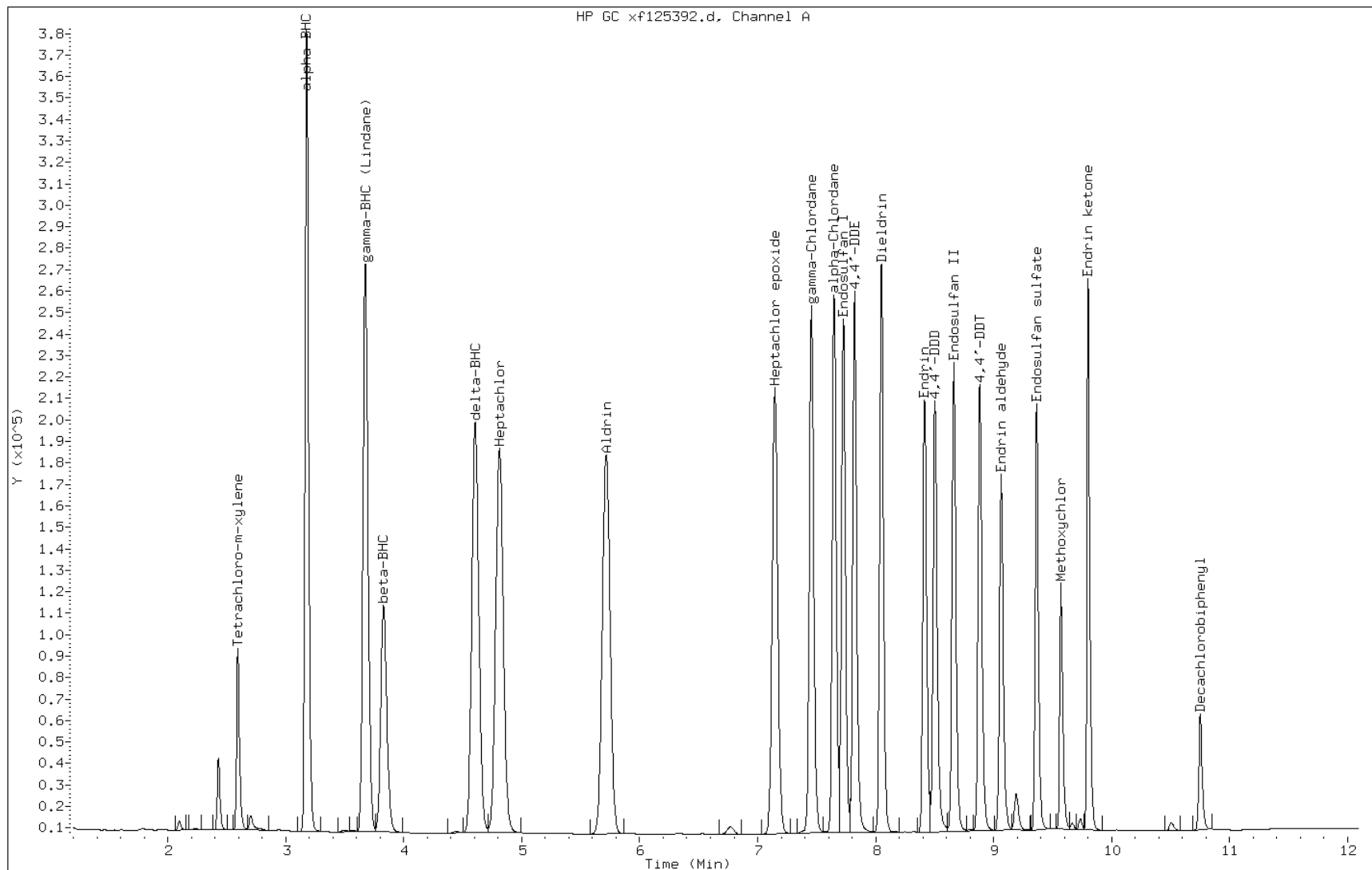
Date: 13-OCT-2011 09:24

Client ID:

Instrument: PESTGC1.i

Sample Info: LCS 460-89299/2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-89299/2-A

Matrix: Solid Lab File ID: xr125392.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 10/13/2011 03:19

Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:24

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.: 89324 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	119		6.7	1.2
319-85-7	beta-BHC	123		6.7	0.91
319-86-8	delta-BHC	118		6.7	1.0
58-89-9	gamma-BHC (Lindane)	118		6.7	0.78
76-44-8	Heptachlor	121		6.7	0.96
309-00-2	Aldrin	126		6.7	1.5
1024-57-3	Heptachlor epoxide	126		6.7	1.4
959-98-8	Endosulfan I	128		6.7	1.4
60-57-1	Dieldrin	127		6.7	1.3
72-55-9	4,4'-DDE	121		6.7	1.3
72-20-8	Endrin	118		6.7	0.94
33213-65-9	Endosulfan II	122		6.7	1.0
72-54-8	4,4'-DDD	125		6.7	0.80
1031-07-8	Endosulfan sulfate	110		6.7	0.86
50-29-3	4,4'-DDT	126		6.7	0.84
72-43-5	Methoxychlor	116		6.7	0.75
53494-70-5	Endrin ketone	115		6.7	0.99
7421-93-4	Endrin aldehyde	113		6.7	1.7
5103-71-9	alpha-Chlordane	124		6.7	1.4
5103-74-2	gamma-Chlordane	126		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150
877-09-8	Tetrachloro-m-xylene	99		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125392.d
Lab Smp Id: LCS 460-89299/2-A
Inj Date : 13-OCT-2011 09:24
Operator :
Smp Info : LCS 460-89299/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.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		RESPONSE	(ug/L)	FINAL	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene				CAS #: 877-09-8				
1.927	1.927	0.000		289755	49.4979	33	80.00- 120.00	100.00

2 alpha-BHC				CAS #: 319-84-6				
2.313	2.313	0.000		1397272	178.173	120	80.00- 120.00	100.00

5 gamma-BHC (Lindane)				CAS #: 58-89-9				
2.533	2.533	0.000		1157207	177.623	120	80.00- 120.00	100.00

3 beta-BHC				CAS #: 319-85-7				
2.597	2.597	0.000		685782	184.185	120	80.00- 120.00	100.00

4 delta-BHC				CAS #: 319-86-8				
2.723	2.723	0.000		1232973	177.172	120	80.00- 120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
2.890	2.890	0.000			1293586	182.109	120	80.00- 120.00	100.00

1	Aldrin						CAS #: 309-00-2		
3.157	3.157	0.000			1276237	188.744	120	80.00- 120.00	100.00

18	Heptachlor epoxide						CAS #: 1024-57-3		
4.013	4.013	0.000			1324791	188.364	120	80.00- 120.00	100.00

65	gamma-Chlordane						CAS #: 5103-74-2		
4.307	4.303	0.004			1358802	188.700	120	80.00- 120.00	100.00

66	alpha-Chlordane						CAS #: 5103-71-9		
4.617	4.617	0.000			1295419	186.732	120	80.00- 120.00	100.00

8	4,4'-DDE						CAS #: 72-55-9		
4.827	4.823	0.004			1133627	182.123	120	80.00- 120.00	100.00

11	Endosulfan I						CAS #: 959-98-8		
4.933	4.933	0.000			1297905	192.298	130	80.00- 120.00	100.00

10	Dieldrin						CAS #: 60-57-1		
5.527	5.527	0.000			1281769	190.341	130	80.00- 120.00	100.00

14	Endrin						CAS #: 72-20-8		
6.117	6.117	0.000			1025414	176.801	120	80.00- 120.00	100.00

7	4,4'-DDD						CAS #: 72-54-8		
6.317	6.317	0.000			1000699	188.087	120	80.00- 120.00	100.00

12	Endosulfan II						CAS #: 33213-65-9		
6.653	6.653	0.000			1088803	182.331	120	80.00- 120.00	100.00

9	4,4'-DDT						CAS #: 50-29-3		
6.963	6.963	0.000			1060935	188.908	120	80.00- 120.00	100.00

15	Endrin aldehyde						CAS #: 7421-93-4		
7.427	7.430	-0.003			781412	169.742	110	80.00- 120.00	100.00

19	Methoxychlor						CAS #: 72-43-5		
7.690	7.690	0.000			496520	174.012	120	80.00- 120.00	100.00

13	Endosulfan sulfate						CAS #: 1031-07-8		
7.930	7.933	-0.003			771715	164.949	110	80.00- 120.00	100.00

16	Endrin ketone						CAS #: 53494-70-5		
8.243	8.243	0.000			925709	172.007	110	80.00- 120.00	100.00

Data File: xr125392.d
Report Date: 14-Oct-2011 06:25

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									
9.377	9.377	0.000		241530	53.7809	36	80.00- 120.00	100.00	

Data File: xr125392.d

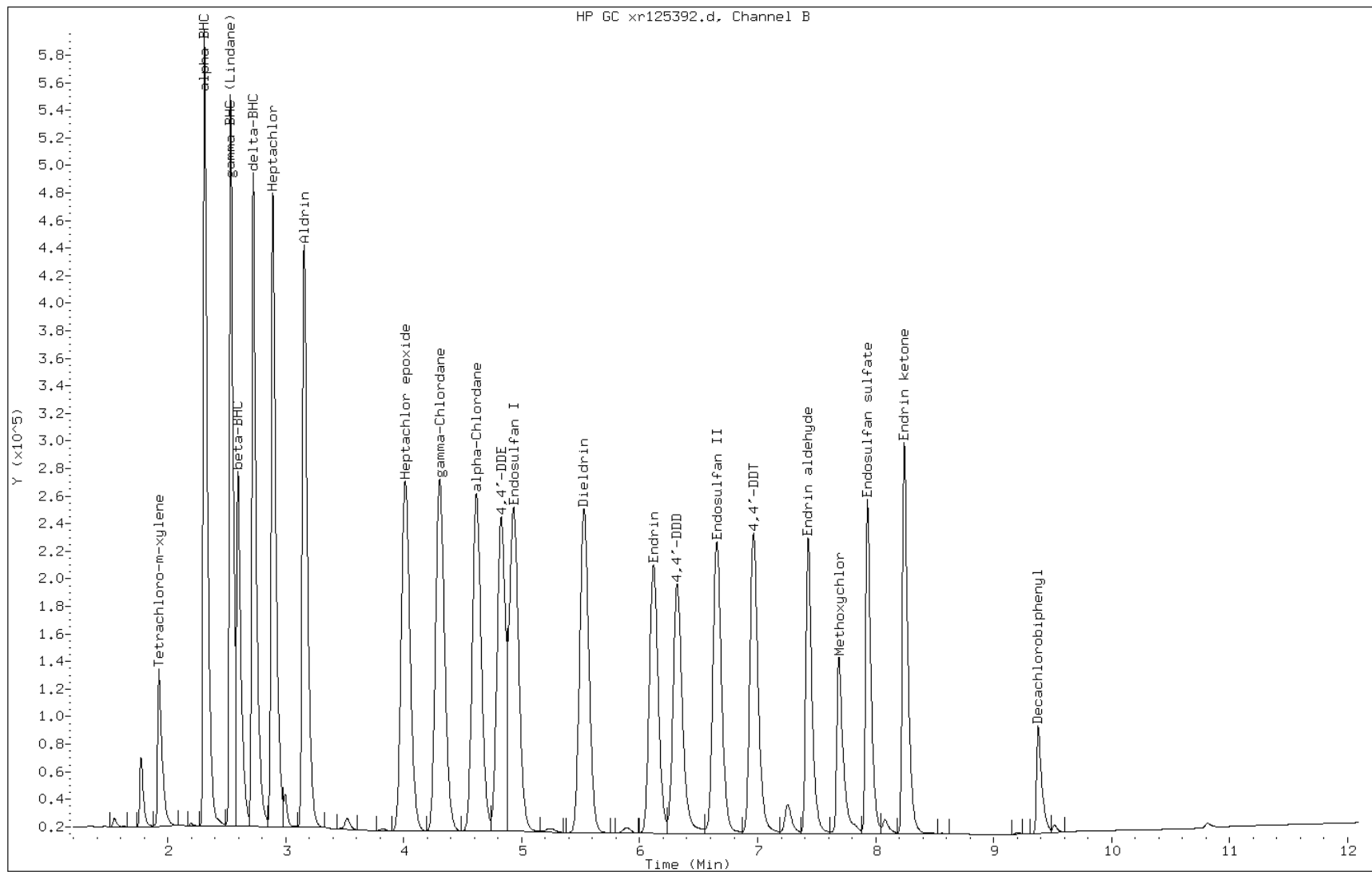
Date: 13-OCT-2011 09:24

Client ID:

Instrument: PESTGC1.i

Sample Info: LCS 460-89299/2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138 MS</u>	Lab Sample ID: <u>460-32128-13 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125362.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/04/2011 12:30</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/11/2011 03:47</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/12/2011 09:06</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>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89301</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	127		6.7	1.2
319-85-7	beta-BHC	126		6.7	0.91
319-86-8	delta-BHC	137		6.7	1.0
58-89-9	gamma-BHC (Lindane)	131		6.7	0.78
76-44-8	Heptachlor	131		6.7	0.96
309-00-2	Aldrin	130		6.7	1.5
1024-57-3	Heptachlor epoxide	134		6.7	1.3
959-98-8	Endosulfan I	132		6.7	1.4
60-57-1	Dieldrin	137		6.7	1.3
72-55-9	4,4'-DDE	137		6.7	1.3
72-20-8	Endrin	146		6.7	0.94
33213-65-9	Endosulfan II	136		6.7	1.0
72-54-8	4,4'-DDD	137		6.7	0.80
1031-07-8	Endosulfan sulfate	134		6.7	0.86
50-29-3	4,4'-DDT	143		6.7	0.84
72-43-5	Methoxychlor	138		6.7	0.75
53494-70-5	Endrin ketone	144		6.7	0.99
7421-93-4	Endrin aldehyde	120		6.7	1.7
5103-71-9	alpha-Chlordane	130		6.7	1.4
5103-74-2	gamma-Chlordane	134		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	145		53-150
877-09-8	Tetrachloro-m-xylene	99		40-150

Data File: xf125362.d
Report Date: 13-Oct-2011 06:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125362.d
Lab Smp Id: 460-32128-d-13-g
Inj Date : 12-OCT-2011 09:06
Operator :
Smp Info : 460-32128-d-13-g
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MS
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		RESPONSE	ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.593	2.590	0.003		153277	49.7109	CAS #: 33	877-09-8 80.00- 120.00	100.00

2 alpha-BHC								
3.177	3.177	0.000		804981	190.171	CAS #: 130	319-84-6 80.00- 120.00	100.00

5 gamma-BHC (Lindane)								
3.673	3.673	0.000		838549	196.495	CAS #: 130	58-89-9 80.00- 120.00	100.00

3 beta-BHC								
3.827	3.827	0.000		400547	189.252	CAS #: 130	319-85-7 80.00- 120.00	100.00

4 delta-BHC								
4.603	4.603	0.000		889590	205.617	CAS #: 140	319-86-8 80.00- 120.00	100.00

Data File: xf125362.d
Report Date: 13-Oct-2011 06:28

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
4.807	4.810	-0.003	845933	196.037	130	80.00-	120.00	100.00	
1	Aldrin						CAS #: 309-00-2		
5.713	5.717	-0.004	840245	195.426	130	80.00-	120.00	100.00	
18	Heptachlor epoxide						CAS #: 1024-57-3		
7.143	7.147	-0.004	757702	200.855	130	80.00-	120.00	100.00	
65	gamma-Chlordane						CAS #: 5103-74-2		
7.453	7.453	0.000	722217	200.700	130	80.00-	120.00	100.00	
66	alpha-Chlordane						CAS #: 5103-71-9		
7.647	7.647	0.000	639749	195.930	130	80.00-	120.00	100.00	
8	4,4'-DDE						CAS #: 72-55-9		
7.820	7.820	0.000	635600	205.437	140	80.00-	120.00	100.00	
11	Endosulfan I						CAS #: 959-98-8		
7.727	7.727	0.000	619347	198.335	130	80.00-	120.00	100.00	
10	Dieldrin						CAS #: 60-57-1		
8.047	8.047	0.000	668222	205.750	140	80.00-	120.00	100.00	
14	Endrin						CAS #: 72-20-8		
8.413	8.413	0.000	586323	219.419	150	80.00-	120.00	100.00	
7	4,4'-DDD						CAS #: 72-54-8		
8.500	8.500	0.000	547513	206.477	140	80.00-	120.00	100.00	
12	Endosulfan II						CAS #: 33213-65-9		
8.660	8.663	-0.003	576101	204.197	140	80.00-	120.00	100.00	
9	4,4'-DDT						CAS #: 50-29-3		
8.880	8.880	0.000	547137	215.277	140	80.00-	120.00	100.00	
15	Endrin aldehyde						CAS #: 7421-93-4		
9.063	9.063	0.000	406735	180.149	120	80.00-	120.00	100.00	
19	Methoxychlor						CAS #: 72-43-5		
9.567	9.570	-0.003	256870	207.585	140	80.00-	120.00	100.00	
13	Endosulfan sulfate						CAS #: 1031-07-8		
9.363	9.363	0.000	462288	201.778	130	80.00-	120.00	100.00	
16	Endrin ketone						CAS #: 53494-70-5		
9.800	9.800	0.000	536898	216.946	140	80.00-	120.00	100.00	

Data File: xf125362.d
 Report Date: 13-Oct-2011 06:28

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.750	10.750	0.000	150109	72.5422	48	80.00- 120.00	100.00

Data File: xf125362.d

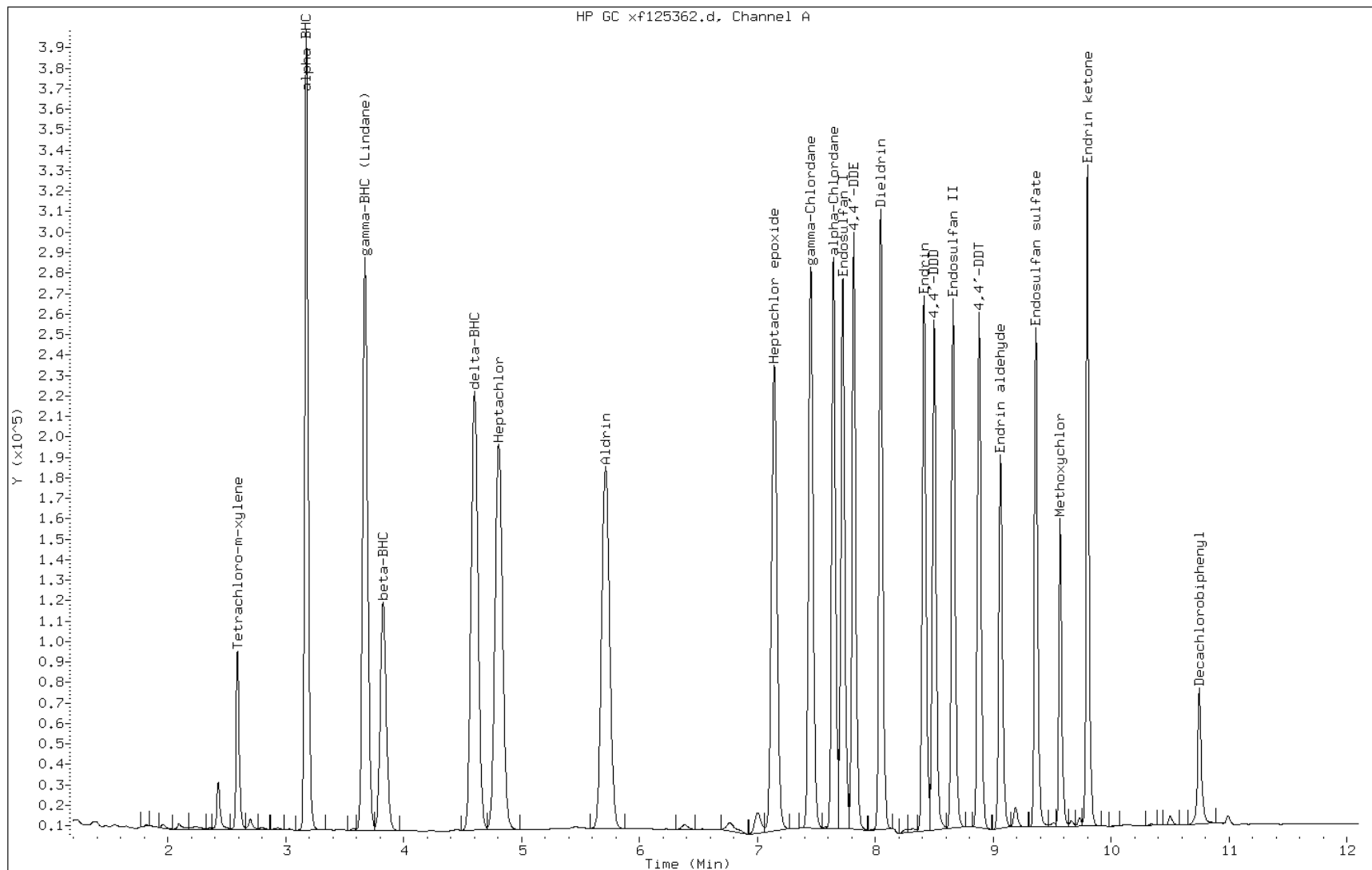
Date: 12-OCT-2011 09:06

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-g

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138 MS</u>	Lab Sample ID: <u>460-32128-13 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125362.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/04/2011 12:30</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/11/2011 03:47</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/12/2011 09:06</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>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89301</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	118		6.7	1.2
319-85-7	beta-BHC	123		6.7	0.91
319-86-8	delta-BHC	124		6.7	1.0
58-89-9	gamma-BHC (Lindane)	119		6.7	0.78
76-44-8	Heptachlor	123		6.7	0.96
309-00-2	Aldrin	125		6.7	1.5
1024-57-3	Heptachlor epoxide	136		6.7	1.3
959-98-8	Endosulfan I	138		6.7	1.4
60-57-1	Dieldrin	146		6.7	1.3
72-55-9	4,4'-DDE	138		6.7	1.3
72-20-8	Endrin	150		6.7	0.94
33213-65-9	Endosulfan II	144		6.7	1.0
72-54-8	4,4'-DDD	147		6.7	0.80
1031-07-8	Endosulfan sulfate	128		6.7	0.86
50-29-3	4,4'-DDT	146		6.7	0.84
72-43-5	Methoxychlor	131		6.7	0.75
53494-70-5	Endrin ketone	132		6.7	0.99
7421-93-4	Endrin aldehyde	125		6.7	1.7
5103-71-9	alpha-Chlordane	101		6.7	1.4
5103-74-2	gamma-Chlordane	136		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		53-150
877-09-8	Tetrachloro-m-xylene	98		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125362.d
Lab Smp Id: 460-32128-d-13-g
Inj Date : 12-OCT-2011 09:06
Operator :
Smp Info : 460-32128-d-13-g
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
QC Sample: MS
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	RESPONSE	ON-COL	FINAL	TARGET	RANGE	RATIO	
==	=====	=====	(ug/L)	(ug/kg)					
\$ 28	Tetrachloro-m-xylene					CAS #:	877-09-8		
1.923	1.923	0.000	285575	48.7839	32	80.00-	120.00	100.00	

2	alpha-BHC					CAS #:	319-84-6		
2.310	2.310	0.000	1389025	177.122	120	80.00-	120.00	100.00	

5	gamma-BHC (Lindane)					CAS #:	58-89-9		
2.533	2.533	0.000	1163043	178.519	120	80.00-	120.00	100.00	

3	beta-BHC					CAS #:	319-85-7		
2.593	2.593	0.000	688516	184.919	120	80.00-	120.00	100.00	

4	delta-BHC					CAS #:	319-86-8		
2.723	2.723	0.000	1298318	186.561	120	80.00-	120.00	100.00	

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
2.890	2.890	0.000			1316384	185.319	120	80.00- 120.00	100.00

1	Aldrin						CAS #: 309-00-2		
3.157	3.153	0.004			1268330	187.575	120	80.00- 120.00	100.00

18	Heptachlor epoxide						CAS #: 1024-57-3		
4.010	4.010	0.000			1441277	204.926	140	80.00- 120.00	100.00

65	gamma-Chlordane						CAS #: 5103-74-2		
4.303	4.303	0.000			1469227	204.035	140	80.00- 120.00	100.00

66	alpha-Chlordane						CAS #: 5103-71-9		
4.610	4.613	-0.003			1051724	151.604	100	80.00- 120.00	100.00

8	4,4'-DDE						CAS #: 72-55-9		
4.823	4.823	0.000			1288294	206.971	140	80.00- 120.00	100.00

11	Endosulfan I						CAS #: 959-98-8		
4.930	4.930	0.000			1399002	207.276	140	80.00- 120.00	100.00

10	Dieldrin						CAS #: 60-57-1		
5.527	5.523	0.004			1479731	219.738	150	80.00- 120.00	100.00

14	Endrin						CAS #: 72-20-8		
6.117	6.117	0.000			1305621	225.114	150	80.00- 120.00	100.00

7	4,4'-DDD						CAS #: 72-54-8		
6.313	6.313	0.000			1171121	220.119	150	80.00- 120.00	100.00

12	Endosulfan II						CAS #: 33213-65-9		
6.650	6.650	0.000			1287461	215.598	140	80.00- 120.00	100.00

9	4,4'-DDT						CAS #: 50-29-3		
6.960	6.963	-0.003			1230217	219.050	150	80.00- 120.00	100.00

15	Endrin aldehyde						CAS #: 7421-93-4		
7.427	7.427	0.000			863197	187.508	120	80.00- 120.00	100.00

19	Methoxychlor						CAS #: 72-43-5		
7.683	7.687	-0.004			560049	196.277	130	80.00- 120.00	100.00

13	Endosulfan sulfate						CAS #: 1031-07-8		
7.930	7.930	0.000			896991	191.726	130	80.00- 120.00	100.00

16	Endrin ketone						CAS #: 53494-70-5		
8.240	8.243	-0.003			1070871	198.980	130	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				
9.377	9.377	0.000	284886	63.4349	42 80.00- 120.00	100.00	

Data File: xr125362.d

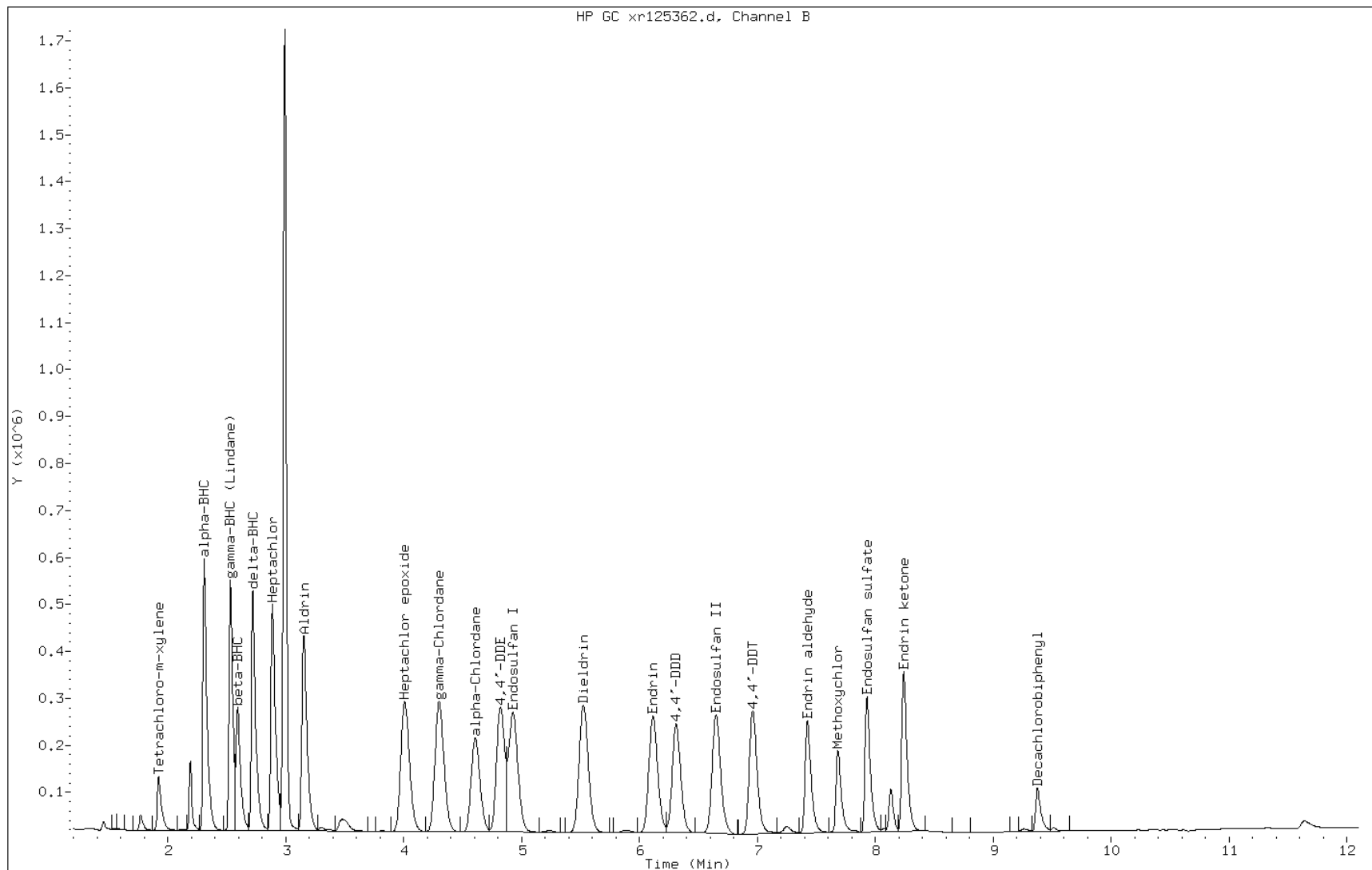
Date: 12-OCT-2011 09:06

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-g

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-C-12-F MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125393.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/29/2011 13:05</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/13/2011 03:19</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/13/2011 09:38</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>25.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89324</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	171		8.9	1.7
319-85-7	beta-BHC	170		8.9	1.2
319-86-8	delta-BHC	180		8.9	1.4
58-89-9	gamma-BHC (Lindane)	176		8.9	1.0
76-44-8	Heptachlor	177		8.9	1.3
309-00-2	Aldrin	180		8.9	2.0
1024-57-3	Heptachlor epoxide	173		8.9	1.8
959-98-8	Endosulfan I	171		8.9	1.9
60-57-1	Dieldrin	178		8.9	1.7
72-55-9	4,4'-DDE	176		8.9	1.7
72-20-8	Endrin	182		8.9	1.3
33213-65-9	Endosulfan II	175		8.9	1.3
72-54-8	4,4'-DDD	175		8.9	1.1
1031-07-8	Endosulfan sulfate	173		8.9	1.1
50-29-3	4,4'-DDT	183		8.9	1.1
72-43-5	Methoxychlor	174		8.9	1.0
53494-70-5	Endrin ketone	178		8.9	1.3
7421-93-4	Endrin aldehyde	169		8.9	2.2
5103-71-9	alpha-Chlordane	169		8.9	1.9
5103-74-2	gamma-Chlordane	174		8.9	1.8
8001-35-2	Toxaphene	89	U	89	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

Data File: xf125393.d
Report Date: 14-Oct-2011 06:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125393.d
Lab Smp Id: 460-32001-C-12-F
Inj Date : 13-OCT-2011 09:38
Operator :
Smp Info : 460-32001-C-12-F
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MS
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									
2.593	2.593	0.000	156433	50.7341	34	80.00-	120.00	100.00	

2 alpha-BHC									
CAS #: 319-84-6									
3.177	3.177	0.000	813232	192.120	130	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.677	3.673	0.004	843839	197.734	130	80.00-	120.00	100.00	

3 beta-BHC									
CAS #: 319-85-7									
3.830	3.830	0.000	404567	191.151	130	80.00-	120.00	100.00	

4 delta-BHC									
CAS #: 319-86-8									
4.603	4.607	-0.004	878490	203.051	140	80.00-	120.00	100.00	

Data File: xf125393.d
Report Date: 14-Oct-2011 06:26

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
4.810	4.813	-0.003			858022	198.838	130	80.00- 120.00	100.00
1	Aldrin						CAS #: 309-00-2		
5.717	5.717	0.000			869981	202.342	130	80.00- 120.00	100.00
18	Heptachlor epoxide						CAS #: 1024-57-3		
7.147	7.147	0.000			736116	195.133	130	80.00- 120.00	100.00
65	gamma-Chlordane						CAS #: 5103-74-2		
7.457	7.457	0.000			705882	196.161	130	80.00- 120.00	100.00
66	alpha-Chlordane						CAS #: 5103-71-9		
7.647	7.650	-0.003			622874	190.762	130	80.00- 120.00	100.00
8	4,4'-DDE						CAS #: 72-55-9		
7.820	7.823	-0.003			613739	198.371	130	80.00- 120.00	100.00
11	Endosulfan I						CAS #: 959-98-8		
7.727	7.727	0.000			602851	193.053	130	80.00- 120.00	100.00
10	Dieldrin						CAS #: 60-57-1		
8.047	8.050	-0.003			650996	200.446	130	80.00- 120.00	100.00
14	Endrin						CAS #: 72-20-8		
8.413	8.417	-0.004			547735	204.979	140	80.00- 120.00	100.00
7	4,4'-DDD						CAS #: 72-54-8		
8.500	8.503	-0.003			521428	196.639	130	80.00- 120.00	100.00
12	Endosulfan II						CAS #: 33213-65-9		
8.663	8.663	0.000			556957	197.412	130	80.00- 120.00	100.00
9	4,4'-DDT						CAS #: 50-29-3		
8.883	8.883	0.000			523812	206.100	140	80.00- 120.00	100.00
15	Endrin aldehyde						CAS #: 7421-93-4		
9.063	9.067	-0.004			429937	190.426	130	80.00- 120.00	100.00
19	Methoxychlor						CAS #: 72-43-5		
9.570	9.570	0.000			242231	195.755	130	80.00- 120.00	100.00
13	Endosulfan sulfate						CAS #: 1031-07-8		
9.363	9.363	0.000			445490	194.446	130	80.00- 120.00	100.00
16	Endrin ketone						CAS #: 53494-70-5		
9.800	9.803	-0.003			496030	200.432	130	80.00- 120.00	100.00

Data File: xf125393.d
 Report Date: 14-Oct-2011 06:26

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.750	10.750	0.000	125089	60.4508	40 80.00- 120.00	100.00	

Data File: xf125393.d

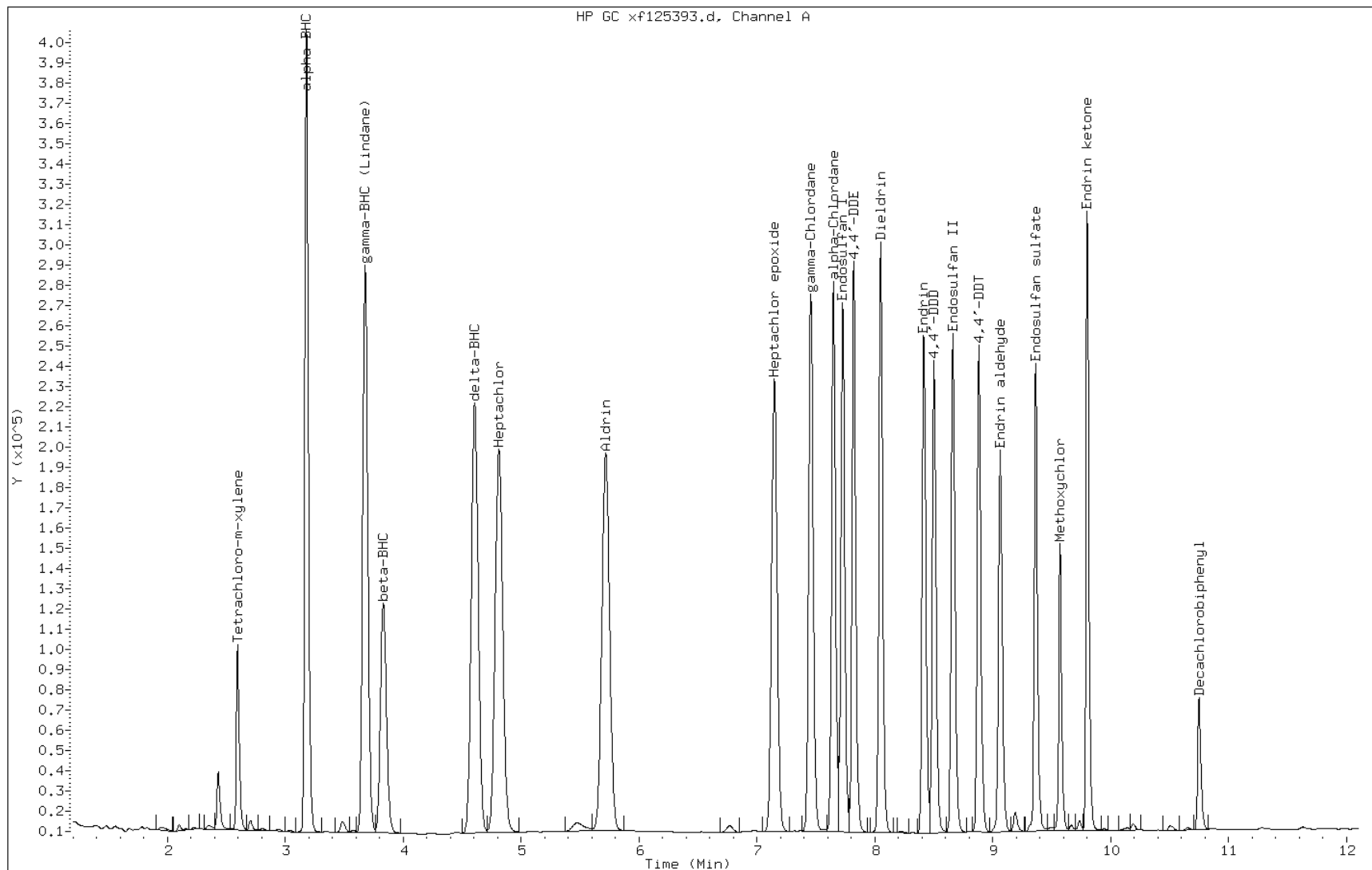
Date: 13-OCT-2011 09:38

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32001-C-12-F

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-C-12-F MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125393.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/29/2011 13:05</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/13/2011 03:19</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/13/2011 09:38</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>25.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89324</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	157		8.9	1.7
319-85-7	beta-BHC	163		8.9	1.2
319-86-8	delta-BHC	159		8.9	1.4
58-89-9	gamma-BHC (Lindane)	157		8.9	1.0
76-44-8	Heptachlor	158		8.9	1.3
309-00-2	Aldrin	161		8.9	2.0
1024-57-3	Heptachlor epoxide	172		8.9	1.8
959-98-8	Endosulfan I	172		8.9	1.9
60-57-1	Dieldrin	178		8.9	1.7
72-55-9	4,4'-DDE	164		8.9	1.7
72-20-8	Endrin	182		8.9	1.3
33213-65-9	Endosulfan II	168		8.9	1.3
72-54-8	4,4'-DDD	175		8.9	1.1
1031-07-8	Endosulfan sulfate	150		8.9	1.1
50-29-3	4,4'-DDT	174		8.9	1.1
72-43-5	Methoxychlor	161		8.9	1.0
53494-70-5	Endrin ketone	162		8.9	1.3
7421-93-4	Endrin aldehyde	153		8.9	2.2
5103-71-9	alpha-Chlordane	172		8.9	1.9
5103-74-2	gamma-Chlordane	172		8.9	1.8
8001-35-2	Toxaphene	89	U	89	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		53-150
877-09-8	Tetrachloro-m-xylene	99		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125393.d
Lab Smp Id: 460-32001-C-12-F
Inj Date : 13-OCT-2011 09:38
Operator :
Smp Info : 460-32001-C-12-F
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.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	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene						CAS #: 877-09-8			
1.927	1.927	0.000		290999	49.7104	33	80.00- 120.00	100.00	

2 alpha-BHC						CAS #: 319-84-6			
2.313	2.313	0.000		1386712	176.827	120	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)						CAS #: 58-89-9			
2.533	2.533	0.000		1152375	176.881	120	80.00- 120.00	100.00	

3 beta-BHC						CAS #: 319-85-7			
2.597	2.597	0.000		684418	183.818	120	80.00- 120.00	100.00	

4 delta-BHC						CAS #: 319-86-8			
2.723	2.723	0.000		1246423	179.104	120	80.00- 120.00	100.00	

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
2.890	2.890	0.000			1262854	177.783	120	80.00- 120.00	100.00

1	Aldrin						CAS #: 309-00-2		
3.157	3.157	0.000			1222163	180.747	120	80.00- 120.00	100.00

18	Heptachlor epoxide						CAS #: 1024-57-3		
4.017	4.013	0.004			1365592	194.165	130	80.00- 120.00	100.00

65	gamma-Chlordane						CAS #: 5103-74-2		
4.307	4.303	0.004			1391934	193.302	130	80.00- 120.00	100.00

66	alpha-Chlordane						CAS #: 5103-71-9		
4.620	4.617	0.003			1341306	193.346	130	80.00- 120.00	100.00

8	4,4'-DDE						CAS #: 72-55-9		
4.827	4.823	0.004			1151977	185.071	120	80.00- 120.00	100.00

11	Endosulfan I						CAS #: 959-98-8		
4.933	4.933	0.000			1304562	193.284	130	80.00- 120.00	100.00

10	Dieldrin						CAS #: 60-57-1		
5.530	5.527	0.003			1351461	200.690	130	80.00- 120.00	100.00

14	Endrin						CAS #: 72-20-8		
6.120	6.117	0.003			1185706	204.439	140	80.00- 120.00	100.00

7	4,4'-DDD						CAS #: 72-54-8		
6.317	6.317	0.000			1047155	196.819	130	80.00- 120.00	100.00

12	Endosulfan II						CAS #: 33213-65-9		
6.657	6.653	0.004			1129522	189.150	130	80.00- 120.00	100.00

9	4,4'-DDT						CAS #: 50-29-3		
6.963	6.963	0.000			1102980	196.395	130	80.00- 120.00	100.00

15	Endrin aldehyde						CAS #: 7421-93-4		
7.430	7.430	0.000			795371	172.774	120	80.00- 120.00	100.00

19	Methoxychlor						CAS #: 72-43-5		
7.687	7.690	-0.003			516659	181.070	120	80.00- 120.00	100.00

13	Endosulfan sulfate						CAS #: 1031-07-8		
7.933	7.933	0.000			789439	168.737	110	80.00- 120.00	100.00

16	Endrin ketone						CAS #: 53494-70-5		
8.243	8.243	0.000			983210	182.691	120	80.00- 120.00	100.00

Data File: xr125393.d
Report Date: 14-Oct-2011 06:26

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				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
9.377	9.377	0.000		241033	53.6702	36	80.00- 120.00	100.00	

Data File: xr125393.d

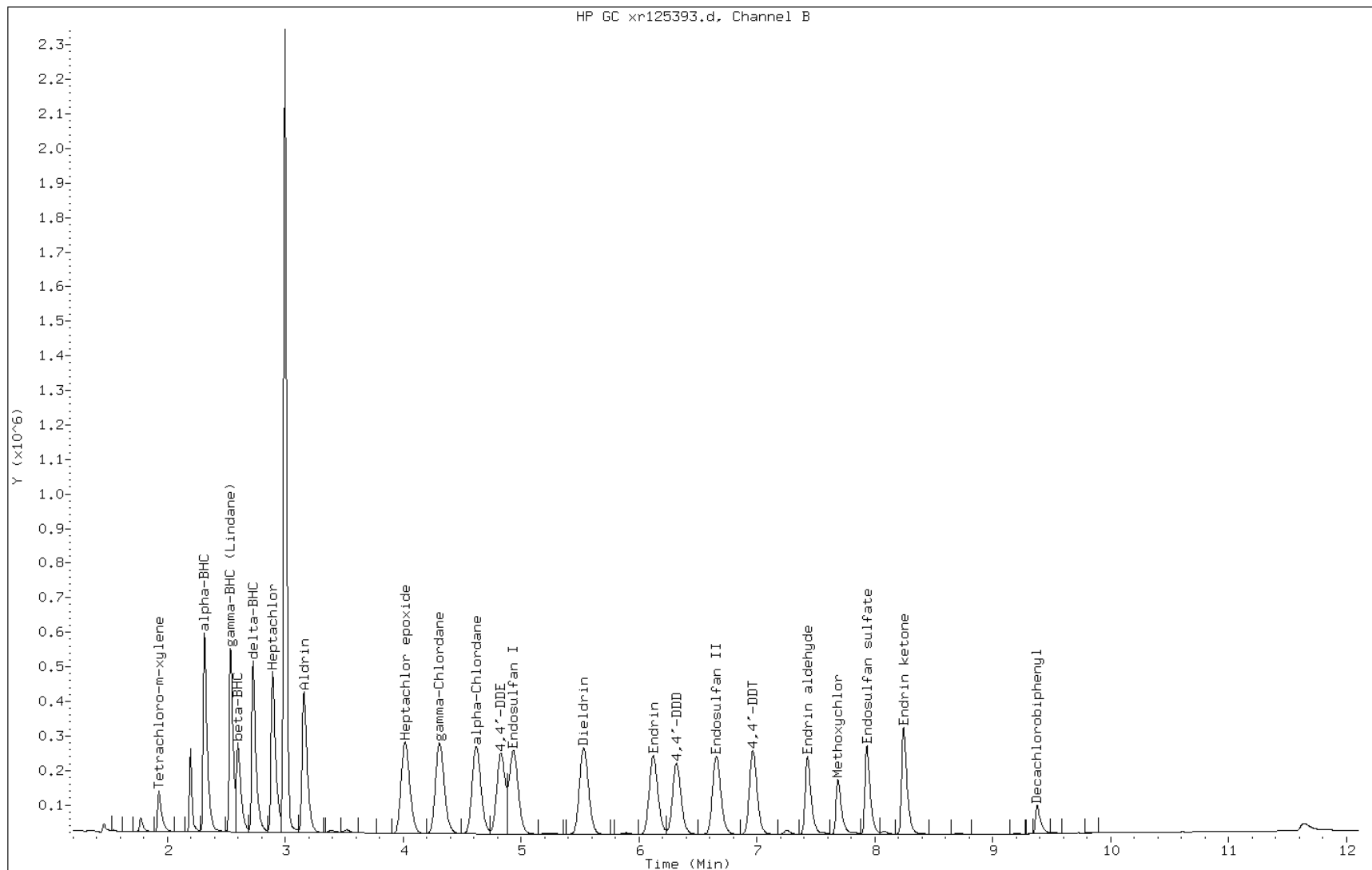
Date: 13-OCT-2011 09:38

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32001-C-12-F

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138</u>	Lab Sample ID: <u>460-32128-13 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125363.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/04/2011 12:30</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/11/2011 03:47</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/12/2011 09:19</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>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89301</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	143		6.7	1.2
319-85-7	beta-BHC	141		6.7	0.91
319-86-8	delta-BHC	154		6.7	1.0
58-89-9	gamma-BHC (Lindane)	146		6.7	0.78
76-44-8	Heptachlor	146		6.7	0.96
309-00-2	Aldrin	147		6.7	1.5
1024-57-3	Heptachlor epoxide	148		6.7	1.3
959-98-8	Endosulfan I	149		6.7	1.4
60-57-1	Dieldrin	154		6.7	1.3
72-55-9	4,4'-DDE	154		6.7	1.3
72-20-8	Endrin	163		6.7	0.94
33213-65-9	Endosulfan II	153		6.7	1.0
72-54-8	4,4'-DDD	153		6.7	0.80
1031-07-8	Endosulfan sulfate	154		6.7	0.86
50-29-3	4,4'-DDT	159		6.7	0.84
72-43-5	Methoxychlor	152		6.7	0.75
53494-70-5	Endrin ketone	155		6.7	0.99
7421-93-4	Endrin aldehyde	138		6.7	1.7
5103-71-9	alpha-Chlordane	147		6.7	1.4
5103-74-2	gamma-Chlordane	148		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	158	X	53-150
877-09-8	Tetrachloro-m-xylene	109		40-150

Data File: xf125363.d
Report Date: 13-Oct-2011 06:28

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/xf125363.d
Lab Smp Id: 460-32128-d-13-h
Inj Date : 12-OCT-2011 09:19
Operator :
Smp Info : 460-32128-d-13-h
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-12-11/12oct11a.b/09Xf8081.m
Meth Date : 13-Oct-2011 06:16 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MSD
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								
2.593	2.590	0.003	168415	54.6204	36	80.00-	120.00	100.00

2 alpha-BHC								
3.177	3.177	0.000	908595	214.648	140	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
3.673	3.673	0.000	939977	220.262	150	80.00-	120.00	100.00

3 beta-BHC								
3.827	3.827	0.000	450549	212.877	140	80.00-	120.00	100.00

4 delta-BHC								
4.603	4.603	0.000	1000081	231.156	150	80.00-	120.00	100.00

Data File: xf125363.d
Report Date: 13-Oct-2011 06:28

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17 Heptachlor						CAS #: 76-44-8		
4.810	4.810	0.000			951385 220.474	150	80.00- 120.00	100.00

1 Aldrin						CAS #: 309-00-2		
5.713	5.717	-0.004			950496 221.068	150	80.00- 120.00	100.00

18 Heptachlor epoxide						CAS #: 1024-57-3		
7.143	7.147	-0.004			841007 222.938	150	80.00- 120.00	100.00

65 gamma-Chlordane						CAS #: 5103-74-2		
7.453	7.453	0.000			803793 223.370	150	80.00- 120.00	100.00

66 alpha-Chlordane						CAS #: 5103-71-9		
7.647	7.647	0.000			721316 220.911	150	80.00- 120.00	100.00

8 4,4'-DDE						CAS #: 72-55-9		
7.820	7.820	0.000			717307 231.846	150	80.00- 120.00	100.00

11 Endosulfan I						CAS #: 959-98-8		
7.727	7.727	0.000			699150 223.891	150	80.00- 120.00	100.00

10 Dieldrin						CAS #: 60-57-1		
8.047	8.047	0.000			750459 231.071	150	80.00- 120.00	100.00

14 Endrin						CAS #: 72-20-8		
8.413	8.413	0.000			653589 244.592	160	80.00- 120.00	100.00

7 4,4'-DDD						CAS #: 72-54-8		
8.500	8.500	0.000			609706 229.931	150	80.00- 120.00	100.00

12 Endosulfan II						CAS #: 33213-65-9		
8.660	8.663	-0.003			650522 230.576	150	80.00- 120.00	100.00

9 4,4'-DDT						CAS #: 50-29-3		
8.880	8.880	0.000			607310 238.953	160	80.00- 120.00	100.00

15 Endrin aldehyde						CAS #: 7421-93-4		
9.063	9.063	0.000			469421 207.914	140	80.00- 120.00	100.00

19 Methoxychlor						CAS #: 72-43-5		
9.570	9.570	0.000			282402 228.219	150	80.00- 120.00	100.00

13 Endosulfan sulfate						CAS #: 1031-07-8		
9.363	9.363	0.000			532612 232.473	150	80.00- 120.00	100.00

16 Endrin ketone						CAS #: 53494-70-5		
9.800	9.800	0.000			575995 232.744	160	80.00- 120.00	100.00

Data File: xf125363.d
Report Date: 13-Oct-2011 06:28

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
10.750	10.750	0.000		163529	79.0276	53	80.00- 120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125363.d

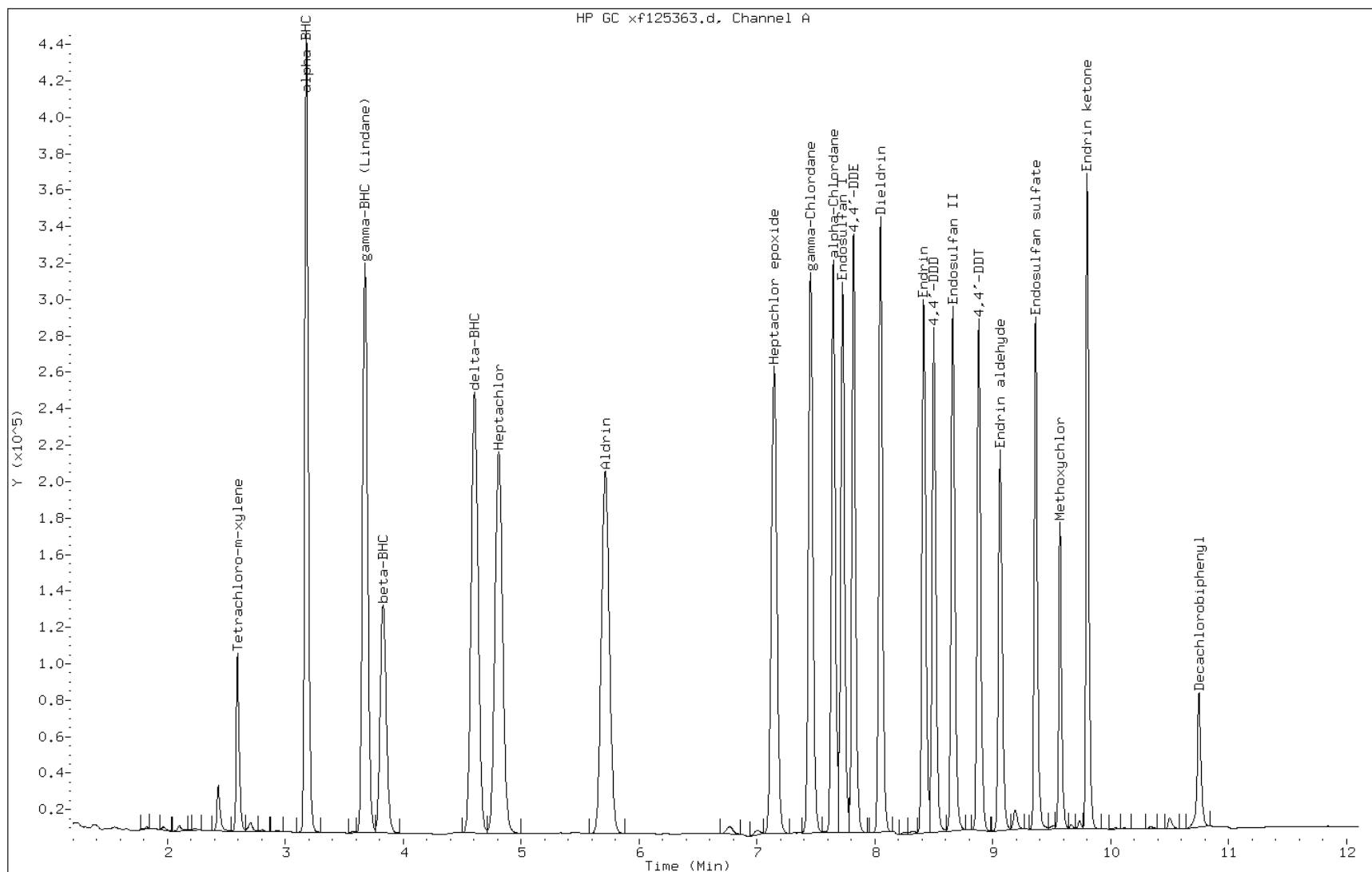
Date: 12-OCT-2011 09:19

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-h

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-100411-MM-138</u>	Lab Sample ID: <u>460-32128-13 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125363.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>10/04/2011 12:30</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/11/2011 03:47</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/12/2011 09:19</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>0.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89301</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	131		6.7	1.2
319-85-7	beta-BHC	134		6.7	0.91
319-86-8	delta-BHC	137		6.7	1.0
58-89-9	gamma-BHC (Lindane)	134		6.7	0.78
76-44-8	Heptachlor	139		6.7	0.96
309-00-2	Aldrin	140		6.7	1.5
1024-57-3	Heptachlor epoxide	151		6.7	1.3
959-98-8	Endosulfan I	155		6.7	1.4
60-57-1	Dieldrin	163		6.7	1.3
72-55-9	4,4'-DDE	155		6.7	1.3
72-20-8	Endrin	168		6.7	0.94
33213-65-9	Endosulfan II	162		6.7	1.0
72-54-8	4,4'-DDD	165		6.7	0.80
1031-07-8	Endosulfan sulfate	152		6.7	0.86
50-29-3	4,4'-DDT	165		6.7	0.84
72-43-5	Methoxychlor	152		6.7	0.75
53494-70-5	Endrin ketone	155		6.7	0.99
7421-93-4	Endrin aldehyde	141		6.7	1.7
5103-71-9	alpha-Chlordane	130		6.7	1.4
5103-74-2	gamma-Chlordane	152		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		53-150
877-09-8	Tetrachloro-m-xylene	107		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/xr125363.d
Lab Smp Id: 460-32128-d-13-h
Inj Date : 12-OCT-2011 09:19
Operator :
Smp Info : 460-32128-d-13-h
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-12-11/12oct11a.b/09Xr8081.m
Meth Date : 12-Oct-2011 13:00 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
QC Sample: MSD
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	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 28	Tetrachloro-m-xylene				CAS #:		877-09-8		
1.927	1.923	0.004		313197	53.5025	36	80.00-	120.00	100.00

2	alpha-BHC				CAS #:		319-84-6		
2.310	2.310	0.000		1549980	197.646	130	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:		58-89-9		
2.533	2.533	0.000		1315699	201.951	130	80.00-	120.00	100.00

3	beta-BHC				CAS #:		319-85-7		
2.597	2.593	0.004		749688	201.348	130	80.00-	120.00	100.00

4	delta-BHC				CAS #:		319-86-8		
2.723	2.723	0.000		1434575	206.141	140	80.00-	120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #: 76-44-8		
2.890	2.890	0.000		1485593 209.140	140	80.00- 120.00	100.00	

1	Aldrin					CAS #: 309-00-2		
3.157	3.153	0.004		1428548 211.270	140	80.00- 120.00	100.00	

18	Heptachlor epoxide					CAS #: 1024-57-3		
4.013	4.010	0.003		1602131 227.797	150	80.00- 120.00	100.00	

65	gamma-Chlordane					CAS #: 5103-74-2		
4.303	4.303	0.000		1652541 229.493	150	80.00- 120.00	100.00	

66	alpha-Chlordane					CAS #: 5103-71-9		
4.610	4.613	-0.003		1359477 195.966	130	80.00- 120.00	100.00	

8	4,4'-DDE					CAS #: 72-55-9		
4.823	4.823	0.000		1449243 232.828	160	80.00- 120.00	100.00	

11	Endosulfan I					CAS #: 959-98-8		
4.930	4.930	0.000		1572861 233.035	160	80.00- 120.00	100.00	

10	Dieldrin					CAS #: 60-57-1		
5.527	5.523	0.004		1651889 245.303	160	80.00- 120.00	100.00	

14	Endrin					CAS #: 72-20-8		
6.117	6.117	0.000		1470112 253.476	170	80.00- 120.00	100.00	

7	4,4'-DDD					CAS #: 72-54-8		
6.313	6.313	0.000		1324633 248.972	160	80.00- 120.00	100.00	

12	Endosulfan II					CAS #: 33213-65-9		
6.653	6.650	0.003		1452273 243.198	160	80.00- 120.00	100.00	

9	4,4'-DDT					CAS #: 50-29-3		
6.963	6.963	0.000		1390819 247.647	160	80.00- 120.00	100.00	

15	Endrin aldehyde					CAS #: 7421-93-4		
7.427	7.427	0.000		978117 212.472	140	80.00- 120.00	100.00	

19	Methoxychlor					CAS #: 72-43-5		
7.683	7.687	-0.004		653734 229.110	150	80.00- 120.00	100.00	

13	Endosulfan sulfate					CAS #: 1031-07-8		
7.930	7.930	0.000		1071872 229.106	150	80.00- 120.00	100.00	

16	Endrin ketone					CAS #: 53494-70-5		
8.243	8.243	0.000		1257879 233.728	160	80.00- 120.00	100.00	

Data File: xr125363.d
Report Date: 13-Oct-2011 06:28

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				
9.377	9.377	0.000	272595	60.6983	40	80.00-	120.00	100.00	

Data File: xr125363.d

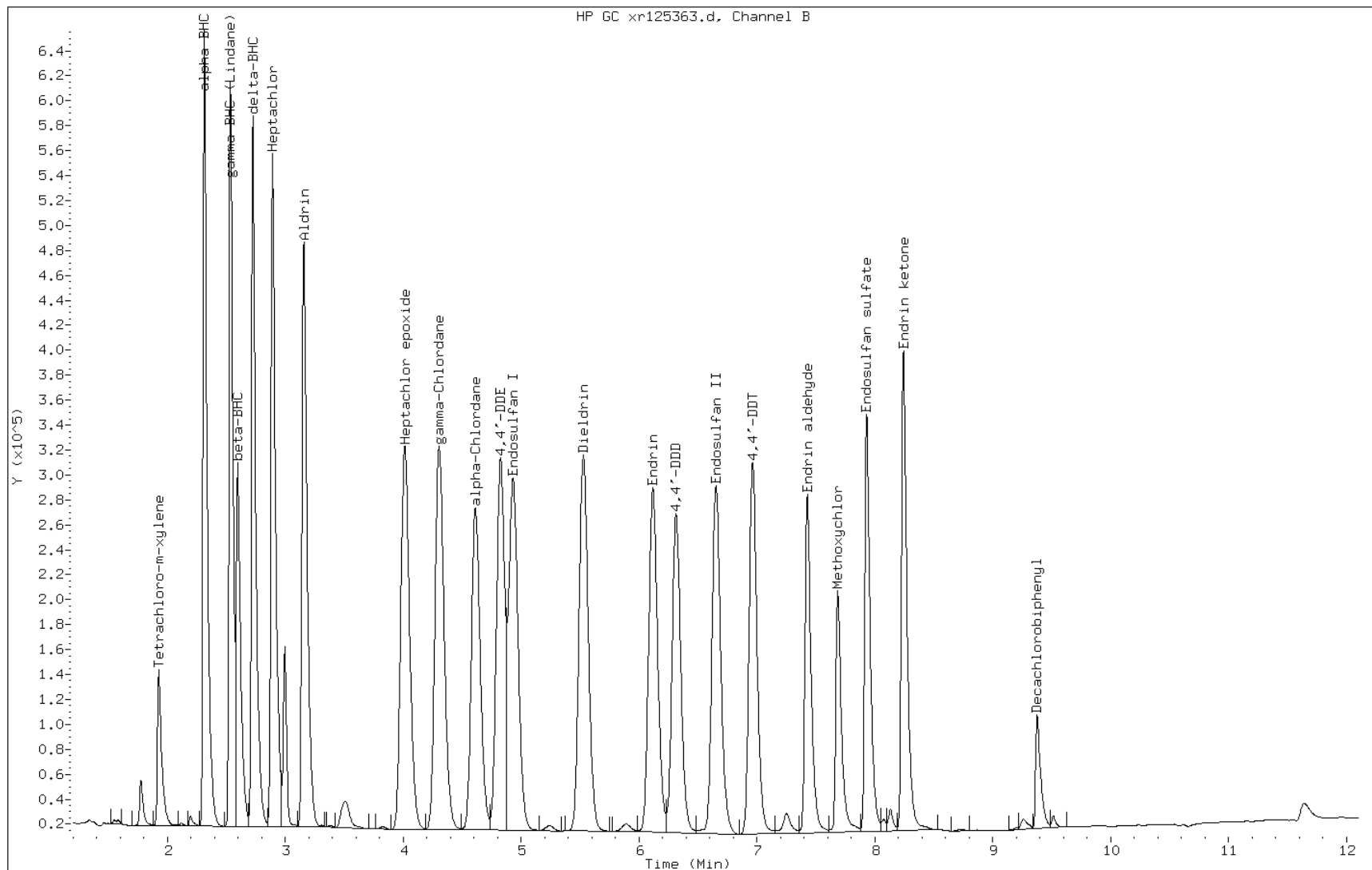
Date: 12-OCT-2011 09:19

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32128-d-13-h

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-C-12-G MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125394.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/29/2011 13:05</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/13/2011 03:19</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 09:51</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>25.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89324</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	165		8.9	1.7
319-85-7	beta-BHC	164		8.9	1.2
319-86-8	delta-BHC	172		8.9	1.4
58-89-9	gamma-BHC (Lindane)	170		8.9	1.0
76-44-8	Heptachlor	167		8.9	1.3
309-00-2	Aldrin	173		8.9	2.0
1024-57-3	Heptachlor epoxide	165		8.9	1.8
959-98-8	Endosulfan I	163		8.9	1.9
60-57-1	Dieldrin	169		8.9	1.7
72-55-9	4,4'-DDE	167		8.9	1.7
72-20-8	Endrin	173		8.9	1.3
33213-65-9	Endosulfan II	165		8.9	1.3
72-54-8	4,4'-DDD	165		8.9	1.1
1031-07-8	Endosulfan sulfate	165		8.9	1.1
50-29-3	4,4'-DDT	172		8.9	1.1
72-43-5	Methoxychlor	167		8.9	1.0
53494-70-5	Endrin ketone	171		8.9	1.3
7421-93-4	Endrin aldehyde	158		8.9	2.2
5103-71-9	alpha-Chlordane	162		8.9	1.9
5103-74-2	gamma-Chlordane	165		8.9	1.8
8001-35-2	Toxaphene	89	U	89	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	179	X	53-150
877-09-8	Tetrachloro-m-xylene	97		40-150

Data File: xf125394.d
Report Date: 14-Oct-2011 06:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/xf125394.d
Lab Smp Id: 460-32001-C-12-G
Inj Date : 13-OCT-2011 09:51
Operator :
Smp Info : 460-32001-C-12-G
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-13-11/13oct11a.b/09Xf8081.m
Meth Date : 14-Oct-2011 06:24 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MSD
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	RESPONSE (ug/L)	ON-COL	FINAL	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene									
CAS #: 877-09-8									
2.593	2.593	0.000	150216	48.7179	32	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.177	3.177	0.000	782950	184.966	120	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.677	3.673	0.004	814769	190.922	130	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.830	3.830	0.000	389961	184.250	120	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
4.607	4.607	0.000	838469	193.801	130	80.00- 120.00	100.00		

Data File: xf125394.d
Report Date: 14-Oct-2011 06:26

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
4.810	4.813	-0.003	812445	188.276	120	80.00-	120.00	100.00	
1	Aldrin						CAS #: 309-00-2		
5.717	5.717	0.000	834247	194.031	130	80.00-	120.00	100.00	
18	Heptachlor epoxide						CAS #: 1024-57-3		
7.147	7.147	0.000	700100	185.586	120	80.00-	120.00	100.00	
65	gamma-Chlordane						CAS #: 5103-74-2		
7.457	7.457	0.000	668354	185.732	120	80.00-	120.00	100.00	
66	alpha-Chlordane						CAS #: 5103-71-9		
7.647	7.650	-0.003	593387	181.731	120	80.00-	120.00	100.00	
8	4,4'-DDE						CAS #: 72-55-9		
7.820	7.823	-0.003	579881	187.427	120	80.00-	120.00	100.00	
11	Endosulfan I						CAS #: 959-98-8		
7.727	7.727	0.000	570884	182.816	120	80.00-	120.00	100.00	
10	Dieldrin						CAS #: 60-57-1		
8.050	8.050	0.000	617244	190.053	130	80.00-	120.00	100.00	
14	Endrin						CAS #: 72-20-8		
8.417	8.417	0.000	519520	194.420	130	80.00-	120.00	100.00	
7	4,4'-DDD						CAS #: 72-54-8		
8.500	8.503	-0.003	491352	185.297	120	80.00-	120.00	100.00	
12	Endosulfan II						CAS #: 33213-65-9		
8.663	8.663	0.000	523461	185.539	120	80.00-	120.00	100.00	
9	4,4'-DDT						CAS #: 50-29-3		
8.883	8.883	0.000	491301	193.308	130	80.00-	120.00	100.00	
15	Endrin aldehyde						CAS #: 7421-93-4		
9.063	9.067	-0.004	400266	177.284	120	80.00-	120.00	100.00	
19	Methoxychlor						CAS #: 72-43-5		
9.570	9.570	0.000	232204	187.651	120	80.00-	120.00	100.00	
13	Endosulfan sulfate						CAS #: 1031-07-8		
9.363	9.363	0.000	423830	184.992	120	80.00-	120.00	100.00	
16	Endrin ketone						CAS #: 53494-70-5		
9.800	9.803	-0.003	475738	192.233	130	80.00-	120.00	100.00	

Data File: xf125394.d
Report Date: 14-Oct-2011 06:26

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl									
CAS #: 2051-24-3									
10.750	10.750	0.000		185367	89.5808	60	80.00- 120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125394.d

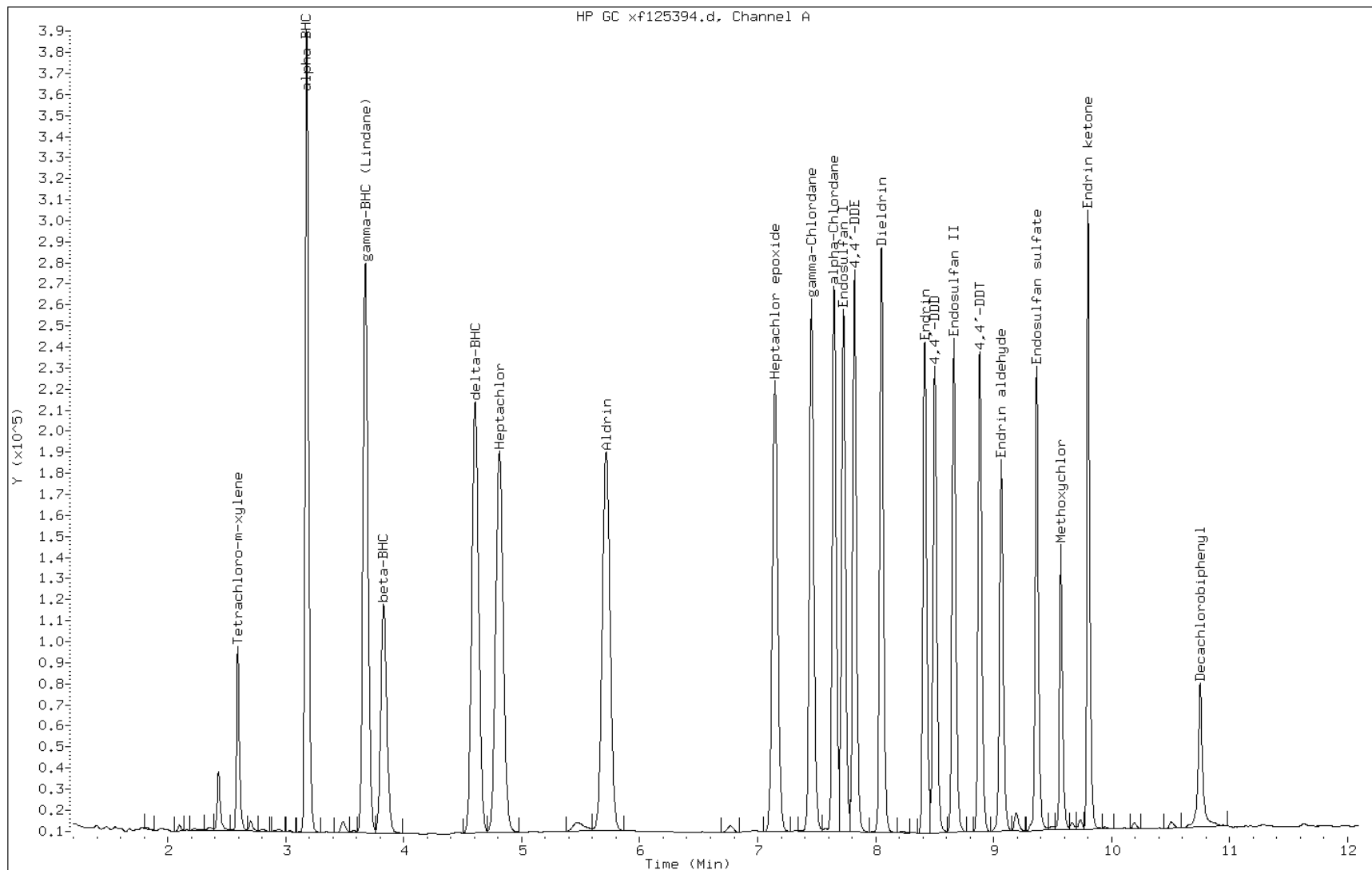
Date: 13-OCT-2011 09:51

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32001-C-12-G

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-32128-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-32001-C-12-G MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125394.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/29/2011 13:05</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/13/2011 03:19</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/13/2011 09:51</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>25.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>89324</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	155		8.9	1.7
319-85-7	beta-BHC	160		8.9	1.2
319-86-8	delta-BHC	155		8.9	1.4
58-89-9	gamma-BHC (Lindane)	154		8.9	1.0
76-44-8	Heptachlor	153		8.9	1.3
309-00-2	Aldrin	155		8.9	2.0
1024-57-3	Heptachlor epoxide	168		8.9	1.8
959-98-8	Endosulfan I	165		8.9	1.9
60-57-1	Dieldrin	172		8.9	1.7
72-55-9	4,4'-DDE	160		8.9	1.7
72-20-8	Endrin	175		8.9	1.3
33213-65-9	Endosulfan II	161		8.9	1.3
72-54-8	4,4'-DDD	166		8.9	1.1
1031-07-8	Endosulfan sulfate	140		8.9	1.1
50-29-3	4,4'-DDT	166		8.9	1.1
72-43-5	Methoxychlor	144		8.9	1.0
53494-70-5	Endrin ketone	149		8.9	1.3
7421-93-4	Endrin aldehyde	144		8.9	2.2
5103-71-9	alpha-Chlordane	166		8.9	1.9
5103-74-2	gamma-Chlordane	166		8.9	1.8
8001-35-2	Toxaphene	89	U	89	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150
877-09-8	Tetrachloro-m-xylene	100		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/xr125394.d
Lab Smp Id: 460-32001-C-12-G
Inj Date : 13-OCT-2011 09:51
Operator :
Smp Info : 460-32001-C-12-G
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b/09Xr8081.m
Meth Date : 14-Oct-2011 06:23 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.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									
1.927	1.927	0.000	292740	50.0078	33	80.00-	120.00	100.00	
CAS #: 877-09-8									
2 alpha-BHC									
2.313	2.313	0.000	1363861	173.913	120	80.00-	120.00	100.00	
CAS #: 319-84-6									
5 gamma-BHC (Lindane)									
2.533	2.533	0.000	1129938	173.438	120	80.00-	120.00	100.00	
CAS #: 58-89-9									
3 beta-BHC									
2.597	2.597	0.000	669656	179.853	120	80.00-	120.00	100.00	
CAS #: 319-85-7									
4 delta-BHC									
2.723	2.723	0.000	1209836	173.847	120	80.00-	120.00	100.00	
CAS #: 319-86-8									

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
2.890	2.890	0.000			1225692	172.551	120	80.00- 120.00	100.00

1	Aldrin						CAS #: 309-00-2		
3.157	3.157	0.000			1179043	174.370	120	80.00- 120.00	100.00

18	Heptachlor epoxide						CAS #: 1024-57-3		
4.013	4.013	0.000			1325075	188.404	120	80.00- 120.00	100.00

65	gamma-Chlordane						CAS #: 5103-74-2		
4.307	4.303	0.004			1346264	186.959	120	80.00- 120.00	100.00

66	alpha-Chlordane						CAS #: 5103-71-9		
4.617	4.617	0.000			1293851	186.506	120	80.00- 120.00	100.00

8	4,4'-DDE						CAS #: 72-55-9		
4.827	4.823	0.004			1121805	180.224	120	80.00- 120.00	100.00

11	Endosulfan I						CAS #: 959-98-8		
4.933	4.933	0.000			1251004	185.349	120	80.00- 120.00	100.00

10	Dieldrin						CAS #: 60-57-1		
5.530	5.527	0.003			1301067	193.207	130	80.00- 120.00	100.00

14	Endrin						CAS #: 72-20-8		
6.120	6.117	0.003			1140596	196.661	130	80.00- 120.00	100.00

7	4,4'-DDD						CAS #: 72-54-8		
6.317	6.317	0.000			992632	186.571	120	80.00- 120.00	100.00

12	Endosulfan II						CAS #: 33213-65-9		
6.653	6.653	0.000			1079019	180.692	120	80.00- 120.00	100.00

9	4,4'-DDT						CAS #: 50-29-3		
6.963	6.963	0.000			1047615	186.536	120	80.00- 120.00	100.00

15	Endrin aldehyde						CAS #: 7421-93-4		
7.427	7.430	-0.003			743341	161.472	110	80.00- 120.00	100.00

19	Methoxychlor						CAS #: 72-43-5		
7.687	7.690	-0.003			461833	161.856	110	80.00- 120.00	100.00

13	Endosulfan sulfate						CAS #: 1031-07-8		
7.933	7.933	0.000			735860	157.285	100	80.00- 120.00	100.00

16	Endrin ketone						CAS #: 53494-70-5		
8.243	8.243	0.000			902577	167.709	110	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					
9.377	9.377	0.000	231488	51.5449	34	80.00- 120.00	100.00	

Data File: xr125394.d

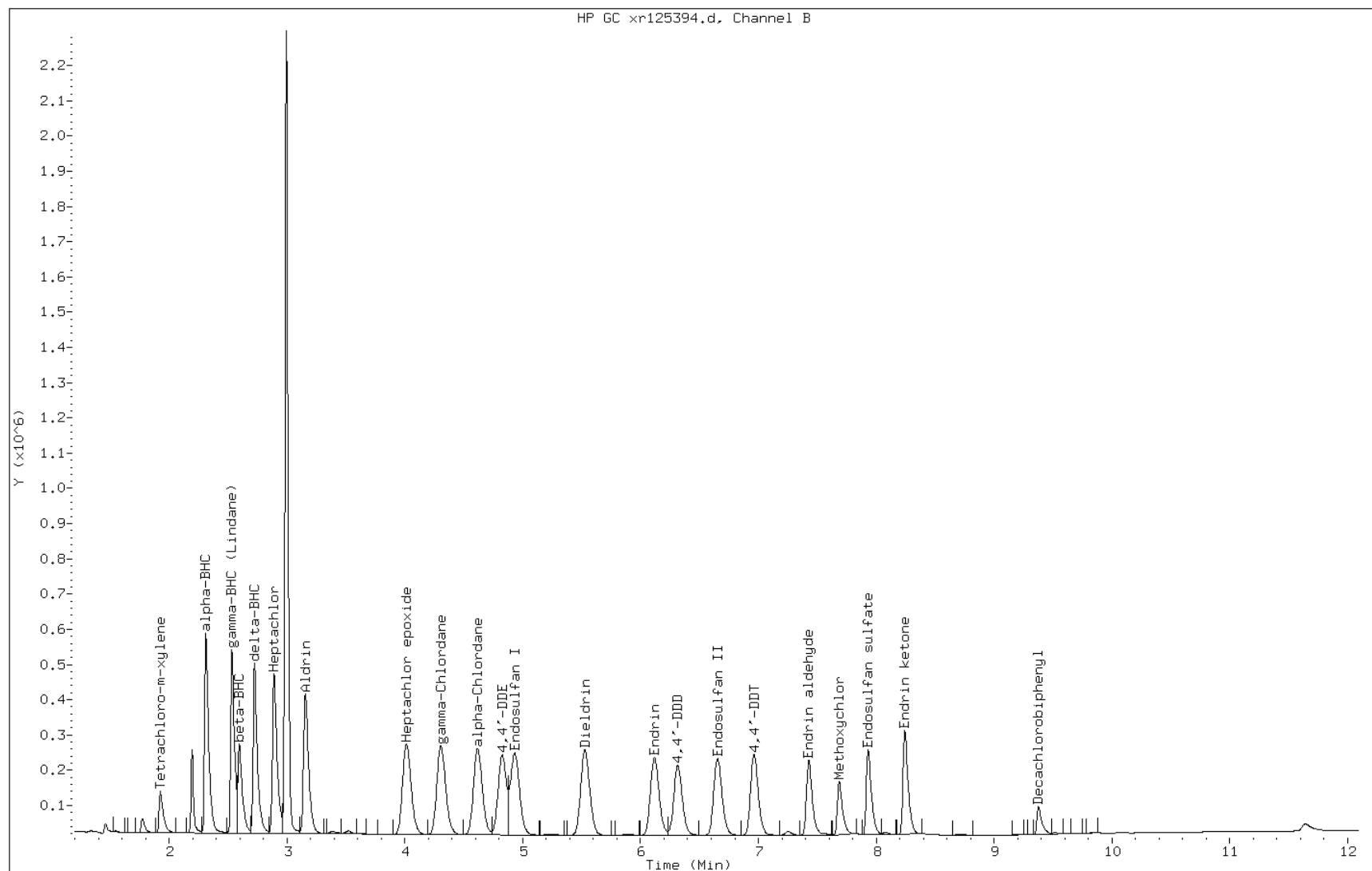
Date: 13-OCT-2011 09:51

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-32001-C-12-G

Operator:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 10/05/2011 07:06Analysis Batch Number: 88313 End Date: 10/05/2011 09:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2011 07:06	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2011 07:06	1		CLP-1 0.53 (mm)
PIBLK 460-88313/2		10/05/2011 07:20	1		CLP-2 0.53 (mm)
PIBLK 460-88313/2		10/05/2011 07:20	1		CLP-1 0.53 (mm)
RESC 460-88313/3		10/05/2011 07:34	1		CLP-2 0.53 (mm)
RESC 460-88313/3		10/05/2011 07:34	1		CLP-1 0.53 (mm)
PEM 460-88313/4		10/05/2011 07:48	1		CLP-2 0.53 (mm)
PEM 460-88313/4		10/05/2011 07:48	1		CLP-1 0.53 (mm)
IC 460-88313/5		10/05/2011 08:02	1	xf125053.d	CLP-2 0.53 (mm)
IC 460-88313/5		10/05/2011 08:02	1	xr125053.d	CLP-1 0.53 (mm)
IC 460-88313/6		10/05/2011 08:16	1	xf125054.d	CLP-2 0.53 (mm)
IC 460-88313/6		10/05/2011 08:16	1	xr125054.d	CLP-1 0.53 (mm)
IC 460-88313/7		10/05/2011 08:29	1	xf125055.d	CLP-2 0.53 (mm)
IC 460-88313/7		10/05/2011 08:29	1	xr125055.d	CLP-1 0.53 (mm)
IC 460-88313/8		10/05/2011 08:43	1	xf125056.d	CLP-2 0.53 (mm)
IC 460-88313/8		10/05/2011 08:43	1	xr125056.d	CLP-1 0.53 (mm)
IC 460-88313/9		10/05/2011 08:57	1	xf125057.d	CLP-2 0.53 (mm)
IC 460-88313/9		10/05/2011 08:57	1	xr125057.d	CLP-1 0.53 (mm)
IC 460-88313/10		10/05/2011 09:11	1		CLP-2 0.53 (mm)
IC 460-88313/10		10/05/2011 09:11	1		CLP-1 0.53 (mm)
IC 460-88313/11		10/05/2011 09:25	1	xf125059.d	CLP-2 0.53 (mm)
IC 460-88313/11		10/05/2011 09:25	1	xr125059.d	CLP-1 0.53 (mm)
ICV 460-88313/12		10/05/2011 09:38	1		CLP-2 0.53 (mm)
ICV 460-88313/12		10/05/2011 09:38	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC1Start Date: 10/12/2011 06:29Analysis Batch Number: 89301End Date: 10/12/2011 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/12/2011 06:29	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 06:29	1		CLP-1 0.53 (mm)
PIBLK 460-89301/2		10/12/2011 06:43	1	xf125352.d	CLP-2 0.53 (mm)
PIBLK 460-89301/2		10/12/2011 06:43	1	xr125352.d	CLP-1 0.53 (mm)
RESC 460-89301/3		10/12/2011 06:57	1	xf125353.d	CLP-2 0.53 (mm)
RESC 460-89301/3		10/12/2011 06:57	1	xr125353.d	CLP-1 0.53 (mm)
PEM 460-89301/4		10/12/2011 07:11	1	xf125354.d	CLP-2 0.53 (mm)
PEM 460-89301/4		10/12/2011 07:11	1	xr125354.d	CLP-1 0.53 (mm)
CCVRT 460-89301/5		10/12/2011 07:24	1	xf125355.d	CLP-2 0.53 (mm)
CCVRT 460-89301/5		10/12/2011 07:24	1	xr125355.d	CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 07:44	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 07:44	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 07:57	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 07:57	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 08:11	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 08:11	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 08:24	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 08:24	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 08:38	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 08:38	1		CLP-1 0.53 (mm)
LCS 460-89001/2-A		10/12/2011 08:53	1	xf125361.d	CLP-2 0.53 (mm)
LCS 460-89001/2-A		10/12/2011 08:53	1	xr125361.d	CLP-1 0.53 (mm)
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/12/2011 09:06	1	xf125362.d	CLP-2 0.53 (mm)
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/12/2011 09:06	1	xr125362.d	CLP-1 0.53 (mm)
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/12/2011 09:19	1	xf125363.d	CLP-2 0.53 (mm)
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/12/2011 09:19	1	xr125363.d	CLP-1 0.53 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/12/2011 09:33	1	xf125364.d	CLP-2 0.53 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/12/2011 09:33	1	xr125364.d	CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 09:47	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 09:47	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 10:01	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 10:01	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 10:15	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 10:15	1		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 10:28	250		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 10:28	250		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 10:42	250		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 10:42	250		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 10:56	20		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 10:56	20		CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 11:10	100		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 11:10	100		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 10/12/2011 06:29Analysis Batch Number: 89301 End Date: 10/12/2011 12:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/12/2011 11:23	20		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 11:23	20		CLP-1 0.53 (mm)
MB 460-89001/1-A		10/12/2011 11:37	1	xf125373.d	CLP-2 0.53 (mm)
MB 460-89001/1-A		10/12/2011 11:37	1	xr125373.d	CLP-1 0.53 (mm)
PIBLK 460-89301/24		10/12/2011 11:51	1	xf125374.d	CLP-2 0.53 (mm)
PIBLK 460-89301/24		10/12/2011 11:51	1	xr125374.d	CLP-1 0.53 (mm)
CCV 460-89301/25		10/12/2011 12:05	1	xf125375.d	CLP-2 0.53 (mm)
CCV 460-89301/25		10/12/2011 12:05	1	xr125375.d	CLP-1 0.53 (mm)
ZZZZZ		10/12/2011 12:19	1		CLP-2 0.53 (mm)
ZZZZZ		10/12/2011 12:19	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC1Start Date: 10/13/2011 05:43Analysis Batch Number: 89324End Date: 10/13/2011 13:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-89324/1		10/13/2011 05:43	1		CLP-2 0.53 (mm)
RINSE 460-89324/1		10/13/2011 05:43	1		CLP-1 0.53 (mm)
PIBLK 460-89324/2		10/13/2011 05:57	1		CLP-2 0.53 (mm)
PIBLK 460-89324/2		10/13/2011 05:57	1		CLP-1 0.53 (mm)
RESC 460-89324/3		10/13/2011 06:10	1	xf125379.d	CLP-2 0.53 (mm)
RESC 460-89324/3		10/13/2011 06:10	1	xr125379.d	CLP-1 0.53 (mm)
PEM 460-89324/4		10/13/2011 06:24	1		CLP-2 0.53 (mm)
PEM 460-89324/4		10/13/2011 06:24	1		CLP-1 0.53 (mm)
CCVRT 460-89324/5		10/13/2011 06:38	1	xf125381.d	CLP-2 0.53 (mm)
CCVRT 460-89324/5		10/13/2011 06:38	1	xr125381.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 07:07	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 07:07	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 07:20	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 07:20	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 07:33	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 07:33	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 07:47	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 07:47	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 08:02	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 08:02	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 08:15	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 08:15	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 08:29	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 08:29	1		CLP-1 0.53 (mm)
PIBLK 460-89324/13		10/13/2011 08:42	1	xf125389.d	CLP-2 0.53 (mm)
PIBLK 460-89324/13		10/13/2011 08:42	1	xr125389.d	CLP-1 0.53 (mm)
CCV 460-89324/14		10/13/2011 08:56	1	xf125390.d	CLP-2 0.53 (mm)
CCV 460-89324/14		10/13/2011 08:56	1	xr125390.d	CLP-1 0.53 (mm)
PEM 460-89324/15		10/13/2011 09:10	1	xf125391.d	CLP-2 0.53 (mm)
PEM 460-89324/15		10/13/2011 09:10	1	xr125391.d	CLP-1 0.53 (mm)
LCS 460-89299/2-A		10/13/2011 09:24	1	xf125392.d	CLP-2 0.53 (mm)
LCS 460-89299/2-A		10/13/2011 09:24	1	xr125392.d	CLP-1 0.53 (mm)
460-32001-C-12-F MS		10/13/2011 09:38	1	xf125393.d	CLP-2 0.53 (mm)
460-32001-C-12-F MS		10/13/2011 09:38	1	xr125393.d	CLP-1 0.53 (mm)
460-32001-C-12-G MSD		10/13/2011 09:51	1	xf125394.d	CLP-2 0.53 (mm)
460-32001-C-12-G MSD		10/13/2011 09:51	1	xr125394.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:05	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:05	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:19	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:19	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:33	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:33	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:46	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:00	1		CLP-2 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 10/13/2011 05:43Analysis Batch Number: 89324 End Date: 10/13/2011 13:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/13/2011 11:00	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:28	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:28	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:55	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:55	1		CLP-1 0.53 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 12:09	1	xf125404.d	CLP-2 0.53 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 12:09	1	xr125404.d	CLP-1 0.53 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 12:23	1	xf125405.d	CLP-2 0.53 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 12:23	1	xr125405.d	CLP-1 0.53 (mm)
MB 460-89299/1-A		10/13/2011 12:36	1	xf125406.d	CLP-2 0.53 (mm)
MB 460-89299/1-A		10/13/2011 12:36	1	xr125406.d	CLP-1 0.53 (mm)
PIBLK 460-89324/31		10/13/2011 12:50	1	xf125407.d	CLP-2 0.53 (mm)
PIBLK 460-89324/31		10/13/2011 12:50	1	xr125407.d	CLP-1 0.53 (mm)
CCV 460-89324/32		10/13/2011 13:04	1	xf125408.d	CLP-2 0.53 (mm)
CCV 460-89324/32		10/13/2011 13:04	1	xr125408.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGCI.i
Analytical Batch: /chem/PESTGCI.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b

Date Generated: 10/05/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/05/11	0706	xrl25049	1	HEXANE	MA	15	10	1	SAMPLE	NA	88313
10/05/11	0720	xrl25050	2	SGPIBLK_00007		15	10	1	SAMPLE		
10/05/11	0734	xrl25051	3	SGRESCI_00008		15	10	1	SAMPLE		
10/05/11	0748	xrl25052	4	SGDDT/EI_00015		15	10	1	SAMPLE		
10/05/11	0802	xrl25053	5	SGPESTL3_00010	MA	0	0	1	CALIB_3		
10/05/11	0816	xrl25054	6	SGPESTL1_00012		0	0	1	CALIB_1		
10/05/11	0829	xrl25055	7	SGPESTL2_00009		0	0	1	CALIB_2		
10/05/11	0843	xrl25056	8	SGPESTL4_00009		0	0	1	CALIB_4		
10/05/11	0857	xrl25057	9	SGPESTL5_00009		0	0	1	CALIB_5		
10/05/11	0911	xrl25058	10	SGCHORL3_00007		0	0	1	CALIB_3		
10/05/11	0925	xrl25059	11	SGTOX13_00010		0	0	1	CALIB_3		
10/05/11	0938	xrl25060	12	SGPTICV_00015		0	0	1	CCALIB_3		

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Signed: ASR Read and Understood by: ASR
Date: 10/05/11 Date: 10-5-11

11/11/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.1
Analytical Batch: /chem1/PESTGC1.1/8081T/rear/Oct11/10-12-11/12oct11a.b

Date Generated: 10/13/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/12/11	0629	1	HEXANE	12oct11a	NA	15	10	1	SAMPLE	NA	89301
10/12/11	0643	2	SGPIBLK_00008	12oct11a		15	10	1	SAMPLE		NA
10/12/11	0657	3	SGRESCL_00008	12oct11a		15	10	1	SAMPLE		G
10/12/11	0711	4	SGDDT/EI_00015	12oct11a		15	10	1	SAMPLE		G
10/12/11	0724	5	SGPESTIL3_00010	NA		0	0	1	CCALIB_3		G
10/12/11	0744	6	460-32001-c-15-b	12oct11a		15	10	1	SAMPLE		G
10/12/11	0757	7	460-31736-c-1-c	12oct11a		15	10	1	SAMPLE		G
10/12/11	0811	8	460-31736-c-2-b	12oct11a		15	10	1	SAMPLE		G
10/12/11	0824	9	460-31736-c-16-c	12oct11a		15	10	1	SAMPLE		G
10/12/11	0838	10	460-31736-c-23-b	12oct11a		15	10	1	SAMPLE		G
10/12/11	0853	11	lcs 460-89001/2-	NA		15	10	1	BS		G
10/12/11	0906	12	460-32128-d-13-g	12oct11a		15	10	1	MS		G
10/12/11	0919	13	460-32128-d-13-h	12oct11a		15	10	1	MSD		G
10/12/11	0933	14	460-32128-d-13-f	12oct11a		15	10	1	SAMPLE		G

10/13/11

10-13-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.1
Analytical Batch: /chem1/PESTGC1.1/8081T/rear/Oct11/10-12-11/12oct11a.b

Date Generated: 10/13/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/12/11	0947	xrl25365	460-32192-a-1-b	12oct11a	NA	15	10	1	SAMPLE	NA	G
10/12/11	1001	xrl25366	460-32192-a-2-b	12oct11a	1	15	10	1	SAMPLE		G
10/12/11	1015	xrl25367	460-32010-D-5-B	460-88637	10/07/11	15	10	1	SAMPLE		G
10/12/11	1028	xrl25368	460-31939-g-6-b	12oct11a	NA	15	10	250	SAMPLE		G * 100ul sample -> 400ul hexane (5x) 100ul (5x) -> 400ul hexane (2.5x) 100ul (5x) -> 900ul (2.5x)
10/12/11	1042	xrl25369	460-31939-e-7-b	12oct11a		15	10	250	SAMPLE		G * same as above
10/12/11	1056	xrl25370	460-31939-g-11-b	12oct11a		15	10	20	SAMPLE		G 50ul sample -> 950ul hexane
10/12/11	1110	xrl25371	460-31939-e-12-b	12oct11a		15	10	100	SAMPLE		G *
10/12/11	1123	xrl25372	460-31939-e-13-b	12oct11a		15	10	20	SAMPLE		G 50ul sample -> 950ul hexane
10/12/11	1137	xrl25373	mb 460-89001/1-a	12oct11a		15	10	1	SAMPLE		G
10/12/11	1151	xrl25374	SGPIBLK_00008	12oct11a		15	10	1	SAMPLE		G
10/12/11	1205	xrl25375	SGPESTL3_00010	NA		0	0	1	CCALIB_3		G
10/12/11	1219	xrl25376	SGDDT/EI_00015	12oct11a		15	10	1	SAMPLE		G

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* Serial Dilution

Signed:  Read and Understood by: 
Date: 10/13/11 Date: 10/13/11

11/11/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGCL.i
Analytical Batch: /chem1/PESTGCL.i/80817/rear/Oct11/10-13-11/13oct11a.b

Date Generated: 10/14/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/13/11 0543	xr125377		HEXANE	13oct11a	NA	15	10	1	SAMPLE	NA	89324
10/13/11 0557	xr125378	1	SGPIBLK_00008	13oct11a	NA	15	10	1	SAMPLE	NA	NA
10/13/11 0610	xr125379	2	SGRESCL_00008	13oct11a		15	10	1	SAMPLE		G
10/13/11 0624	xr125380	3	SGDDT/EI_00015	13oct11a		15	10	1	SAMPLE		G
10/13/11 0638	xr125381	4	SGPESTL3_00010	NA		0	0	1	CCALIB_3		G
10/13/11 0707	xr125382	5	460-32129-h-8-c	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0720	xr125383	6	460-32046-k-14-c	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0733	xr125384	7	460-31916-k-6-b	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0747	xr125385	8	460-32275-e-7-a	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0802	xr125386	9	lcs 460-89160/2-	NA		1000	5	1	BS		G
10/13/11 0815	xr125387	10	lcsd 460-89160/3	13oct11a		1000	5	1	BSD		G
10/13/11 0829	xr125388	11	mb 460-89160/1-a	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0842	xr125389	12	PIBLK_00008	13oct11a		1000	5	1	SAMPLE		G
10/13/11 0856	xr125390	13	PESTL3_00010	NA		0	0	1	CCALIB_3		G

7/4 10/14/11

11/11/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i
Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Oct11/10-13-11/13oct11a.b

Date Generated: 10/14/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/13/11 0910	xr125391	15	SGDDT/EI_00015	13oct11b	NA	15	10	1	SAMPLE	NA	G
10/13/11 0924	xr125392	16	LCS 460-89299/2-A	NA		15	10	1	BS		G
10/13/11 0938	xr125393	17	460-32001-C-12-F	13oct11b		15	10	1	MS		G
10/13/11 0951	xr125394	18	460-32001-C-12-G	13oct11b		15	10	1	MSD		G
10/13/11 1005	xr125395	19	460-32001-C-12-H	460-89299	10/13/11	15	10	1	SAMPLE		G
10/13/11 1019	xr125396	20	460-32328-A-1-B	460-89299	10/13/11	15	10	1	SAMPLE		G
10/13/11 1033	xr125397	21	460-32331-A-1-B	460-89299	10/13/11	15	10	1	SAMPLE		G
10/13/11 1046	xr125398	22	460-32331-A-2-B	460-89299	10/13/11	15.0	10	1	SAMPLE		G
10/13/11 1100	xr125399	23	460-32331-A-3-B	460-89299	10/13/11	15.0	10	1	SAMPLE		G
10/13/11 1114	xr125400	24	460-32331-A-4-B	460-89299	10/13/11	15.0	10	1	SAMPLE		G
10/13/11 1128	xr125401	25	460-32331-A-5-B	460-89299	10/13/11	15.0	10	1	SAMPLE		G
10/13/11 1141	xr125402	26	460-32331-A-6-B	460-89299	10/13/11	15.0	10	1	SAMPLE		NA
10/13/11 1155	xr125403	27	460-32331-A-7-B	460-89299	10/13/11	15	10	1	SAMPLE		G
10/13/11 1209	xr125404	28	460-32128-D-6-D	460-89299	10/13/11	15.0	10	1	SAMPLE		G

10/11/2011
10/14/11
5-10-14--

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGCL.i
Analytical Batch: /chem1/PESTGCL.i/808IT/rear/Oct11/10-13-11/13oct11a.b

Date Generated: 10/14/2011
Page 3

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV	IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
10/13/11 1223	xr125405	29	460-32128-D-7-D	460-89299	10/13/11	15.0	10	1	1		SAMPLE	NA	G
10/13/11 1236	xr125406	30	MB 460-89299/1-A	13oct11b	NA	15	10	1	1		SAMPLE		G
10/13/11 1250	xr125407	31	SGPIBLK_00008	13oct11b		15	10	1	1		SAMPLE		G
10/13/11 1304	xr125408	32	SGPESTL3_00010	NA		0	0	1	1		CCALIB_3		G

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Signed: [Signature] Read and Understood by: [Signature]
Date: 10/14/11 Date: 10-14-11

11/11/2011

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89001 Batch Start Date: 10/11/11 03:47 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/11/11 08:39

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00008	OPPSTPCBSU 00018	
MB 460-89001/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-89001/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-32128-D-13-MS	FB-17338-100411-MM-138	3541, 8081A	T	15.02 g	10 mL	75	100 uL	50 uL	
460-32128-D-13-MSD	FB-17338-100411-MM-138	3541, 8081A	T	15.05 g	10 mL	76	100 uL	50 uL	
460-32128-D-13	FB-17338-100411-MM-138	3541, 8081A	T	15.02 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	8:39am
Florisil Lot #	k22551
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	3:47am

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89299 Batch Start Date: 10/13/11 03:19 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/13/11 07:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00008	OPPSTPCBSU 00018	
MB 460-89299/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-89299/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-32001-C-12 MS		3541, 8081A	T	15.02 g	10 mL	75	100 uL	50 uL	
460-32001-C-12 MSD		3541, 8081A	T	15.00 g	10 mL	76	100 uL	50 uL	
460-32128-D-6	SO-17338-100411-MM-131	3541, 8081A	T	15.04 g	10 mL	78		50 uL	
460-32128-D-7	SO-17338-100411-MM-132	3541, 8081A	T	15.02 g	10 mL	79		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Blank Soil Lot Number	3
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	7:51am
Florisil Lot #	k22551
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	3:19am

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.: 460-32128-1

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-17338-100411-MM-131	460-32128-6	58	64
SO-17338-100411-MM-132	460-32128-7	87	96
FB-17338-100411-MM-138	460-32128-13	116	117
	MB 460-89000/1-A	122	121
	MB 460-89296/1-A	111	118
	LCS 460-89000/2-A	118	118
	LCS 460-89296/2-A	115	118
FB-17338-100411-MM-138 MS	460-32128-13 MS	109	109
	460-32001-C-12-C MS	65	72
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	103	102
	460-32001-C-12-D MSD	66	74

DCB = DCB Decachlorobiphenyl

QC LIMITS
30-150

Column to be used to flag recovery values

FORM II 8082

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465439.d
Lab ID: LCS 460-89000/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	394	118	60-144	
PCB-1260	333	388	116	63-143	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465439.d
Lab ID: LCS 460-89000/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	390	117	60-144	
PCB-1260	333	367	110	63-143	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465529.d
Lab ID: LCS 460-89296/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	385	115	60-144	
PCB-1260	333	368	110	63-143	

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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465529.d
Lab ID: LCS 460-89296/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	364	109	60-144	
PCB-1260	333	342	103	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465441.d
Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	332	67 U	347	104	60-144	
PCB-1260	332	67 U	340	102	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465441.d
Lab ID: 460-32128-13 MS Client ID: FB-17338-100411-MM-138 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	332	67 U	337	101	60-144	
PCB-1260	332	67 U	324	97	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465541.d
Lab ID: 460-32001-C-12-C MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	444	89 U	333	75	60-144	
PCB-1260	444	89 U	318	72	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465541.d
Lab ID: 460-32001-C-12-C MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	444	89 U	320	72	60-144	
PCB-1260	444	89 U	319	72	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465442.d
Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	333	287	86	19	30	60-144	
PCB-1260	333	313	94	8	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465442.d
Lab ID: 460-32128-13 MSD Client ID: FB-17338-100411-MM-138 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	333	270	81	22	30	60-144	
PCB-1260	333	294	88	10	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465542.d
Lab ID: 460-32001-C-12-D MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	445	323	73	3	30	60-144	
PCB-1260	445	309	70	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.: 460-32128-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465542.d
Lab ID: 460-32001-C-12-D MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	445	309	70	4	30	60-144	
PCB-1260	445	320	72	0	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.: 460-32128-1
SDG No.: _____
Lab Sample ID: MB 460-89000/1-A
Matrix: Solid Date Extracted: 10/11/2011 03:34
Lab File ID: (1) vr465438.d Lab File ID: (2) vf465438.d
Date Analyzed: (1) 10/11/2011 20:31 Date Analyzed: (2) 10/11/2011 20:31
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 460-89000/2-A	10/11/2011 20:47	10/11/2011 20:47
FB-17338-100411-MM-138	460-32128-13	10/11/2011 21:03	10/11/2011 21:03
FB-17338-100411-MM-138 MS	460-32128-13 MS	10/11/2011 21:18	10/11/2011 21:18
FB-17338-100411-MM-138 MSD	460-32128-13 MSD	10/11/2011 21:34	10/11/2011 21:34

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: MB 460-89296/1-A
 Matrix: Solid Date Extracted: 10/13/2011 03:00
 Lab File ID: (1) vr465528.d Lab File ID: (2) vf465528.d
 Date Analyzed: (1) 10/13/2011 09:20 Date Analyzed: (2) 10/13/2011 09:20
 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 460-89296/2-A	10/13/2011 09:36	10/13/2011 09:36
	460-32001-C-12-C MS	10/13/2011 12:43	10/13/2011 12:43
	460-32001-C-12-D MSD	10/13/2011 12:59	10/13/2011 12:59
SO-17338-100411-MM-131	460-32128-6	10/13/2011 14:17	10/13/2011 14:17
SO-17338-100411-MM-132	460-32128-7	10/13/2011 14:32	10/13/2011 14:32

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89331/1 Date Analyzed: 10/11/2011 15:12
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf465423.d Heated Purge: (Y/N) N
 Calibration ID: 12475

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				11.55		
UPPER LIMIT				11.65		
LOWER LIMIT				11.45		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-89331/1		10/11/2011 15:12	vf465423.d	11.55		
MB 460-89000/1-A		10/11/2011 20:31	vf465438.d	11.54		
LCS 460-89000/2-A		10/11/2011 20:47	vf465439.d	11.54		
460-32128-13	FB-17338-100411-MM-13 8	10/11/2011 21:03	vf465440.d	11.55		
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/11/2011 21:18	vf465441.d	11.55		
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/11/2011 21:34	vf465442.d	11.54		
CCV 460-89331/25		10/11/2011 23:03	vf465447.d	11.55		

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89331/1 Date Analyzed: 10/11/2011 15:12
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr465423.d Heated Purge: (Y/N) N
 Calibration ID: 12467

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 460-89331/1		10/11/2011 15:12	vr465423.d	10.63		
MB 460-89000/1-A		10/11/2011 20:31	vr465438.d	10.63		
LCS 460-89000/2-A		10/11/2011 20:47	vr465439.d	10.63		
460-32128-13	FB-17338-100411-MM-13 8	10/11/2011 21:03	vr465440.d	10.63		
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/11/2011 21:18	vr465441.d	10.63		
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/11/2011 21:34	vr465442.d	10.63		
CCV 460-89331/25		10/11/2011 23:03	vr465447.d	10.63		

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89405/3 Date Analyzed: 10/13/2011 08:49
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf465526.d Heated Purge: (Y/N) N
 Calibration ID: 12475

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 460-89405/3		10/13/2011 08:49	vf465526.d	11.54		
MB 460-89296/1-A		10/13/2011 09:20	vf465528.d	11.54		
LCS 460-89296/2-A		10/13/2011 09:36	vf465529.d	11.54		
460-32001-C-12-C MS		10/13/2011 12:43	vf465541.d	11.55		
460-32001-C-12-D MSD		10/13/2011 12:59	vf465542.d	11.55		
CCV 460-89405/21		10/13/2011 13:30	vf465544.d	11.55		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89405/3 Date Analyzed: 10/13/2011 08:49
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr465526.d Heated Purge: (Y/N) N
 Calibration ID: 12467

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 460-89405/3		10/13/2011 08:49	vr465526.d	10.63		
MB 460-89296/1-A		10/13/2011 09:20	vr465528.d	10.63		
LCS 460-89296/2-A		10/13/2011 09:36	vr465529.d	10.63		
460-32001-C-12-C MS		10/13/2011 12:43	vr465541.d	10.63		
460-32001-C-12-D MSD		10/13/2011 12:59	vr465542.d	10.62		
CCV 460-89405/21		10/13/2011 13:30	vr465544.d	10.63		

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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89520/2 Date Analyzed: 10/13/2011 14:01
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf465546.d Heated Purge: (Y/N) N
 Calibration ID: 12475

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 460-89520/2		10/13/2011 14:01	vf465546.d	11.54		
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 14:17	vf465547.d	11.54		
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 14:32	vf465548.d	11.54		
CCV 460-89520/11		10/13/2011 16:22	vf465555.d	11.54		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 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.: 460-32128-1
 SDG No.: _____
 Sample No.: CCVRT 460-89520/2 Date Analyzed: 10/13/2011 14:01
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr465546.d Heated Purge: (Y/N) N
 Calibration ID: 12467

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 460-89520/2		10/13/2011 14:01	vr465546.d	10.63		
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 14:17	vr465547.d	10.62		
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 14:32	vr465548.d	10.62		
CCV 460-89520/11		10/13/2011 16:22	vr465555.d	10.63		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 MS Lab Sample ID: 460-32128-13 MS
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/11/2011 21:18 Date Analyzed (2): 10/11/2011 21:18
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.11	2.03	2.17	323	337	3.0
		2	2.54	2.47	2.61	335		
		3	2.79	2.72	2.86	349		
		4	3.15	3.08	3.22	337		
		5	3.36	3.28	3.42	355		
		6	3.70	3.63	3.77	345		
		7	4.06	3.99	4.13	338		
		8	4.21	4.14	4.28	311		
	2	1	2.98	2.91	3.05	334	347	
		2	3.66	3.59	3.73	353		
		3	4.10	4.03	4.17	356		
		4	4.51	4.44	4.58	346		
		5	4.75	4.68	4.82	364		
		6	5.18	5.11	5.25	360		
		7	5.57	5.50	5.64	340		
		8	5.78	5.71	5.85	321		
PCB-1260	1	1	6.09	6.01	6.15	343	324	5.0
		2	6.54	6.47	6.61	332		
		3	6.98	6.91	7.05	317		
		4	7.18	7.11	7.25	315		
		5	7.61	7.54	7.68	324		
		6	8.91	8.84	8.98	334		
		7	9.13	9.06	9.20	301		
		8	10.17	10.10	10.24	323		
	2	1	7.48	7.41	7.55	345	340	
		2	7.79	7.72	7.86	349		
		3	8.26	8.19	8.33	350		
		4	9.38	9.31	9.45	348		
		5	9.50	9.43	9.57	338		
		6	9.94	9.87	10.01	353		
		7	10.64	10.57	10.71	323		
		8	11.11	11.04	11.18	316		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/11/2011 21:34 Date Analyzed (2): 10/11/2011 21:34
 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	2.10	2.03	2.17	253	270	6.3
		2	2.54	2.47	2.61	265		
		3	2.79	2.72	2.86	276		
		4	3.15	3.08	3.22	273		
		5	3.35	3.28	3.42	286		
		6	3.70	3.63	3.77	280		
		7	4.06	3.99	4.13	279		
		8	4.21	4.14	4.28	245		
	2	1	2.97	2.91	3.05	322	287	
		2	3.66	3.59	3.73	280		
		3	4.10	4.03	4.17	273		
		4	4.51	4.44	4.58	282		
		5	4.75	4.68	4.82	299		
		6	5.18	5.11	5.25	300		
		7	5.57	5.50	5.64	272		
		8	5.78	5.71	5.85	271		
PCB-1260	1	1	6.08	6.01	6.15	296	294	6.3
		2	6.54	6.47	6.61	300		
		3	6.98	6.91	7.05	284		
		4	7.18	7.11	7.25	285		
		5	7.61	7.54	7.68	293		
		6	8.91	8.84	8.98	303		
		7	9.13	9.06	9.20	289		
		8	10.17	10.10	10.24	299		
	2	1	7.48	7.41	7.55	307	313	
		2	7.79	7.72	7.86	313		
		3	8.26	8.19	8.33	316		
		4	9.38	9.31	9.45	316		
		5	9.50	9.43	9.57	308		
		6	9.94	9.87	10.01	320		
		7	10.64	10.57	10.71	330		
		8	11.11	11.04	11.18	295		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89000/2-A
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/11/2011 20:47 Date Analyzed (2): 10/11/2011 20:47
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.10	2.03	2.17	393	390	1.0
		2	2.54	2.47	2.61	385		
		3	2.79	2.72	2.86	403		
		4	3.15	3.08	3.22	388		
		5	3.35	3.28	3.42	400		
		6	3.70	3.63	3.77	410		
		7	4.06	3.99	4.13	387		
		8	4.21	4.14	4.28	351		
	2	1	2.97	2.91	3.05	397	394	
		2	3.66	3.59	3.73	403		
		3	4.10	4.03	4.17	404		
		4	4.50	4.44	4.58	396		
		5	4.75	4.68	4.82	414		
		6	5.18	5.11	5.25	402		
		7	5.57	5.50	5.64	380		
		8	5.78	5.71	5.85	356		
PCB-1260	1	1	6.08	6.01	6.15	390	367	5.3
		2	6.54	6.47	6.61	380		
		3	6.98	6.91	7.05	365		
		4	7.18	7.11	7.25	356		
		5	7.61	7.54	7.68	372		
		6	8.91	8.84	8.98	397		
		7	9.13	9.06	9.20	327		
		8	10.17	10.10	10.24	352		
	2	1	7.48	7.41	7.55	394	388	
		2	7.79	7.72	7.86	396		
		3	8.26	8.19	8.33	398		
		4	9.38	9.31	9.45	393		
		5	9.50	9.43	9.57	381		
		6	9.94	9.87	10.01	398		
		7	10.64	10.57	10.71	391		
		8	11.11	11.04	11.18	350		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89296/2-A
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/13/2011 09:36 Date Analyzed (2): 10/13/2011 09:36
 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	2.08	2.01	2.15	373	364	5.6
		2	2.52	2.45	2.59	355		
		3	2.77	2.70	2.84	319		
		4	3.13	3.06	3.20	374		
		5	3.33	3.26	3.40	373		
		6	3.68	3.61	3.75	387		
		7	4.04	3.97	4.11	363		
		8	4.19	4.12	4.26	367		
	2	1	2.96	2.89	3.03	396	385	
		2	3.64	3.57	3.71	399		
		3	4.09	4.01	4.15	396		
		4	4.49	4.42	4.56	391		
		5	4.73	4.66	4.80	398		
		6	5.17	5.10	5.24	386		
		7	5.56	5.49	5.63	359		
		8	5.77	5.70	5.84	354		
PCB-1260	1	1	6.07	6.00	6.14	373	342	7.4
		2	6.53	6.46	6.60	354		
		3	6.98	6.90	7.04	327		
		4	7.17	7.10	7.24	340		
		5	7.61	7.53	7.67	341		
		6	8.91	8.83	8.97	335		
		7	9.12	9.04	9.18	315		
		8	10.17	10.09	10.23	350		
	2	1	7.47	7.40	7.54	367	368	
		2	7.79	7.71	7.85	369		
		3	8.25	8.18	8.32	374		
		4	9.37	9.30	9.44	379		
		5	9.49	9.42	9.56	376		
		6	9.94	9.86	10.00	373		
		7	10.64	10.57	10.71	355		
		8	11.11	11.04	11.18	350		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-C MS
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/13/2011 12:43 Date Analyzed (2): 10/13/2011 12:43
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.09	2.01	2.15	342	320	3.9
		2	2.53	2.45	2.59	303		
		3	2.78	2.70	2.84	295		
		4	3.13	3.06	3.20	320		
		5	3.34	3.26	3.40	330		
		6	3.68	3.61	3.75	337		
		7	4.04	3.97	4.11	315		
	2	1	2.96	2.89	3.03	356	333	
		2	3.64	3.57	3.71	334		
		3	4.09	4.01	4.15	330		
		4	4.49	4.42	4.56	342		
		5	4.73	4.66	4.80	347		
		6	5.17	5.10	5.24	347		
		7	5.56	5.49	5.63	317		
		8	5.77	5.70	5.84	291		
PCB-1260	1	1	6.07	6.00	6.14	332	319	0.2
		2	6.52	6.46	6.60	319		
		3	6.97	6.90	7.04	307		
		4	7.17	7.10	7.24	306		
		5	7.60	7.53	7.67	319		
		6	8.89	8.83	8.97	329		
	2	1	7.47	7.40	7.54	320	318	
		2	7.78	7.71	7.85	333		
		3	8.25	8.18	8.32	332		
		4	9.37	9.30	9.44	330		
		5	9.49	9.42	9.56	317		
		6	9.94	9.86	10.00	328		
		7	10.64	10.57	10.71	311		
		8	11.11	11.04	11.18	272		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-D MSD
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/13/2011 12:59 Date Analyzed (2): 10/13/2011 12:59
 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	2.09	2.01	2.15	320	309	4.3
		2	2.52	2.45	2.59	295		
		3	2.77	2.70	2.84	290		
		4	3.13	3.06	3.20	336		
		5	3.33	3.26	3.40	317		
		6	3.68	3.61	3.75	315		
		7	4.04	3.97	4.11	302		
		8	4.19	4.12	4.26	297		
	2	1	2.96	2.89	3.03	353	323	
		2	3.64	3.57	3.71	329		
		3	4.09	4.01	4.15	327		
		4	4.49	4.42	4.56	321		
		5	4.73	4.66	4.80	329		
		6	5.17	5.10	5.24	330		
		7	5.56	5.49	5.63	307		
		8	5.77	5.70	5.84	287		
PCB-1260	1	1	6.07	6.00	6.14	334	320	3.4
		2	6.52	6.46	6.60	319		
		3	6.96	6.90	7.04	305		
		4	7.16	7.10	7.24	311		
		5	7.60	7.53	7.67	317		
		6	8.89	8.83	8.97	332		
	2	1	7.47	7.40	7.54	312	309	
		2	7.78	7.71	7.85	324		
		3	8.25	8.18	8.32	323		
		4	9.37	9.30	9.44	319		
		5	9.49	9.42	9.56	296		
		6	9.93	9.86	10.00	314		
		7	10.64	10.57	10.71	313		
		8	11.11	11.04	11.18	272		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
Matrix: Solid Lab File ID: vf465547.d
Analysis Method: 8082 Date Collected: 10/04/2011 10:15
Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 14:17
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 16.9 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89520 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	64		30-150

Data File: vf465547.d
Report Date: 14-Oct-2011 11:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/vf465547.d
Lab Smp Id: 460-32128-D-6-C Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 14:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-6-C
Misc Info : 460-32128-D-6-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/08Vf8082.m
Meth Date : 14-Oct-2011 11:19 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	16.85912	% 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						
11.543	11.544	-0.001	3012671	32.0420	26 80.00- 120.00	100.00

Data File: vf465547.d

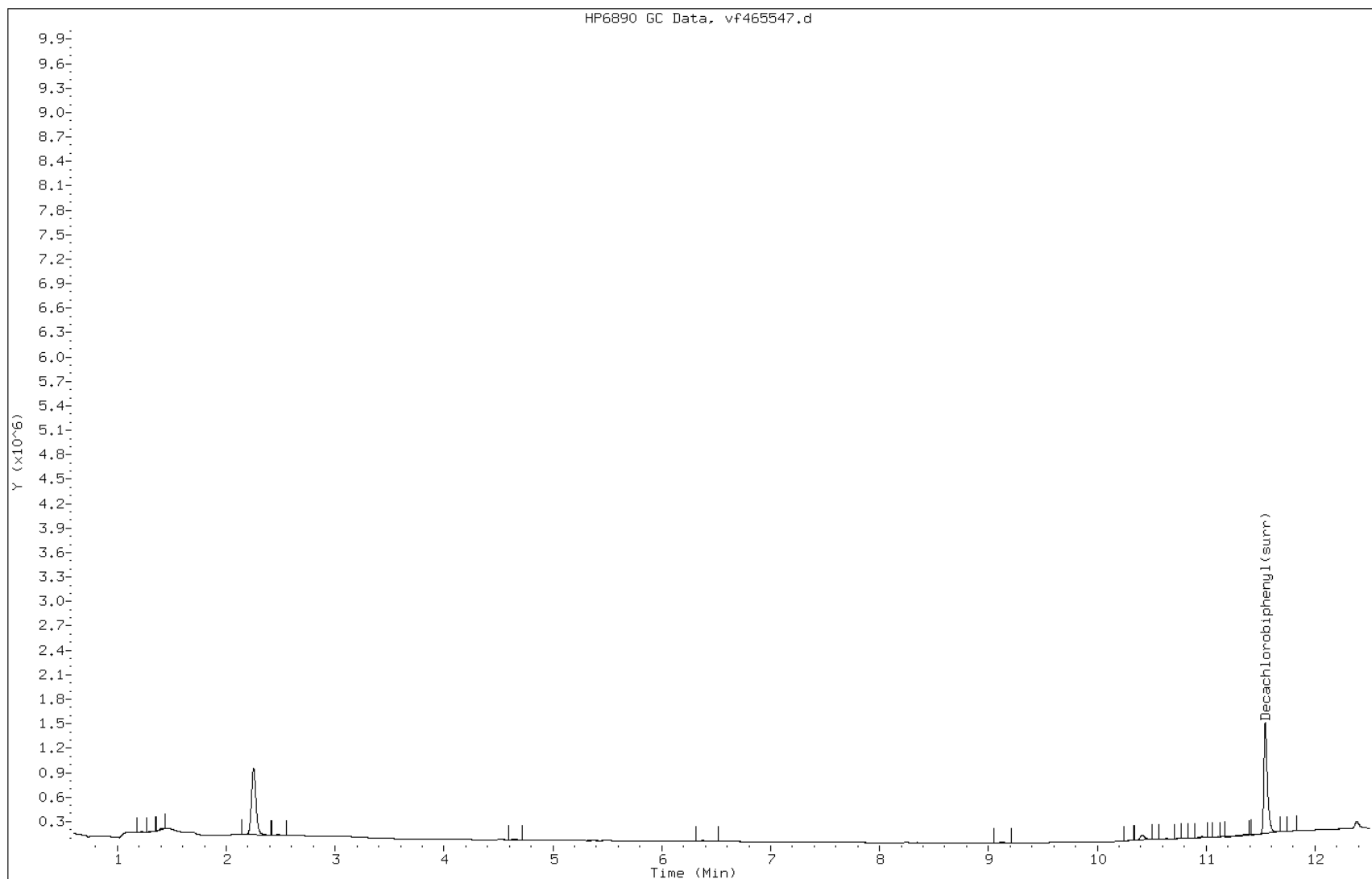
Date: 13-OCT-2011 14:17

Client ID: S0-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-6-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: SO-17338-100411-MM-131 Lab Sample ID: 460-32128-6
 Matrix: Solid Lab File ID: vr465547.d
 Analysis Method: 8082 Date Collected: 10/04/2011 10:15
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.04(g) Date Analyzed: 10/13/2011 14:17
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 16.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89520 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	80	U	80	15
11104-28-2	PCB-1221	80	U	80	24
11141-16-5	PCB-1232	80	U	80	46
53469-21-9	PCB-1242	80	U	80	15
12672-29-6	PCB-1248	80	U	80	21
11097-69-1	PCB-1254	80	U	80	27
11096-82-5	PCB-1260	80	U	80	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	58		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/vr465547.d
Lab Smp Id: 460-32128-D-6-C Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 14:17
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-6-C
Misc Info : 460-32128-D-6-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/08Vr8082.m
Meth Date : 14-Oct-2011 11:09 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	16.85912	% 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						
10.625	10.626	-0.001	4313438	28.9367	23 80.00- 120.00	100.00

Data File: vr465547.d

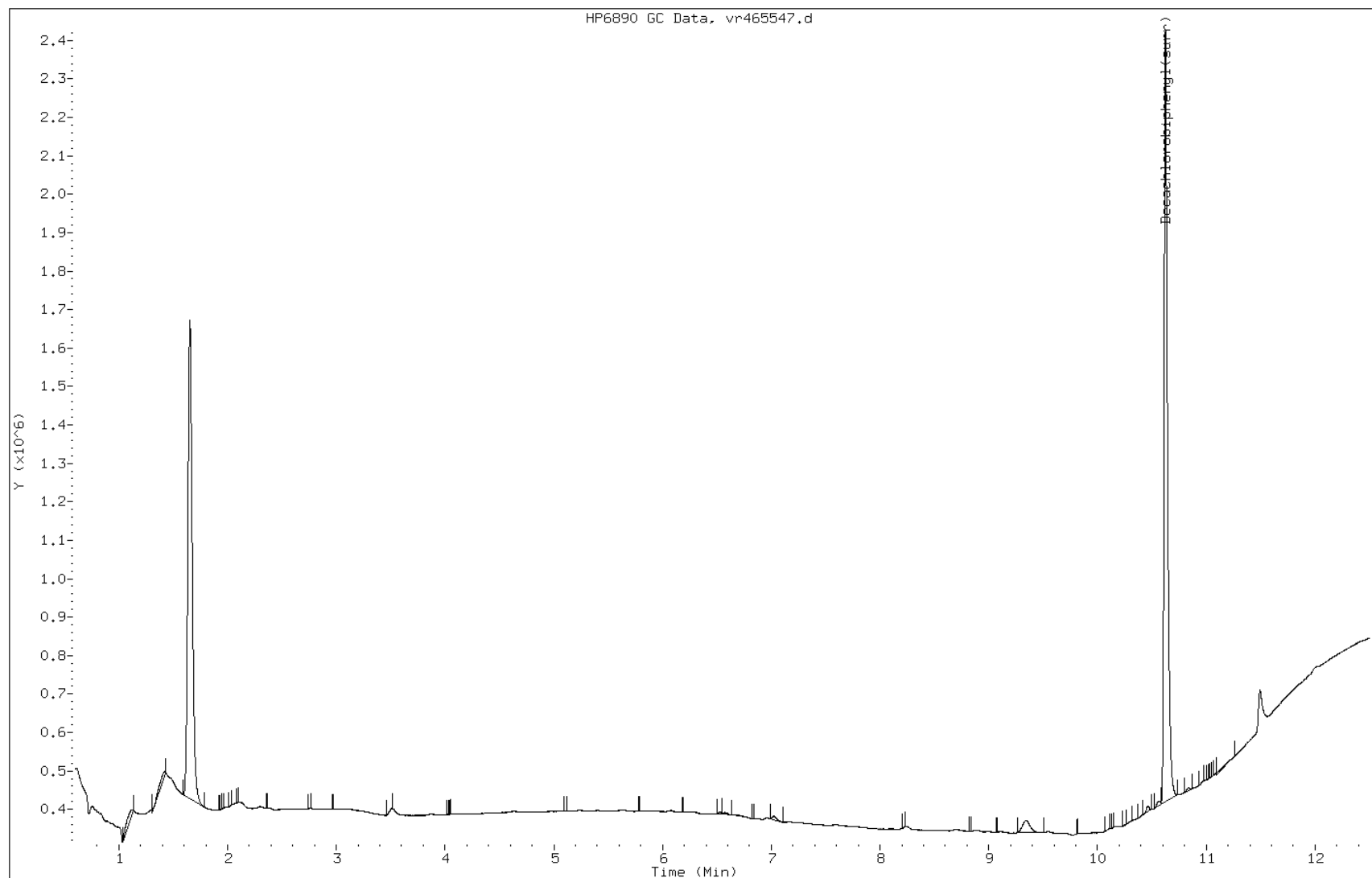
Date: 13-OCT-2011 14:17

Client ID: S0-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-6-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
Matrix: Solid Lab File ID: vf465548.d
Analysis Method: 8082 Date Collected: 10/04/2011 10:20
Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 14:32
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 18.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89520 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		30-150

Data File: vf465548.d
Report Date: 14-Oct-2011 11:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/vf465548.d
Lab Smp Id: 460-32128-D-7-C Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 14:32
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-7-C
Misc Info : 460-32128-D-7-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/08Vf8082.m
Meth Date : 14-Oct-2011 11:19 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	18.55011	% 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						
11.544	11.544	0.000	4497681	47.8362	39 80.00- 120.00	100.00

Data File: vf465548.d

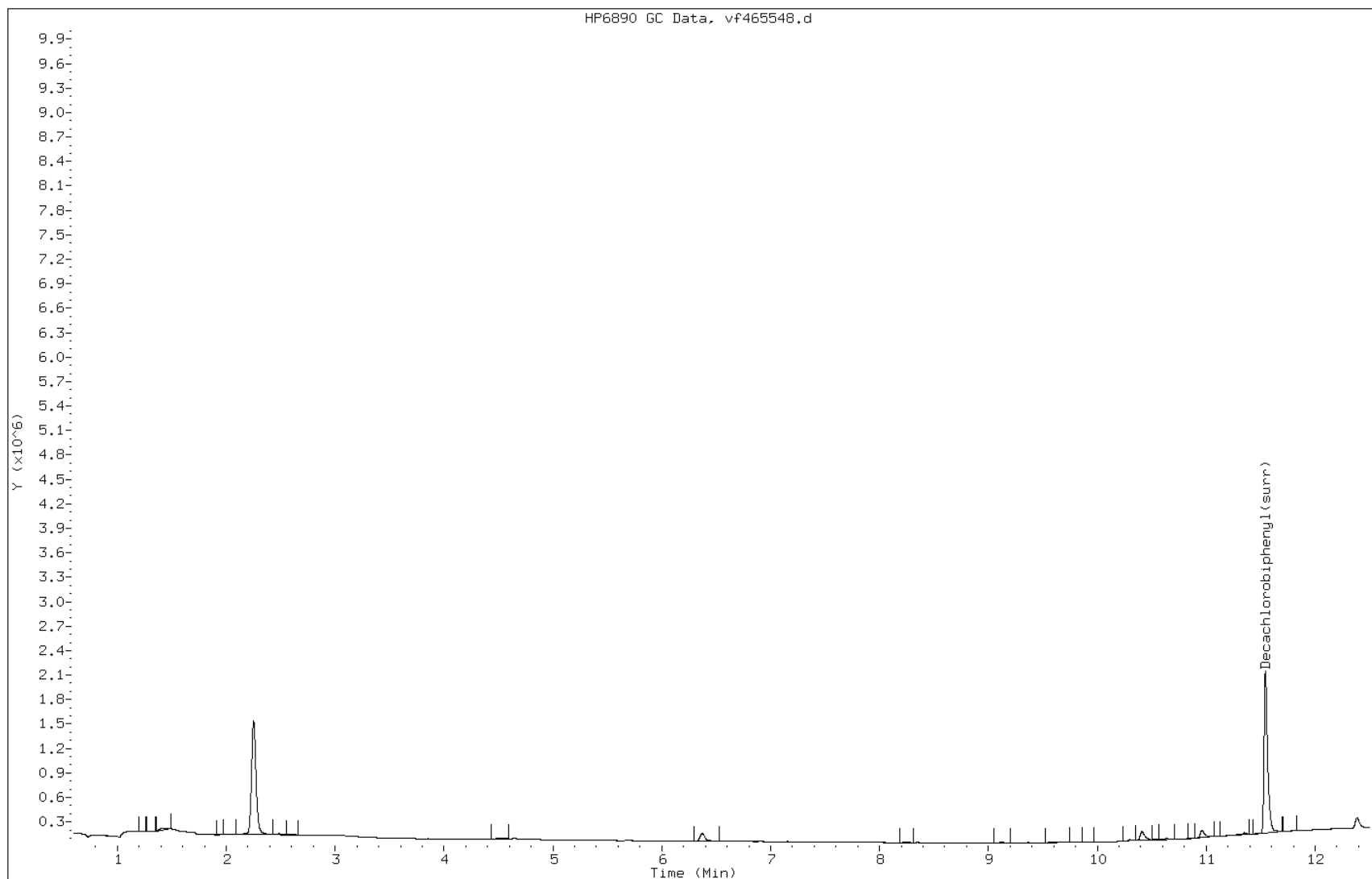
Date: 13-OCT-2011 14:32

Client ID: S0-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-7-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: SO-17338-100411-MM-132 Lab Sample ID: 460-32128-7
 Matrix: Solid Lab File ID: vr465548.d
 Analysis Method: 8082 Date Collected: 10/04/2011 10:20
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 14:32
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 18.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89520 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	82	U	82	16
11104-28-2	PCB-1221	82	U	82	25
11141-16-5	PCB-1232	82	U	82	47
53469-21-9	PCB-1242	82	U	82	16
12672-29-6	PCB-1248	82	U	82	22
11097-69-1	PCB-1254	82	U	82	28
11096-82-5	PCB-1260	82	U	82	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/vr465548.d
Lab Smp Id: 460-32128-D-7-C Client Smp ID: SO-17338-100411-MM-
Inj Date : 13-OCT-2011 14:32
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-7-C
Misc Info : 460-32128-D-7-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/08Vr8082.m
Meth Date : 14-Oct-2011 11:09 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	18.55011	% 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						
10.625	10.626	-0.001	6466176	43.3784	35 80.00- 120.00	100.00

Data File: vr465548.d

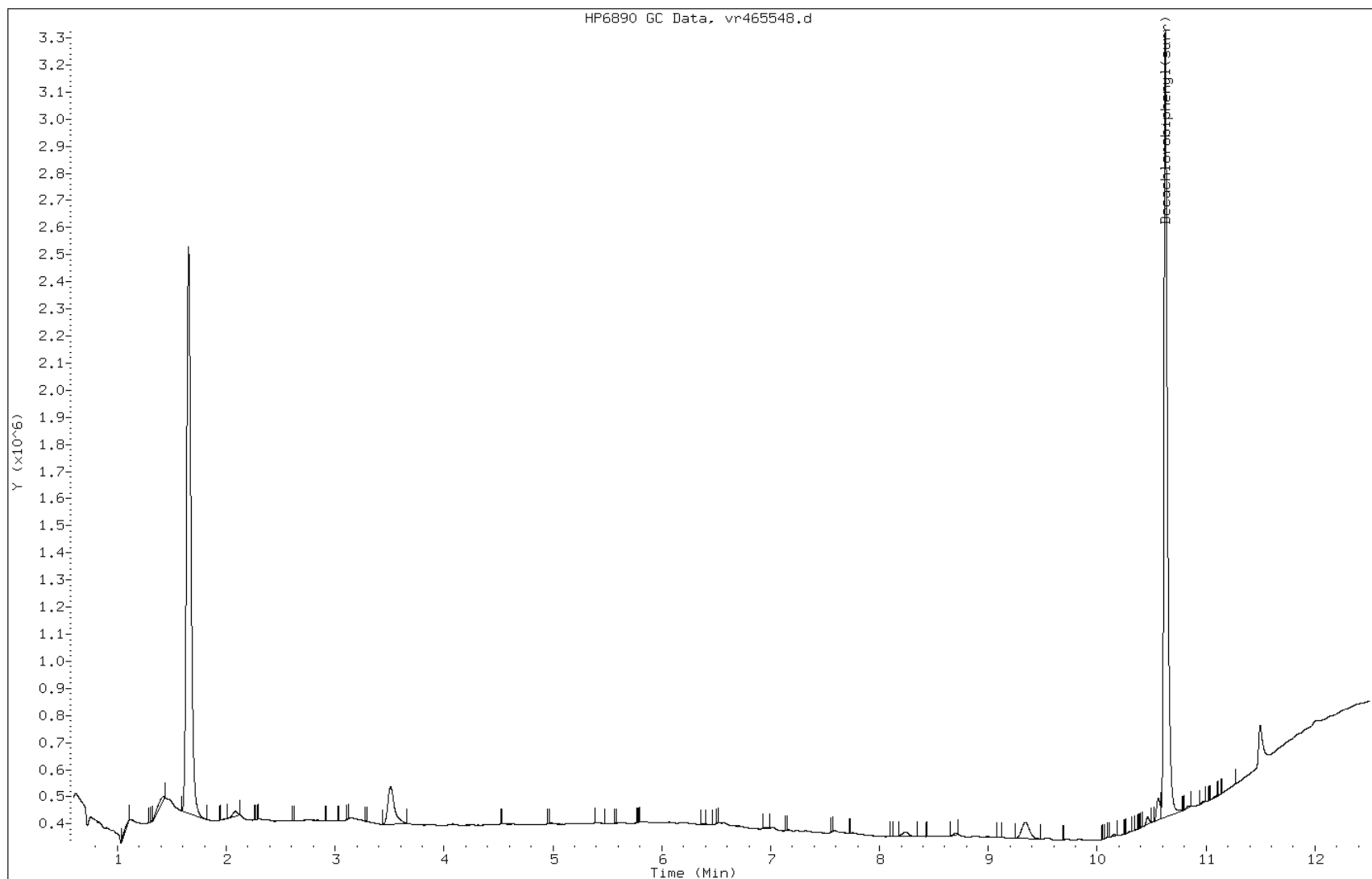
Date: 13-OCT-2011 14:32

Client ID: S0-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-7-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
Matrix: Solid Lab File ID: vf465440.d
Analysis Method: 8082 Date Collected: 10/04/2011 12:30
Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
Sample wt/vol: 15.02(g) Date Analyzed: 10/11/2011 21:03
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 0.0 GPC Cleanup: (Y/N) N
Analysis Batch No.: 89331 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

Data File: vf465440.d
Report Date: 13-Oct-2011 10:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465440.d
Lab Smp Id: 460-32128-D-13-C Client Smp ID: FB-17338-100411-MM-
Inj Date : 11-OCT-2011 21:03
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-13-C
Misc Info : 460-32128-D-13-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:57 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	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			
11.547	11.545	0.002	5510535	58.6087	39 80.00- 120.00	100.00

Data File: vf465440.d

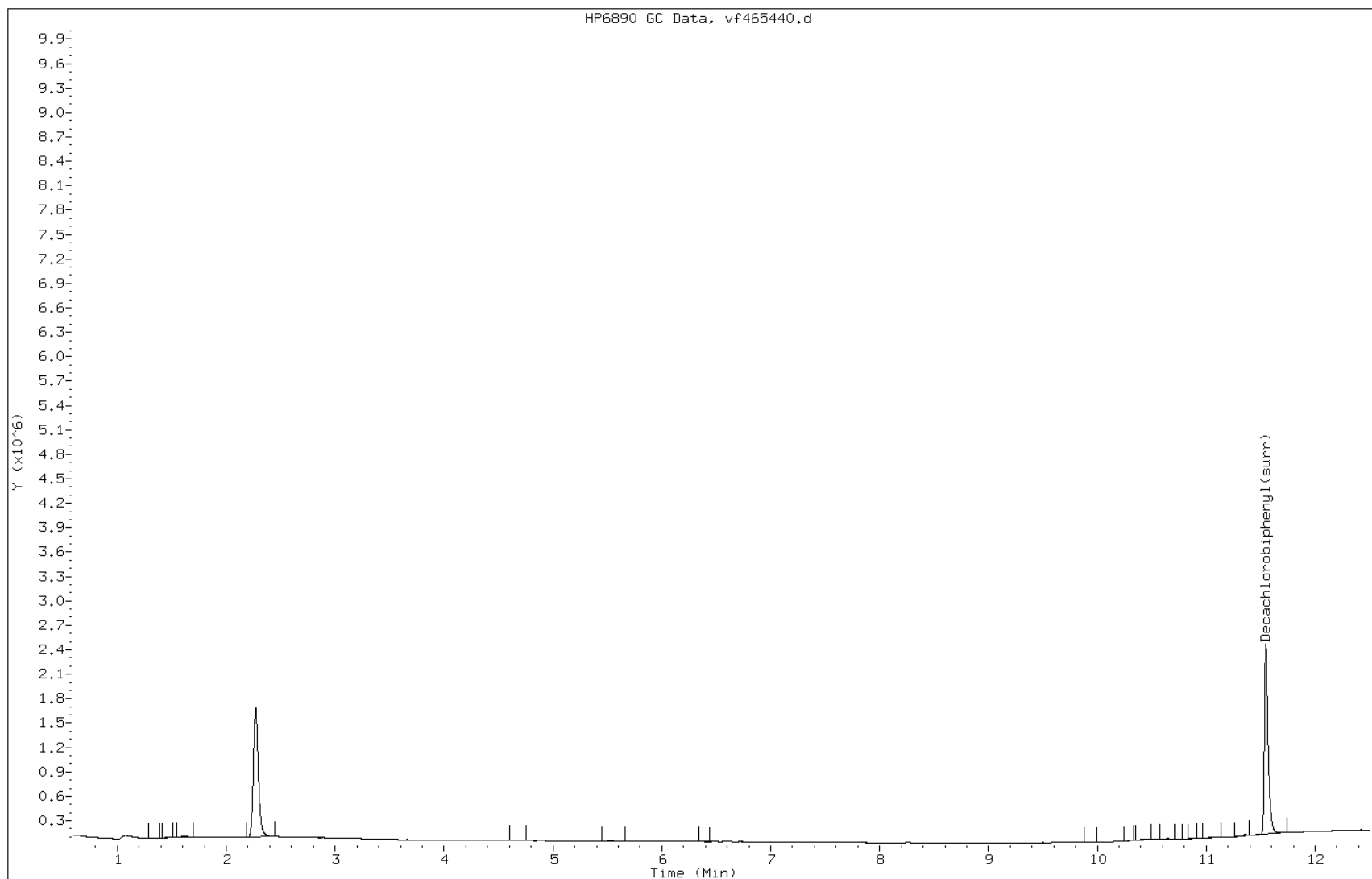
Date: 11-OCT-2011 21:03

Client ID: FB-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13
 Matrix: Solid Lab File ID: vr465440.d
 Analysis Method: 8082 Date Collected: 10/04/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.02(g) Date Analyzed: 10/11/2011 21:03
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89331 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	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465440.d
Lab Smp Id: 460-32128-D-13-C Client Smp ID: FB-17338-100411-MM-
Inj Date : 11-OCT-2011 21:03
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-32128-D-13-C
Misc Info : 460-32128-D-13-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	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						
10.630	10.631	-0.001	8676258	58.2047	39 80.00- 120.00	100.00

Data File: vr465440.d

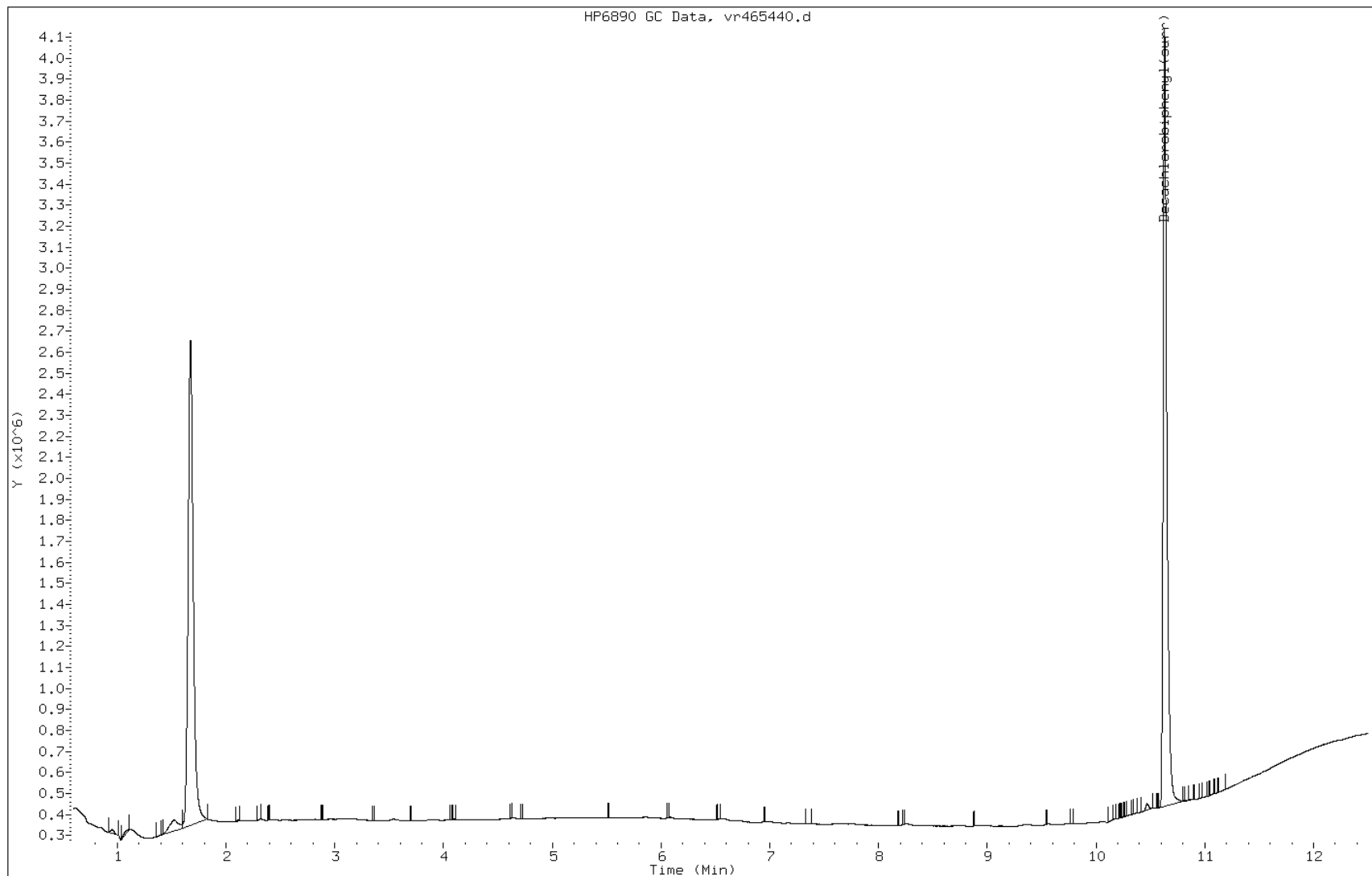
Date: 11-OCT-2011 21:03

Client ID: FB-17338-100411-MM-

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-C

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.968	2.966	2.965	2.963	2.967						2.895 - 3.035	2.966
PCB-1016 Peak 2	3.656	3.652	3.652	3.649	3.655						3.582 - 3.722	3.653
PCB-1016 Peak 3	4.101	4.097	4.097	4.094	4.098						4.027 - 4.167	4.097
PCB-1016 Peak 4	4.501	4.499	4.497	4.495	4.499						4.427 - 4.567	4.498
PCB-1016 Peak 5	4.746	4.744	4.742	4.741	4.744						4.672 - 4.812	4.744
PCB-1016 Peak 6	5.183	5.181	5.179	5.179	5.182						5.109 - 5.249	5.181
PCB-1016 Peak 7	5.571	5.569	5.567	5.567	5.570						5.497 - 5.637	5.569
PCB-1016 Peak 8	5.781	5.779	5.778	5.778	5.780						5.708 - 5.848	5.779
PCB-1260 Peak 1	7.487	7.487	7.484	7.484	7.485						7.414 - 7.554	7.486
PCB-1260 Peak 2	7.804	7.801	7.798	7.799	7.800						7.728 - 7.868	7.801
PCB-1260 Peak 3	8.274	8.272	8.267	8.267	8.267						8.197 - 8.337	8.269
PCB-1260 Peak 4	9.391	9.391	9.386	9.388	9.388						9.316 - 9.456	9.389
PCB-1260 Peak 5	9.511	9.510	9.506	9.507	9.507						9.436 - 9.576	9.508
PCB-1260 Peak 6	9.952	9.951	9.948	9.949	9.950						9.878 - 10.018	9.950
PCB-1260 Peak 7	10.648	10.648	10.647	10.645	10.645						10.577 - 10.717	10.647
PCB-1260 Peak 8	11.116	11.116	11.118	11.114	11.114						11.048 - 11.188	11.116
DCB Decachlorobiphenyl	11.551	11.549	11.554	11.548	11.545						11.454 - 11.654	11.549

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	2538.0 2183.2	2640.6	2436.3	2428.9	Ave		2445.38841				7.0		20.0			
PCB-1016 Peak 2	4575.9 4760.6	5765.1	5269.0	5108.4	Ave		5095.79155				9.1		20.0			
PCB-1016 Peak 3	2015.6 2116.0	2493.4	2314.6	2253.6	Ave		2238.62841				8.2		20.0			
PCB-1016 Peak 4	10497 9092.1	11191	10001	9776.9	Ave		10111.6956				7.8		20.0			
PCB-1016 Peak 5	4312.3 4236.8	5263.5	4691.5	4561.1	Ave		4613.03639				8.8		20.0			
PCB-1016 Peak 6	3011.0 2456.2	3151.2	2746.8	2659.5	Ave		2804.95456				9.9		20.0			
PCB-1016 Peak 7	3563.1 2869.2	3602.1	3228.3	3214.2	Ave		3295.35624				9.1		20.0			
PCB-1016 Peak 8	3665.6 3145.3	3664.3	3280.1	3398.0	Ave		3430.64316				6.8		20.0			
PCB-1260 Peak 1	3942.7 3371.9	3949.7	3904.1	3595.3	Ave		3752.73553				6.9		20.0			
PCB-1260 Peak 2	8119.6 6716.3	7989.1	7699.4	7150.5	Ave		7534.95217				7.8		20.0			
PCB-1260 Peak 3	9388.0 8164.0	9276.0	9268.1	8668.5	Ave		8952.90855				5.8		20.0			
PCB-1260 Peak 4	6452.1 5919.6	7071.1	6803.4	6325.9	Ave		6514.44595				6.8		20.0			
PCB-1260 Peak 5	3309.1 3317.8	3822.4	3724.9	3499.2	Ave		3534.67944				6.6		20.0			
PCB-1260 Peak 6	5499.9 5485.1	6236.4	6159.1	5826.7	Ave		5841.43645				6.1		20.0			
PCB-1260 Peak 7	7211.1 6685.0	7799.7	7708.7	7248.2	Ave		7330.54127				6.1		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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	3302.2 2894.4	3246.7	3253.1	2970.3	Ave		3133.32176				6.0		20.0			
DCB Decachlorobiphenyl	95172 84171	106040	94418	90312	Ave		94022.5470				8.5		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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	253802	1320281	2436325	3643306	5457911	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	457590	2882559	5268996	7662560	11901426	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	201560	1246712	2314551	3380425	5289876	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1049718	5595732	10000889	14665308	22730183	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	431225	2631742	4691489	6841685	10592089	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	301102	1575613	2746808	3989229	6140582	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	356309	1801050	3228284	4821231	7172883	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	366556	1832152	3280083	5096946	7863262	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	394273	1974852	3904093	5392915	8429685	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	811962	3994525	7699351	10725679	16790718	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	938801	4638010	9268093	13002701	20409881	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	645213	3535538	6803444	9488921	14799081	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	330913	1911206	3724916	5248758	8294418	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	549989	3118215	6159056	8740078	13712719	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	721107	3899851	7708745	10872314	16712450	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	330215	1623331	3253106	4455405	7236052	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	2379304	5301997	9441793	13546740	16834221	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vf464913.d
Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464913.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 29-SEP-2011 12:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 12:19 Cal File: vf464913.d
Als bottle: 6 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								
			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	2.965	0.003	253802	100.000	100	80.00-	120.00	100.00(M)
3.656	3.652	0.004	457590	100.000	90	144.24-	216.35	180.29
4.101	4.097	0.004	201560	100.000	90	63.53-	95.30	79.42
4.501	4.497	0.004	1049718	100.000	100	330.88-	496.32	413.60
4.746	4.742	0.004	431225	100.000	93	135.92-	203.89	169.91
5.183	5.179	0.004	301102	100.000	110	94.91-	142.36	118.64
5.571	5.567	0.004	356309	100.000	110	112.31-	168.47	140.39
5.781	5.778	0.003	366556	100.000	110	115.54-	173.31	144.43
Average of Peak Amounts =					100			

27 Aroclor-1260					CAS #: 11096-82-5				
7.487	7.484	0.003	394273	100.000	100	80.00- 120.00	100.00(M)		

Data File: vf464913.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.804	7.798	0.006	811962	100.000	110	164.75-	247.13	205.94	
8.274	8.267	0.007	938801	100.000	100	190.49-	285.73	238.11	
9.391	9.386	0.005	645213	100.000	99	130.92-	196.38	163.65	
9.511	9.506	0.005	330913	100.000	94	67.14-	100.72	83.93	
9.952	9.948	0.004	549989	100.000	94	111.60-	167.39	139.49	
10.648	10.647	0.001	721107	100.000	98	146.32-	219.47	182.90	
11.116	11.118	-0.002	330215	100.000	100	67.00-	100.50	83.75	
Average of Peak Amounts =					101				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.551	11.554	-0.003	2379304	25.0000	25	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464913.d

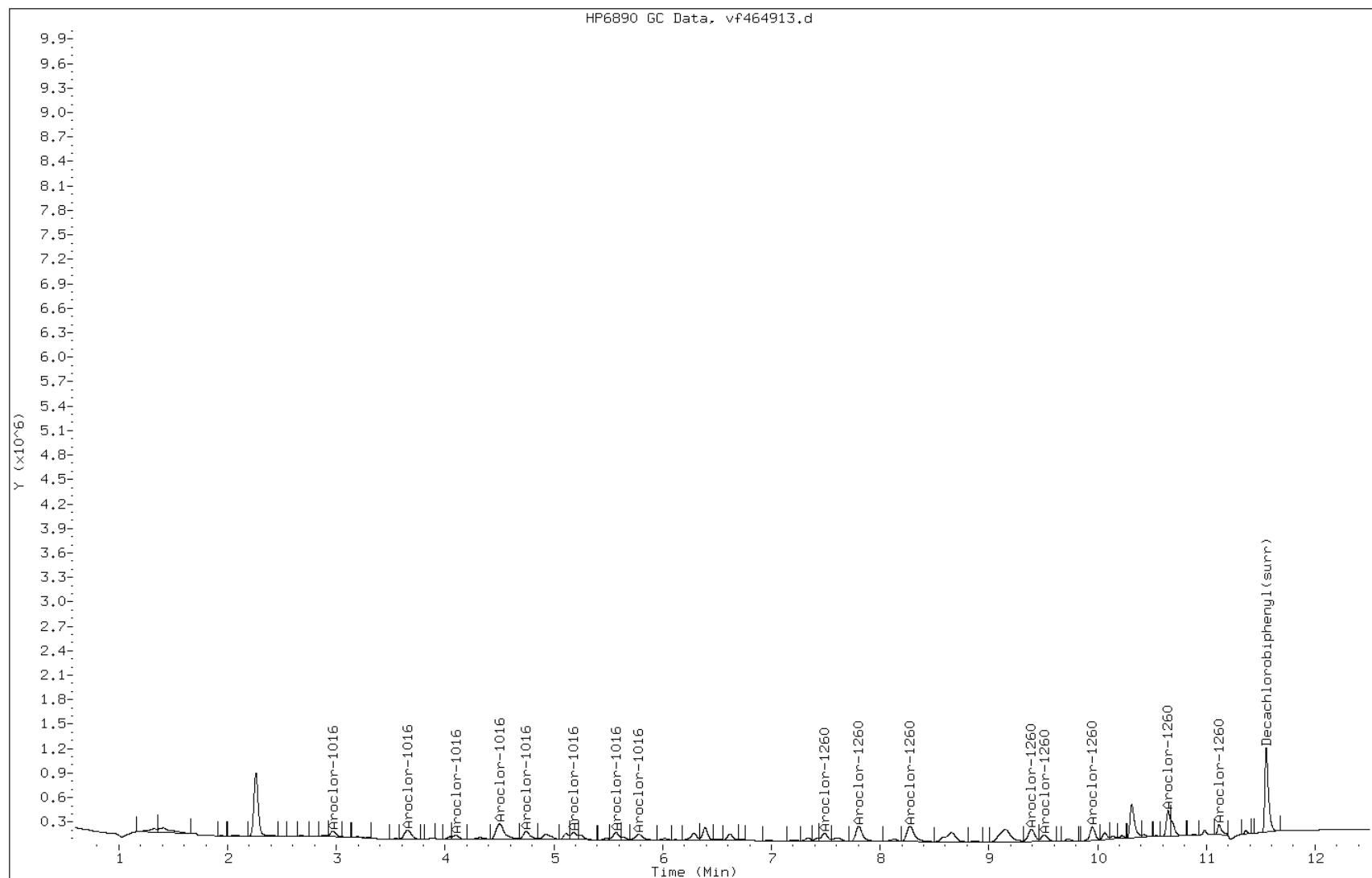
Date: 29-SEP-2011 12:19

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Data File: vf464914.d
Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464914.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 29-SEP-2011 12:34
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 12:34 Cal File: vf464914.d
Als bottle: 7 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: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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				
2.966	2.965	0.001	1320281	500.000	540	80.00-	120.00	100.00(M)	
3.652	3.652	0.000	2882559	500.000	560	174.66-	262.00	218.33	
4.097	4.097	0.000	1246712	500.000	560	75.54-	113.31	94.43	
4.499	4.497	0.002	5595732	500.000	550	339.06-	508.59	423.83	
4.744	4.742	0.002	2631742	500.000	570	159.47-	239.20	199.33	
5.181	5.179	0.002	1575613	500.000	560	95.47-	143.21	119.34	
5.569	5.567	0.002	1801050	500.000	550	109.13-	163.70	136.41	
5.779	5.778	0.001	1832152	500.000	530	111.02-	166.52	138.77	
Average of Peak Amounts =					554				

27 Aroclor-1260					CAS #: 11096-82-5				
7.487	7.484	0.003	1974852	500.000	530	80.00-	120.00	100.00(M)	

Data File: vf464914.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====		=====	=====	
27 Aroclor-1260 (continued)									
7.801	7.798	0.003	3994525	500.000	530	161.82-	242.72	202.27	
8.272	8.267	0.005	4638010	500.000	520	187.88-	281.82	234.85	
9.391	9.386	0.005	3535538	500.000	540	143.22-	214.83	179.03	
9.510	9.506	0.004	1911206	500.000	540	77.42-	116.13	96.78	
9.951	9.948	0.003	3118215	500.000	530	126.32-	189.48	157.90	
10.648	10.647	0.001	3899851	500.000	530	157.98-	236.97	197.48	
11.116	11.118	-0.002	1623331	500.000	520	65.76-	98.64	82.20	
Average of Peak Amounts =					530				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.549	11.554	-0.005	5301997	50.0000	56	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464914.d

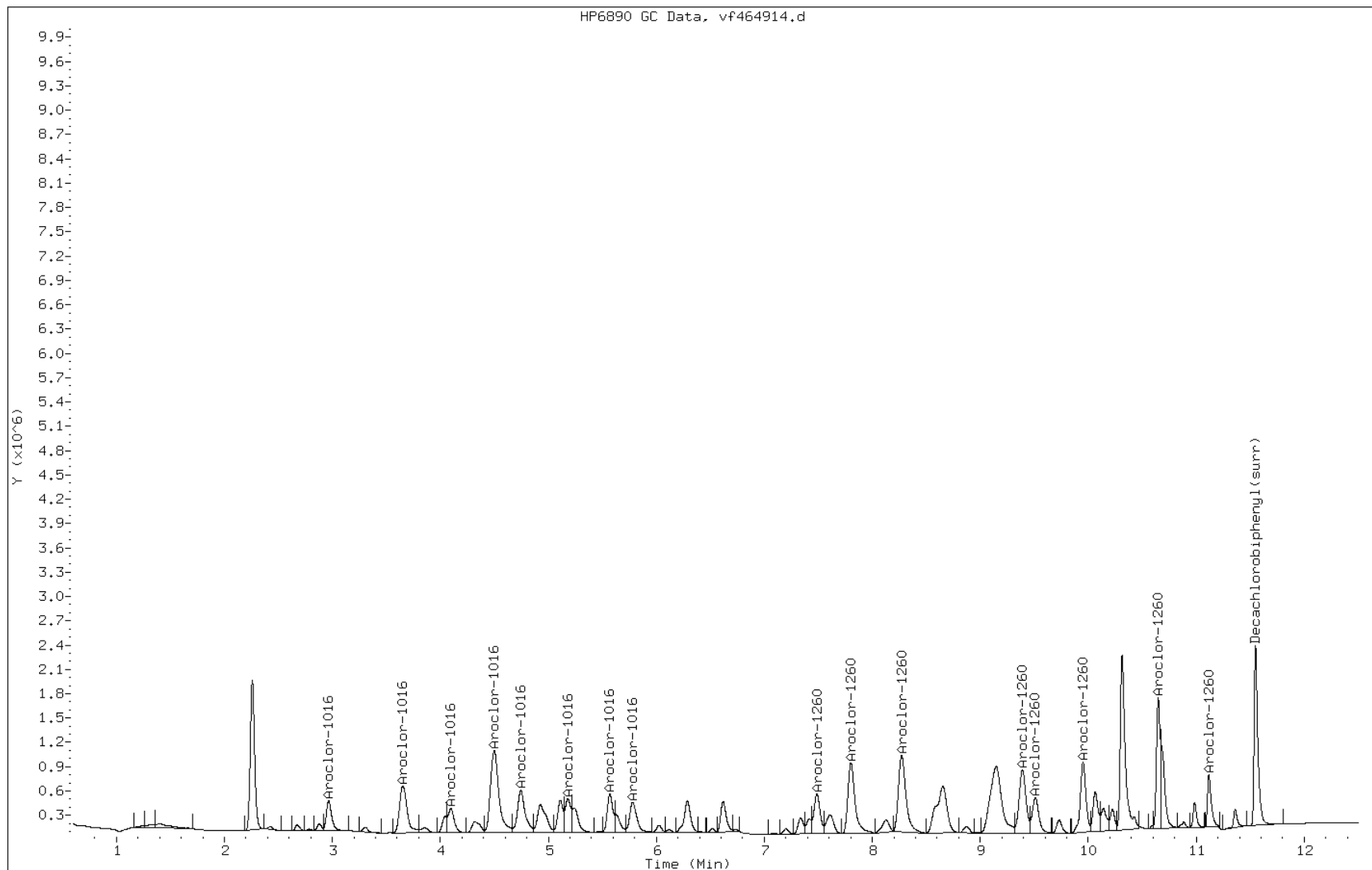
Date: 29-SEP-2011 12:34

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Data File: vf464915.d
Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464915.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 29-SEP-2011 12:50
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:51 shanthi
Cal Date : 29-SEP-2011 15:10
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: vf464924.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				
2.965	2.965	0.000	2436325	1000.00	1000	80.00-	120.00	100.00(M)	
3.652	3.652	0.000	5268996	1000.00	1000	173.01-	259.52	216.27	
4.097	4.097	0.000	2314551	1000.00	1000	76.00-	114.00	95.00	
4.497	4.497	0.000	10000889	1000.00	990	328.39-	492.59	410.49	
4.742	4.742	0.000	4691489	1000.00	1000	154.05-	231.08	192.56	
5.179	5.179	0.000	2746808	1000.00	980	90.20-	135.29	112.74	
5.567	5.567	0.000	3228284	1000.00	980	106.01-	159.01	132.51	
5.778	5.778	0.000	3280083	1000.00	960	107.71-	161.56	134.63	
Average of Peak Amounts =					998				

27 Aroclor-1260					CAS #: 11096-82-5				
7.484	7.484	0.000	3904093	1000.00	1000	80.00-	120.00	100.00(M)	

Data File: vf464915.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT	ON-COL	TARGET	RANGE	RATIO	
				(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.798	7.798	0.000	7699351	1000.00	1000	157.77-	236.65	197.21	
8.267	8.267	0.000	9268093	1000.00	1000	189.92-	284.87	237.39	
9.386	9.386	0.000	6803444	1000.00	1000	139.41-	209.12	174.26	
9.506	9.506	0.000	3724916	1000.00	1000	76.33-	114.49	95.41	
9.948	9.948	0.000	6159056	1000.00	1000	126.21-	189.31	157.76	
10.647	10.647	0.000	7708745	1000.00	1000	157.96-	236.94	197.45	
11.118	11.118	0.000	3253106	1000.00	1000	66.66-	99.99	83.33	
Average of Peak Amounts =					1.04e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.554	11.554	0.000	9441793	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464915.d

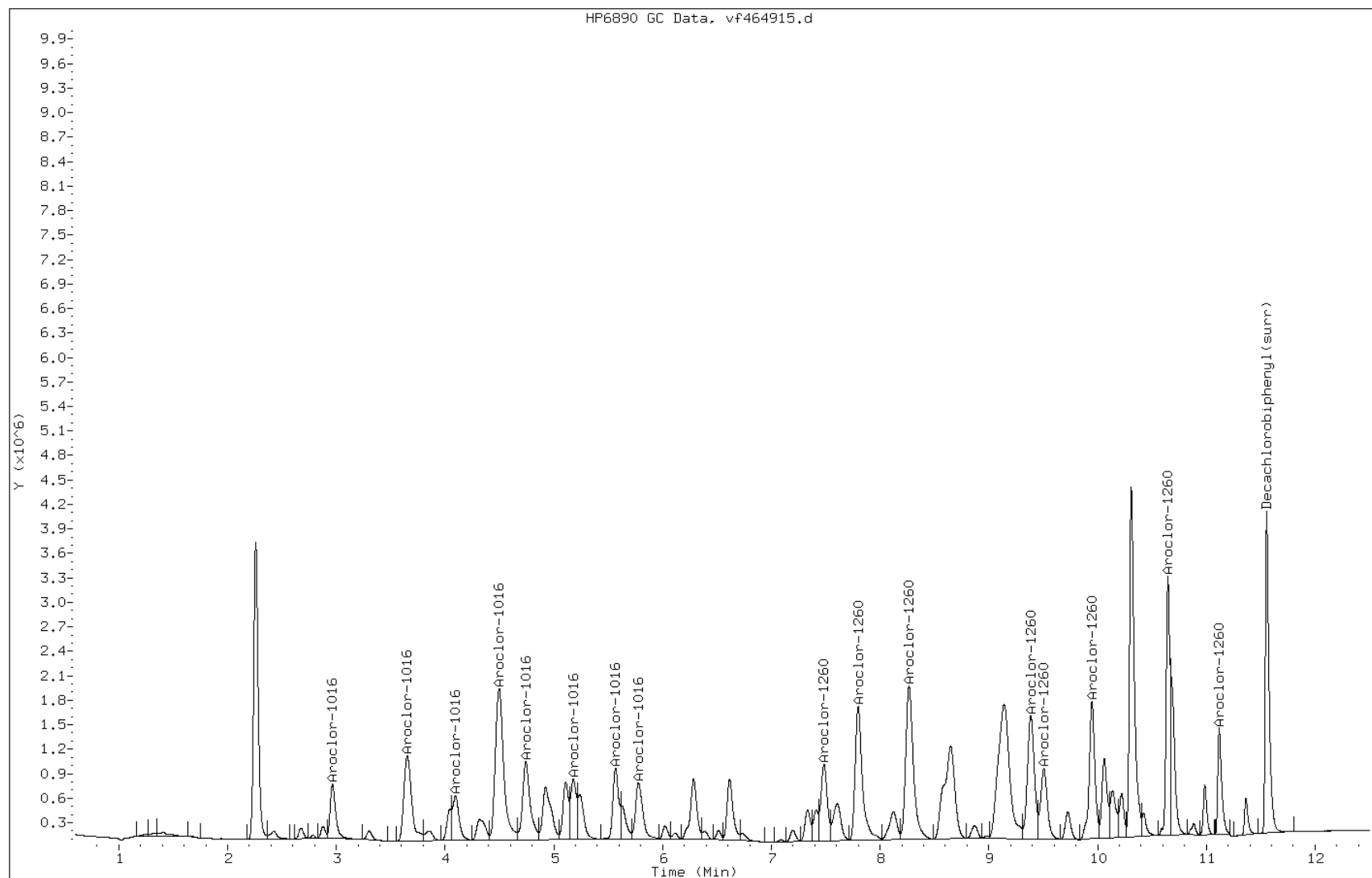
Date: 29-SEP-2011 12:50

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Data File: vf464916.d
Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464916.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 29-SEP-2011 13:06
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:52 shanthi
Cal Date : 29-SEP-2011 13:06
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: vf464916.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							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
21 Aroclor-1016			CAS #: 12674-11-2						
2.963	2.965	-0.002	3643306 1500.00	1500	80.00- 120.00	100.00(M)			
3.649	3.652	-0.003	7662560 1500.00	1500	168.26- 252.38	210.32			
4.094	4.097	-0.003	3380425 1500.00	1500	74.23- 111.34	92.78			
4.495	4.497	-0.002	14665308 1500.00	1400	322.02- 483.03	402.53			
4.741	4.742	-0.001	6841685 1500.00	1500	150.23- 225.35	187.79			
5.178	5.179	-0.001	3989229 1500.00	1400	87.60- 131.39	109.49			
5.567	5.567	0.000	4821231 1500.00	1500	105.86- 158.80	132.33			
5.778	5.778	0.000	5096946 1500.00	1500	111.92- 167.88	139.90			
Average of Peak Amounts =			1.48e+03						

27 Aroclor-1260			CAS #: 11096-82-5						
7.484	7.484	0.000	5392915 1500.00	1400	80.00- 120.00	100.00(M)			

Data File: vf464916.d
 Report Date: 29-Sep-2011 15:52

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.799	7.798	0.001	10725679	1500.00	1400	159.11-	238.66	198.88	
8.267	8.267	0.000	13002701	1500.00	1400	192.89-	289.33	241.11	
9.388	9.386	0.002	9488921	1500.00	1400	140.76-	211.14	175.95	
9.507	9.506	0.001	5248758	1500.00	1500	77.86-	116.79	97.33	
9.949	9.948	0.001	8740078	1500.00	1500	129.65-	194.48	162.07	
10.645	10.647	-0.002	10872314	1500.00	1500	161.28-	241.92	201.60	
11.114	11.118	-0.004	4455405	1500.00	1400	66.09-	99.14	82.62	
Average of Peak Amounts =					1.46e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.548	11.554	-0.006	13546740	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464916.d

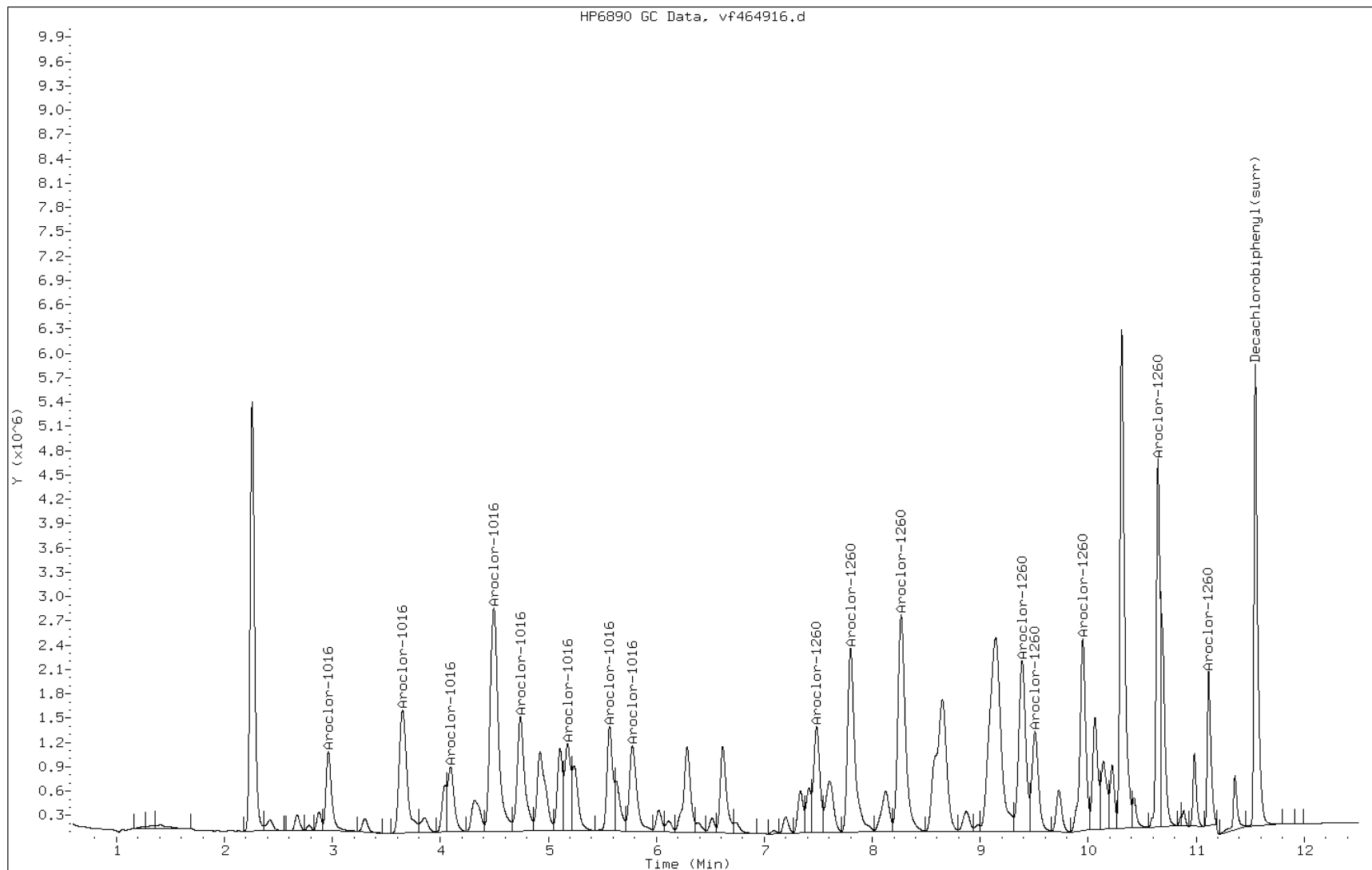
Date: 29-SEP-2011 13:06

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



Data File: vf464917.d
Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464917.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 29-SEP-2011 13:21
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:52 shanthi
Cal Date : 29-SEP-2011 13:21
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: vf464917.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				
2.967	2.965	0.002	5457911	2500.00	2200	80.00-	120.00	100.00(M)	
3.655	3.652	0.003	11901426	2500.00	2300	174.45-	261.67	218.06	
4.098	4.097	0.001	5289876	2500.00	2400	77.54-	116.31	96.92	
4.499	4.497	0.002	22730183	2500.00	2200	333.17-	499.76	416.46	
4.744	4.742	0.002	10592089	2500.00	2300	155.25-	232.88	194.07	
5.182	5.179	0.003	6140582	2500.00	2200	90.01-	135.01	112.51	
5.570	5.567	0.003	7172883	2500.00	2200	105.14-	157.71	131.42	
5.780	5.778	0.002	7863262	2500.00	2300	115.26-	172.89	144.07	
Average of Peak Amounts =					2.27e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.485	7.484	0.001	8429685	2500.00	2200	80.00-	120.00	100.00(M)	

Data File: vf464917.d
 Report Date: 29-Sep-2011 15:52

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.800	7.798	0.002	16790718	2500.00	2200	159.35-	239.02	199.19
8.267	8.267	0.000	20409881	2500.00	2300	193.70-	290.54	242.12
9.388	9.386	0.002	14799081	2500.00	2300	140.45-	210.67	175.56
9.507	9.506	0.001	8294418	2500.00	2300	78.72-	118.07	98.40
9.950	9.948	0.002	13712719	2500.00	2300	130.14-	195.21	162.67
10.645	10.647	-0.002	16712450	2500.00	2300	158.61-	237.91	198.26
11.114	11.118	-0.004	7236052	2500.00	2300	68.67-	103.01	85.84
Average of Peak Amounts =					2.29e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.545	11.554	-0.009	16834221	200.000	180	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464917.d

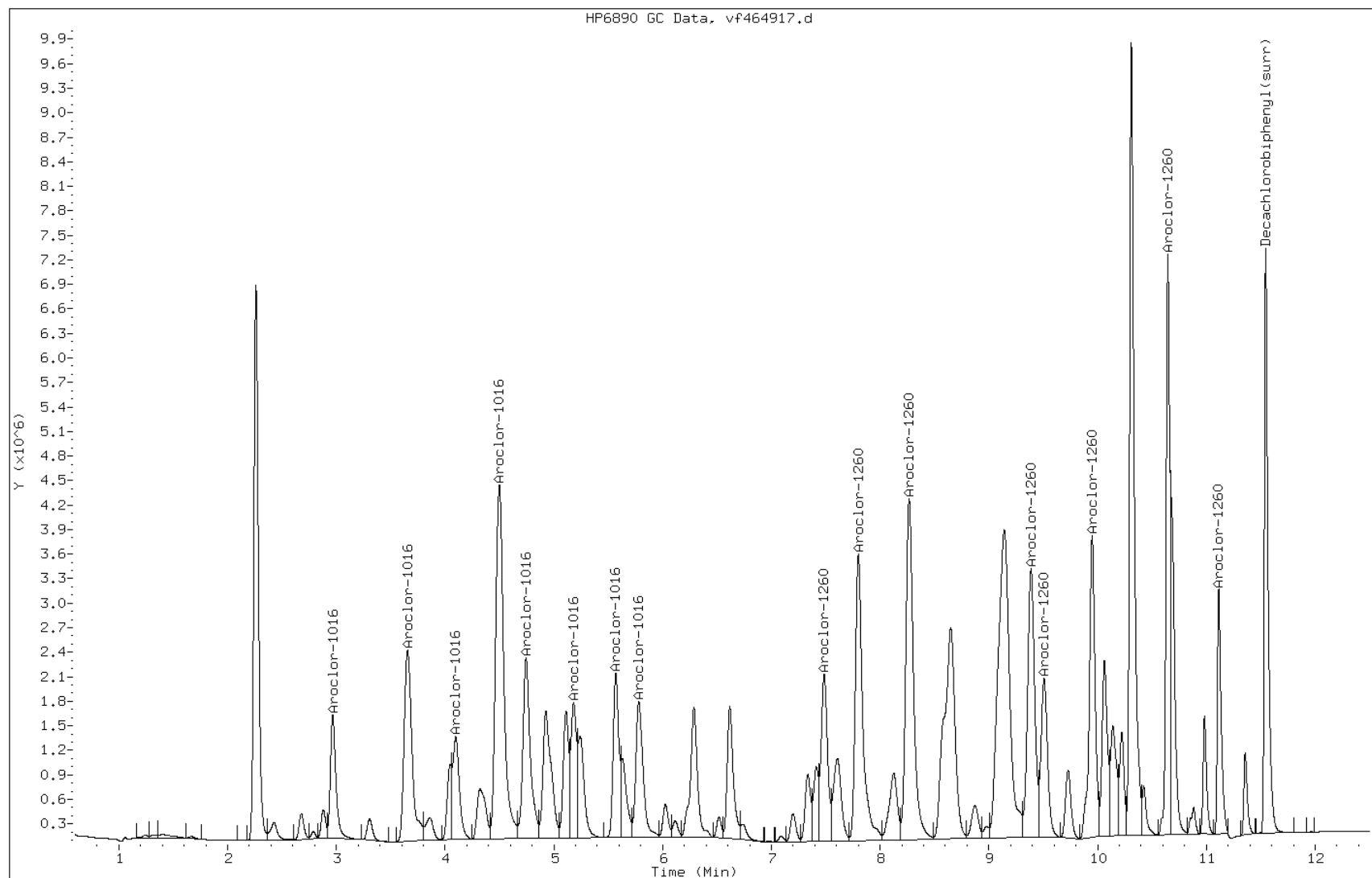
Date: 29-SEP-2011 13:21

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.097	2.096	2.095	2.094	2.095						2.025 - 2.165	2.096
PCB-1016 Peak 2	2.536	2.534	2.534	2.534	2.535						2.464 - 2.604	2.535
PCB-1016 Peak 3	2.788	2.786	2.785	2.784	2.785						2.715 - 2.855	2.786
PCB-1016 Peak 4	3.148	3.143	3.142	3.139	3.142						3.072 - 3.212	3.143
PCB-1016 Peak 5	3.352	3.347	3.345	3.342	3.345						3.275 - 3.415	3.346
PCB-1016 Peak 6	3.696	3.696	3.696	3.694	3.698						3.626 - 3.766	3.696
PCB-1016 Peak 7	4.059	4.055	4.054	4.054	4.056						3.984 - 4.124	4.056
PCB-1016 Peak 8	4.214	4.206	4.202	4.202	4.205						4.132 - 4.272	4.206
PCB-1260 Peak 1	6.094	6.091	6.089	6.089	6.090						6.019 - 6.159	6.091
PCB-1260 Peak 2	6.551	6.546	6.543	6.543	6.542						6.473 - 6.613	6.545
PCB-1260 Peak 3	7.000	6.992	6.988	6.989	6.987						6.918 - 7.058	6.991
PCB-1260 Peak 4	7.190	7.187	7.185	7.186	7.185						7.115 - 7.255	7.187
PCB-1260 Peak 5	7.628	7.626	7.623	7.624	7.624						7.553 - 7.693	7.625
PCB-1260 Peak 6	8.940	8.935	8.928	8.928	8.925						8.858 - 8.998	8.931
PCB-1260 Peak 7	9.151	9.148	9.145	9.146	9.145						9.075 - 9.215	9.147
PCB-1260 Peak 8	10.184	10.181	10.179	10.179	10.178						10.109 - 10.249	10.180
DCB Decachlorobiphenyl	10.638	10.637	10.637	10.637	10.636						10.537 - 10.737	10.637

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	4262.0 3386.4	4322.1	4079.1	3951.2	Ave		4000.17047				9.3		20.0			
PCB-1016 Peak 2	7657.9 6760.0	8234.3	7547.5	7387.8	Ave		7517.51035				7.1		20.0			
PCB-1016 Peak 3	4122.8 4860.6	5487.3	5423.2	5571.4	Ave		5093.05936				12.0		20.0			
PCB-1016 Peak 4	14993 14249	17077	15832	15675	Ave		15565.1410				6.8		20.0			
PCB-1016 Peak 5	5221.0 5774.6	6877.9	6408.7	6419.9	Ave		6140.43536				10.5		20.0			
PCB-1016 Peak 6	6952.9 6441.5	7448.9	7130.5	6617.8	Ave		6918.33145				5.8		20.0			
PCB-1016 Peak 7	5816.3 5782.2	6511.3	6170.7	6127.7	Ave		6081.62184				4.9		20.0			
PCB-1016 Peak 8	2429.6 2998.1	3223.6	2976.1	2979.2	Ave		2921.31181				10.1		20.0			
PCB-1260 Peak 1	10624 8781.9	11002	9976.4	9644.9	Ave		10005.7368				8.7		20.0			
PCB-1260 Peak 2	20213 16201	19821	19217	17866	Ave		18663.5302				8.8		20.0			
PCB-1260 Peak 3	16321 14810	16911	17442	16435	Ave		16383.8043				6.0		20.0			
PCB-1260 Peak 4	9708.1 8337.3	10323	10132	9349.9	Ave		9570.06953				8.2		20.0			
PCB-1260 Peak 5	7707.7 7295.8	8271.7	8614.6	8226.1	Ave		8023.17341				6.5		20.0			
PCB-1260 Peak 6	6957.9 9148.9	8361.3	9212.5	9421.0	Ave		8620.33703				11.7		20.0			
PCB-1260 Peak 7	5662.4 6786.1	7884.6	7850.2	7388.8	Ave		7114.43532				13.0		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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4247.6 5292.4	5552.1	5551.2	5410.6	Ave		5210.77188				10.5		20.0			
DCB Decachlorobiphenyl	150864 134526	165782	151164	142988	Ave		149064.544				7.8		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	426201	2161074	4079085	5926763	8466085	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	765790	4117174	7547518	11081657	16900036	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	412282	2743645	5423204	8357121	12151422	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1499250	8538681	15832256	23511879	35622503	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	522104	3438948	6408680	9629883	14436597	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	695285	3724452	7130543	9926740	16103834	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	581630	3255658	6170652	9191496	14455443	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	242958	1611778	2976068	4468834	7495331	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	1062376	5500895	9976383	14467317	21954682	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2021348	9910339	19216631	26799494	40501332	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	1632138	8455392	17442154	24652031	37025040	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	970812	5161327	10132385	14024872	20843185	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	770766	4135859	8614616	12339136	18239456	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	695787	4180662	9212549	14131571	22872237	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	566239	3942323	7850239	11083269	16965139	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	424755	2776044	5551213	8115948	13230941	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	3771602	8289087	15116355	21448134	26905158	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464913.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 29-SEP-2011 12:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 6 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									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.097	2.095	0.002	426201	100.000	110	80.00-	120.00	100.00(M)	
2.536	2.534	0.002	765790	100.000	100	159.70-	239.54	179.68	
2.788	2.785	0.003	412282	100.000	81	114.82-	172.24	96.73	
3.148	3.142	0.006	1499250	100.000	96	336.61-	504.92	351.77	
3.352	3.345	0.007	522104	100.000	85	136.42-	204.63	122.50	
3.696	3.696	0.000	695285	100.000	100	152.17-	228.26	163.14	
4.059	4.054	0.005	581630	100.000	96	136.60-	204.89	136.47	
4.214	4.202	0.012	242958	100.000	83	70.83-	106.24	57.01	
Average of Peak Amounts =					93.8				

27 Aroclor-1260					CAS #: 11096-82-5				
6.094	6.089	0.005	1062376	100.000	110	80.00-	120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.551	6.543	0.008	2021348	100.000	110	147.58-	221.37	190.27	
7.000	6.988	0.012	1632138	100.000	100	134.91-	202.37	153.63	
7.190	7.185	0.005	970812	100.000	100	75.95-	113.92	91.38	
7.628	7.623	0.005	770766	100.000	96	66.46-	99.69	72.55	
8.940	8.928	0.012	695787	100.000	81	83.34-	125.02	65.49	
9.151	9.145	0.006	566239	100.000	80	61.82-	92.73	53.30	
10.184	10.179	0.005	424755	100.000	82	48.21-	72.32	39.98	
Average of Peak Amounts =					94.2				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.638	10.637	0.001	3771602	25.0000	25	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: vr464913.d
Inj. Date and Time: 29-SEP-2011 12:19
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/29/2011

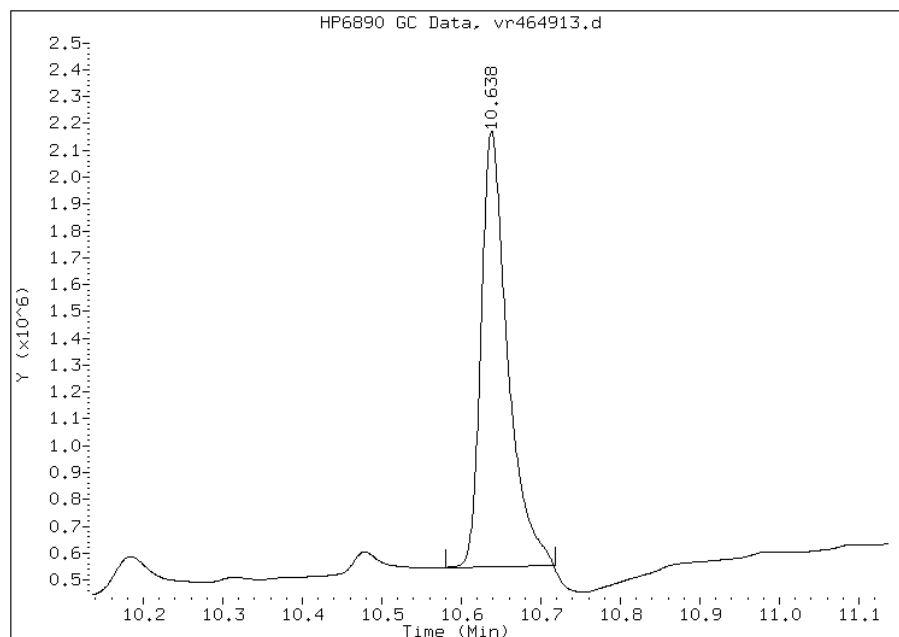
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 3771602
Amount: 25.30
Conc: 25.30



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464914.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 29-SEP-2011 12:34
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.096	2.095	0.001	2161074	500.000	540 80.00- 120.00	100.00(M)
2.534	2.534	0.000	4117174	500.000	550 159.70- 239.54	190.52
2.786	2.785	0.001	2743645	500.000	540 114.82- 172.24	126.96
3.143	3.142	0.001	8538681	500.000	550 336.61- 504.92	395.11
3.347	3.345	0.002	3438948	500.000	560 136.42- 204.63	159.13
3.696	3.696	0.000	3724452	500.000	540 152.17- 228.26	172.34
4.055	4.054	0.001	3255658	500.000	540 136.60- 204.89	150.65
4.206	4.202	0.004	1611778	500.000	550 70.83- 106.24	74.58
Average of Peak Amounts =			545			
27 Aroclor-1260			CAS #: 11096-82-5			
6.091	6.089	0.002	5500895	500.000	550 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)									
6.546	6.543	0.003	9910339	500.000	530	147.58-	221.37	180.16	
6.992	6.988	0.004	8455392	500.000	520	134.91-	202.37	153.71	
7.187	7.185	0.002	5161327	500.000	540	75.95-	113.92	93.83	
7.626	7.623	0.003	4135859	500.000	520	66.46-	99.69	75.19	
8.935	8.928	0.007	4180662	500.000	480	83.34-	125.02	76.00	
9.148	9.145	0.003	3942323	500.000	550	61.82-	92.73	71.67	
10.181	10.179	0.002	2776044	500.000	530	48.21-	72.32	50.47	
Average of Peak Amounts =					528				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	8289087	50.0000	56	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464914.d

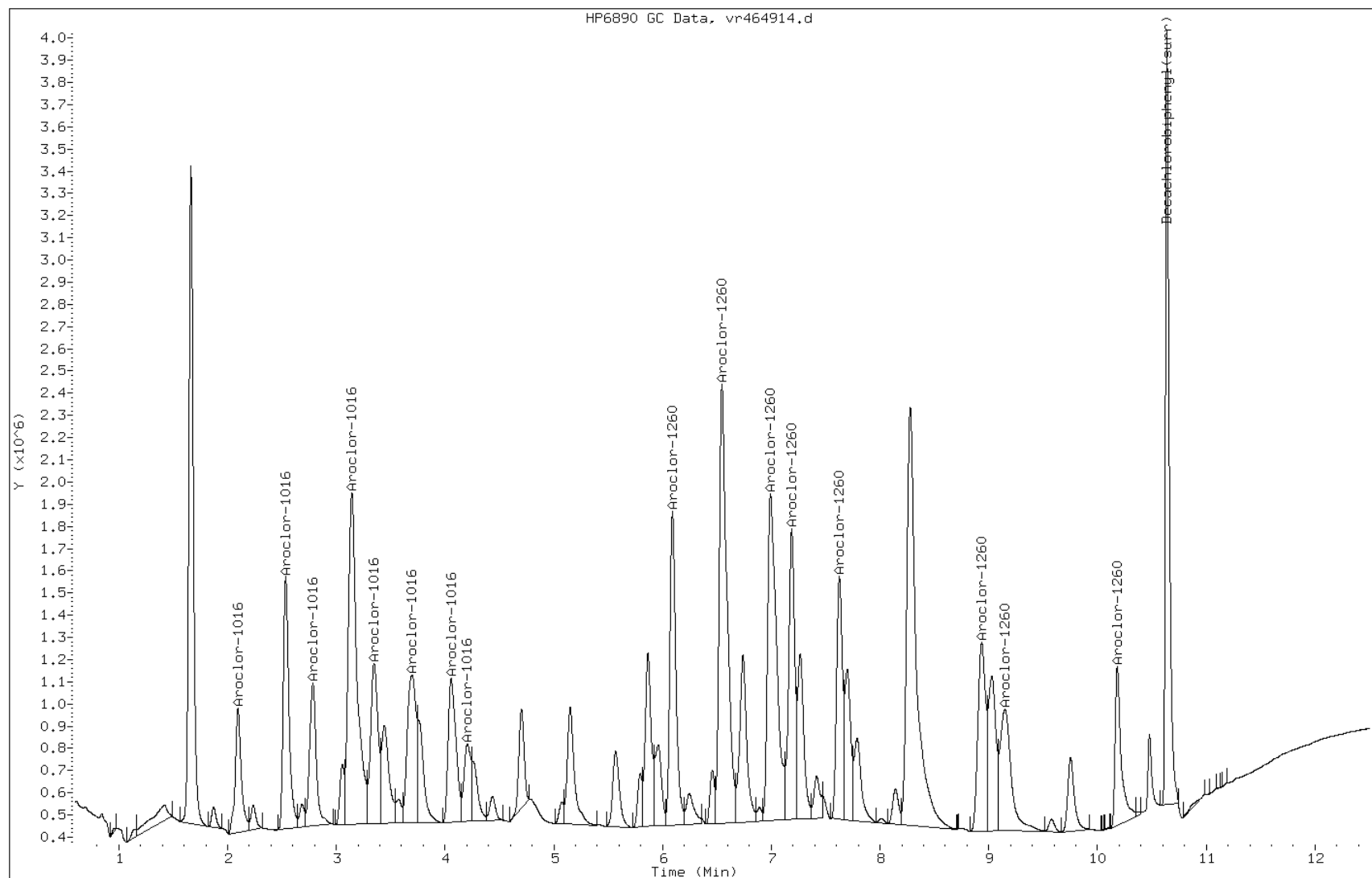
Date: 29-SEP-2011 12:34

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Manual Integration Report

Data File: vr464914.d
Inj. Date and Time: 29-SEP-2011 12:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/29/2011

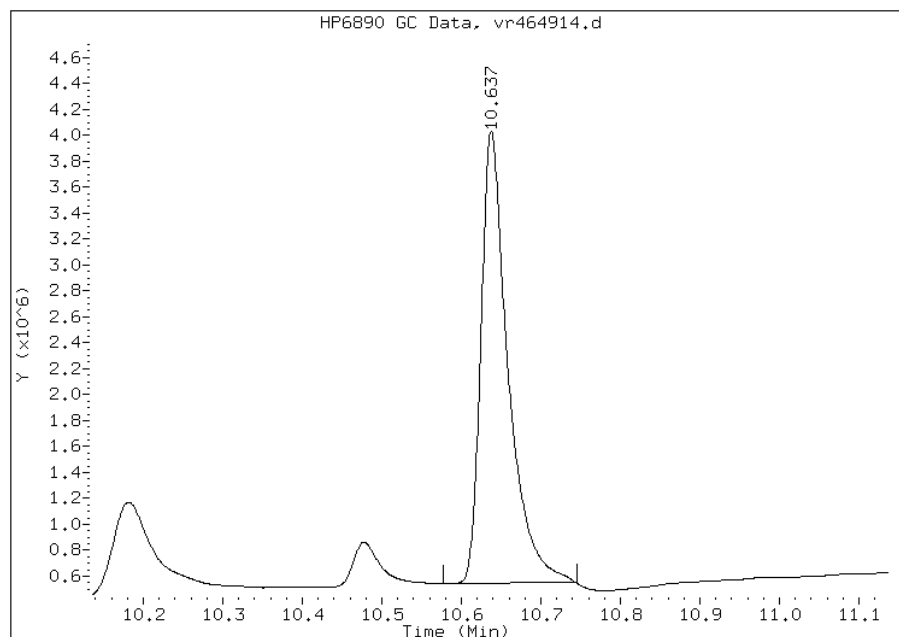
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 8289087
Amount: 55.61
Conc: 55.61



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464915.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 29-SEP-2011 12:50
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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				
2.095	2.095	0.000	4079085	1000.00	1000	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	7547518	1000.00	1000	159.70-	239.54	185.03	
2.785	2.785	0.000	5423204	1000.00	1100	114.82-	172.24	132.95	
3.142	3.142	0.000	15832256	1000.00	1000	336.61-	504.92	388.13	
3.345	3.345	0.000	6408680	1000.00	1000	136.42-	204.63	157.11	
3.696	3.696	0.000	7130543	1000.00	1000	152.17-	228.26	174.81	
4.054	4.054	0.000	6170652	1000.00	1000	136.60-	204.89	151.28	
4.202	4.202	0.000	2976068	1000.00	1000	70.83-	106.24	72.96	
Average of Peak Amounts =					1.03e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.089	0.000	9976383	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)									
6.543	6.543	0.000	19216631	1000.00	1000	147.58-	221.37	192.62	
6.988	6.988	0.000	17442154	1000.00	1100	134.91-	202.37	174.83	
7.185	7.185	0.000	10132385	1000.00	1000	75.95-	113.92	101.56	
7.623	7.623	0.000	8614616	1000.00	1100	66.46-	99.69	86.35	
8.928	8.928	0.000	9212549	1000.00	1100	83.34-	125.02	92.34	
9.145	9.145	0.000	7850239	1000.00	1100	61.82-	92.73	78.69	
10.179	10.179	0.000	5551213	1000.00	1100	48.21-	72.32	55.64	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	15116355	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464915.d

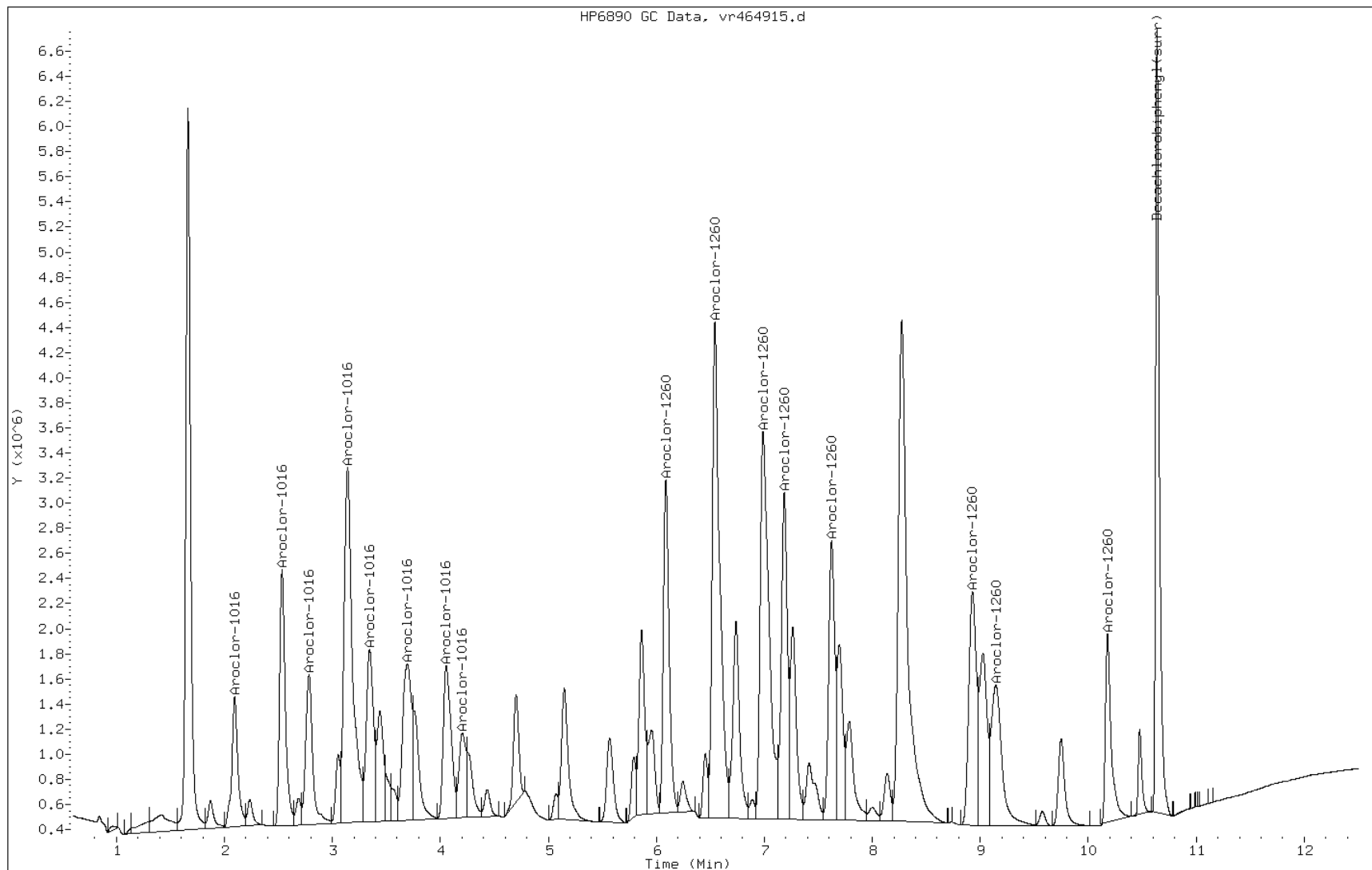
Date: 29-SEP-2011 12:50

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464916.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 29-SEP-2011 13:06
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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				
2.094	2.095	-0.001	5926763	1500.00	1500	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	11081657	1500.00	1500	159.70-	239.54	186.98	
2.784	2.785	-0.001	8357121	1500.00	1600	114.82-	172.24	141.01	
3.139	3.142	-0.003	23511879	1500.00	1500	336.61-	504.92	396.71	
3.342	3.345	-0.003	9629883	1500.00	1600	136.42-	204.63	162.48	
3.694	3.696	-0.002	9926740	1500.00	1400	152.17-	228.26	167.49	
4.053	4.054	-0.001	9191496	1500.00	1500	136.60-	204.89	155.08	
4.202	4.202	0.000	4468834	1500.00	1500	70.83-	106.24	75.40	
Average of Peak Amounts =					1.52e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.089	0.000	14467317	1500.00	1400	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	6.543	0.000	26799494	1500.00	1400	147.58-	221.37	185.24	
6.989	6.988	0.001	24652031	1500.00	1500	134.91-	202.37	170.40	
7.186	7.185	0.001	14024872	1500.00	1500	75.95-	113.92	96.94	
7.624	7.623	0.001	12339136	1500.00	1500	66.46-	99.69	85.29	
8.928	8.928	0.000	14131571	1500.00	1600	83.34-	125.02	97.68	
9.146	9.145	0.001	11083269	1500.00	1600	61.82-	92.73	76.61	
10.178	10.179	-0.001	8115948	1500.00	1600	48.21-	72.32	56.10	
Average of Peak Amounts =					1.52e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	21448134	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464916.d

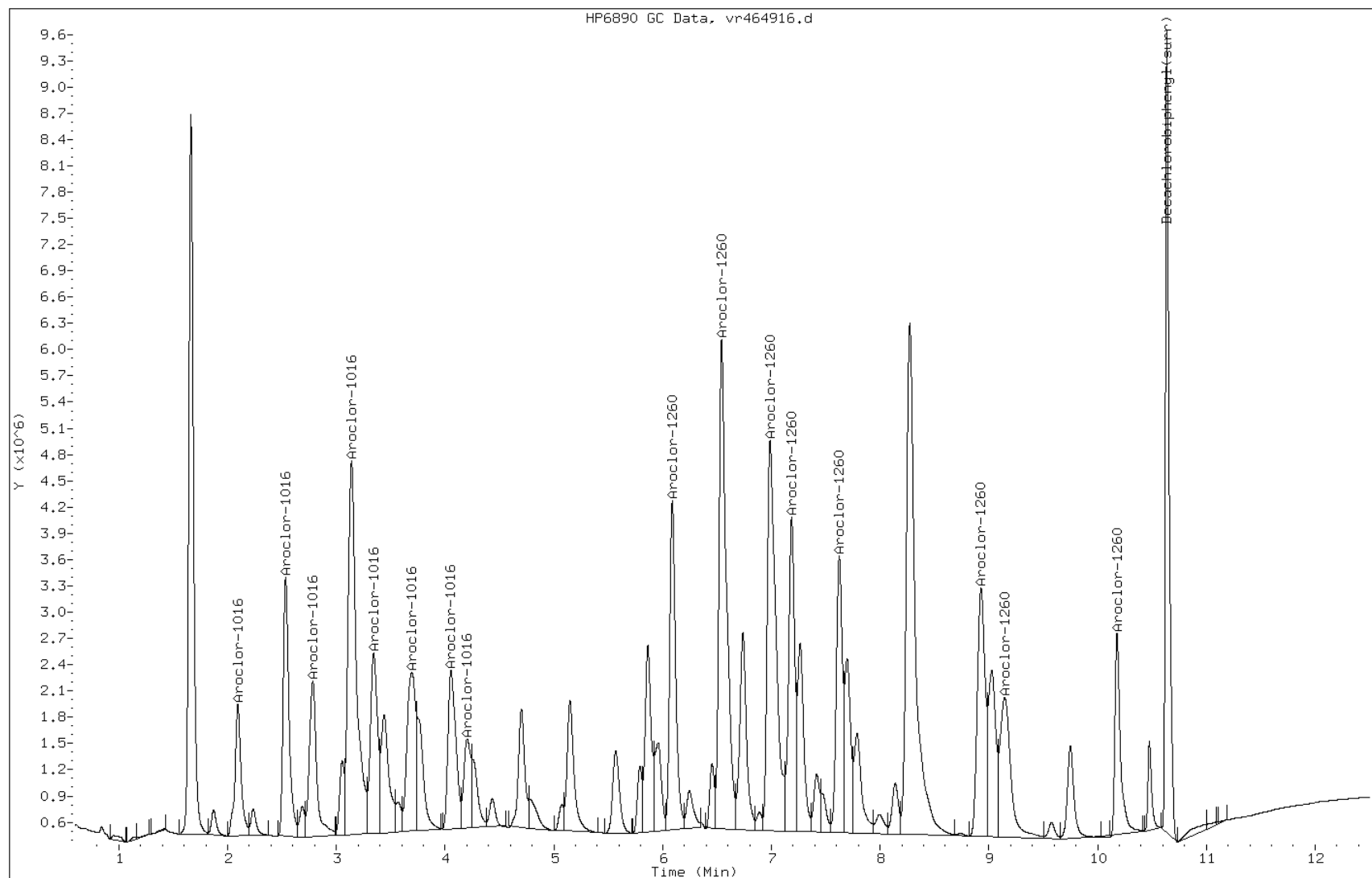
Date: 29-SEP-2011 13:06

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464917.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 29-SEP-2011 13:21
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.095	2.095	0.000	8466085 2500.00	2100	80.00- 120.00	100.00(M)
2.535	2.534	0.001	16900036 2500.00	2200	159.70- 239.54	199.62
2.785	2.785	0.000	12151422 2500.00	2400	114.82- 172.24	143.53
3.142	3.142	0.000	35622503 2500.00	2300	336.61- 504.92	420.77
3.345	3.345	0.000	14436597 2500.00	2400	136.42- 204.63	170.52
3.698	3.696	0.002	16103834 2500.00	2300	152.17- 228.26	190.22
4.056	4.054	0.002	14455443 2500.00	2400	136.60- 204.89	170.75
4.205	4.202	0.003	7495331 2500.00	2600	70.83- 106.24	88.53
Average of Peak Amounts =			2.33e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.090	6.089	0.001	21954682 2500.00	2200	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	6.543	-0.001	40501332	2500.00	2200	147.58-	221.37	184.48	
6.987	6.988	-0.001	37025040	2500.00	2200	134.91-	202.37	168.64	
7.185	7.185	0.000	20843185	2500.00	2200	75.95-	113.92	94.94	
7.624	7.623	0.001	18239456	2500.00	2300	66.46-	99.69	83.08	
8.925	8.928	-0.003	22872237	2500.00	2600	83.34-	125.02	104.18	
9.145	9.145	0.000	16965139	2500.00	2400	61.82-	92.73	77.27	
10.178	10.179	-0.001	13230941	2500.00	2500	48.21-	72.32	60.26	
Average of Peak Amounts =					2.33e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.637	-0.001	26905158	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464917.d

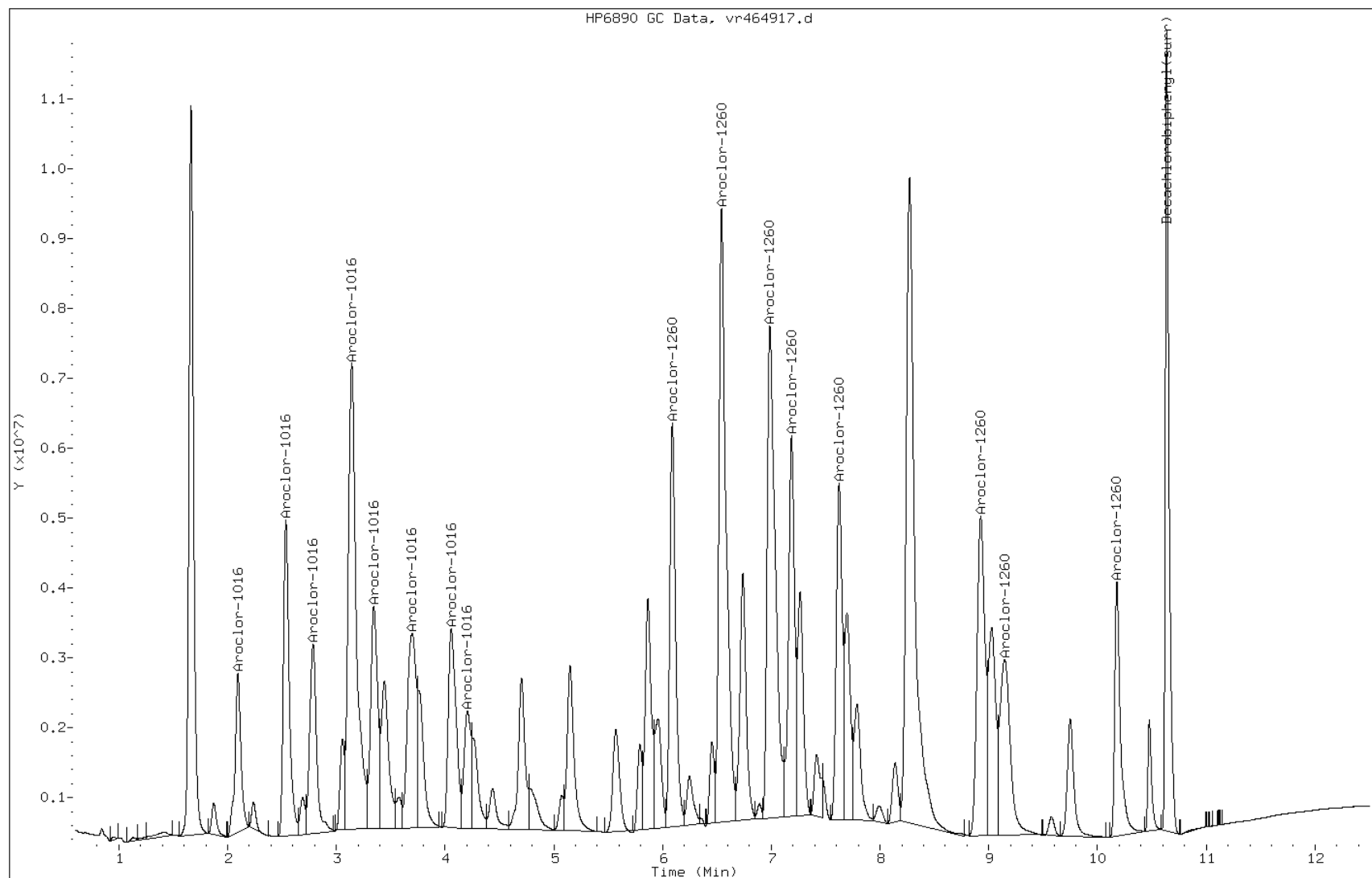
Date: 29-SEP-2011 13:21

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.665										1.595 - 1.735	1.665
PCB-1221 Peak 2	2.137										2.067 - 2.207	2.137
PCB-1221 Peak 3	2.675										2.605 - 2.745	2.675
PCB-1221 Peak 4	2.876										2.806 - 2.946	2.876
PCB-1221 Peak 5	2.965										2.895 - 3.035	2.965
PCB-1221 Peak 6	3.645										3.575 - 3.715	3.645
PCB-1221 Peak 7	3.761										3.691 - 3.831	3.761
PCB-1221 Peak 8	4.500										4.430 - 4.570	4.500

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.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	1207.0				Ave		1207.02500						20.0			
PCB-1221 Peak 2	281.16				Ave		281.162000						20.0			
PCB-1221 Peak 3	1451.2				Ave		1451.18300						20.0			
PCB-1221 Peak 4	980.70				Ave		980.695000						20.0			
PCB-1221 Peak 5	3852.2				Ave		3852.16000						20.0			
PCB-1221 Peak 6	613.97				Ave		613.965000						20.0			
PCB-1221 Peak 7	725.27				Ave		725.266000						20.0			
PCB-1221 Peak 8	639.53				Ave		639.534000						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1207025					1000				
PCB-1221 Peak 2	Ave	281162					1000				
PCB-1221 Peak 3	Ave	1451183					1000				
PCB-1221 Peak 4	Ave	980695					1000				
PCB-1221 Peak 5	Ave	3852160					1000				
PCB-1221 Peak 6	Ave	613965					1000				
PCB-1221 Peak 7	Ave	725266					1000				
PCB-1221 Peak 8	Ave	639534					1000				

Curve Type Legend:

Ave = Average

Data File: vf464918.d
 Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464918.d
 Lab Smp Id: IC-SG1221L3_00012
 Inj Date : 29-SEP-2011 13:37
 Operator : 615
 Smp Info : IC-SG1221L3_00012
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 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: vf464924.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									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
22 Aroclor-1221					CAS #: 11104-28-2				
1.665	1.665	0.000	1207025	1000.00	1000	80.00-	120.00		100.00
2.137	2.137	0.000	281162	1000.00	1000	18.64-	27.95		23.29
2.675	2.675	0.000	1451183	1000.00	1000	96.18-	144.27		120.23
2.876	2.876	0.000	980695	1000.00	1000	65.00-	97.50		81.25
2.965	2.965	0.000	3852160	1000.00	1000	255.32-	382.97		319.15
3.645	3.645	0.000	613965	1000.00	1000	40.69-	61.04		50.87
3.761	3.761	0.000	725266	1000.00	1000	48.07-	72.10		60.09
4.500	4.500	0.000	639534	1000.00	1000	42.39-	63.58		52.98
Average of Peak Amounts =					1e+03				

Data File: vf464918.d

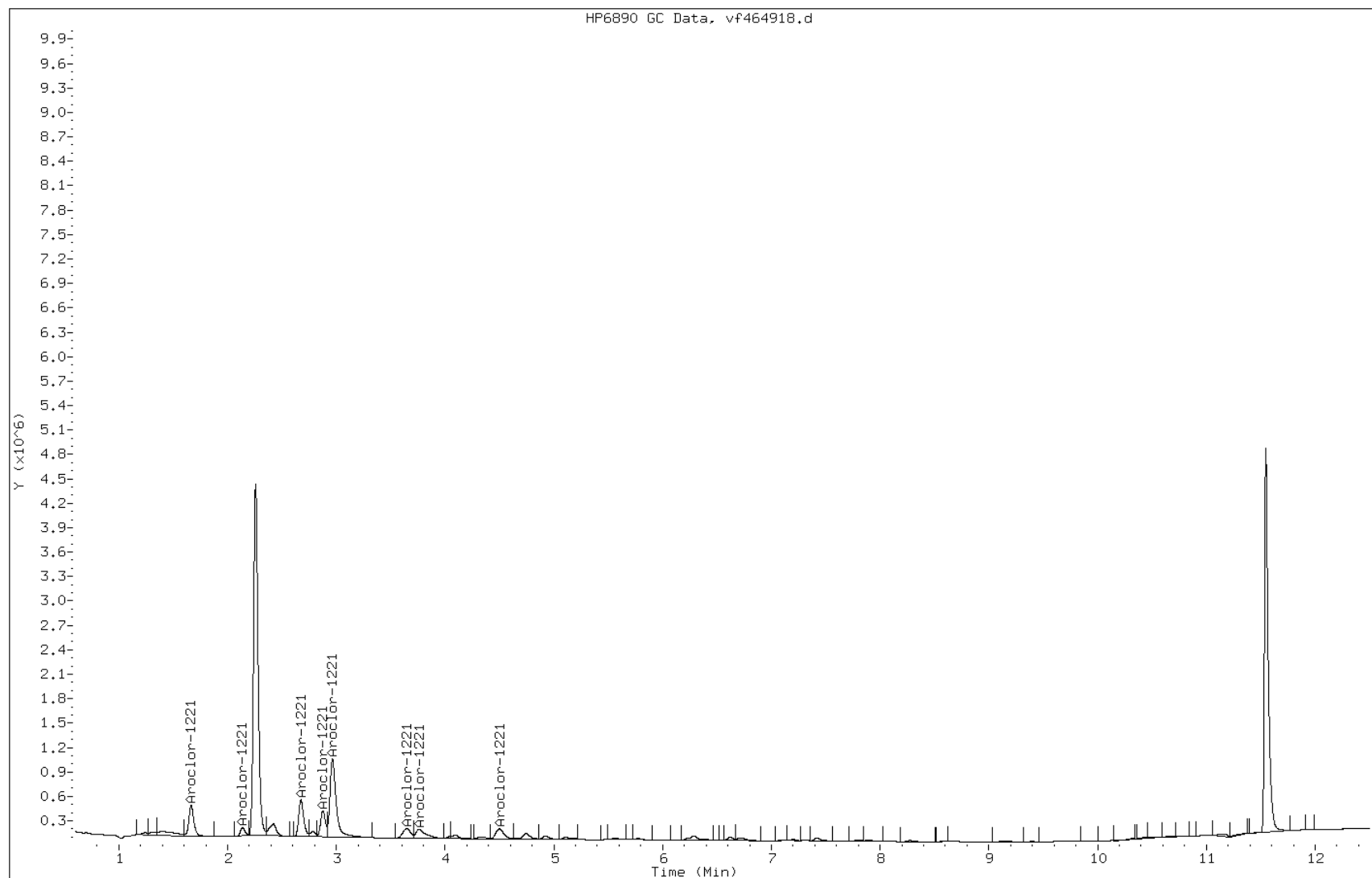
Date: 29-SEP-2011 13:37

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.124										1.054 - 1.194	1.124
PCB-1221 Peak 2	1.525										1.455 - 1.595	1.525
PCB-1221 Peak 3	1.871										1.801 - 1.941	1.871
PCB-1221 Peak 4	2.093										2.023 - 2.163	2.093
PCB-1221 Peak 5	2.535										2.465 - 2.605	2.535
PCB-1221 Peak 6	2.780										2.710 - 2.850	2.780
PCB-1221 Peak 7	3.146										3.076 - 3.216	3.146
PCB-1221 Peak 8	3.344										3.274 - 3.414	3.344

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.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	1953.6				Ave		1953.58100						20.0			
PCB-1221 Peak 2	714.29				Ave		714.287000						20.0			
PCB-1221 Peak 3	2409.2				Ave		2409.22500						20.0			
PCB-1221 Peak 4	6801.0				Ave		6800.96400						20.0			
PCB-1221 Peak 5	496.66				Ave		496.656000						20.0			
PCB-1221 Peak 6	543.68				Ave		543.682000						20.0			
PCB-1221 Peak 7	912.80				Ave		912.798000						20.0			
PCB-1221 Peak 8	300.53				Ave		300.529000						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1953581					1000				
PCB-1221 Peak 2	Ave	714287					1000				
PCB-1221 Peak 3	Ave	2409225					1000				
PCB-1221 Peak 4	Ave	6800964					1000				
PCB-1221 Peak 5	Ave	496656					1000				
PCB-1221 Peak 6	Ave	543682					1000				
PCB-1221 Peak 7	Ave	912798					1000				
PCB-1221 Peak 8	Ave	300529					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464918.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 29-SEP-2011 13:37
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 11 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									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
22 Aroclor-1221					CAS #: 11104-28-2				
1.124	1.124	0.000	1953581	1000.00	1000	80.00-	120.00	100.00	
1.525	1.525	0.000	714287	1000.00	1000	29.25-	43.88	36.56	
1.871	1.871	0.000	2409225	1000.00	1000	98.66-	147.99	123.32	
2.093	2.093	0.000	6800964	1000.00	1000	278.50-	417.75	348.13	
2.535	2.535	0.000	496656	1000.00	1000	20.34-	30.51	25.42	
2.780	2.780	0.000	543682	1000.00	1000	22.26-	33.40	27.83	
3.146	3.146	0.000	912798	1000.00	1000	37.38-	56.07	46.72	
3.344	3.344	0.000	300529	1000.00	1000	12.31-	18.46	15.38	
Average of Peak Amounts =					1e+03				

Data File: vr464918.d

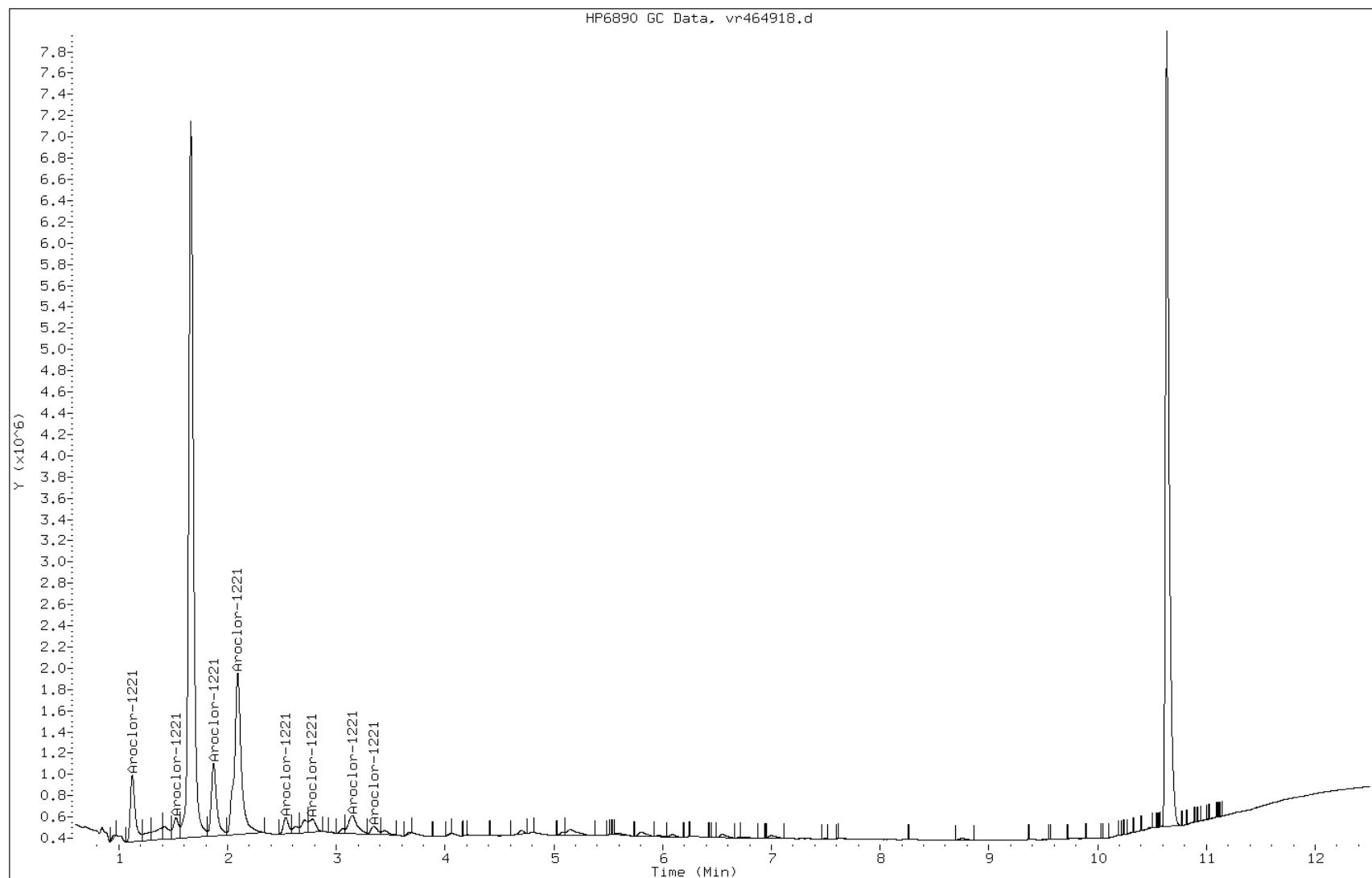
Date: 29-SEP-2011 13:37

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1221L3_00012

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.964										2.894 - 3.034	2.964
PCB-1232 Peak 2	3.649										3.579 - 3.719	3.649
PCB-1232 Peak 3	4.095										4.025 - 4.165	4.095
PCB-1232 Peak 4	4.498										4.428 - 4.568	4.498
PCB-1232 Peak 5	4.742										4.672 - 4.812	4.742
PCB-1232 Peak 6	4.924										4.854 - 4.994	4.924
PCB-1232 Peak 7	5.569										5.499 - 5.639	5.569
PCB-1232 Peak 8	5.779										5.709 - 5.849	5.779

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.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	2487.6				Ave		2487.57100						20.0			
PCB-1232 Peak 2	2341.8				Ave		2341.82700						20.0			
PCB-1232 Peak 3	1072.3				Ave		1072.25100						20.0			
PCB-1232 Peak 4	4676.0				Ave		4675.99100						20.0			
PCB-1232 Peak 5	2185.4				Ave		2185.37000						20.0			
PCB-1232 Peak 6	1612.9				Ave		1612.90200						20.0			
PCB-1232 Peak 7	1683.7				Ave		1683.69600						20.0			
PCB-1232 Peak 8	1866.0				Ave		1865.99400						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	2487571					1000				
PCB-1232 Peak 2	Ave	2341827					1000				
PCB-1232 Peak 3	Ave	1072251					1000				
PCB-1232 Peak 4	Ave	4675991					1000				
PCB-1232 Peak 5	Ave	2185370					1000				
PCB-1232 Peak 6	Ave	1612902					1000				
PCB-1232 Peak 7	Ave	1683696					1000				
PCB-1232 Peak 8	Ave	1865994					1000				

Curve Type Legend:

Ave = Average

Data File: vf464919.d
Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464919.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 29-SEP-2011 13:53
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:52 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 12 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				
			CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	
23 Aroclor-1232				CAS #: 11141-16-5			
2.964	2.964	0.000	2487571	1000.00	1000 80.00- 120.00	100.00(M)	
3.649	3.649	0.000	2341827	1000.00	1000 75.31- 112.97	94.14	
4.095	4.095	0.000	1072251	1000.00	1000 34.48- 51.73	43.10	
4.498	4.498	0.000	4675991	1000.00	1000 150.38- 225.57	187.97	
4.742	4.742	0.000	2185370	1000.00	1000 70.28- 105.42	87.85	
4.924	4.924	0.000	1612902	1000.00	1000 51.87- 77.81	64.84	
5.569	5.569	0.000	1683696	1000.00	1000 54.15- 81.22	67.68	
5.779	5.779	0.000	1865994	1000.00	1000 60.01- 90.02	75.01	
Average of Peak Amounts =				1e+03			

Data File: vf464919.d
Report Date: 29-Sep-2011 15:52

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464919.d

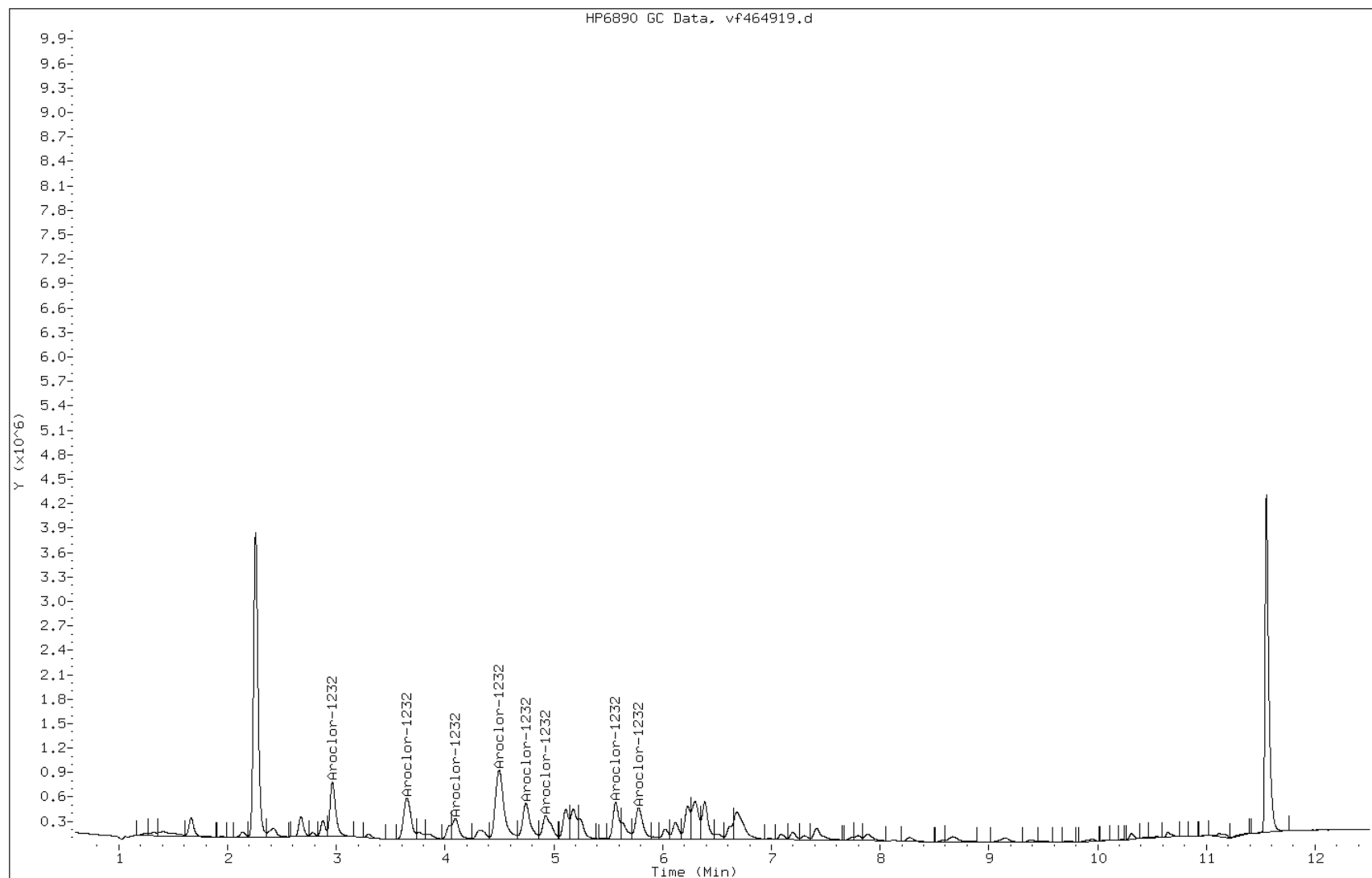
Date: 29-SEP-2011 13:53

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.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	2.784										2.714 - 2.854	2.784
PCB-1232 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1232 Peak 5	3.347										3.277 - 3.417	3.347
PCB-1232 Peak 6	3.691										3.621 - 3.761	3.691
PCB-1232 Peak 7	4.054										3.984 - 4.124	4.054
PCB-1232 Peak 8	4.205										4.135 - 4.275	4.205

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.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	4518.5				Ave		4518.50800						20.0			
PCB-1232 Peak 2	3491.8				Ave		3491.78000						20.0			
PCB-1232 Peak 3	2354.6				Ave		2354.59700						20.0			
PCB-1232 Peak 4	7091.1				Ave		7091.09700						20.0			
PCB-1232 Peak 5	2784.3				Ave		2784.28100						20.0			
PCB-1232 Peak 6	3170.7				Ave		3170.70300						20.0			
PCB-1232 Peak 7	2917.6				Ave		2917.55300						20.0			
PCB-1232 Peak 8	1398.1				Ave		1398.10500						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	4518508					1000				
PCB-1232 Peak 2	Ave	3491780					1000				
PCB-1232 Peak 3	Ave	2354597					1000				
PCB-1232 Peak 4	Ave	7091097					1000				
PCB-1232 Peak 5	Ave	2784281					1000				
PCB-1232 Peak 6	Ave	3170703					1000				
PCB-1232 Peak 7	Ave	2917553					1000				
PCB-1232 Peak 8	Ave	1398105					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464919.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 29-SEP-2011 13:53
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 12 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								
			CAL -AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232					CAS #: 11141-16-5			
2.094	2.094	0.000	4518508	1000.00	1000	80.00-	120.00	100.00(M)
2.534	2.534	0.000	3491780	1000.00	1000	61.82-	92.73	77.28
2.784	2.784	0.000	2354597	1000.00	1000	41.69-	62.53	52.11
3.142	3.142	0.000	7091097	1000.00	1000	125.55-	188.32	156.93
3.347	3.347	0.000	2784281	1000.00	1000	49.30-	73.94	61.62
3.691	3.691	0.000	3170703	1000.00	1000	56.14-	84.21	70.17
4.054	4.054	0.000	2917553	1000.00	1000	51.66-	77.48	64.57
4.205	4.205	0.000	1398105	1000.00	1000	24.75-	37.13	30.94
Average of Peak Amounts =					1e+03			

Data File: vr464919.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464919.d

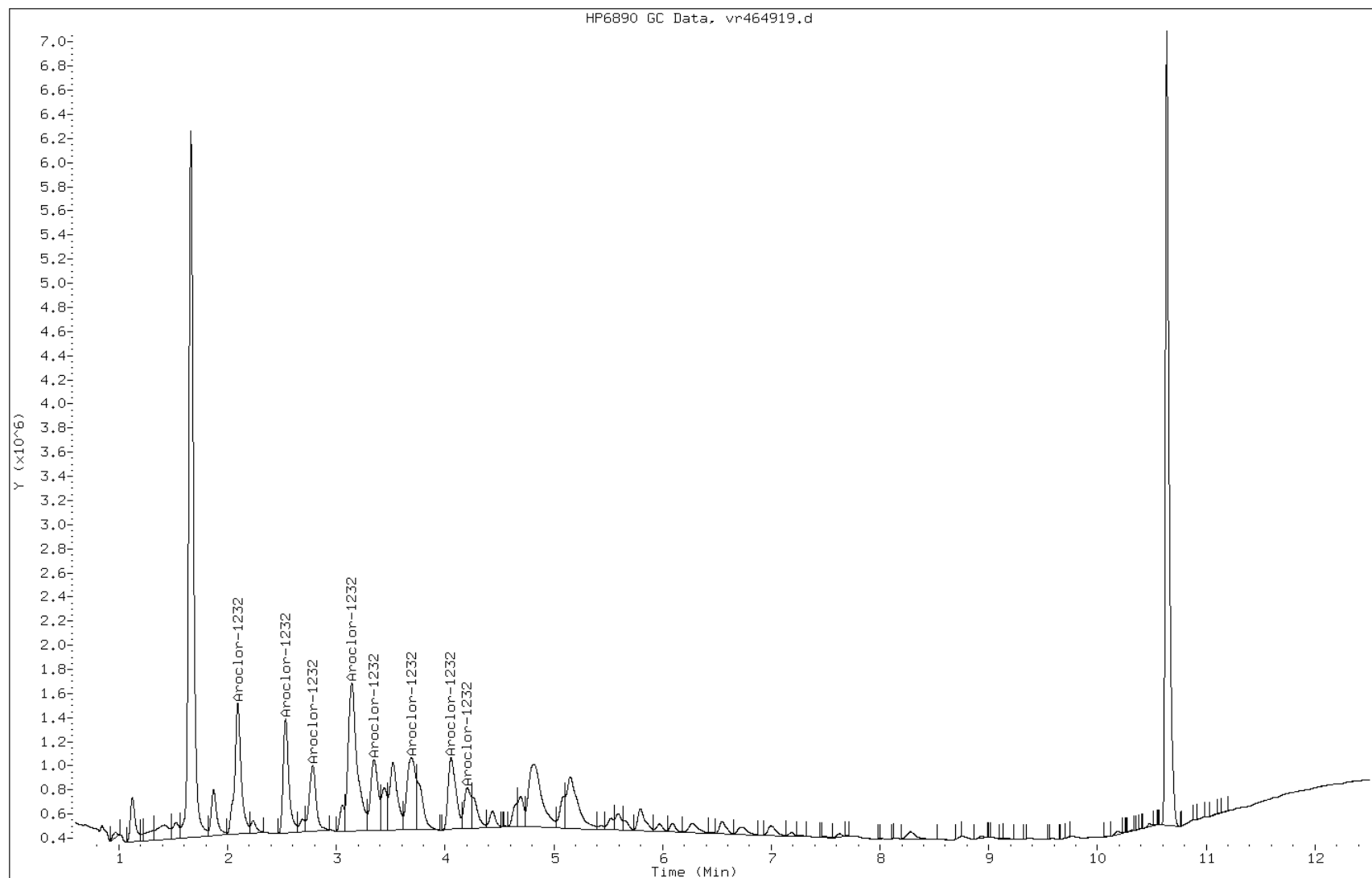
Date: 29-SEP-2011 13:53

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1232L3_00011

Operator: 615



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.964										2.894 - 3.034	2.964
PCB-1242 Peak 2	3.650										3.580 - 3.720	3.650
PCB-1242 Peak 3	4.096										4.026 - 4.166	4.096
PCB-1242 Peak 4	4.499										4.429 - 4.569	4.499
PCB-1242 Peak 5	4.744										4.674 - 4.814	4.744
PCB-1242 Peak 6	4.925										4.855 - 4.995	4.925
PCB-1242 Peak 7	5.779										5.709 - 5.849	5.779
PCB-1242 Peak 8	6.300										6.230 - 6.370	6.300

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.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	2330.3				Ave		2330.25500						20.0			
PCB-1242 Peak 2	4508.7				Ave		4508.70600						20.0			
PCB-1242 Peak 3	1967.0				Ave		1966.95300						20.0			
PCB-1242 Peak 4	8624.7				Ave		8624.71400						20.0			
PCB-1242 Peak 5	4026.6				Ave		4026.62400						20.0			
PCB-1242 Peak 6	3010.6				Ave		3010.59100						20.0			
PCB-1242 Peak 7	3368.9				Ave		3368.93400						20.0			
PCB-1242 Peak 8	3648.5				Ave		3648.45200						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	2330255					1000				
PCB-1242 Peak 2	Ave	4508706					1000				
PCB-1242 Peak 3	Ave	1966953					1000				
PCB-1242 Peak 4	Ave	8624714					1000				
PCB-1242 Peak 5	Ave	4026624					1000				
PCB-1242 Peak 6	Ave	3010591					1000				
PCB-1242 Peak 7	Ave	3368934					1000				
PCB-1242 Peak 8	Ave	3648452					1000				

Curve Type Legend:

Ave = Average

Data File: vf464920.d
 Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464920.d
 Lab Smp Id: IC-SG1242L3_00011
 Inj Date : 29-SEP-2011 14:08
 Operator : 615
 Smp Info : IC-SG1242L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:53 shanthi
 Cal Date : 29-SEP-2011 15:10
 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: vf464924.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					
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
24 Aroclor-1242					CAS #: 53469-21-9			
2.964	2.964	0.000	2330255	1000.00	1000	80.00-	120.00	100.00(M)
3.650	3.650	0.000	4508706	1000.00	1000	154.79-	232.18	193.49
4.096	4.096	0.000	1966953	1000.00	1000	67.53-	101.29	84.41
4.499	4.499	0.000	8624714	1000.00	1000	296.10-	444.14	370.12
4.744	4.744	0.000	4026624	1000.00	1000	138.24-	207.36	172.80
4.925	4.925	0.000	3010591	1000.00	1000	103.36-	155.03	129.20
5.779	5.779	0.000	3368934	1000.00	1000	115.66-	173.49	144.57
6.300	6.300	0.000	3648452	1000.00	1000	125.26-	187.88	156.57
Average of Peak Amounts =					1e+03			

Data File: vf464920.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464920.d

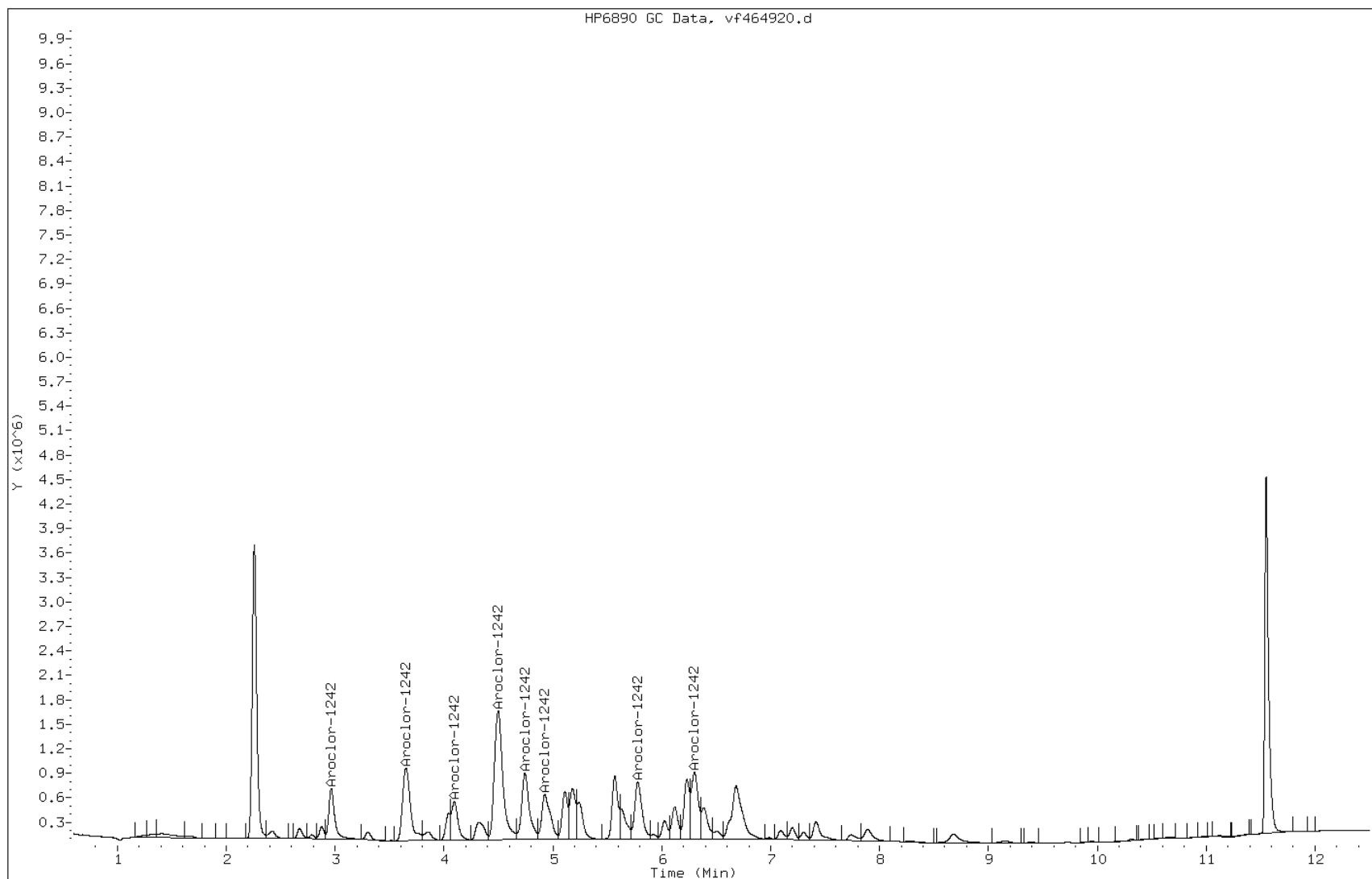
Date: 29-SEP-2011 14:08

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.094										2.024 - 2.164	2.094
PCB-1242 Peak 2	2.534										2.464 - 2.604	2.534
PCB-1242 Peak 3	2.784										2.714 - 2.854	2.784
PCB-1242 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1242 Peak 5	3.344										3.274 - 3.414	3.344
PCB-1242 Peak 6	3.694										3.624 - 3.764	3.694
PCB-1242 Peak 7	4.054										3.984 - 4.124	4.054
PCB-1242 Peak 8	5.151										5.081 - 5.221	5.151

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.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	3777.1				Ave		3777.11700						20.0			
PCB-1242 Peak 2	6209.4				Ave		6209.44900						20.0			
PCB-1242 Peak 3	4398.1				Ave		4398.05000						20.0			
PCB-1242 Peak 4	13471				Ave		13471.1310						20.0			
PCB-1242 Peak 5	5435.8				Ave		5435.81200						20.0			
PCB-1242 Peak 6	5950.3				Ave		5950.31700						20.0			
PCB-1242 Peak 7	5477.0				Ave		5477.02200						20.0			
PCB-1242 Peak 8	5066.6				Ave		5066.62500						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	3777117					1000				
PCB-1242 Peak 2	Ave	6209449					1000				
PCB-1242 Peak 3	Ave	4398050					1000				
PCB-1242 Peak 4	Ave	13471131					1000				
PCB-1242 Peak 5	Ave	5435812					1000				
PCB-1242 Peak 6	Ave	5950317					1000				
PCB-1242 Peak 7	Ave	5477022					1000				
PCB-1242 Peak 8	Ave	5066625					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464920.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 29-SEP-2011 14:08
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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 RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242				CAS #: 53469-21-9		
2.094	2.094	0.000	3777117 1000.00	1000	80.00- 120.00	100.00(M)
2.534	2.534	0.000	6209449 1000.00	1000	131.52- 197.28	164.40
2.784	2.784	0.000	4398050 1000.00	1000	93.15- 139.73	116.44
3.142	3.142	0.000	13471131 1000.00	1000	285.32- 427.98	356.65
3.344	3.344	0.000	5435812 1000.00	1000	115.13- 172.70	143.91
3.694	3.694	0.000	5950317 1000.00	1000	126.03- 189.04	157.54
4.054	4.054	0.000	5477022 1000.00	1000	116.00- 174.01	145.01
5.151	5.151	0.000	5066625 1000.00	1000	107.31- 160.97	134.14
Average of Peak Amounts =				1e+03		

Data File: vr464920.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464920.d

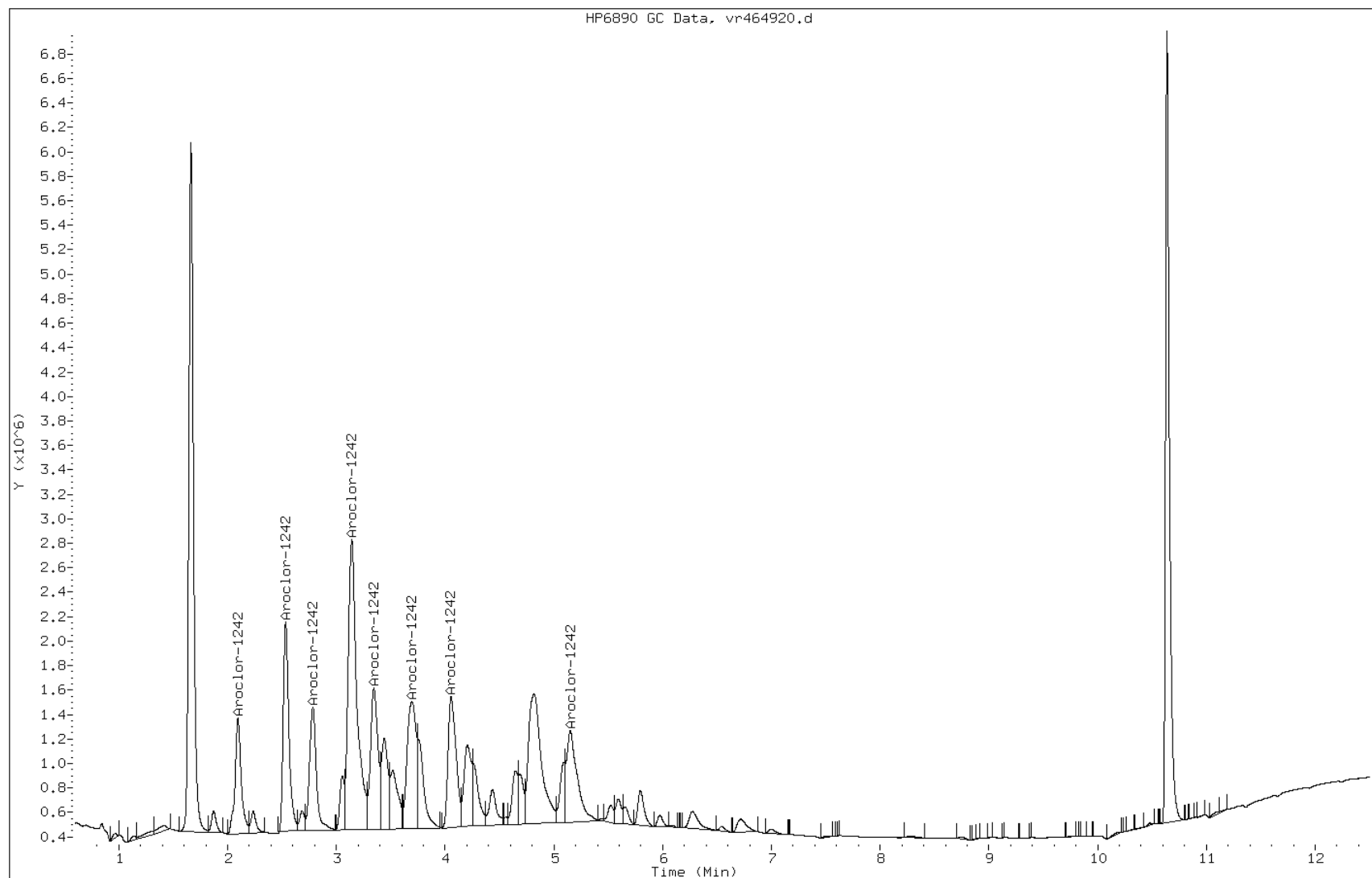
Date: 29-SEP-2011 14:08

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.646										3.576 - 3.716	3.646
PCB-1248 Peak 2	4.492										4.422 - 4.562	4.492
PCB-1248 Peak 3	4.737										4.667 - 4.807	4.737
PCB-1248 Peak 4	5.108										5.038 - 5.178	5.108
PCB-1248 Peak 5	5.567										5.497 - 5.637	5.567
PCB-1248 Peak 6	5.777										5.707 - 5.847	5.777
PCB-1248 Peak 7	6.117										6.047 - 6.187	6.117
PCB-1248 Peak 8	6.296										6.226 - 6.366	6.296

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.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	2104.5				Ave		2104.46100						20.0			
PCB-1248 Peak 2	5381.0				Ave		5380.97200						20.0			
PCB-1248 Peak 3	2365.3				Ave		2365.28800						20.0			
PCB-1248 Peak 4	3439.9				Ave		3439.92100						20.0			
PCB-1248 Peak 5	4370.2				Ave		4370.23900						20.0			
PCB-1248 Peak 6	4771.1				Ave		4771.09100						20.0			
PCB-1248 Peak 7	2625.8				Ave		2625.78600						20.0			
PCB-1248 Peak 8	6427.1				Ave		6427.13200						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	2104461					1000				
PCB-1248 Peak 2	Ave	5380972					1000				
PCB-1248 Peak 3	Ave	2365288					1000				
PCB-1248 Peak 4	Ave	3439921					1000				
PCB-1248 Peak 5	Ave	4370239					1000				
PCB-1248 Peak 6	Ave	4771091					1000				
PCB-1248 Peak 7	Ave	2625786					1000				
PCB-1248 Peak 8	Ave	6427132					1000				

Curve Type Legend:

Ave = Average

Data File: vf464921.d
 Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464921.d
 Lab Smp Id: IC-SG1248L3_00011
 Inj Date : 29-SEP-2011 14:24
 Operator : 615
 Smp Info : IC-SG1248L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:53 shanthi
 Cal Date : 29-SEP-2011 15:10
 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: vf464924.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				
3.646	3.646	0.000	2104461	1000.00	1000	80.00-	120.00	100.00(M)	
4.492	4.492	0.000	5380972	1000.00	1000	204.55-	306.83	255.69	
4.737	4.737	0.000	2365288	1000.00	1000	89.92-	134.87	112.39	
5.108	5.108	0.000	3439921	1000.00	1000	130.77-	196.15	163.46	
5.567	5.567	0.000	4370239	1000.00	1000	166.13-	249.20	207.67	
5.777	5.777	0.000	4771091	1000.00	1000	181.37-	272.06	226.71	
6.117	6.117	0.000	2625786	1000.00	1000	99.82-	149.73	124.77	
6.296	6.296	0.000	6427132	1000.00	1000	244.32-	366.49	305.41	
Average of Peak Amounts =					1e+03				

Data File: vf464921.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464921.d

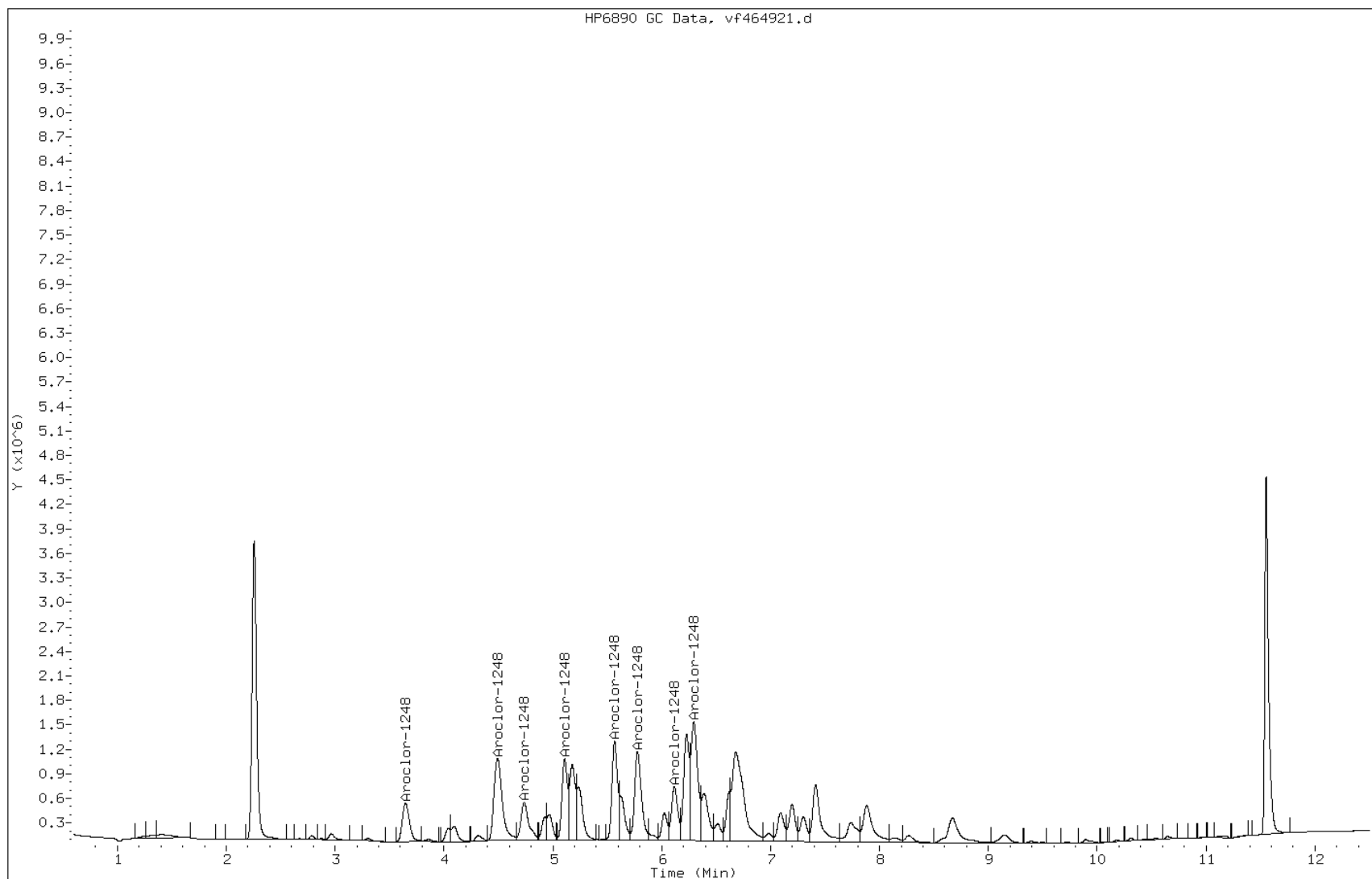
Date: 29-SEP-2011 14:24

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.534										2.464 - 2.604	2.534
PCB-1248 Peak 2	3.142										3.072 - 3.212	3.142
PCB-1248 Peak 3	3.359										3.289 - 3.429	3.359
PCB-1248 Peak 4	3.690										3.620 - 3.760	3.690
PCB-1248 Peak 5	4.056										3.986 - 4.126	4.056
PCB-1248 Peak 6	4.202										4.132 - 4.272	4.202
PCB-1248 Peak 7	4.698										4.628 - 4.768	4.698
PCB-1248 Peak 8	5.150										5.080 - 5.220	5.150

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.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	3194.9				Ave		3194.87900						20.0			
PCB-1248 Peak 2	9246.0				Ave		9246.03800						20.0			
PCB-1248 Peak 3	3444.5				Ave		3444.45900						20.0			
PCB-1248 Peak 4	9684.7				Ave		9684.67000						20.0			
PCB-1248 Peak 5	8855.6				Ave		8855.61600						20.0			
PCB-1248 Peak 6	5115.4				Ave		5115.40300						20.0			
PCB-1248 Peak 7	3811.4				Ave		3811.36700						20.0			
PCB-1248 Peak 8	6897.9				Ave		6897.94800						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	3194879					1000				
PCB-1248 Peak 2	Ave	9246038					1000				
PCB-1248 Peak 3	Ave	3444459					1000				
PCB-1248 Peak 4	Ave	9684670					1000				
PCB-1248 Peak 5	Ave	8855616					1000				
PCB-1248 Peak 6	Ave	5115403					1000				
PCB-1248 Peak 7	Ave	3811367					1000				
PCB-1248 Peak 8	Ave	6897948					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464921.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 29-SEP-2011 14:24
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
2.534	2.534	0.000	3194879	1000.00	1000 80.00- 120.00	100.00(M)
3.142	3.142	0.000	9246038	1000.00	1000 231.52- 347.28	289.40
3.359	3.359	0.000	3444459	1000.00	1000 86.25- 129.37	107.81
3.690	3.690	0.000	9684670	1000.00	1000 242.50- 363.76	303.13
4.056	4.056	0.000	8855616	1000.00	1000 221.75- 332.62	277.18
4.202	4.202	0.000	5115403	1000.00	1000 128.09- 192.14	160.11
4.698	4.698	0.000	3811367	1000.00	1000 95.44- 143.16	119.30
5.150	5.150	0.000	6897948	1000.00	1000 172.73- 259.09	215.91
Average of Peak Amounts =			1e+03			

Data File: vr464921.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.109										5.039 - 5.179	5.109
PCB-1254 Peak 2	6.283										6.213 - 6.353	6.283
PCB-1254 Peak 3	6.615										6.545 - 6.685	6.615
PCB-1254 Peak 4	7.196										7.126 - 7.266	7.196
PCB-1254 Peak 5	7.412										7.342 - 7.482	7.412
PCB-1254 Peak 6	7.878										7.808 - 7.948	7.878
PCB-1254 Peak 7	8.266										8.196 - 8.336	8.266
PCB-1254 Peak 8	8.655										8.585 - 8.725	8.655

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.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	3080.1				Ave		3080.07000						20.0			
PCB-1254 Peak 2	6652.6				Ave		6652.61600						20.0			
PCB-1254 Peak 3	6508.3				Ave		6508.33700						20.0			
PCB-1254 Peak 4	4528.3				Ave		4528.28600						20.0			
PCB-1254 Peak 5	10004				Ave		10004.4560						20.0			
PCB-1254 Peak 6	7499.5				Ave		7499.52700						20.0			
PCB-1254 Peak 7	5696.0				Ave		5696.00300						20.0			
PCB-1254 Peak 8	5048.2				Ave		5048.24800						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	3080070					1000				
PCB-1254 Peak 2	Ave	6652616					1000				
PCB-1254 Peak 3	Ave	6508337					1000				
PCB-1254 Peak 4	Ave	4528286					1000				
PCB-1254 Peak 5	Ave	10004456					1000				
PCB-1254 Peak 6	Ave	7499527					1000				
PCB-1254 Peak 7	Ave	5696003					1000				
PCB-1254 Peak 8	Ave	5048248					1000				

Curve Type Legend:

Ave = Average

Data File: vf464922.d
Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464922.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 29-SEP-2011 14:39
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:53 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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 RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254				CAS #: 11097-69-1		
5.109	5.109	0.000	3080070 1000.00	1000	80.00- 120.00	100.00(M)
6.283	6.283	0.000	6652616 1000.00	1000	172.79- 259.19	215.99
6.615	6.615	0.000	6508337 1000.00	1000	169.04- 253.57	211.30
7.196	7.196	0.000	4528286 1000.00	1000	117.62- 176.42	147.02
7.412	7.412	0.000	10004456 1000.00	1000	259.85- 389.78	324.81
7.878	7.878	0.000	7499527 1000.00	1000	194.79- 292.18	243.49
8.266	8.266	0.000	5696003 1000.00	1000	147.94- 221.92	184.93
8.655	8.655	0.000	5048248 1000.00	1000	131.12- 196.68	163.90
Average of Peak Amounts =				1e+03		

Data File: vf464922.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464922.d

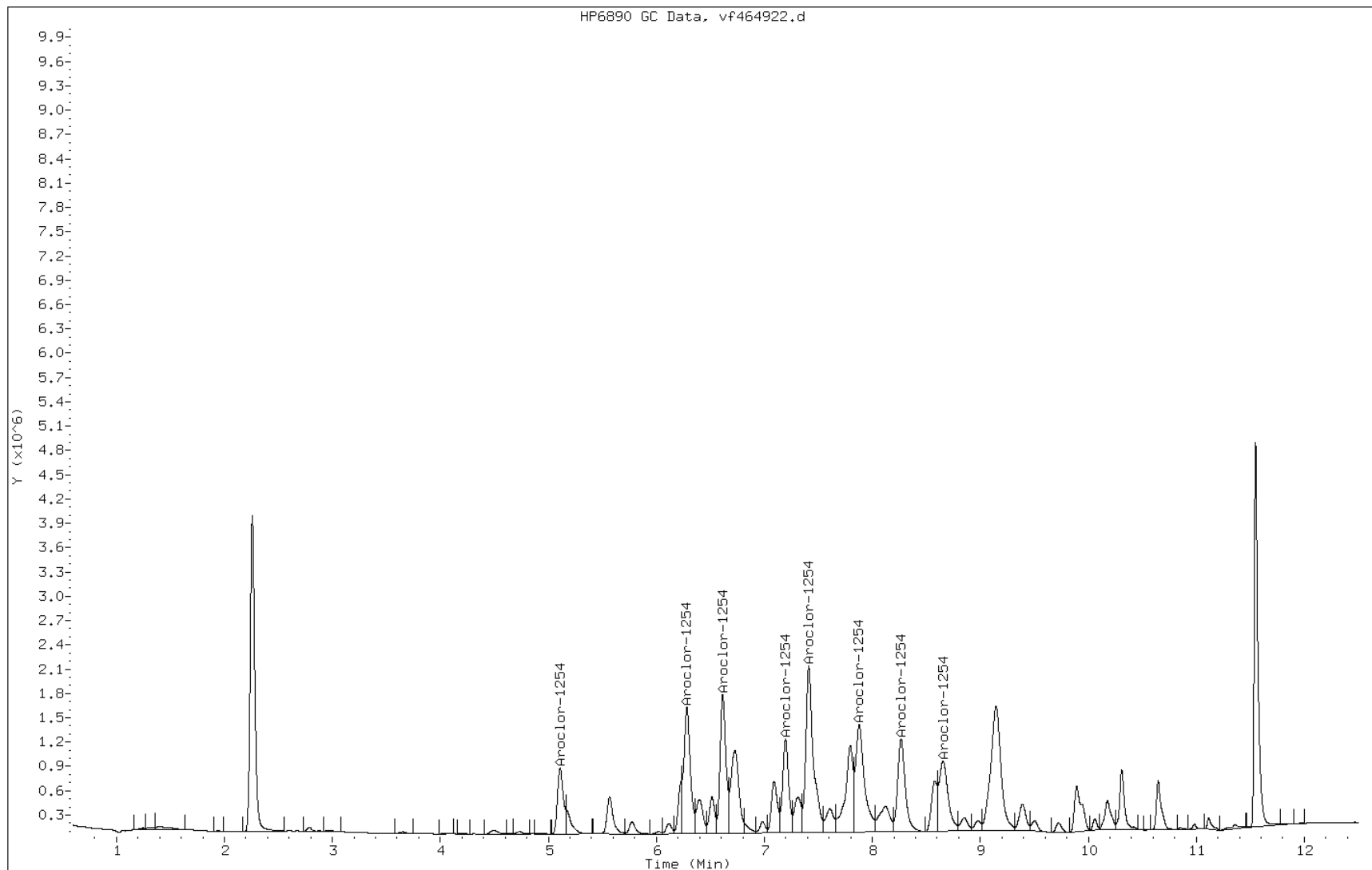
Date: 29-SEP-2011 14:39

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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.702										4.632 - 4.772	4.702
PCB-1254 Peak 2	4.787										4.717 - 4.857	4.787
PCB-1254 Peak 3	5.147										5.077 - 5.217	5.147
PCB-1254 Peak 4	5.588										5.518 - 5.658	5.588
PCB-1254 Peak 5	6.088										6.018 - 6.158	6.088
PCB-1254 Peak 6	6.255										6.185 - 6.325	6.255
PCB-1254 Peak 7	6.542										6.472 - 6.612	6.542
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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.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	8379.2				Ave		8379.21800						20.0			
PCB-1254 Peak 2	6654.6				Ave		6654.63800						20.0			
PCB-1254 Peak 3	11211				Ave		11210.9440						20.0			
PCB-1254 Peak 4	8071.2				Ave		8071.23700						20.0			
PCB-1254 Peak 5	7407.7				Ave		7407.68800						20.0			
PCB-1254 Peak 6	11192				Ave		11192.0910						20.0			
PCB-1254 Peak 7	12377				Ave		12377.2000						20.0			
PCB-1254 Peak 8	14769				Ave		14769.1010						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.: 460-32128-1 Analy Batch No.: 87766

SDG No.: _____

Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	8379218					1000				
PCB-1254 Peak 2	Ave	6654638					1000				
PCB-1254 Peak 3	Ave	11210944					1000				
PCB-1254 Peak 4	Ave	8071237					1000				
PCB-1254 Peak 5	Ave	7407688					1000				
PCB-1254 Peak 6	Ave	11192091					1000				
PCB-1254 Peak 7	Ave	12377200					1000				
PCB-1254 Peak 8	Ave	14769101					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464922.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 29-SEP-2011 14:39
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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 RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.702	4.702	0.000	8379218 1000.00	1000	80.00- 120.00	100.00(M)
4.787	4.787	0.000	6654638 1000.00	1000	63.53- 95.30	79.42
5.147	5.147	0.000	11210944 1000.00	1000	107.04- 160.55	133.79
5.588	5.588	0.000	8071237 1000.00	1000	77.06- 115.59	96.32
6.088	6.088	0.000	7407688 1000.00	1000	70.72- 106.09	88.41
6.255	6.255	0.000	11192091 1000.00	1000	106.86- 160.28	133.57
6.542	6.542	0.000	12377200 1000.00	1000	118.17- 177.26	147.71
6.989	6.989	0.000	14769101 1000.00	1000	141.01- 211.51	176.26
Average of Peak Amounts =			1e+03			

Data File: vr464922.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464922.d

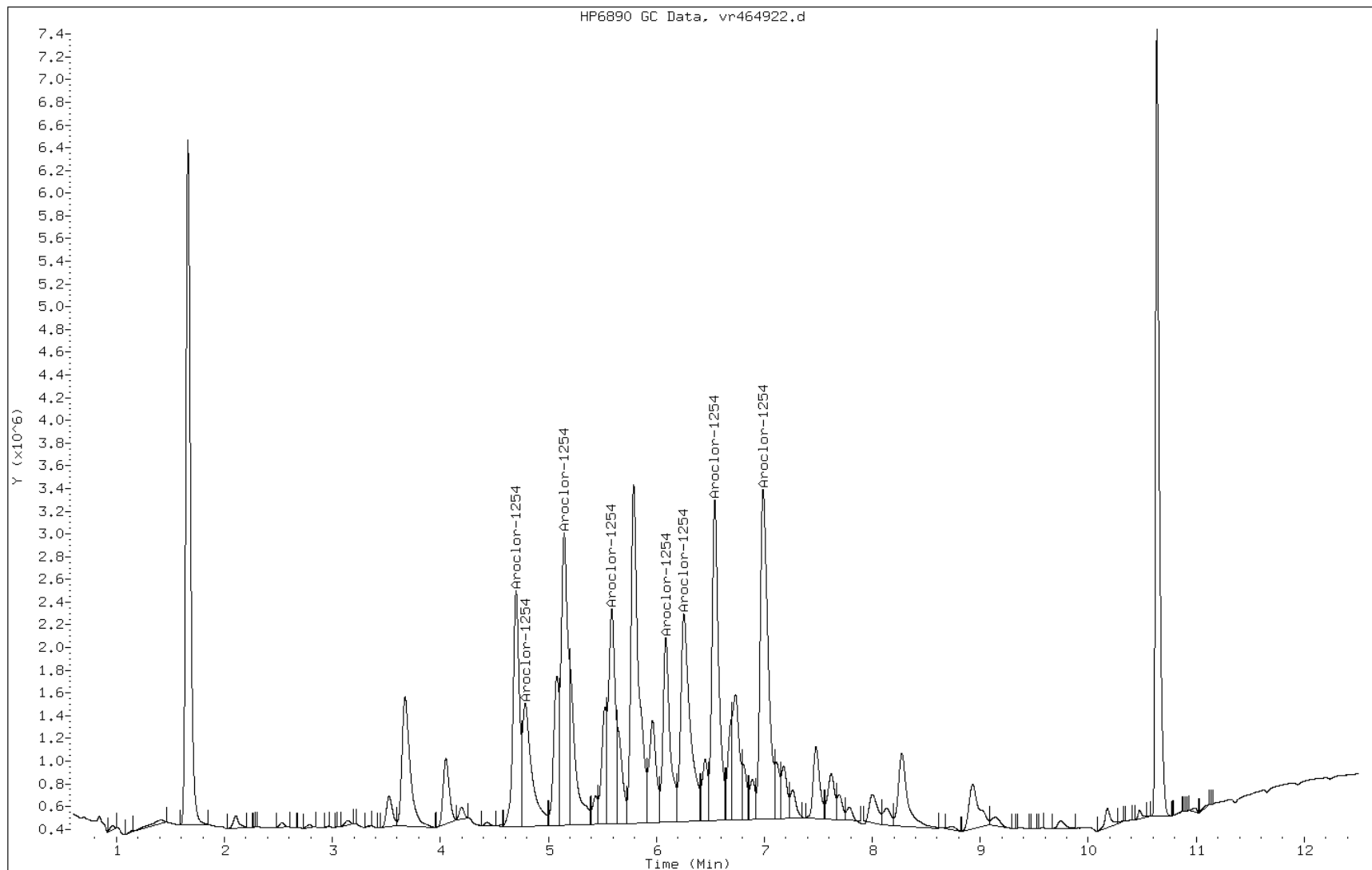
Date: 29-SEP-2011 14:39

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89331/1 Calibration Date: 10/11/2011 15:12
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465423.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	2445	2646		1080	1000	8.2	15.0
PCB-1016 Peak 2	Ave	5096	5127		1010	1000	0.6	15.0
PCB-1016 Peak 3	Ave	2239	2382		1060	1000	6.4	15.0
PCB-1016 Peak 4	Ave	10112	10102		999	1000	-0.1	15.0
PCB-1016 Peak 5	Ave	4613	4912		1060	1000	6.5	15.0
PCB-1016 Peak 6	Ave	2805	2907		1040	1000	3.7	15.0
PCB-1016 Peak 7	Ave	3295	3547		1080	1000	7.6	15.0
PCB-1016 Peak 8	Ave	3431	3691		1080	1000	7.6	15.0
PCB-1260 Peak 1	Ave	3753	3968		1060	1000	5.7	15.0
PCB-1260 Peak 2	Ave	7535	7850		1040	1000	4.2	15.0
PCB-1260 Peak 3	Ave	8953	9429		1050	1000	5.3	15.0
PCB-1260 Peak 4	Ave	6514	6968		1070	1000	7.0	15.0
PCB-1260 Peak 5	Ave	3535	3761		1060	1000	6.4	15.0
PCB-1260 Peak 6	Ave	5841	6367		1090	1000	9.0	15.0
PCB-1260 Peak 7	Ave	7331	7433		1010	1000	1.4	15.0
PCB-1260 Peak 8	Ave	3133	3229		1030	1000	3.0	15.0
DCB Decachlorobiphenyl	Ave	94023	90556		96.3	100	-3.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89331/1 Calibration Date: 10/11/2011 15:12
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465423.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.91	3.05
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	4.44	4.58
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	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

Data File: vf465423.d
Report Date: 13-Oct-2011 09:55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465423.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 11-OCT-2011 15:12
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:55 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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						
2.971	2.971	0.000	2645699 1000.00	1100	80.00- 120.00	100.00(M)			
3.656	3.656	0.000	5126763 1000.00	1000	155.02- 232.53	193.78			
4.100	4.100	0.000	2381663 1000.00	1100	72.02- 108.02	90.02			
4.502	4.502	0.000	10101976 1000.00	1000	305.46- 458.19	381.83			
4.746	4.746	0.000	4911972 1000.00	1100	148.53- 222.79	185.66			
5.181	5.181	0.000	2907341 1000.00	1000	87.91- 131.87	109.89			
5.569	5.569	0.000	3547201 1000.00	1100	107.26- 160.89	134.07			
5.779	5.779	0.000	3691377 1000.00	1100	111.62- 167.43	139.52			
Average of Peak Amounts =			1.05e+03						

27 Aroclor-1260			CAS #: 11096-82-5						
7.480	7.480	0.000	3967931 1000.00	1000	80.00- 120.00	100.00(M)			

Data File: vf465423.d
 Report Date: 13-Oct-2011 09:55

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.795	7.795	0.000	7850321	1000.00	1000	158.28-	237.41	197.84	
8.261	8.261	0.000	9428537	1000.00	1000	190.09-	285.14	237.62	
9.380	9.380	0.000	6968259	1000.00	1100	140.49-	210.74	175.61	
9.500	9.500	0.000	3760731	1000.00	1100	75.82-	113.73	94.78	
9.944	9.944	0.000	6366597	1000.00	1100	128.36-	192.54	160.45	
10.643	10.643	0.000	7432802	1000.00	1000	149.86-	224.79	187.32	
11.114	11.114	0.000	3228528	1000.00	1000	65.09-	97.64	81.37	
Average of Peak Amounts =					1.05e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.550	11.550	0.000	9055628	100.000	96	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465423.d

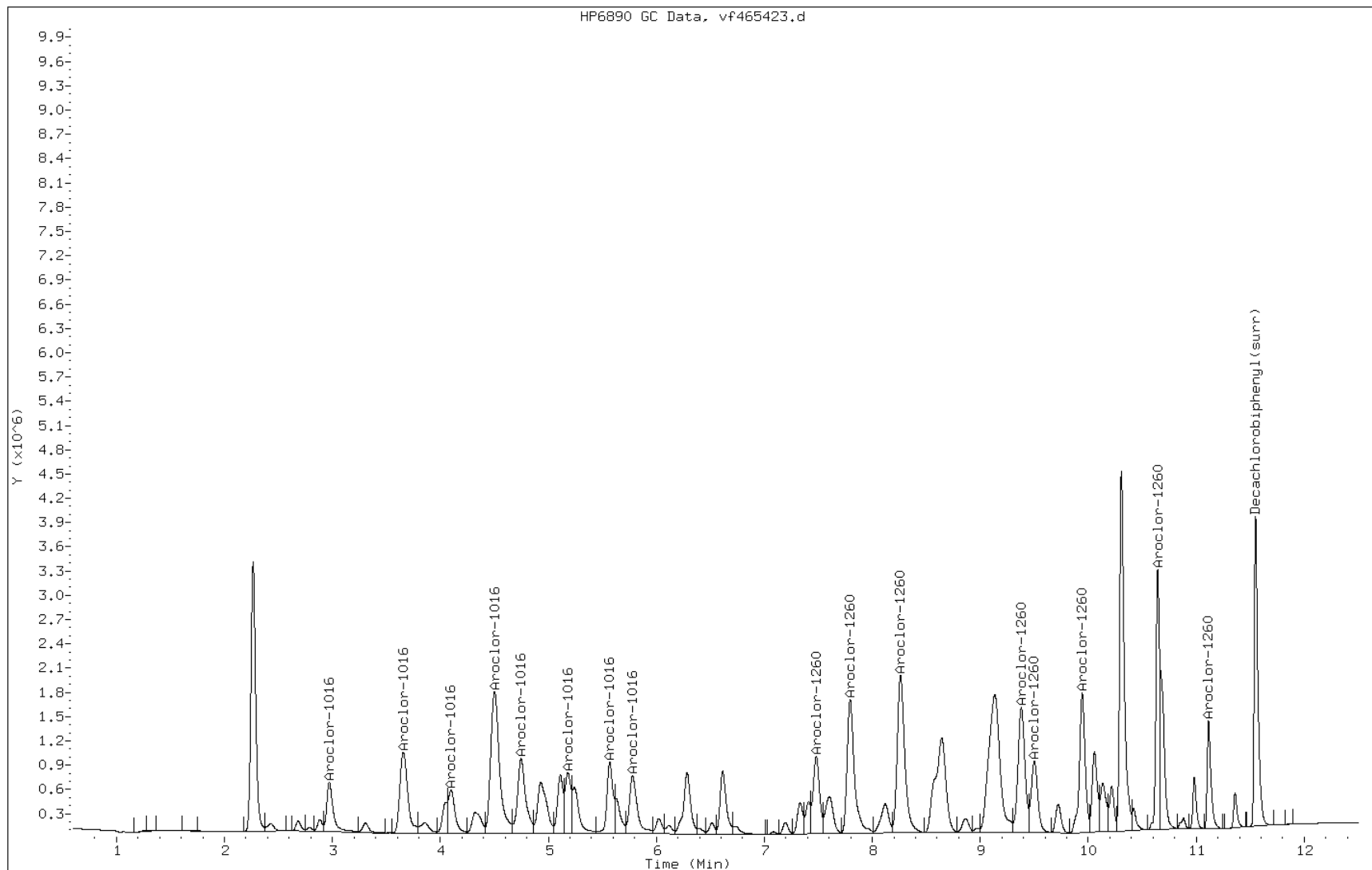
Date: 11-OCT-2011 15:12

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89331/1 Calibration Date: 10/11/2011 15:12
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465423.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	4000	3835		959	1000	-4.1	15.0
PCB-1016 Peak 2	Ave	7518	7165		953	1000	-4.7	15.0
PCB-1016 Peak 3	Ave	5093	4906		963	1000	-3.7	15.0
PCB-1016 Peak 4	Ave	15565	14917		958	1000	-4.2	15.0
PCB-1016 Peak 5	Ave	6140	6075		989	1000	-1.1	15.0
PCB-1016 Peak 6	Ave	6918	6831		987	1000	-1.3	15.0
PCB-1016 Peak 7	Ave	6082	5909		972	1000	-2.8	15.0
PCB-1016 Peak 8	Ave	2921	2644		905	1000	-9.5	15.0
PCB-1260 Peak 1	Ave	10006	10124		1010	1000	1.2	15.0
PCB-1260 Peak 2	Ave	18664	18663		1000	1000	0.0	15.0
PCB-1260 Peak 3	Ave	16384	16328		997	1000	-0.3	15.0
PCB-1260 Peak 4	Ave	9570	9373		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	8023	8136		1010	1000	1.4	15.0
PCB-1260 Peak 6	Ave	8620	9526		1110	1000	10.5	15.0
PCB-1260 Peak 7	Ave	7114	7093		997	1000	-0.3	15.0
PCB-1260 Peak 8	Ave	5211	5828		1120	1000	11.9	15.0
DCB Decachlorobiphenyl	Ave	149065	147601		99.0	100	-1.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89331/1 Calibration Date: 10/11/2011 15:12
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465423.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.03	2.17
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	3.35	3.28	3.42
PCB-1016 Peak 6	3.70	3.63	3.77
PCB-1016 Peak 7	4.05	3.99	4.13
PCB-1016 Peak 8	4.20	4.14	4.28
PCB-1260 Peak 1	6.08	6.01	6.15
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	7.61	7.54	7.68
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.13	9.06	9.20
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465423.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 11-OCT-2011 15:12
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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				
2.102	2.105	-0.003	3835218	1000.00	960	80.00-	120.00	100.00	(M)
2.538	2.540	-0.002	7164903	1000.00	950	150.86-	226.29	186.82	
2.787	2.790	-0.003	4906415	1000.00	960	107.93-	161.89	127.93	
3.145	3.150	-0.005	14916681	1000.00	960	315.47-	473.21	388.94	
3.349	3.353	-0.004	6075382	1000.00	990	129.56-	194.34	158.41	
3.695	3.699	-0.004	6830692	1000.00	990	143.19-	214.78	178.10	
4.055	4.057	-0.002	5909314	1000.00	970	124.11-	186.16	154.08	
4.203	4.207	-0.004	2643890	1000.00	900	63.53-	95.29	68.94	
Average of Peak Amounts =					961				

27 Aroclor-1260					CAS #: 11096-82-5				
6.084	6.083	0.001	10124140	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)									
6.536	6.536	0.000	18663400	1000.00	1000	147.03-	220.54	184.35	
6.980	6.980	0.000	16328131	1000.00	1000	129.79-	194.69	161.28	
7.177	7.176	0.001	9373427	1000.00	980	74.16-	111.25	92.58	
7.614	7.614	0.000	8136424	1000.00	1000	62.91-	94.37	80.37	
8.912	8.910	0.002	9525684	1000.00	1100	71.86-	107.79	94.09	
9.129	9.127	0.002	7093432	1000.00	1000	53.04-	79.55	70.06	
10.170	10.168	0.002	5828349	1000.00	1100	43.93-	65.90	57.57	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.632	10.631	0.001	14760068	100.000	99	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465423.d

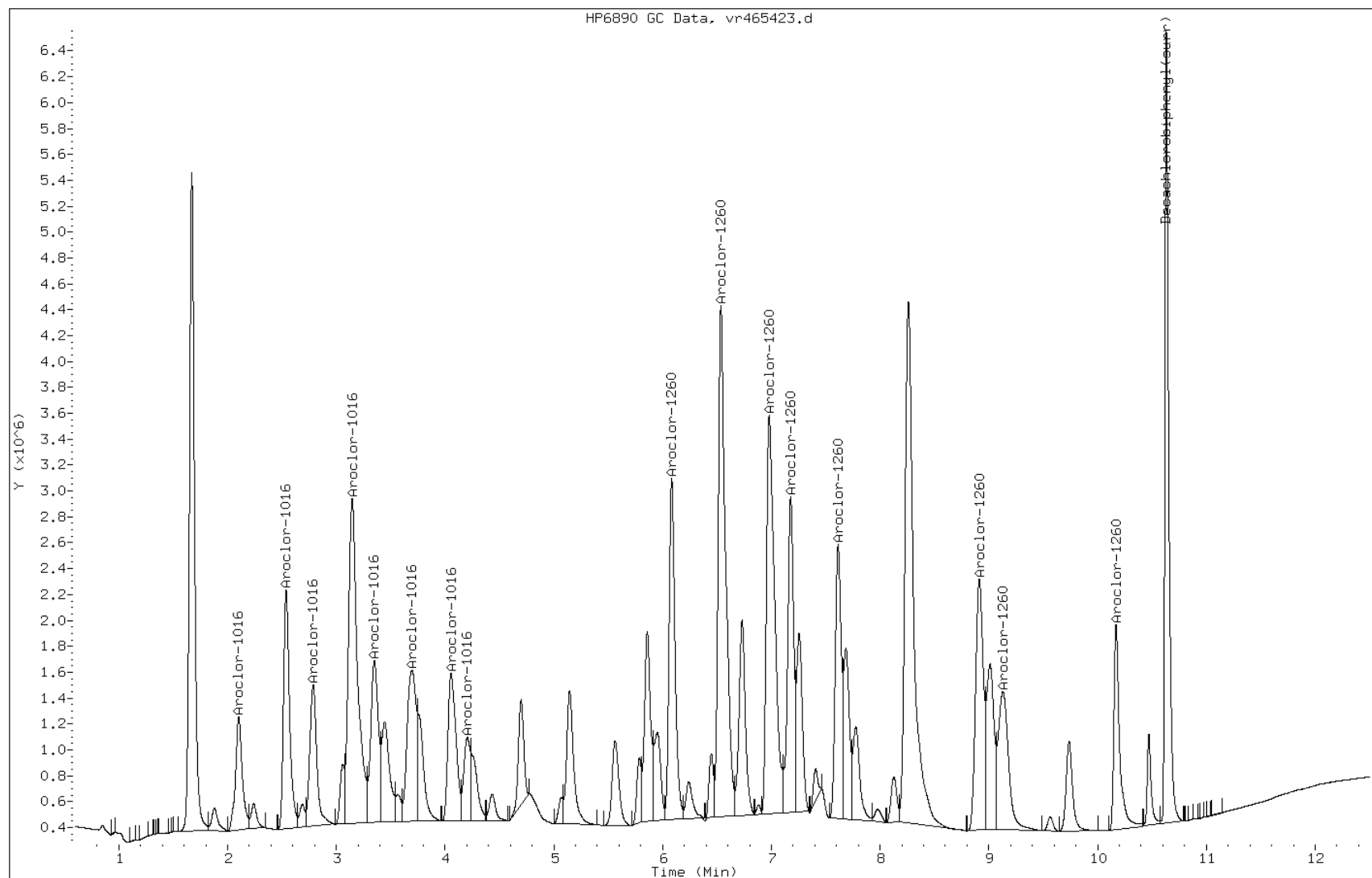
Date: 11-OCT-2011 15:12

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89331/25 Calibration Date: 10/11/2011 23:03
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465447.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	2445	2558		1050	1000	4.6	15.0
PCB-1016 Peak 2	Ave	5096	5299		1040	1000	4.0	15.0
PCB-1016 Peak 3	Ave	2239	2518		1120	1000	12.5	15.0
PCB-1016 Peak 4	Ave	10112	10337		1020	1000	2.2	15.0
PCB-1016 Peak 5	Ave	4613	4962		1080	1000	7.6	15.0
PCB-1016 Peak 6	Ave	2805	2950		1050	1000	5.2	15.0
PCB-1016 Peak 7	Ave	3295	3441		1040	1000	4.4	15.0
PCB-1016 Peak 8	Ave	3431	3536		1030	1000	3.1	15.0
PCB-1260 Peak 1	Ave	3753	4161		1110	1000	10.9	15.0
PCB-1260 Peak 2	Ave	7535	8162		1080	1000	8.3	15.0
PCB-1260 Peak 3	Ave	8953	9844		1100	1000	10.0	15.0
PCB-1260 Peak 4	Ave	6514	7385		1130	1000	13.4	15.0
PCB-1260 Peak 5	Ave	3535	4004		1130	1000	13.3	15.0
PCB-1260 Peak 6	Ave	5841	6655		1140	1000	13.9	15.0
PCB-1260 Peak 7	Ave	7331	8137		1110	1000	11.0	15.0
PCB-1260 Peak 8	Ave	3133	3403		1090	1000	8.6	15.0
DCB Decachlorobiphenyl	Ave	94023	95053		101	100	1.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89331/25 Calibration Date: 10/11/2011 23:03
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465447.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.98	2.91	3.05
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	4.44	4.58
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	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

Data File: vf465447.d
Report Date: 13-Oct-2011 09:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465447.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 11-OCT-2011 23:03
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:57 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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			
2.976	2.976	0.000	2558364 1000.00	1000	80.00- 120.00	100.00(M)
3.661	3.661	0.000	5298638 1000.00	1000	165.69- 248.53	207.11
4.103	4.103	0.000	2518289 1000.00	1100	78.75- 118.12	98.43
4.506	4.506	0.000	10337314 1000.00	1000	323.25- 484.87	404.06
4.750	4.750	0.000	4961748 1000.00	1100	155.15- 232.73	193.94
5.183	5.183	0.000	2950049 1000.00	1000	92.25- 138.37	115.31
5.570	5.570	0.000	3440577 1000.00	1000	107.59- 161.38	134.48
5.780	5.780	0.000	3535928 1000.00	1000	110.57- 165.85	138.21
Average of Peak Amounts =			1.05e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
7.480	7.480	0.000	4160757 1000.00	1100	80.00- 120.00	100.00(M)

Data File: vf465447.d
 Report Date: 13-Oct-2011 09:57

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.795	7.795	0.000	8161877	1000.00	1100	156.93-	235.40	196.16	
8.262	8.262	0.000	9843989	1000.00	1100	189.27-	283.91	236.59	
9.380	9.380	0.000	7384818	1000.00	1100	141.99-	212.98	177.49	
9.500	9.500	0.000	4004467	1000.00	1100	76.99-	115.49	96.24	
9.944	9.944	0.000	6654886	1000.00	1100	127.96-	191.93	159.94	
10.642	10.642	0.000	8137199	1000.00	1100	156.46-	234.68	195.57	
11.112	11.112	0.000	3403260	1000.00	1100	65.44-	98.15	81.79	
Average of Peak Amounts =					1.11e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.545	11.545	0.000	9505349	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465447.d

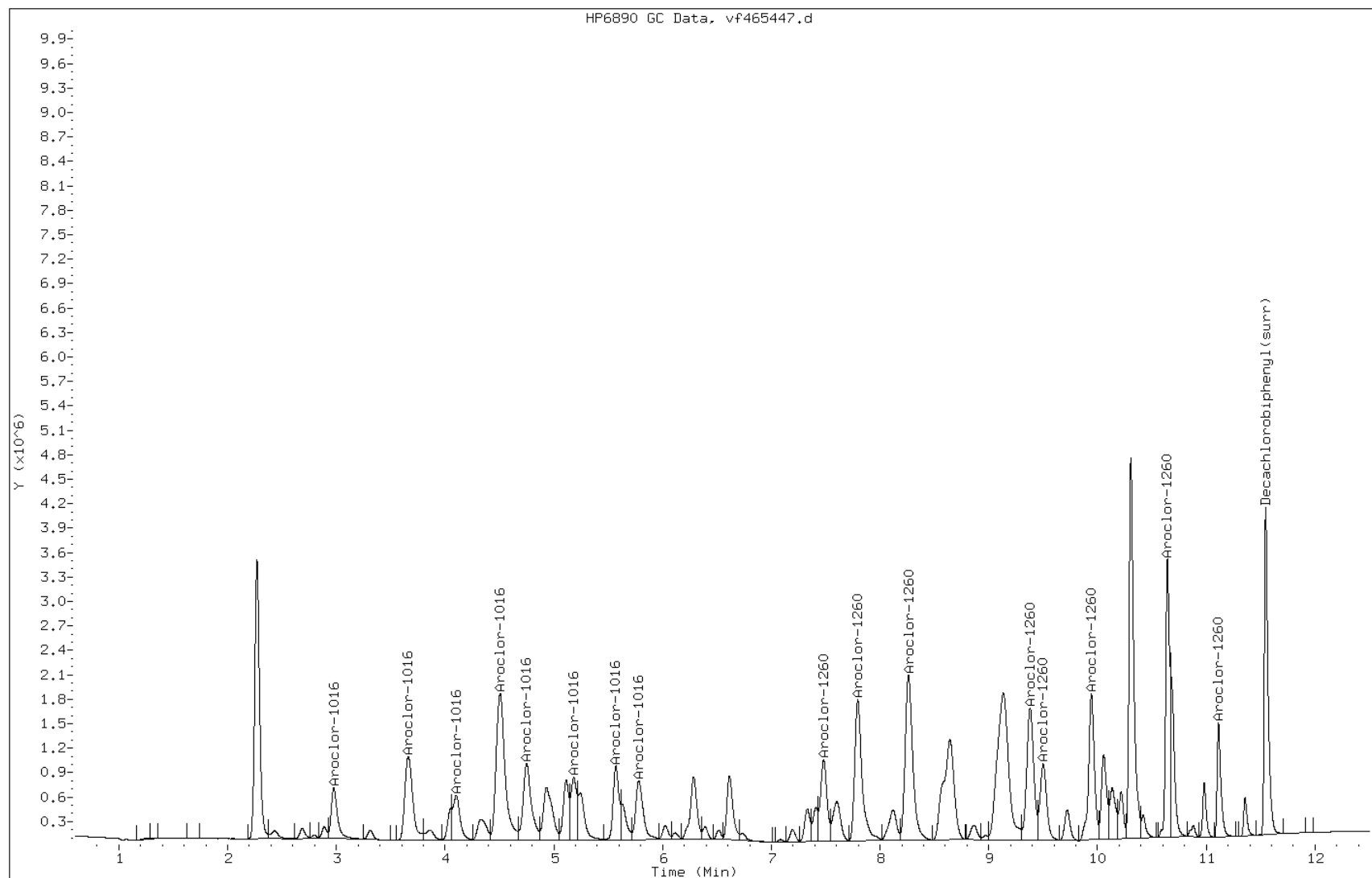
Date: 11-OCT-2011 23:03

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89331/25 Calibration Date: 10/11/2011 23:03
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465447.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	4000	3973		993	1000	-0.7	15.0
PCB-1016 Peak 2	Ave	7518	7491		997	1000	-0.3	15.0
PCB-1016 Peak 3	Ave	5093	5359		1050	1000	5.2	15.0
PCB-1016 Peak 4	Ave	15565	15665		1010	1000	0.6	15.0
PCB-1016 Peak 5	Ave	6140	6434		1050	1000	4.8	15.0
PCB-1016 Peak 6	Ave	6918	7110		1030	1000	2.8	15.0
PCB-1016 Peak 7	Ave	6082	6163		1010	1000	1.3	15.0
PCB-1016 Peak 8	Ave	2921	3155		1080	1000	8.0	15.0
PCB-1260 Peak 1	Ave	10006	10897		1090	1000	8.9	15.0
PCB-1260 Peak 2	Ave	18664	20027		1070	1000	7.3	15.0
PCB-1260 Peak 3	Ave	16384	17679		1080	1000	7.9	15.0
PCB-1260 Peak 4	Ave	9570	10102		1060	1000	5.6	15.0
PCB-1260 Peak 5	Ave	8023	8570		1070	1000	6.8	15.0
PCB-1260 Peak 6	Ave	8620	9788		1140	1000	13.6	15.0
PCB-1260 Peak 7	Ave	7114	7224		1020	1000	1.5	15.0
PCB-1260 Peak 8	Ave	5211	5984		1150	1000	14.8	15.0
DCB Decachlorobiphenyl	Ave	149065	153516		103	100	3.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89331/25 Calibration Date: 10/11/2011 23:03
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465447.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.03	2.17
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	3.35	3.28	3.42
PCB-1016 Peak 6	3.70	3.63	3.77
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.14	4.28
PCB-1260 Peak 1	6.08	6.01	6.15
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	7.61	7.54	7.68
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.13	9.06	9.20
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465447.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 11-OCT-2011 23:03
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 24 Continuing Calibration Sample
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	CAL - AMT		ON - COL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE	(ug/L)	(ug/L)		=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.105	2.105	0.000	3972530	1000.00	990	80.00- 120.00	100.00(M)		
2.540	2.540	0.000	7491240	1000.00	1000	150.86- 226.29	188.58		
2.790	2.790	0.000	5359314	1000.00	1000	107.93- 161.89	134.91		
3.150	3.150	0.000	15665282	1000.00	1000	315.47- 473.21	394.34		
3.353	3.353	0.000	6433608	1000.00	1000	129.56- 194.34	161.95		
3.699	3.699	0.000	7110105	1000.00	1000	143.19- 214.78	178.98		
4.057	4.057	0.000	6162756	1000.00	1000	124.11- 186.16	155.13		
4.207	4.207	0.000	3154528	1000.00	1100	63.53- 95.29	79.41		
Average of Peak Amounts =					1.03e+03				
27 Aroclor-1260					CAS #: 11096-82-5				
6.083	6.083	0.000	10896948	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)									
6.536	6.536	0.000	20026687	1000.00	1100	147.03-	220.54	183.78	
6.980	6.980	0.000	17679047	1000.00	1100	129.79-	194.69	162.24	
7.176	7.176	0.000	10101931	1000.00	1000	74.16-	111.25	92.70	
7.614	7.614	0.000	8569520	1000.00	1100	62.91-	94.37	78.64	
8.910	8.910	0.000	9788393	1000.00	1100	71.86-	107.79	89.83	
9.127	9.127	0.000	7224010	1000.00	1000	53.04-	79.55	66.29	
10.168	10.168	0.000	5984117	1000.00	1100	43.93-	65.90	54.92	
Average of Peak Amounts =					1.08e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.631	10.631	0.000	15351624	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465447.d

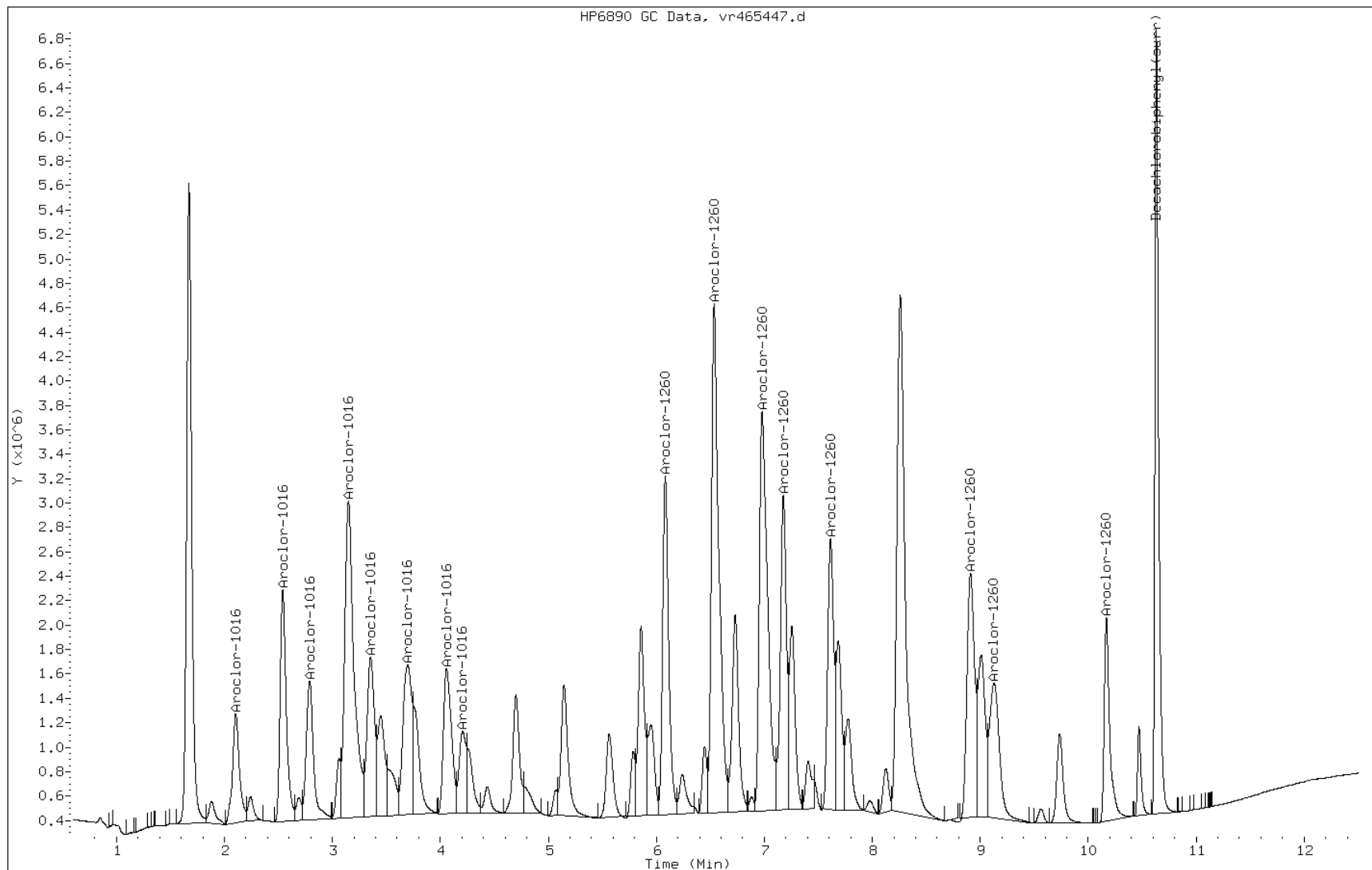
Date: 11-OCT-2011 23:03

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89405/3 Calibration Date: 10/13/2011 08:49
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465526.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	2445	2278		932	1000	-6.8	15.0
PCB-1016 Peak 2	Ave	5096	4942		970	1000	-3.0	15.0
PCB-1016 Peak 3	Ave	2239	2153		962	1000	-3.8	15.0
PCB-1016 Peak 4	Ave	10112	9541		944	1000	-5.6	15.0
PCB-1016 Peak 5	Ave	4613	4422		959	1000	-4.1	15.0
PCB-1016 Peak 6	Ave	2805	2584		921	1000	-7.9	15.0
PCB-1016 Peak 7	Ave	3295	3044		924	1000	-7.6	15.0
PCB-1016 Peak 8	Ave	3431	2991		872	1000	-12.8	15.0
PCB-1260 Peak 1	Ave	3753	3706		987	1000	-1.3	15.0
PCB-1260 Peak 2	Ave	7535	7367		978	1000	-2.2	15.0
PCB-1260 Peak 3	Ave	8953	8958		1000	1000	0.0	15.0
PCB-1260 Peak 4	Ave	6514	6615		1020	1000	1.5	15.0
PCB-1260 Peak 5	Ave	3535	3571		1010	1000	1.0	15.0
PCB-1260 Peak 6	Ave	5841	5952		1020	1000	1.9	15.0
PCB-1260 Peak 7	Ave	7331	7226		986	1000	-1.4	15.0
PCB-1260 Peak 8	Ave	3133	3274		1040	1000	4.5	15.0
DCB Decachlorobiphenyl	Ave	94023	90036		95.8	100	-4.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89405/3 Calibration Date: 10/13/2011 08:49
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465526.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.95	2.89	3.03
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	4.08	4.01	4.15
PCB-1016 Peak 4	4.48	4.42	4.56
PCB-1016 Peak 5	4.73	4.66	4.80
PCB-1016 Peak 6	5.17	5.10	5.24
PCB-1016 Peak 7	5.56	5.49	5.63
PCB-1016 Peak 8	5.77	5.70	5.84
PCB-1260 Peak 1	7.47	7.40	7.54
PCB-1260 Peak 2	7.78	7.71	7.85
PCB-1260 Peak 3	8.25	8.18	8.32
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	9.86	10.00
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.54	11.45	11.65

Data File: vf465526.d
 Report Date: 13-Oct-2011 14:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465526.d
 Lab Smp Id: CCVRTSG1660L3_00013
 Inj Date : 13-OCT-2011 08:49
 Operator : 615
 Smp Info : CCVRT-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
 Meth Date : 13-Oct-2011 14:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.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			
2.955	2.955	0.000	2278318 1000.00	930 80.00-	120.00	100.00(M)
3.639	3.639	0.000	4941608 1000.00	970 173.52-	260.28	216.90
4.083	4.083	0.000	2153418 1000.00	960 75.61-	113.42	94.52
4.484	4.484	0.000	9541168 1000.00	940 335.02-	502.54	418.78
4.730	4.730	0.000	4421894 1000.00	960 155.27-	232.90	194.09
5.167	5.167	0.000	2584395 1000.00	920 90.75-	136.12	113.43
5.555	5.555	0.000	3043783 1000.00	920 106.88-	160.32	133.60
5.765	5.765	0.000	2991009 1000.00	870 105.03-	157.54	131.28
Average of Peak Amounts =			935			
27 Aroclor-1260			CAS #: 11096-82-5			
7.470	7.470	0.000	3705661 1000.00	990 80.00-	120.00	100.00(M)

Data File: vf465526.d
 Report Date: 13-Oct-2011 14:52

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.783	7.783	0.000	7367076	1000.00	980	159.04-	238.57	198.81	
8.250	8.250	0.000	8957562	1000.00	1000	193.38-	290.07	241.73	
9.370	9.370	0.000	6614730	1000.00	1000	142.80-	214.20	178.50	
9.491	9.491	0.000	3570713	1000.00	1000	77.09-	115.63	96.36	
9.937	9.937	0.000	5952494	1000.00	1000	128.51-	192.76	160.63	
10.640	10.640	0.000	7225530	1000.00	980	155.99-	233.98	194.99	
11.110	11.110	0.000	3273816	1000.00	1000	70.68-	106.02	88.35	
Average of Peak Amounts =					1.01e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.543	11.543	0.000	9003607	100.000	96	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465526.d

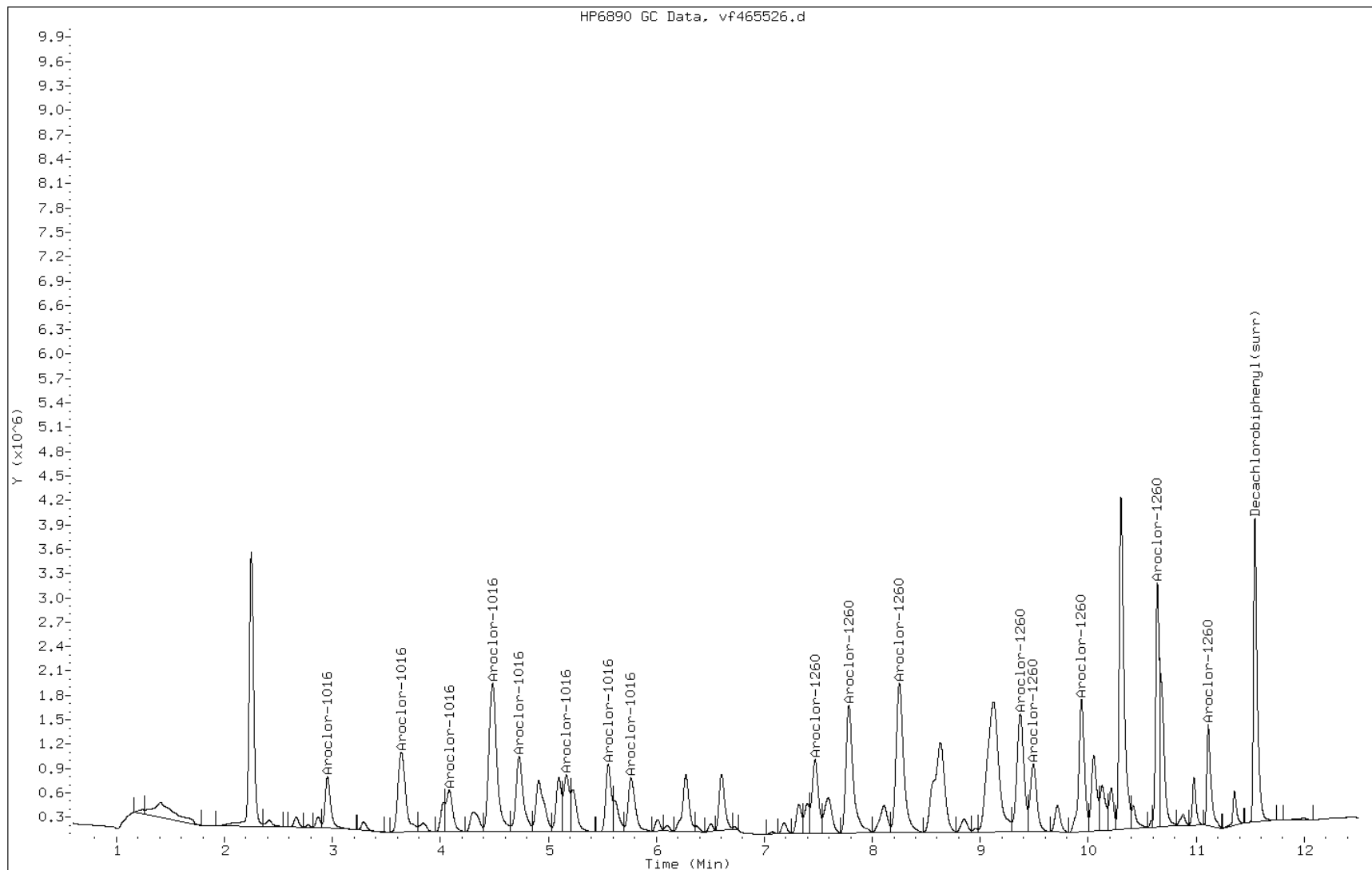
Date: 13-OCT-2011 08:49

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89405/3 Calibration Date: 10/13/2011 08:49
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465526.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	4000	3799		950	1000	-5.0	15.0
PCB-1016 Peak 2	Ave	7518	6677		888	1000	-11.2	15.0
PCB-1016 Peak 3	Ave	5093	4562		896	1000	-10.4	15.0
PCB-1016 Peak 4	Ave	15565	14330		921	1000	-7.9	15.0
PCB-1016 Peak 5	Ave	6140	5693		927	1000	-7.3	15.0
PCB-1016 Peak 6	Ave	6918	6336		916	1000	-8.4	15.0
PCB-1016 Peak 7	Ave	6082	5526		909	1000	-9.1	15.0
PCB-1016 Peak 8	Ave	2921	2657		910	1000	-9.0	15.0
PCB-1260 Peak 1	Ave	10006	9829		982	1000	-1.8	15.0
PCB-1260 Peak 2	Ave	18664	18121		971	1000	-2.9	15.0
PCB-1260 Peak 3	Ave	16384	16024		978	1000	-2.2	15.0
PCB-1260 Peak 4	Ave	9570	9237		965	1000	-3.5	15.0
PCB-1260 Peak 5	Ave	8023	7632		951	1000	-4.9	15.0
PCB-1260 Peak 6	Ave	8620	8232		955	1000	-4.5	15.0
PCB-1260 Peak 7	Ave	7114	6985		982	1000	-1.8	15.0
PCB-1260 Peak 8	Ave	5211	5339		1020	1000	2.5	15.0
DCB Decachlorobiphenyl	Ave	149065	137374		92.2	100	-7.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89405/3 Calibration Date: 10/13/2011 08:49
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465526.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.08	2.01	2.15
PCB-1016 Peak 2	2.52	2.45	2.59
PCB-1016 Peak 3	2.77	2.70	2.84
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.33	3.26	3.40
PCB-1016 Peak 6	3.68	3.61	3.75
PCB-1016 Peak 7	4.04	3.97	4.11
PCB-1016 Peak 8	4.18	4.12	4.26
PCB-1260 Peak 1	6.07	6.00	6.14
PCB-1260 Peak 2	6.53	6.46	6.60
PCB-1260 Peak 3	6.97	6.90	7.04
PCB-1260 Peak 4	7.17	7.10	7.24
PCB-1260 Peak 5	7.60	7.53	7.67
PCB-1260 Peak 6	8.91	8.83	8.97
PCB-1260 Peak 7	9.12	9.04	9.18
PCB-1260 Peak 8	10.17	10.09	10.23
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/vr465526.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 13-OCT-2011 08:49
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.082	2.083	-0.001	3799386 1000.00	950 80.00- 120.00	100.00(M)	
2.520	2.522	-0.002	6676967 1000.00	890 138.22- 207.33	175.74	
2.770	2.772	-0.002	4562126 1000.00	900 93.59- 140.38	120.08	
3.126	3.128	-0.002	14330112 1000.00	920 302.23- 453.35	377.17	
3.326	3.328	-0.002	5693051 1000.00	930 123.02- 184.53	149.84	
3.678	3.678	0.000	6335745 1000.00	920 139.71- 209.57	166.76	
4.035	4.038	-0.003	5525908 1000.00	910 119.28- 178.93	145.44	
4.185	4.187	-0.002	2657418 1000.00	910 58.08- 87.12	69.94	
Average of Peak Amounts =				914		
27 Aroclor-1260				CAS #: 11096-82-5		
6.072	6.071	0.001	9829101 1000.00	980 80.00- 120.00	100.00(M)	

AMOUNTS									
RT	EXP RT	DLT RT	CAL -AMT		ON -COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.526	6.525	0.001	18121210	1000.00	970	147.74-	221.61	184.36	
6.972	6.969	0.003	16024235	1000.00	980	132.28-	198.41	163.03	
7.168	7.165	0.003	9236630	1000.00	960	76.17-	114.26	93.97	
7.605	7.602	0.003	7631917	1000.00	950	64.97-	97.46	77.65	
8.905	8.898	0.007	8232141	1000.00	950	72.70-	109.05	83.75	
9.120	9.114	0.006	6985236	1000.00	980	57.83-	86.75	71.07	
10.168	10.163	0.005	5338951	1000.00	1000	41.70-	62.55	54.32	
Average of Peak Amounts =					976				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.629	10.627	0.002	13737403	100.000	92	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465526.d

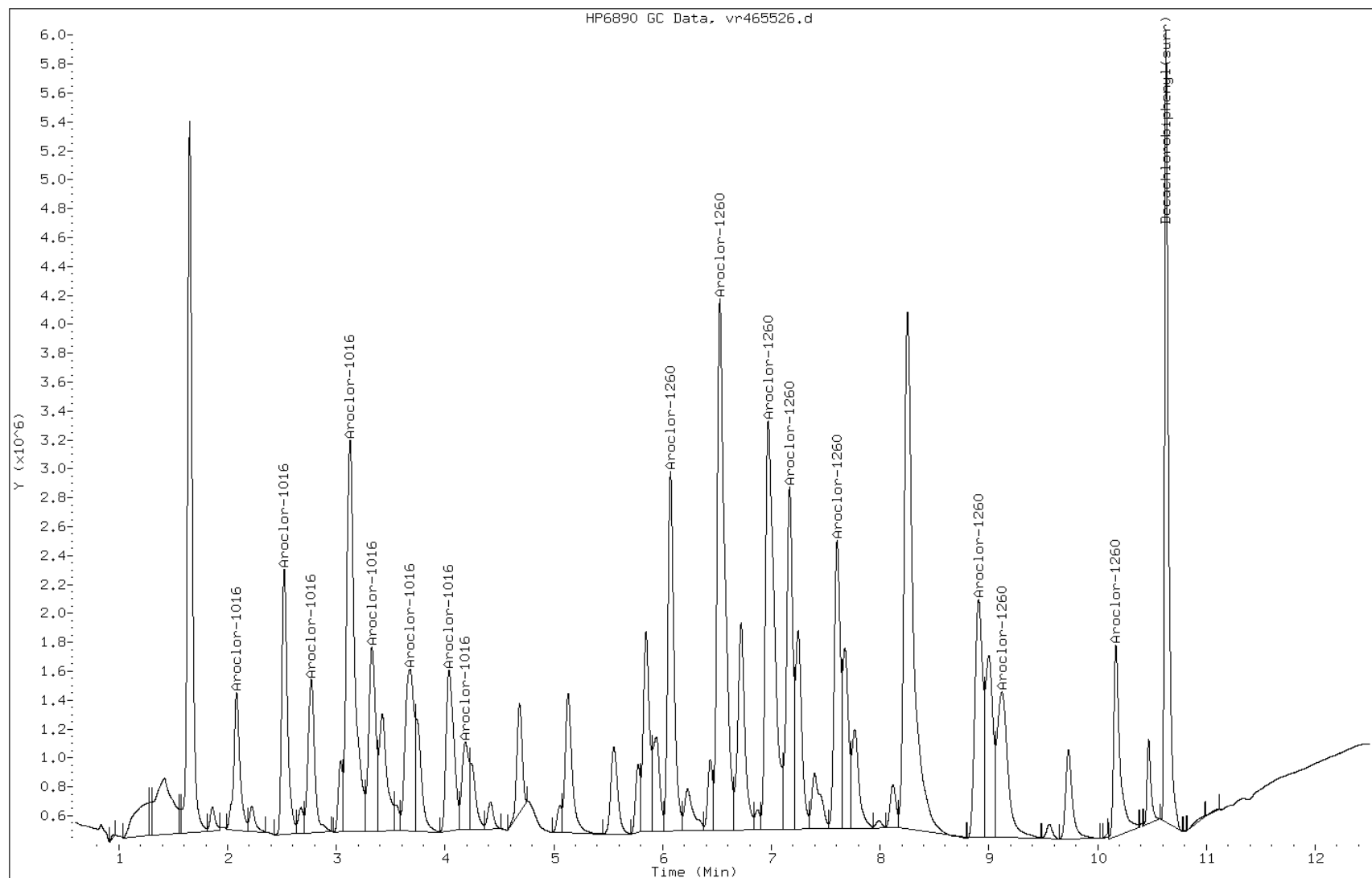
Date: 13-OCT-2011 08:49

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615

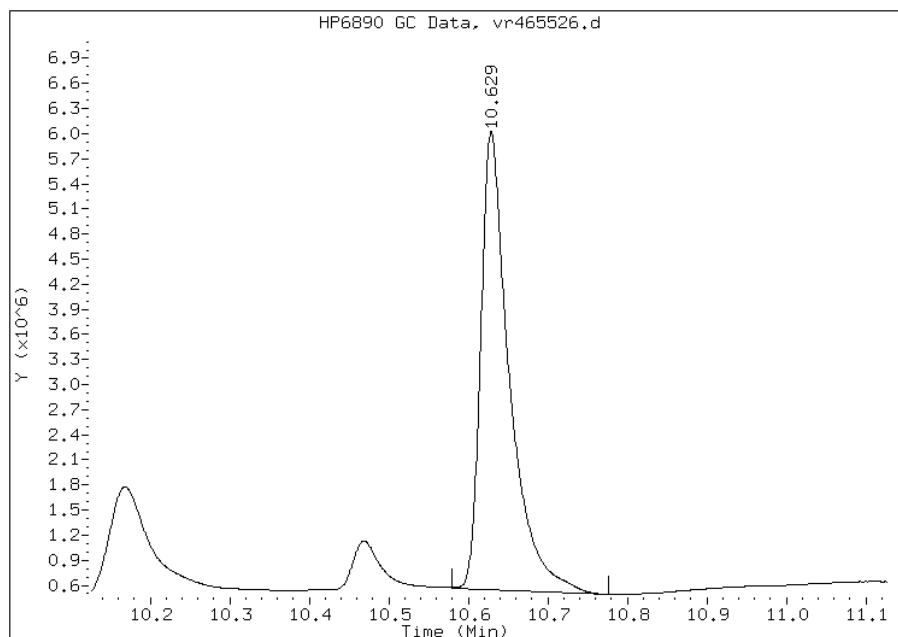


Manual Integration Report

Data File: vr465526.d
Inj. Date and Time: 13-OCT-2011 08:49
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/13/2011

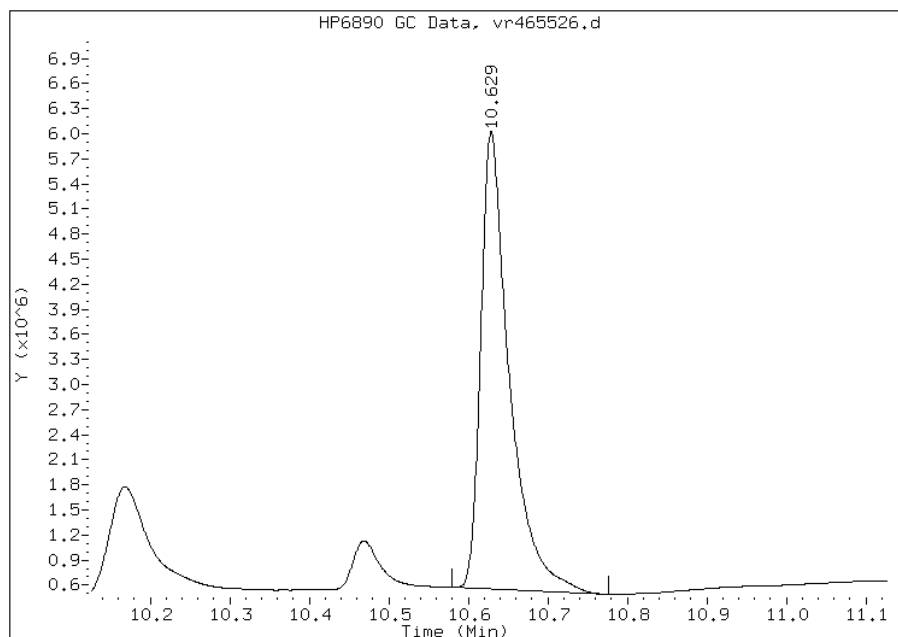
Processing Integration Results

RT: 10.63
Response: 13784170
Amount: 92.47
Conc: 61.65



Manual Integration Results

RT: 10.63
Response: 13737403
Amount: 92.16
Conc: 92.16



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89405/21 Calibration Date: 10/13/2011 13:30
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465544.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	2445	2485		1020	1000	1.6	15.0
PCB-1016 Peak 2	Ave	5096	5152		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	2239	2279		1020	1000	1.8	15.0
PCB-1016 Peak 4	Ave	10112	9919		981	1000	-1.9	15.0
PCB-1016 Peak 5	Ave	4613	4671		1010	1000	1.3	15.0
PCB-1016 Peak 6	Ave	2805	2752		981	1000	-1.9	15.0
PCB-1016 Peak 7	Ave	3295	3117		946	1000	-5.4	15.0
PCB-1016 Peak 8	Ave	3431	3273		954	1000	-4.6	15.0
PCB-1260 Peak 1	Ave	3753	3892		1040	1000	3.7	15.0
PCB-1260 Peak 2	Ave	7535	7746		1030	1000	2.8	15.0
PCB-1260 Peak 3	Ave	8953	9331		1040	1000	4.2	15.0
PCB-1260 Peak 4	Ave	6514	6943		1070	1000	6.6	15.0
PCB-1260 Peak 5	Ave	3535	3741		1060	1000	5.8	15.0
PCB-1260 Peak 6	Ave	5841	6263		1070	1000	7.2	15.0
PCB-1260 Peak 7	Ave	7331	8077		1100	1000	10.2	15.0
PCB-1260 Peak 8	Ave	3133	3393		1080	1000	8.3	15.0
DCB Decachlorobiphenyl	Ave	94023	89792		95.5	100	-4.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89405/21 Calibration Date: 10/13/2011 13:30
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465544.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.96	2.89	3.03
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	4.08	4.01	4.15
PCB-1016 Peak 4	4.49	4.42	4.56
PCB-1016 Peak 5	4.73	4.66	4.80
PCB-1016 Peak 6	5.17	5.10	5.24
PCB-1016 Peak 7	5.56	5.49	5.63
PCB-1016 Peak 8	5.77	5.70	5.84
PCB-1260 Peak 1	7.47	7.40	7.54
PCB-1260 Peak 2	7.78	7.71	7.85
PCB-1260 Peak 3	8.25	8.18	8.32
PCB-1260 Peak 4	9.37	9.30	9.44
PCB-1260 Peak 5	9.49	9.42	9.56
PCB-1260 Peak 6	9.93	9.86	10.00
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

Data File: vf465544.d
Report Date: 13-Oct-2011 14:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465544.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 13-OCT-2011 13:30
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
Meth Date : 13-Oct-2011 14:54 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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		
2.955	2.955	0.000	2485331 1000.00	1000	80.00- 120.00	100.00(M)
3.639	3.639	0.000	5151521 1000.00	1000	165.82- 248.73	207.28
4.083	4.083	0.000	2279122 1000.00	1000	73.36- 110.04	91.70
4.485	4.485	0.000	9919362 1000.00	980	319.29- 478.94	399.12
4.729	4.729	0.000	4671041 1000.00	1000	150.36- 225.53	187.94
5.167	5.167	0.000	2752346 1000.00	980	88.59- 132.89	110.74
5.555	5.555	0.000	3117000 1000.00	940	100.33- 150.50	125.42
5.765	5.765	0.000	3272791 1000.00	950	105.35- 158.02	131.68
Average of Peak Amounts =				990		

27 Aroclor-1260				CAS #: 11096-82-5		
7.468	7.468	0.000	3891592 1000.00	1000	80.00- 120.00	100.00(M)

Data File: vf465544.d
 Report Date: 13-Oct-2011 14:54

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.781	7.781	0.000	7745533	1000.00	1000	159.23-	238.84	199.03	
8.248	8.248	0.000	9330796	1000.00	1000	191.81-	287.72	239.77	
9.367	9.367	0.000	6942723	1000.00	1100	142.72-	214.08	178.40	
9.488	9.488	0.000	3740869	1000.00	1000	76.90-	115.35	96.13	
9.934	9.934	0.000	6262898	1000.00	1100	128.75-	193.12	160.93	
10.638	10.638	0.000	8076546	1000.00	1100	166.03-	249.05	207.54	
11.111	11.111	0.000	3393018	1000.00	1100	69.75-	104.63	87.19	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.547	11.547	0.000	8979174	100.000	96	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465544.d

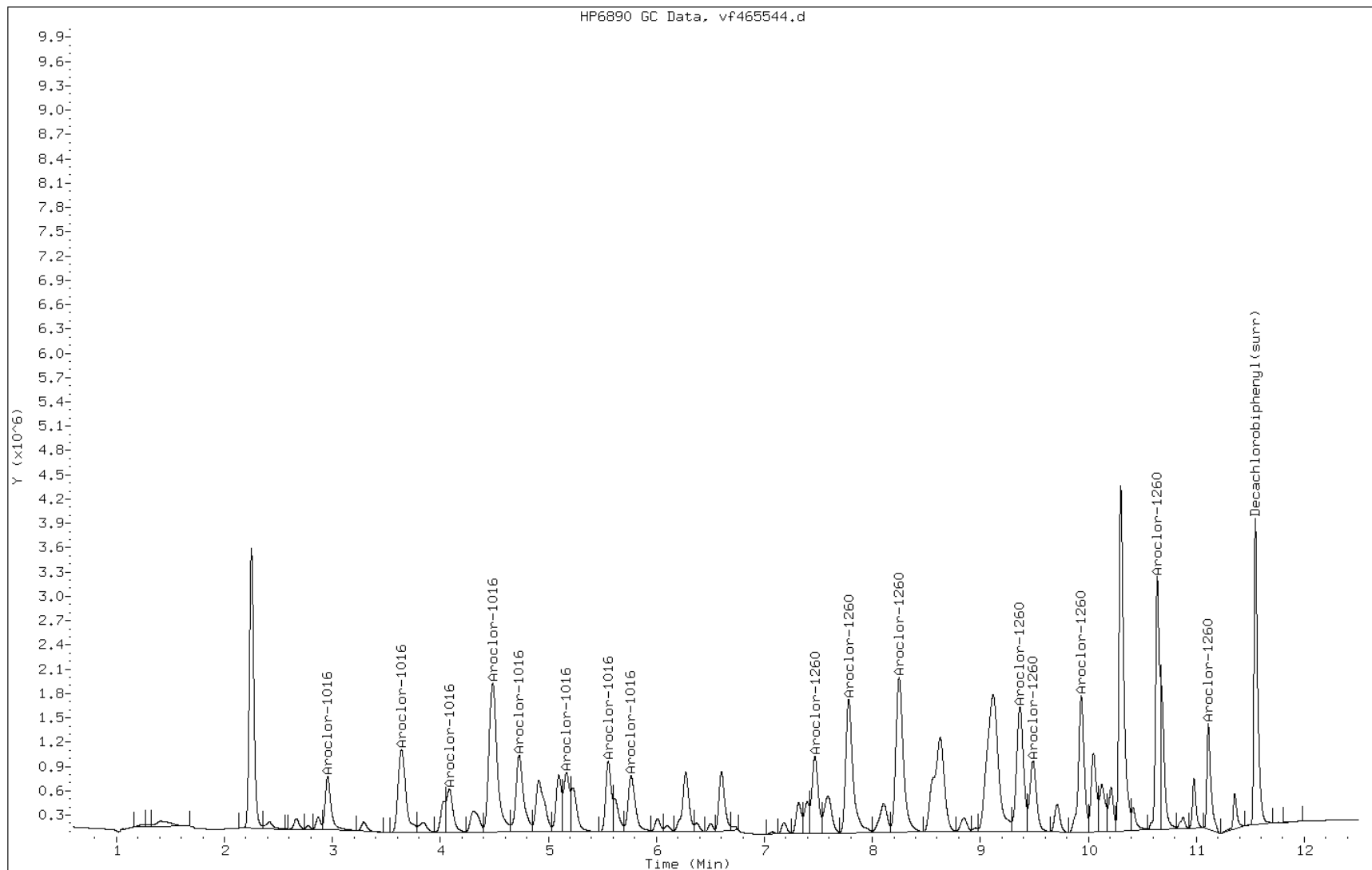
Date: 13-OCT-2011 13:30

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 615

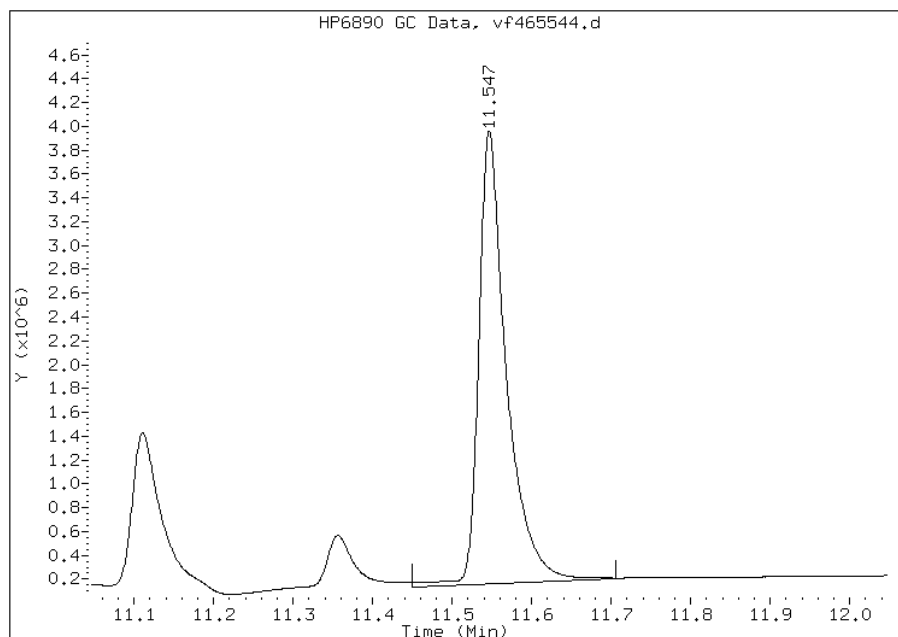


Manual Integration Report

Data File: vf465544.d
Inj. Date and Time: 13-OCT-2011 13:30
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/13/2011

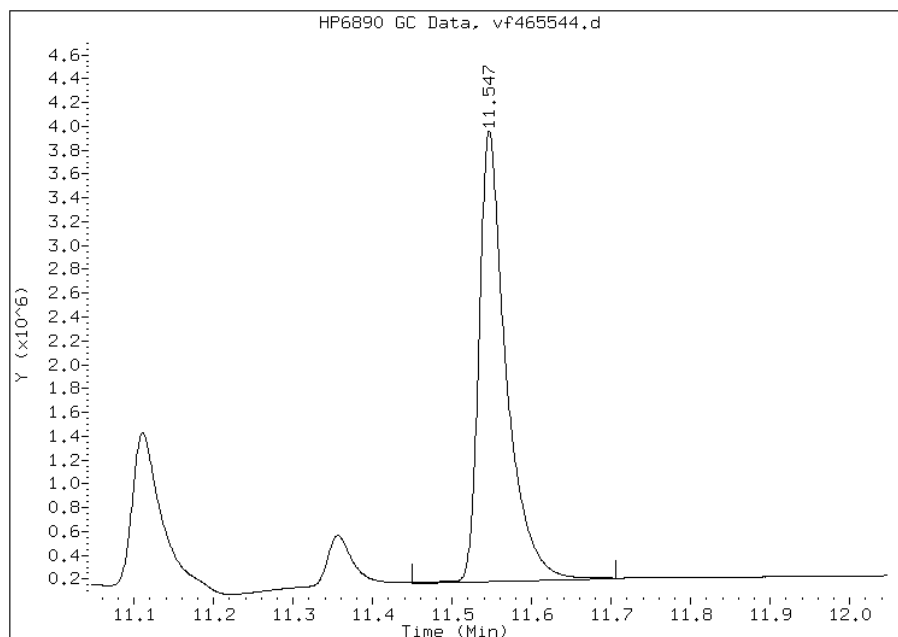
Processing Integration Results

RT: 11.55
Response: 9196113
Amount: 97.81
Conc: 65.21



Manual Integration Results

RT: 11.55
Response: 8979174
Amount: 95.50
Conc: 95.50



Manually Integrated By: shanthi
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89405/21 Calibration Date: 10/13/2011 13:30
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465544.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	4000	3932		983	1000	-1.7	15.0
PCB-1016 Peak 2	Ave	7518	6794		904	1000	-9.6	15.0
PCB-1016 Peak 3	Ave	5093	4600		903	1000	-9.7	15.0
PCB-1016 Peak 4	Ave	15565	14855		954	1000	-4.6	15.0
PCB-1016 Peak 5	Ave	6140	6047		985	1000	-1.5	15.0
PCB-1016 Peak 6	Ave	6918	6867		993	1000	-0.7	15.0
PCB-1016 Peak 7	Ave	6082	5863		964	1000	-3.6	15.0
PCB-1016 Peak 8	Ave	2921	2855		977	1000	-2.3	15.0
PCB-1260 Peak 1	Ave	10006	10196		1020	1000	1.9	15.0
PCB-1260 Peak 2	Ave	18664	18830		1010	1000	0.9	15.0
PCB-1260 Peak 3	Ave	16384	16859		1030	1000	2.9	15.0
PCB-1260 Peak 4	Ave	9570	9709		1010	1000	1.4	15.0
PCB-1260 Peak 5	Ave	8023	8281		1030	1000	3.2	15.0
PCB-1260 Peak 6	Ave	8620	9266		1070	1000	7.5	15.0
PCB-1260 Peak 7	Ave	7114	7371		1040	1000	3.6	15.0
PCB-1260 Peak 8	Ave	5211	5315		1020	1000	2.0	15.0
DCB Decachlorobiphenyl	Ave	149065	140457		94.2	100	-5.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89405/21 Calibration Date: 10/13/2011 13:30
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465544.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.08	2.01	2.15
PCB-1016 Peak 2	2.52	2.45	2.59
PCB-1016 Peak 3	2.77	2.70	2.84
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.33	3.26	3.40
PCB-1016 Peak 6	3.68	3.61	3.75
PCB-1016 Peak 7	4.04	3.97	4.11
PCB-1016 Peak 8	4.19	4.12	4.26
PCB-1260 Peak 1	6.07	6.00	6.14
PCB-1260 Peak 2	6.53	6.46	6.60
PCB-1260 Peak 3	6.97	6.90	7.04
PCB-1260 Peak 4	7.17	7.10	7.24
PCB-1260 Peak 5	7.60	7.53	7.67
PCB-1260 Peak 6	8.90	8.83	8.97
PCB-1260 Peak 7	9.11	9.04	9.18
PCB-1260 Peak 8	10.16	10.09	10.23
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/vr465544.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 13-OCT-2011 13:30
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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			
2.083	2.083	0.000	3932105 1000.00	980 80.00- 120.00	100.00(M)	
2.522	2.522	0.000	6793670 1000.00	900 138.22- 207.33	172.77	
2.772	2.772	0.000	4599854 1000.00	900 93.59- 140.38	116.98	
3.128	3.128	0.000	14855065 1000.00	950 302.23- 453.35	377.79	
3.328	3.328	0.000	6046749 1000.00	980 123.02- 184.53	153.78	
3.678	3.678	0.000	6866971 1000.00	990 139.71- 209.57	174.64	
4.038	4.038	0.000	5862958 1000.00	960 119.28- 178.93	149.10	
4.187	4.187	0.000	2854759 1000.00	980 58.08- 87.12	72.60	
Average of Peak Amounts =			958			
27 Aroclor-1260			CAS #: 11096-82-5			
6.071	6.071	0.000	10196185 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)									
6.525	6.525	0.000	18829618	1000.00	1000	147.74-	221.61	184.67	
6.969	6.969	0.000	16858928	1000.00	1000	132.28-	198.41	165.35	
7.165	7.165	0.000	9708659	1000.00	1000	76.17-	114.26	95.22	
7.602	7.602	0.000	8280832	1000.00	1000	64.97-	97.46	81.22	
8.898	8.898	0.000	9265920	1000.00	1100	72.70-	109.05	90.88	
9.114	9.114	0.000	7370927	1000.00	1000	57.83-	86.75	72.29	
10.163	10.163	0.000	5314665	1000.00	1000	41.70-	62.55	52.12	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.627	10.627	0.000	14045704	100.000	94	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465544.d

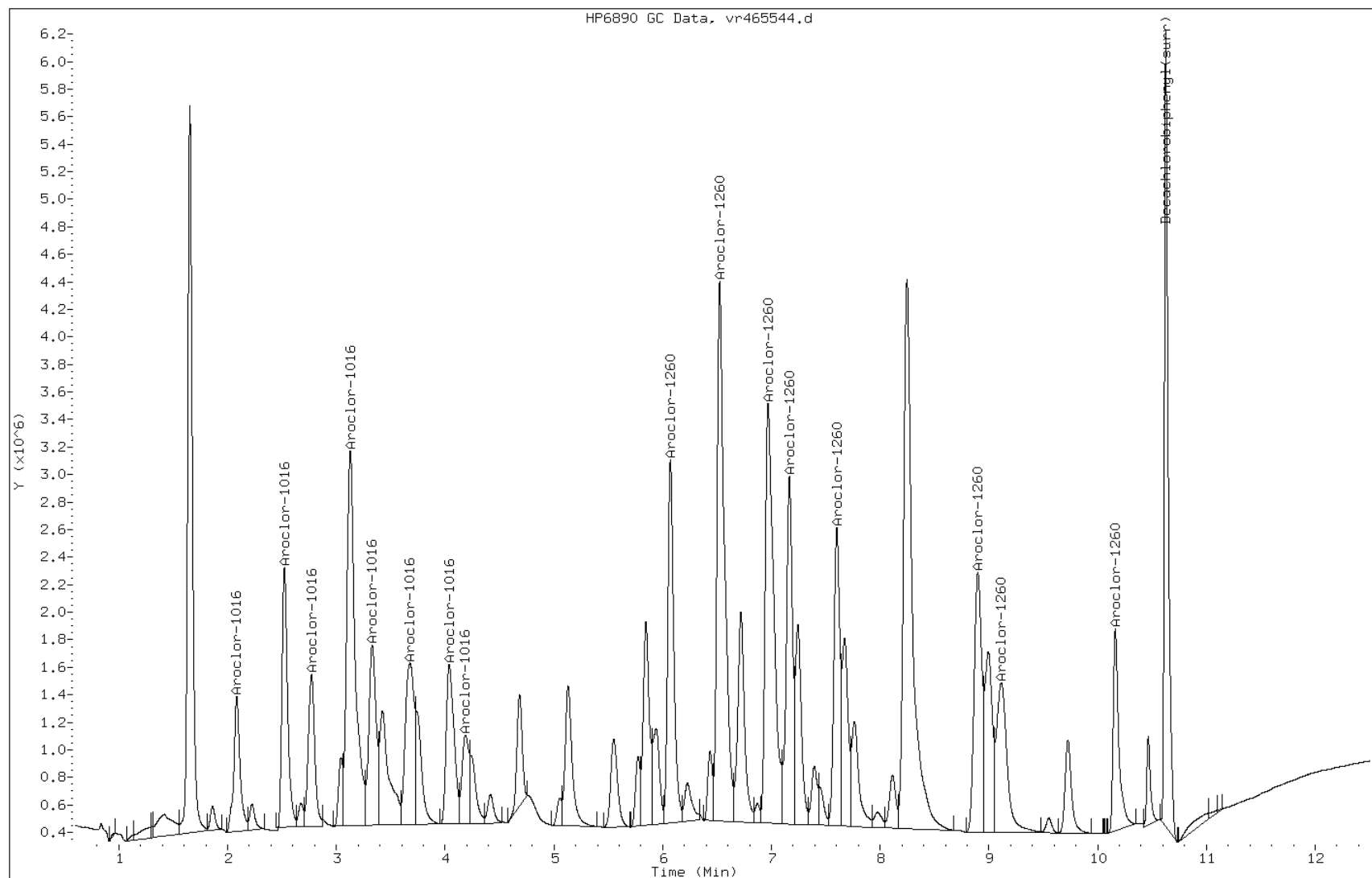
Date: 13-OCT-2011 13:30

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89520/2 Calibration Date: 10/13/2011 14:01
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465546.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	2445	2475		1010	1000	1.2	15.0
PCB-1016 Peak 2	Ave	5096	5102		1000	1000	0.1	15.0
PCB-1016 Peak 3	Ave	2239	2289		1020	1000	2.3	15.0
PCB-1016 Peak 4	Ave	10112	9798		969	1000	-3.1	15.0
PCB-1016 Peak 5	Ave	4613	4650		1010	1000	0.8	15.0
PCB-1016 Peak 6	Ave	2805	2733		974	1000	-2.6	15.0
PCB-1016 Peak 7	Ave	3295	3092		938	1000	-6.2	15.0
PCB-1016 Peak 8	Ave	3431	3121		910	1000	-9.0	15.0
PCB-1260 Peak 1	Ave	3753	3925		1050	1000	4.6	15.0
PCB-1260 Peak 2	Ave	7535	7780		1030	1000	3.3	15.0
PCB-1260 Peak 3	Ave	8953	9462		1060	1000	5.7	15.0
PCB-1260 Peak 4	Ave	6514	6895		1060	1000	5.8	15.0
PCB-1260 Peak 5	Ave	3535	3679		1040	1000	4.1	15.0
PCB-1260 Peak 6	Ave	5841	6081		1040	1000	4.1	15.0
PCB-1260 Peak 7	Ave	7331	7076		965	1000	-3.5	15.0
PCB-1260 Peak 8	Ave	3133	3247		1040	1000	3.6	15.0
DCB Decachlorobiphenyl	Ave	94023	89404		95.1	100	-4.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89520/2 Calibration Date: 10/13/2011 14:01
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465546.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.96	2.88	3.02
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	4.08	4.01	4.15
PCB-1016 Peak 4	4.49	4.41	4.55
PCB-1016 Peak 5	4.73	4.66	4.80
PCB-1016 Peak 6	5.17	5.10	5.24
PCB-1016 Peak 7	5.55	5.48	5.62
PCB-1016 Peak 8	5.77	5.69	5.83
PCB-1260 Peak 1	7.47	7.40	7.54
PCB-1260 Peak 2	7.78	7.71	7.85
PCB-1260 Peak 3	8.25	8.18	8.32
PCB-1260 Peak 4	9.37	9.30	9.44
PCB-1260 Peak 5	9.49	9.42	9.56
PCB-1260 Peak 6	9.93	9.87	10.01
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.54	11.44	11.64

Data File: vf465546.d
Report Date: 14-Oct-2011 11:19

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/vf465546.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 13-OCT-2011 14:01
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/08Vf8082.m
Meth Date : 14-Oct-2011 11:19 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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			
2.956	2.956	0.000	2475331	1000.00	1000	80.00-	120.00	100.00(M)
3.640	3.640	0.000	5102132	1000.00	1000	164.90-	247.34	206.12
4.084	4.084	0.000	2289407	1000.00	1000	73.99-	110.99	92.49
4.485	4.485	0.000	9797533	1000.00	970	316.65-	474.97	395.81
4.729	4.729	0.000	4649878	1000.00	1000	150.28-	225.42	187.85
5.167	5.167	0.000	2733089	1000.00	970	88.33-	132.50	110.41
5.554	5.554	0.000	3091816	1000.00	940	99.92-	149.89	124.91
5.765	5.765	0.000	3121468	1000.00	910	100.88-	151.32	126.10
Average of Peak Amounts =					979			

27 Aroclor-1260					CAS #: 11096-82-5			
7.468	7.468	0.000	3925294	1000.00	1000	80.00-	120.00	100.00(M)

Data File: vf465546.d
 Report Date: 14-Oct-2011 11:19

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.781	7.781	0.000	7780447	1000.00	1000	158.57-	237.86	198.21
8.247	8.247	0.000	9462266	1000.00	1000	192.85-	289.27	241.06
9.366	9.366	0.000	6895154	1000.00	1000	140.53-	210.79	175.66
9.488	9.488	0.000	3679459	1000.00	1000	74.99-	112.48	93.74
9.934	9.934	0.000	6081026	1000.00	1000	123.94-	185.90	154.92
10.639	10.639	0.000	7076473	1000.00	960	144.22-	216.33	180.28
11.110	11.110	0.000	3246534	1000.00	1000	66.17-	99.25	82.71
Average of Peak Amounts =					1.03e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.544	11.544	0.000	8940439	100.000	95	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465546.d

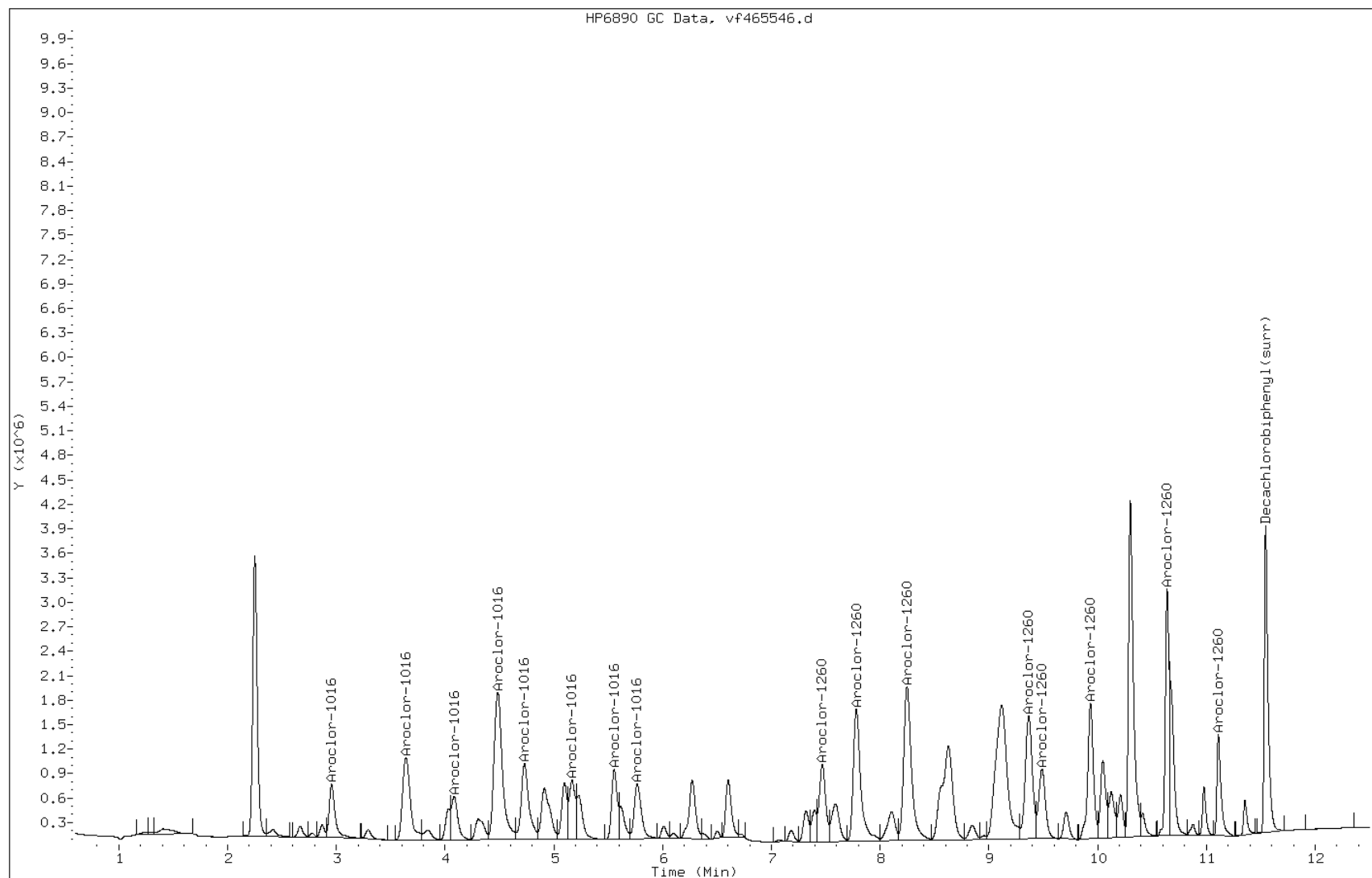
Date: 13-OCT-2011 14:01

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-89520/2 Calibration Date: 10/13/2011 14:01
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465546.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	4000	3882		971	1000	-2.9	15.0
PCB-1016 Peak 2	Ave	7518	7009		932	1000	-6.8	15.0
PCB-1016 Peak 3	Ave	5093	4998		981	1000	-1.9	15.0
PCB-1016 Peak 4	Ave	15565	14821		952	1000	-4.8	15.0
PCB-1016 Peak 5	Ave	6140	6018		980	1000	-2.0	15.0
PCB-1016 Peak 6	Ave	6918	7179		1040	1000	3.8	15.0
PCB-1016 Peak 7	Ave	6082	5784		951	1000	-4.9	15.0
PCB-1016 Peak 8	Ave	2921	2823		966	1000	-3.4	15.0
PCB-1260 Peak 1	Ave	10006	9602		960	1000	-4.0	15.0
PCB-1260 Peak 2	Ave	18664	18540		993	1000	-0.7	15.0
PCB-1260 Peak 3	Ave	16384	16548		1010	1000	1.0	15.0
PCB-1260 Peak 4	Ave	9570	9727		1020	1000	1.6	15.0
PCB-1260 Peak 5	Ave	8023	8102		1010	1000	1.0	15.0
PCB-1260 Peak 6	Ave	8620	8405		975	1000	-2.5	15.0
PCB-1260 Peak 7	Ave	7114	7141		1000	1000	0.4	15.0
PCB-1260 Peak 8	Ave	5211	5395		1040	1000	3.5	15.0
DCB Decachlorobiphenyl	Ave	149065	143427		96.2	100	-3.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Lab Sample ID: CCVRT 460-89520/2 Calibration Date: 10/13/2011 14:01
Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
Lab File ID: vr465546.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.08	2.01	2.15
PCB-1016 Peak 2	2.52	2.45	2.59
PCB-1016 Peak 3	2.77	2.70	2.84
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.33	3.26	3.40
PCB-1016 Peak 6	3.68	3.61	3.75
PCB-1016 Peak 7	4.04	3.97	4.11
PCB-1016 Peak 8	4.19	4.12	4.26
PCB-1260 Peak 1	6.07	6.00	6.14
PCB-1260 Peak 2	6.53	6.45	6.59
PCB-1260 Peak 3	6.97	6.90	7.04
PCB-1260 Peak 4	7.17	7.10	7.24
PCB-1260 Peak 5	7.60	7.53	7.67
PCB-1260 Peak 6	8.90	8.83	8.97
PCB-1260 Peak 7	9.11	9.04	9.18
PCB-1260 Peak 8	10.16	10.09	10.23
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/vr465546.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 13-OCT-2011 14:01
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/08Vr8082.m
Meth Date : 14-Oct-2011 11:09 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 23
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.084	2.084	0.000	3882246 1000.00	970 80.00- 120.00	100.00(M)	
2.523	2.521	0.002	7008531 1000.00	930 138.87- 208.31	180.53	
2.773	2.772	0.001	4997845 1000.00	980 86.13- 129.20	128.74	
3.130	3.128	0.002	14821461 1000.00	950 304.15- 456.22	381.78	
3.331	3.328	0.003	6017591 1000.00	980 122.56- 183.85	155.00	
3.677	3.678	-0.001	7178977 1000.00	1000 136.45- 204.68	184.92	
4.039	4.037	0.002	5784052 1000.00	950 118.35- 177.53	148.99	
4.189	4.186	0.003	2822606 1000.00	970 56.05- 84.07	72.71	
Average of Peak Amounts =				971		
27 Aroclor-1260				CAS #: 11096-82-5		
6.072	6.071	0.001	9601904 1000.00	960 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)									
6.525	6.525	0.000	18540428	1000.00	990	155.75-	233.63	193.09	
6.970	6.969	0.001	16547796	1000.00	1000	139.42-	209.12	172.34	
7.166	7.166	0.000	9726863	1000.00	1000	80.96-	121.43	101.30	
7.602	7.602	0.000	8101624	1000.00	1000	69.01-	103.52	84.38	
8.899	8.897	0.002	8404977	1000.00	980	79.05-	118.57	87.53	
9.113	9.114	-0.001	7140823	1000.00	1000	56.90-	85.35	74.37	
10.164	10.162	0.002	5394831	1000.00	1000	44.21-	66.31	56.19	
Average of Peak Amounts =					1e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.627	10.626	0.001	14342687	100.000	96	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465546.d

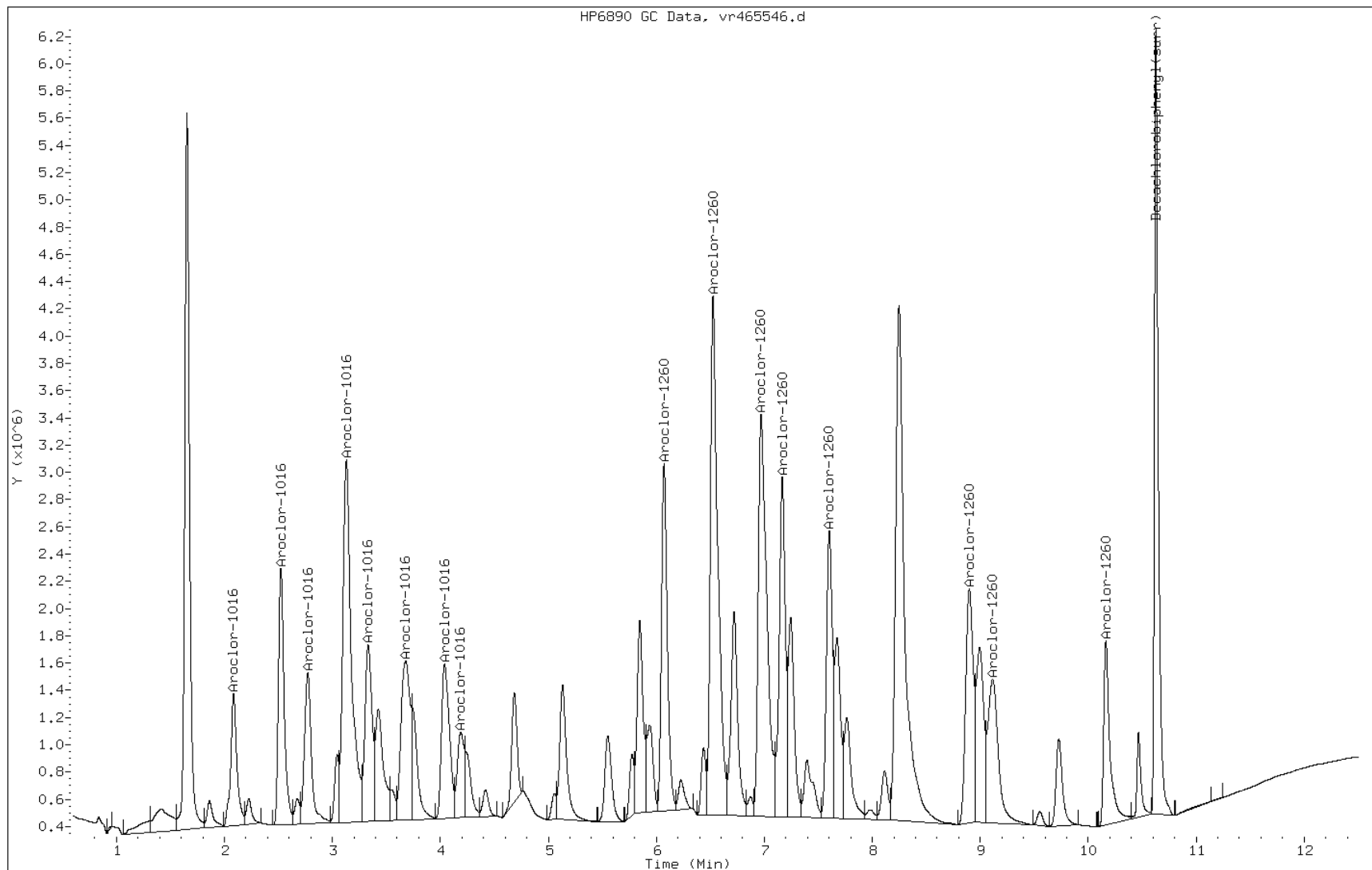
Date: 13-OCT-2011 14:01

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89520/11 Calibration Date: 10/13/2011 16:22
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465555.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	2445	2559		1050	1000	4.6	15.0
PCB-1016 Peak 2	Ave	5096	5289		1040	1000	3.8	15.0
PCB-1016 Peak 3	Ave	2239	2306		1030	1000	3.0	15.0
PCB-1016 Peak 4	Ave	10112	10255		1010	1000	1.4	15.0
PCB-1016 Peak 5	Ave	4613	4789		1040	1000	3.8	15.0
PCB-1016 Peak 6	Ave	2805	2813		1000	1000	0.3	15.0
PCB-1016 Peak 7	Ave	3295	3223		978	1000	-2.2	15.0
PCB-1016 Peak 8	Ave	3431	3402		992	1000	-0.8	15.0
PCB-1260 Peak 1	Ave	3753	3973		1060	1000	5.9	15.0
PCB-1260 Peak 2	Ave	7535	7938		1050	1000	5.3	15.0
PCB-1260 Peak 3	Ave	8953	9604		1070	1000	7.3	15.0
PCB-1260 Peak 4	Ave	6514	7075		1090	1000	8.6	15.0
PCB-1260 Peak 5	Ave	3535	3824		1080	1000	8.2	15.0
PCB-1260 Peak 6	Ave	5841	6439		1100	1000	10.2	15.0
PCB-1260 Peak 7	Ave	7331	7883		1080	1000	7.5	15.0
PCB-1260 Peak 8	Ave	3133	3398		1080	1000	8.5	15.0
DCB Decachlorobiphenyl	Ave	94023	91829		97.7	100	-2.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89520/11 Calibration Date: 10/13/2011 16:22
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465555.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.95	2.88	3.02
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	4.08	4.01	4.15
PCB-1016 Peak 4	4.48	4.41	4.55
PCB-1016 Peak 5	4.73	4.66	4.80
PCB-1016 Peak 6	5.17	5.10	5.24
PCB-1016 Peak 7	5.55	5.48	5.62
PCB-1016 Peak 8	5.76	5.69	5.83
PCB-1260 Peak 1	7.47	7.40	7.54
PCB-1260 Peak 2	7.78	7.71	7.85
PCB-1260 Peak 3	8.25	8.18	8.32
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	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.54	11.44	11.64

Data File: vf465555.d
Report Date: 14-Oct-2011 11:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/vf465555.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 13-OCT-2011 16:22
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11b.b/08Vf8082.m
Meth Date : 14-Oct-2011 11:21 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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			
2.954	2.954	0.000	2558758 1000.00	1000	80.00- 120.00	100.00(M)
3.637	3.637	0.000	5288959 1000.00	1000	165.36- 248.04	206.70
4.082	4.082	0.000	2305741 1000.00	1000	72.09- 108.13	90.11
4.484	4.484	0.000	10255465 1000.00	1000	320.64- 480.96	400.80
4.729	4.729	0.000	4789237 1000.00	1000	149.74- 224.60	187.17
5.166	5.166	0.000	2812512 1000.00	1000	87.93- 131.90	109.92
5.554	5.554	0.000	3222623 1000.00	980	100.76- 151.13	125.94
5.765	5.765	0.000	3402271 1000.00	990	106.37- 159.56	132.97
Average of Peak Amounts =			1.02e+03			

27 Aroclor-1260			CAS #: 11096-82-5			
7.469	7.469	0.000	3973175 1000.00	1000	80.00- 120.00	100.00(M)

Data File: vf465555.d
 Report Date: 14-Oct-2011 11:21

AMOUNTS								
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
7.782	7.782	0.000	7938061	1000.00	1000	159.83-	239.75	199.79
8.248	8.248	0.000	9603981	1000.00	1100	193.38-	290.06	241.72
9.367	9.367	0.000	7074882	1000.00	1100	142.45-	213.68	178.07
9.489	9.489	0.000	3823559	1000.00	1100	76.99-	115.48	96.23
9.936	9.936	0.000	6438609	1000.00	1100	129.64-	194.46	162.05
10.638	10.638	0.000	7883088	1000.00	1100	158.73-	238.09	198.41
11.108	11.108	0.000	3398384	1000.00	1100	68.43-	102.64	85.53
Average of Peak Amounts =					1.08e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.541	11.541	0.000	9182908	100.000	98	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465555.d

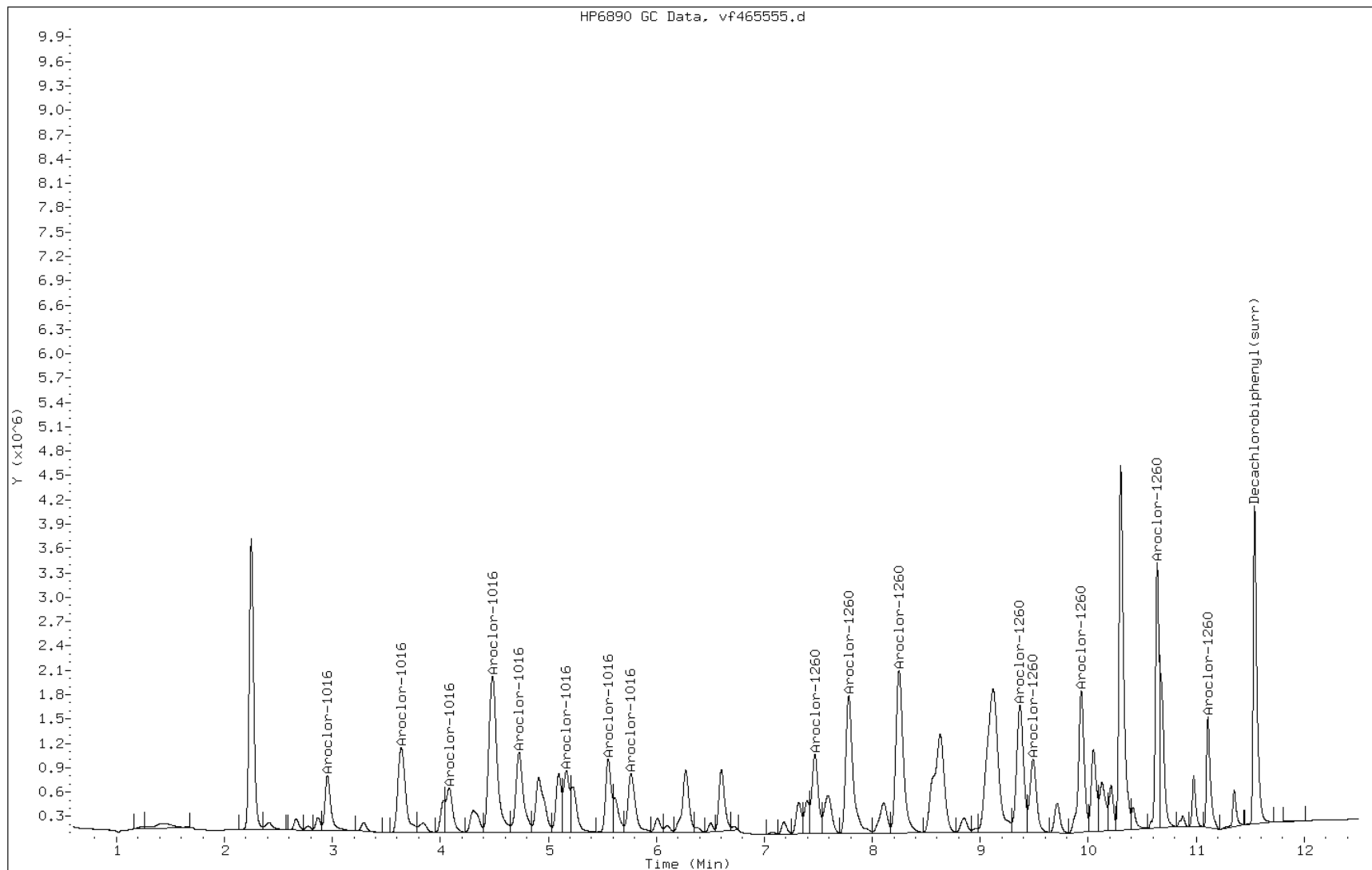
Date: 13-OCT-2011 16:22

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89520/11 Calibration Date: 10/13/2011 16:22
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465555.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	4000	4083		1020	1000	2.1	15.0
PCB-1016 Peak 2	Ave	7518	7088		943	1000	-5.7	15.0
PCB-1016 Peak 3	Ave	5093	4396		863	1000	-13.7	15.0
PCB-1016 Peak 4	Ave	15565	15523		997	1000	-0.3	15.0
PCB-1016 Peak 5	Ave	6140	6255		1020	1000	1.9	15.0
PCB-1016 Peak 6	Ave	6918	6964		1010	1000	0.7	15.0
PCB-1016 Peak 7	Ave	6082	6040		993	1000	-0.7	15.0
PCB-1016 Peak 8	Ave	2921	2861		979	1000	-2.1	15.0
PCB-1260 Peak 1	Ave	10006	10046		1000	1000	0.4	15.0
PCB-1260 Peak 2	Ave	18664	19558		1050	1000	4.8	15.0
PCB-1260 Peak 3	Ave	16384	17507		1070	1000	6.9	15.0
PCB-1260 Peak 4	Ave	9570	10166		1060	1000	6.2	15.0
PCB-1260 Peak 5	Ave	8023	8666		1080	1000	8.0	15.0
PCB-1260 Peak 6	Ave	8620	9926		1150	1000	15.1*	15.0
PCB-1260 Peak 7	Ave	7114	7145		1000	1000	0.4	15.0
PCB-1260 Peak 8	Ave	5211	5551		1070	1000	6.5	15.0
DCB Decachlorobiphenyl	Ave	149065	140211		94.1	100	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: CCV 460-89520/11 Calibration Date: 10/13/2011 16:22
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465555.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.08	2.01	2.15
PCB-1016 Peak 2	2.52	2.45	2.59
PCB-1016 Peak 3	2.77	2.70	2.84
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.33	3.26	3.40
PCB-1016 Peak 6	3.68	3.61	3.75
PCB-1016 Peak 7	4.04	3.97	4.11
PCB-1016 Peak 8	4.19	4.12	4.26
PCB-1260 Peak 1	6.07	6.00	6.14
PCB-1260 Peak 2	6.52	6.45	6.59
PCB-1260 Peak 3	6.97	6.90	7.04
PCB-1260 Peak 4	7.17	7.10	7.24
PCB-1260 Peak 5	7.60	7.53	7.67
PCB-1260 Peak 6	8.90	8.83	8.97
PCB-1260 Peak 7	9.11	9.04	9.18
PCB-1260 Peak 8	10.16	10.09	10.23
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/vr465555.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 13-OCT-2011 16:22
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b/08Vr8082.m
Meth Date : 14-Oct-2011 11:09 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 32
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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	CAL - AMT	ON - COL	TARGET RANGE	RATIO		
==	=====	=====	RESPONSE (ug/L)	(ug/L)		=====		
21 Aroclor-1016				CAS #: 12674-11-2				
2.084	2.084	0.000	4082988	1000.00	1000	80.00-	120.00	100.00(M)
2.521	2.521	0.000	7087713	1000.00	940	138.87-	208.31	173.59
2.772	2.772	0.000	4396066	1000.00	860	86.13-	129.20	107.67
3.128	3.128	0.000	15522816	1000.00	1000	304.15-	456.22	380.18
3.328	3.328	0.000	6255390	1000.00	1000	122.56-	183.85	153.21
3.678	3.678	0.000	6964146	1000.00	1000	136.45-	204.68	170.56
4.037	4.037	0.000	6040330	1000.00	990	118.35-	177.53	147.94
4.186	4.186	0.000	2860621	1000.00	980	56.05-	84.07	70.06
Average of Peak Amounts =					978			

27 Aroclor-1260				CAS #: 11096-82-5				
6.071	6.071	0.000	10045691	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)									
6.525	6.525	0.000	19557854	1000.00	1000	155.75-	233.63	194.69	
6.969	6.969	0.000	17506550	1000.00	1100	139.42-	209.12	174.27	
7.166	7.166	0.000	10165700	1000.00	1100	80.96-	121.43	101.19	
7.602	7.602	0.000	8666133	1000.00	1100	69.01-	103.52	86.27	
8.897	8.897	0.000	9926023	1000.00	1200	79.05-	118.57	98.81	
9.114	9.114	0.000	7144642	1000.00	1000	56.90-	85.35	71.12	
10.162	10.162	0.000	5551123	1000.00	1100	44.21-	66.31	55.26	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.626	10.626	0.000	14021143	100.000	94	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465555.d

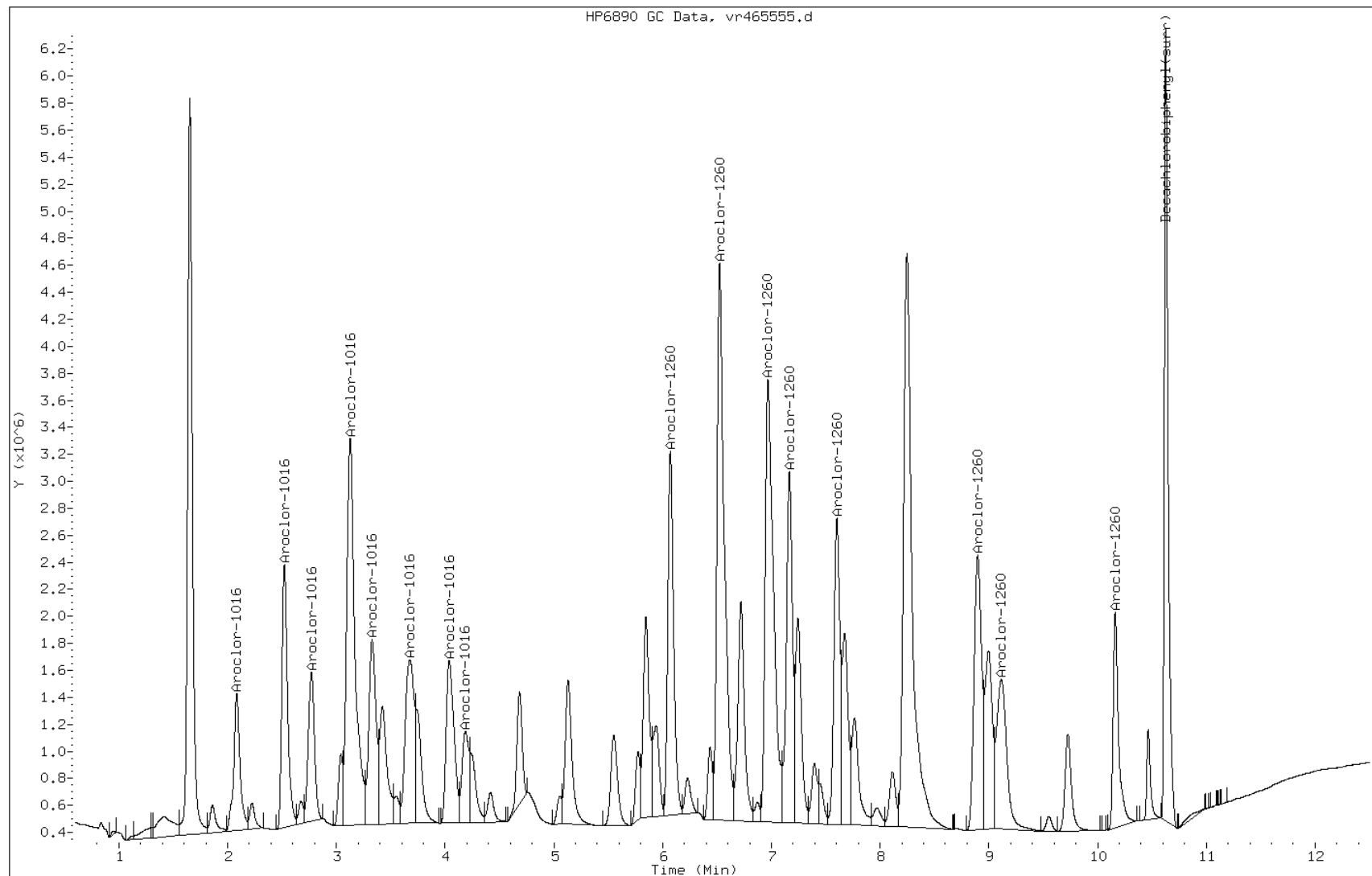
Date: 13-OCT-2011 16:22

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.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89000/1-A
Matrix: Solid Lab File ID: vf465438.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 20:31
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.: 89331 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465438.d
Lab Smp Id: MB 460-89000/1-A
Inj Date : 11-OCT-2011 20:31
Operator : 615
Smp Info : MB 460-89000/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:57 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.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						
11.543	11.545	-0.002	5699746	60.6211	40 80.00- 120.00	100.00

Data File: vf465438.d

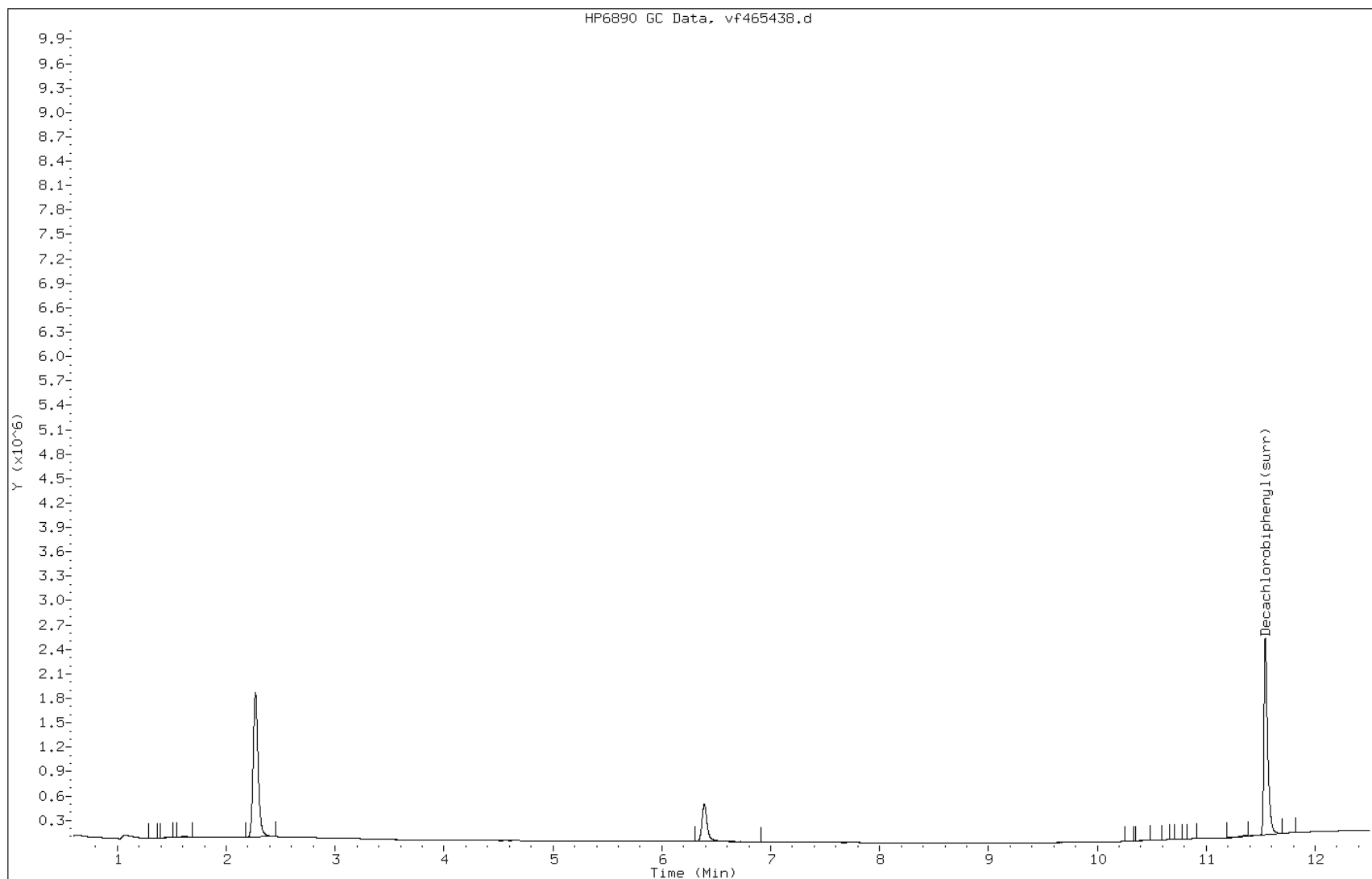
Date: 11-OCT-2011 20:31

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-89000/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89000/1-A
 Matrix: Solid Lab File ID: vr465438.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 20:31
 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.: 89331 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	122		30-150

Data File: vr465438.d
Report Date: 13-Oct-2011 09:59

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465438.d
Lab Smp Id: MB 460-89000/1-A
Inj Date : 11-OCT-2011 20:31
Operator : 615
Smp Info : MB 460-89000/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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						
10.631	10.631	0.000	9063215	60.8006	40 80.00- 120.00	100.00

Data File: vr465438.d

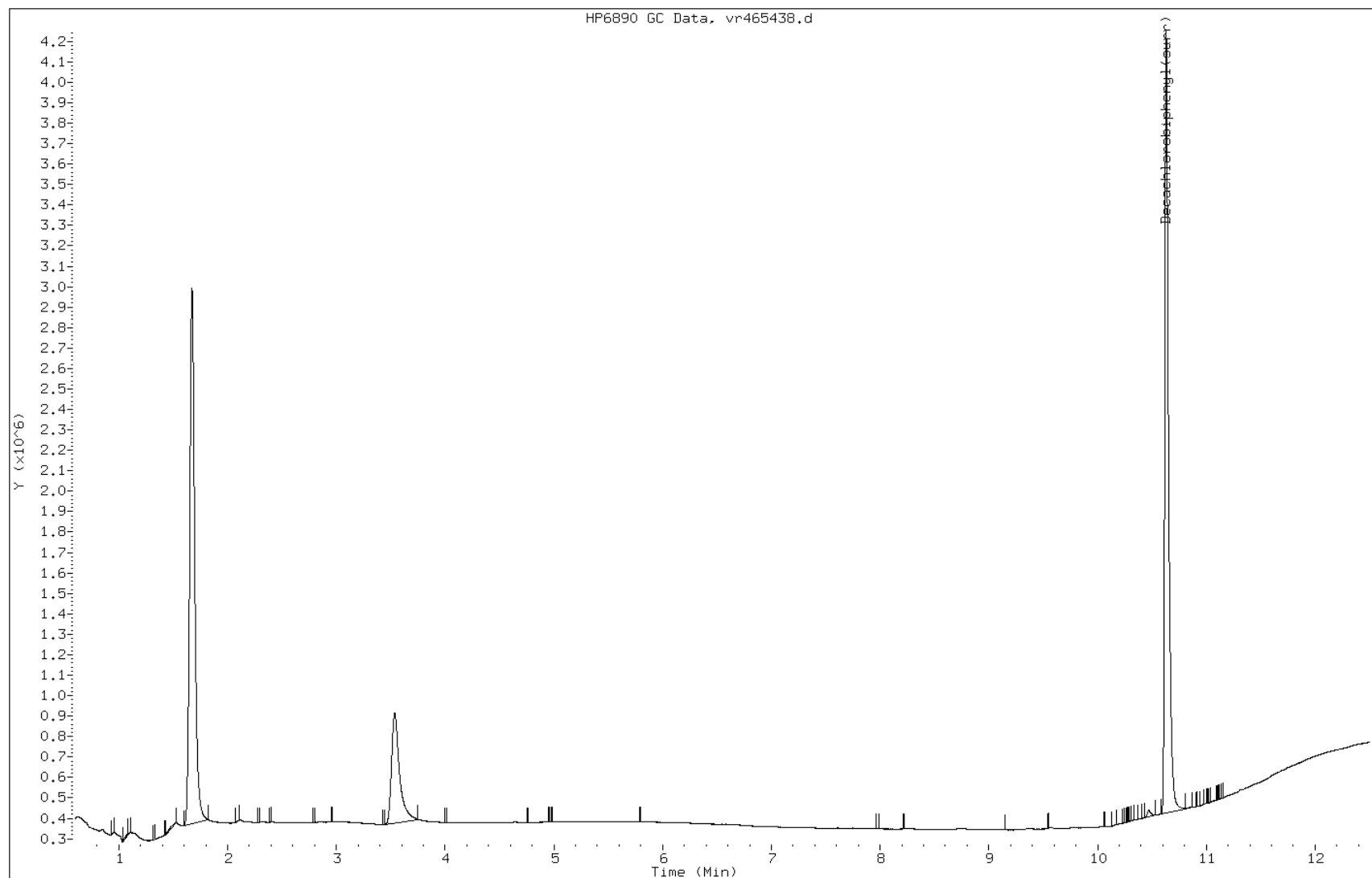
Date: 11-OCT-2011 20:31

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-89000/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-89296/1-A
Matrix: Solid Lab File ID: vf465528.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:20
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.: 89405 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

Data File: vf465528.d
Report Date: 13-Oct-2011 14:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465528.d
Lab Smp Id: MB 460-89296/1-A
Inj Date : 13-OCT-2011 09:20
Operator : 615
Smp Info : MB 460-89296/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
Meth Date : 13-Oct-2011 14:52 shanthi
Cal Date : 29-SEP-2011 15:10
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: vf464924.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						
11.542	11.543	-0.001	5552229	59.0521	39 80.00- 120.00	100.00

Data File: vf465528.d

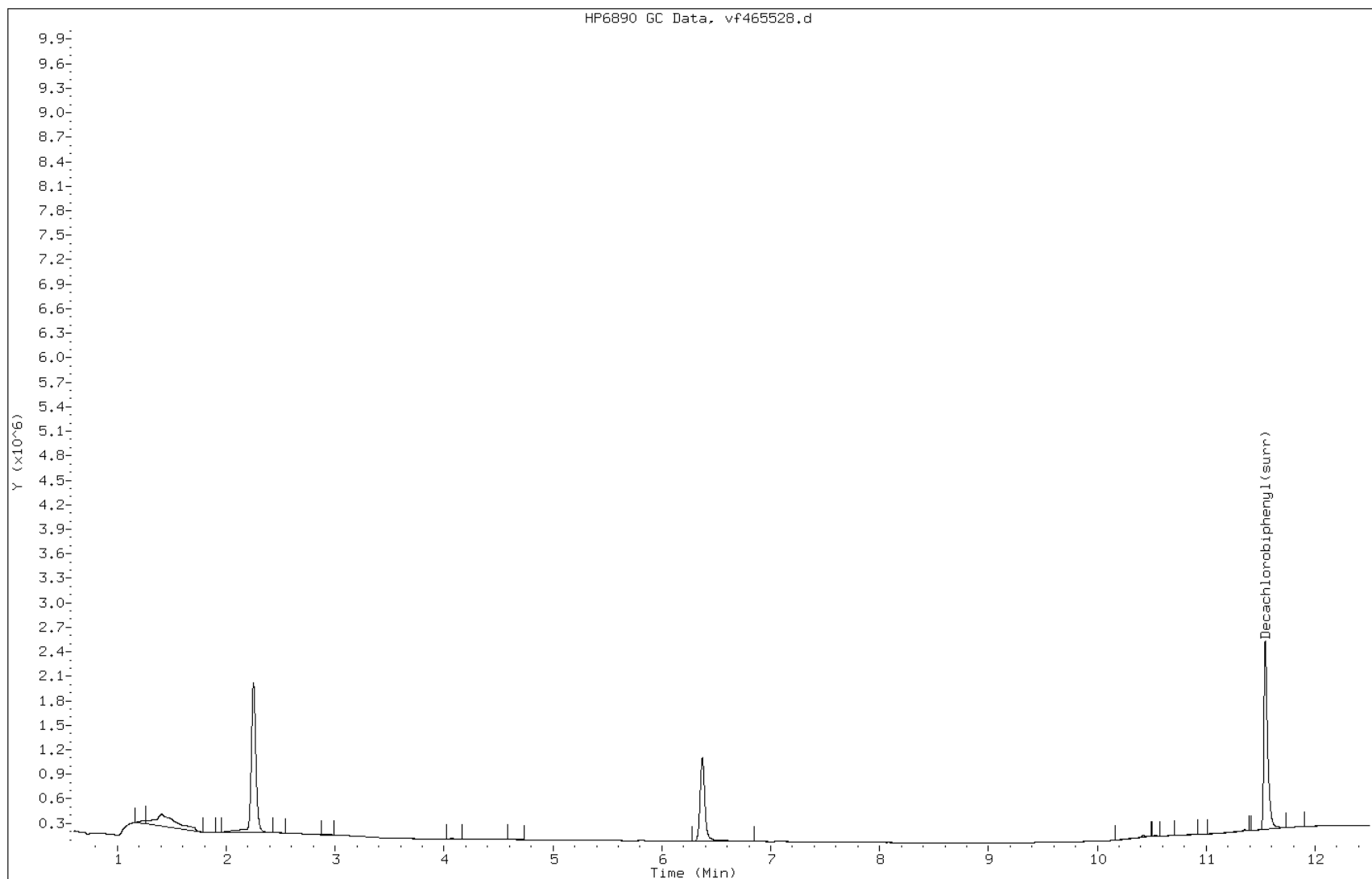
Date: 13-OCT-2011 09:20

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-89296/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-89296/1-A
 Matrix: Solid Lab File ID: vr465528.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:20
 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.: 89405 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	111		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/vr465528.d
Lab Smp Id: MB 460-89296/1-A
Inj Date : 13-OCT-2011 09:20
Operator : 615
Smp Info : MB 460-89296/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.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			
10.628	10.627	0.001	8242914 55.2976	37	80.00- 120.00	100.00

Data File: vr465528.d

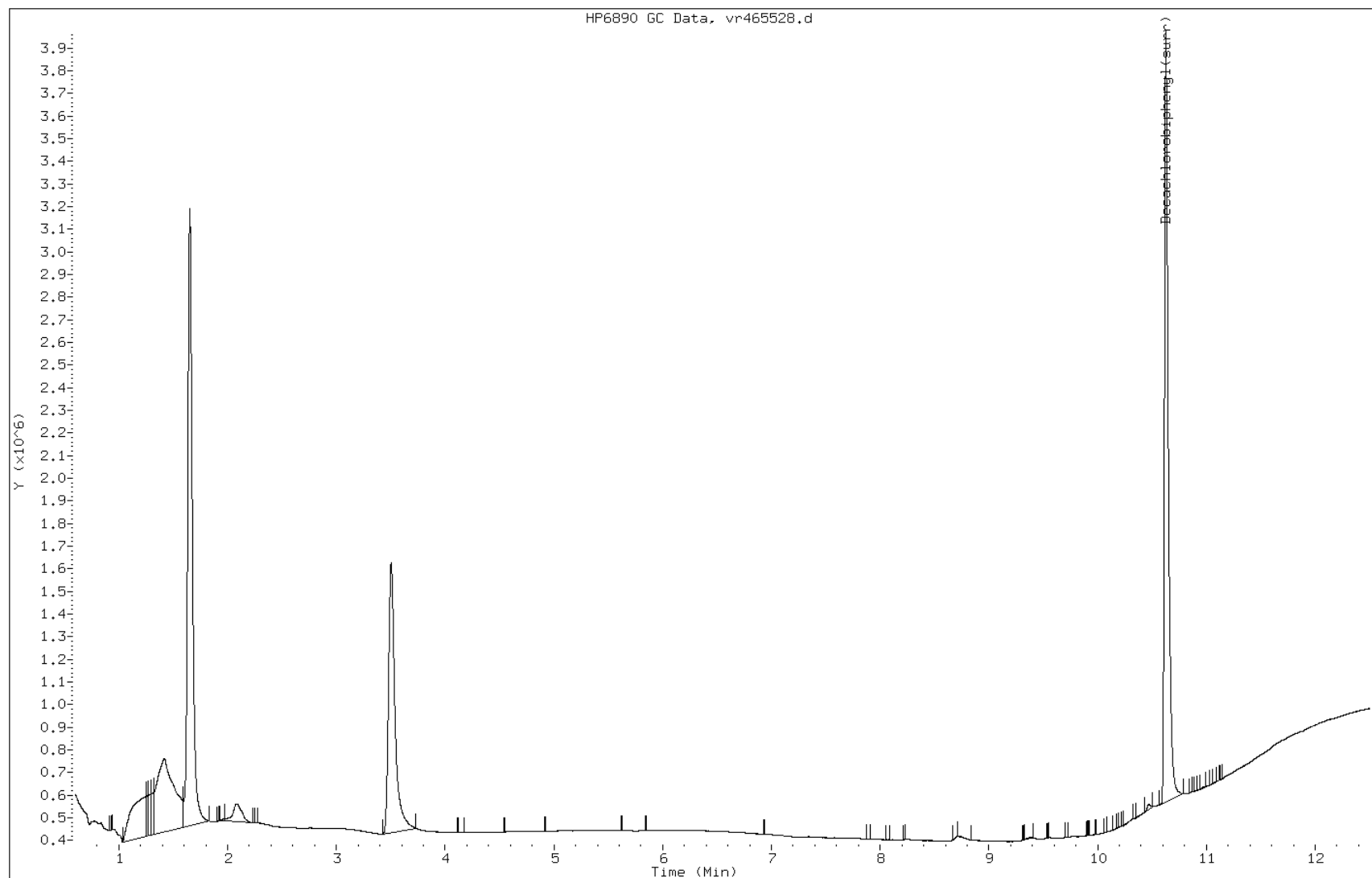
Date: 13-OCT-2011 09:20

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-89296/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89000/2-A
 Matrix: Solid Lab File ID: vf465439.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 20:47
 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.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	394		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	388		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

Data File: vf465439.d
 Report Date: 13-Oct-2011 09:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465439.d
 Lab Smp Id: LCS 460-89000/2-A
 Inj Date : 11-OCT-2011 20:47
 Operator : 615
 Smp Info : LCS 460-89000/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
 Meth Date : 13-Oct-2011 09:55 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 16
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.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					
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE (ug/L)	(ug/kg)		=====		=====
21 Aroclor-1016				CAS #: 12674-11-2				
2.973	2.971	0.002	1455619	595.251	400	80.00- 120.00		100.00(M)
3.658	3.656	0.002	3076770	603.786	400	155.02- 232.53		211.37
4.099	4.100	-0.001	1356383	605.899	400	72.02- 108.02		93.18
4.504	4.502	0.002	6001725	593.543	400	305.46- 458.19		412.31
4.747	4.746	0.001	2865976	621.278	410	148.53- 222.79		196.89
5.181	5.181	0.000	1690672	602.745	400	87.91- 131.87		116.15
5.568	5.569	-0.001	1876373	569.399	380	107.26- 160.89		128.91
5.778	5.779	-0.001	1829690	533.337	360	111.62- 167.43		125.70
Average of Peak Concentrations =					390			

27 Aroclor-1260				CAS #: 11096-82-5				
7.480	7.480	0.000	2218324	591.122	390	80.00- 120.00		100.00(M)

Data File: vf465439.d
 Report Date: 13-Oct-2011 09:57

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.793	7.795	-0.002	4475256	593.933	400	158.28-	237.41	201.74
8.260	8.261	-0.001	5346094	597.135	400	190.09-	285.14	241.00
9.378	9.380	-0.002	3835752	588.807	390	140.49-	210.74	172.91
9.498	9.500	-0.002	2022357	572.147	380	75.82-	113.73	91.17
9.942	9.944	-0.002	3484622	596.535	400	128.36-	192.54	157.08
10.642	10.643	-0.001	4297116	586.194	390	149.86-	224.79	193.71
11.110	11.114	-0.004	1645787	525.253	350	65.09-	97.64	74.19
Average of Peak Concentrations =					390			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.543	11.550	-0.007	5549747	59.0257	39	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465439.d

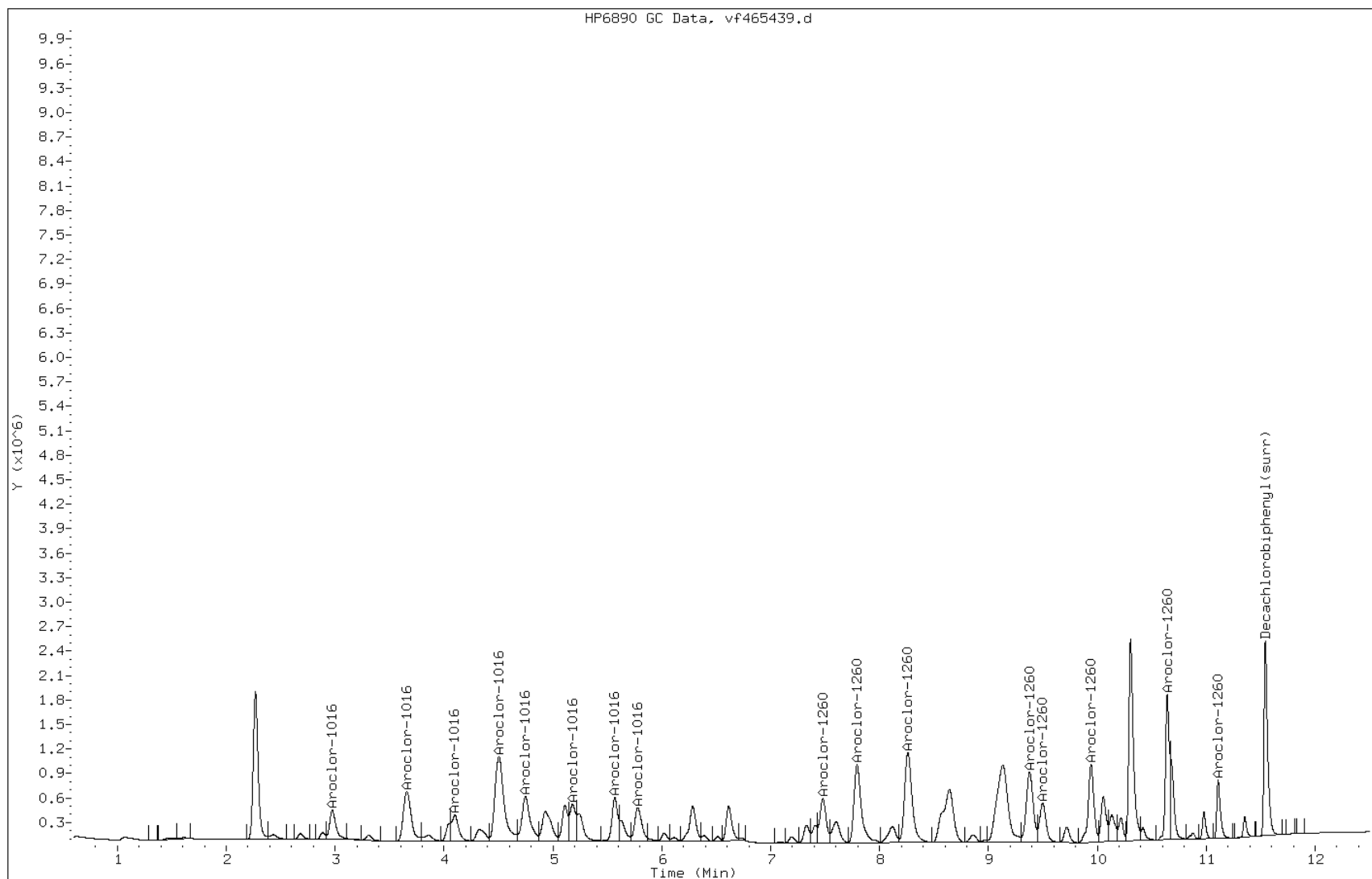
Date: 11-OCT-2011 20:47

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-89000/2-A

Operator: 615

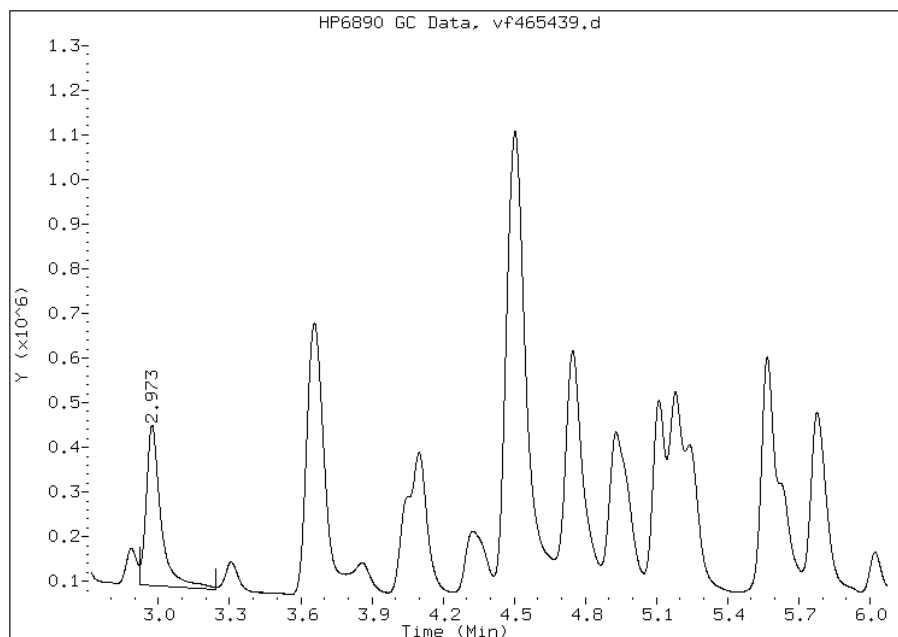


Manual Integration Report

Data File: vf465439.d
Inj. Date and Time: 11-OCT-2011 20:47
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

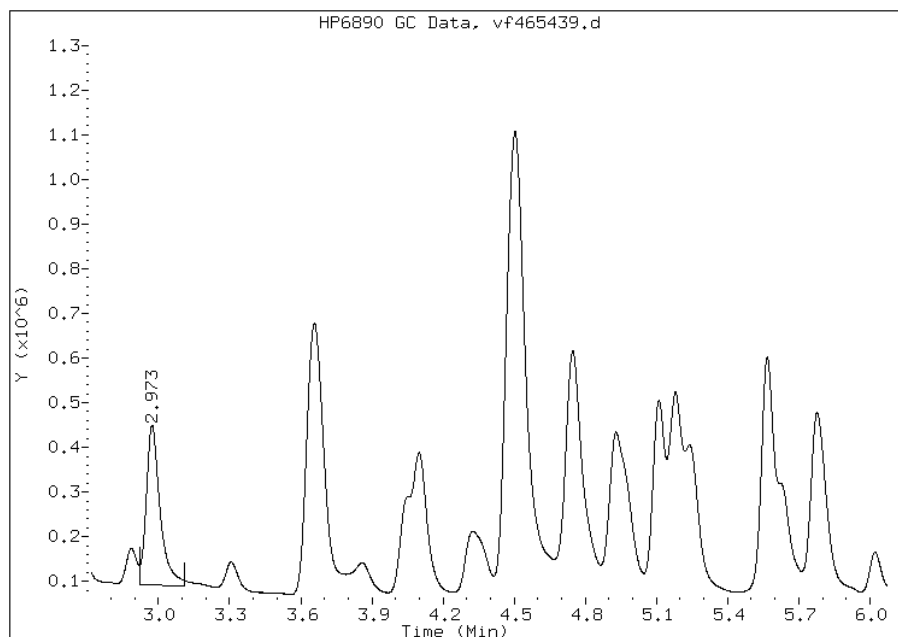
Processing Integration Results

RT: 2.97
Response: 1571077
Amount: 598.77
Conc: 400.00



Manual Integration Results

RT: 2.97
Response: 1455619
Amount: 590.65
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465439.d
Inj. Date and Time: 11-OCT-2011 20:47
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

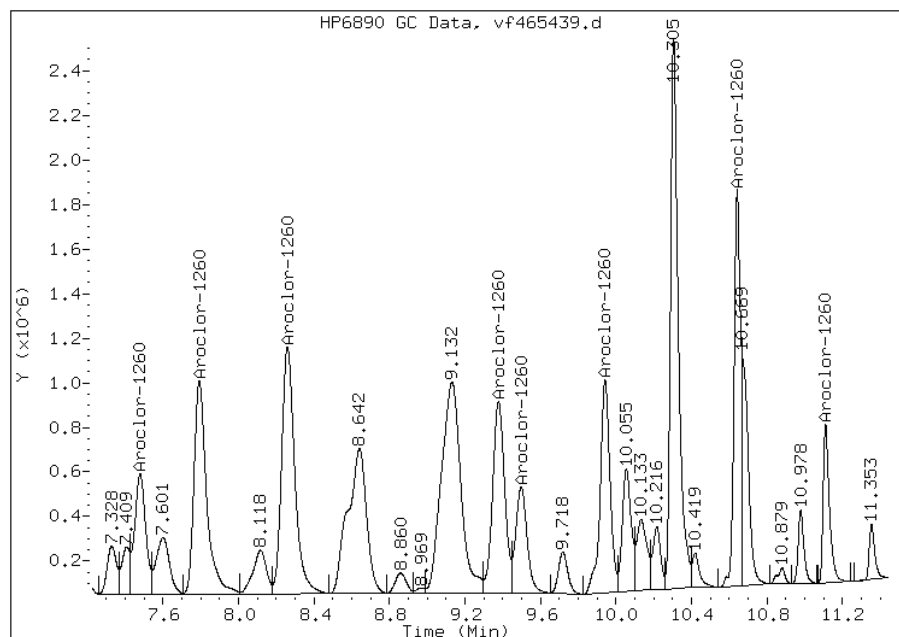
Processing Integration Results

Not Detected

Expected RT: 7.48

Manual Integration Results

RT: 7.48
Response: 2218324
Amount: 581.39
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89000/2-A
 Matrix: Solid Lab File ID: vr465439.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 20:47
 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.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	390		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	367		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465439.d
Lab Smp Id: LCS 460-89000/2-A
Inj Date : 11-OCT-2011 20:47
Operator : 615
Smp Info : LCS 460-89000/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: BS
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				
2.103	2.105	-0.002	2359289	589.797	390	80.00-	120.00	100.00(M)	
2.539	2.540	-0.001	4339381	577.236	380	150.86-	226.29	183.93	
2.788	2.790	-0.002	3079500	604.646	400	107.93-	161.89	130.53	
3.149	3.150	-0.001	9070352	582.735	390	315.47-	473.21	384.45	
3.353	3.353	0.000	3685657	600.227	400	129.56-	194.34	156.22	
3.698	3.699	-0.001	4257507	615.395	410	143.19-	214.78	180.46	
4.055	4.057	-0.002	3533043	580.938	390	124.11-	186.16	149.75	
4.205	4.207	-0.002	1539137	526.865	350	63.53-	95.29	65.24	
Average of Peak Concentrations =					390				

27 Aroclor-1260					CAS #: 11096-82-5				
6.083	6.083	0.000	5859846	585.649	390	80.00-	120.00	100.00	

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
6.536	6.536	0.000	10634869	569.821	380	147.03-	220.54	181.49	
6.980	6.980	0.000	8976781	547.906	360	129.79-	194.69	153.19	
7.177	7.176	0.001	5107190	533.663	360	74.16-	111.25	87.16	
7.613	7.614	-0.001	4482392	558.681	370	62.91-	94.37	76.49	
8.909	8.910	-0.001	5139444	596.200	400	71.86-	107.79	87.71	
9.127	9.127	0.000	3489802	490.524	330	53.04-	79.55	59.55	
10.167	10.168	-0.001	2747644	527.301	350	43.93-	65.90	46.89	
Average of Peak Concentrations =					370				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.631	10.631	0.000	8819328	59.1645	39	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465439.d

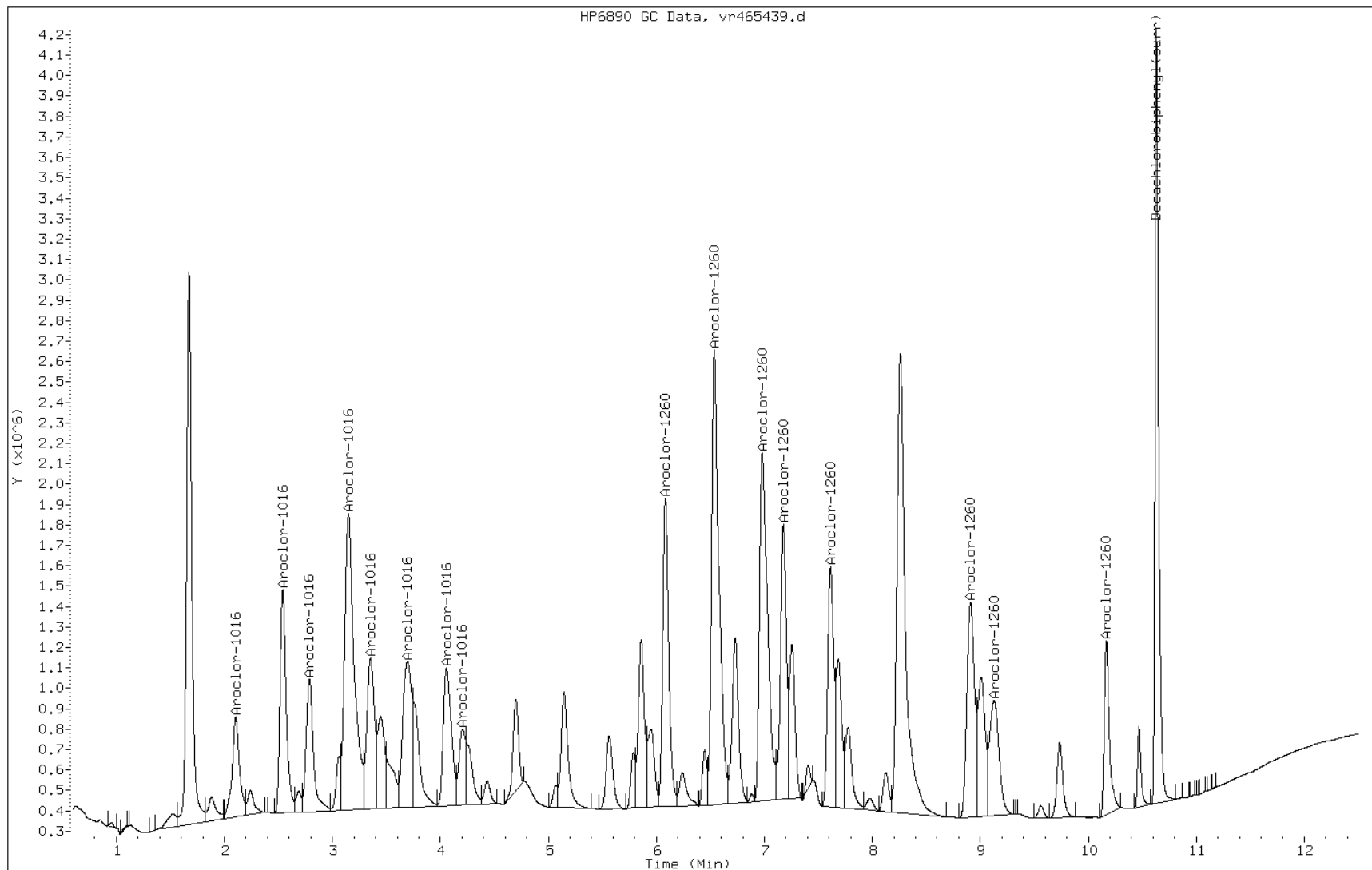
Date: 11-OCT-2011 20:47

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-89000/2-A

Operator: 615



Manual Integration Report

Data File: vr465439.d
Inj. Date and Time: 11-OCT-2011 20:47
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

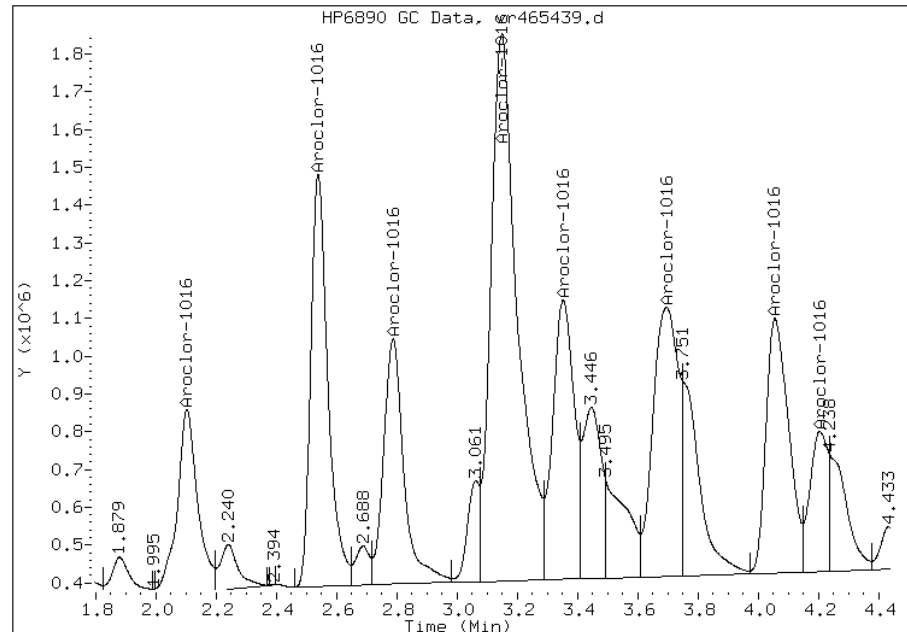
Processing Integration Results

Not Detected

Expected RT: 2.10

Manual Integration Results

RT: 2.10
Response: 2359289
Amount: 584.73
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89296/2-A
 Matrix: Solid Lab File ID: vf465529.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:36
 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.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	385		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	368		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

Data File: vf465529.d
 Report Date: 13-Oct-2011 14:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465529.d
 Lab Smp Id: LCS 460-89296/2-A
 Inj Date : 13-OCT-2011 09:36
 Operator : 615
 Smp Info : LCS 460-89296/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
 Meth Date : 13-Oct-2011 14:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 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: vf464924.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			
2.959	2.955	0.004	1451020	593.370	400	80.00-	120.00	100.00(M)
3.643	3.639	0.004	3046438	597.834	400	173.52-	260.28	209.95
4.086	4.083	0.003	1331098	594.604	400	75.61-	113.42	91.74
4.487	4.484	0.003	5930093	586.459	390	335.02-	502.54	408.68
4.733	4.730	0.003	2752322	596.640	400	155.27-	232.90	189.68
5.169	5.167	0.002	1622378	578.397	380	90.75-	136.12	111.81
5.557	5.555	0.002	1774656	538.532	360	106.88-	160.32	122.30
5.768	5.765	0.003	1823578	531.556	350	105.03-	157.54	125.68
Average of Peak Concentrations =					380			

27 Aroclor-1260					CAS #: 11096-82-5			
7.471	7.470	0.001	2067158	550.840	370	80.00-	120.00	100.00(M)

Data File: vf465529.d
 Report Date: 13-Oct-2011 14:52

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.785	7.783	0.002		4171627	553.637	370	159.04-	238.57	201.80
8.253	8.250	0.003		5028078	561.614	370	193.38-	290.07	243.24
9.371	9.370	0.001		3704624	568.678	380	142.80-	214.20	179.21
9.492	9.491	0.001		1996083	564.714	380	77.09-	115.63	96.56
9.939	9.937	0.002		3265531	559.029	370	128.51-	192.76	157.97
10.641	10.640	0.001		3905290	532.742	360	155.99-	233.98	188.92
11.109	11.110	-0.001		1646354	525.434	350	70.68-	106.02	79.64
Average of Peak Concentrations =					370				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.543	11.543	0.000		5551519	59.0446	39	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465529.d

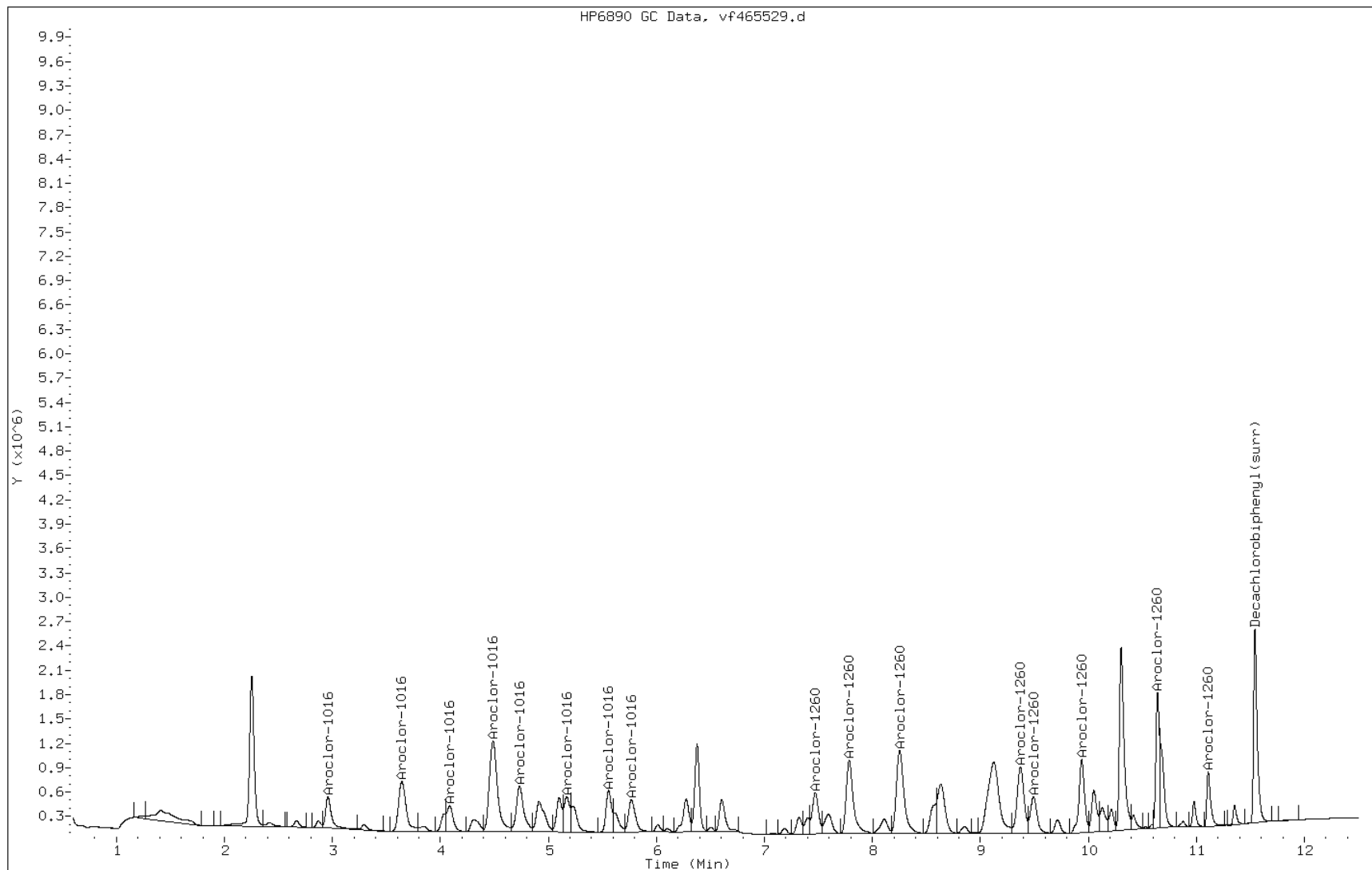
Date: 13-OCT-2011 09:36

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-89296/2-A

Operator: 615



Manual Integration Report

Data File: vf465529.d
Inj. Date and Time: 13-OCT-2011 09:36
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

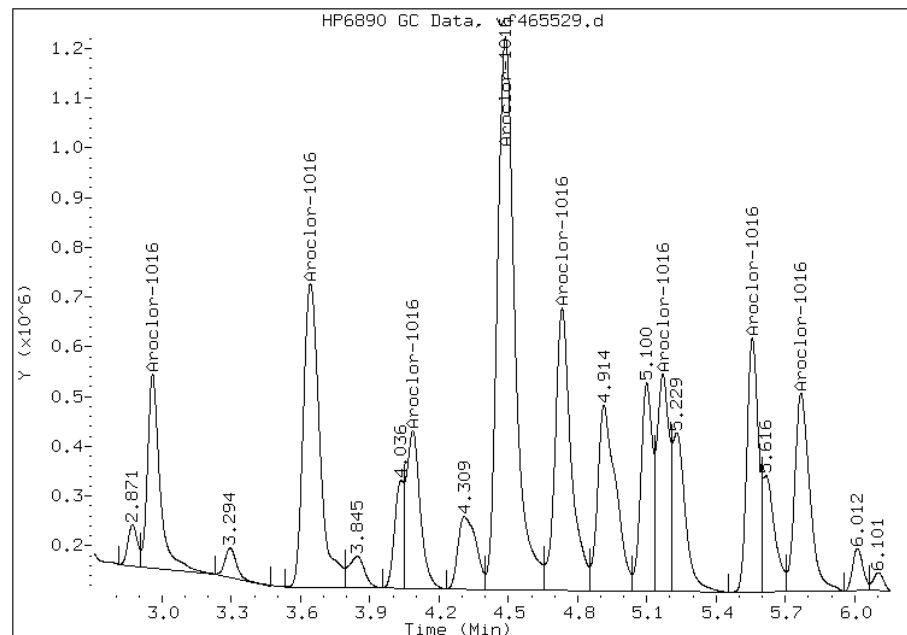
Processing Integration Results

Not Detected

Expected RT: 2.96

Manual Integration Results

RT: 2.96
Response: 1451020
Amount: 577.17
Conc: 380.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465529.d
Inj. Date and Time: 13-OCT-2011 09:36
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

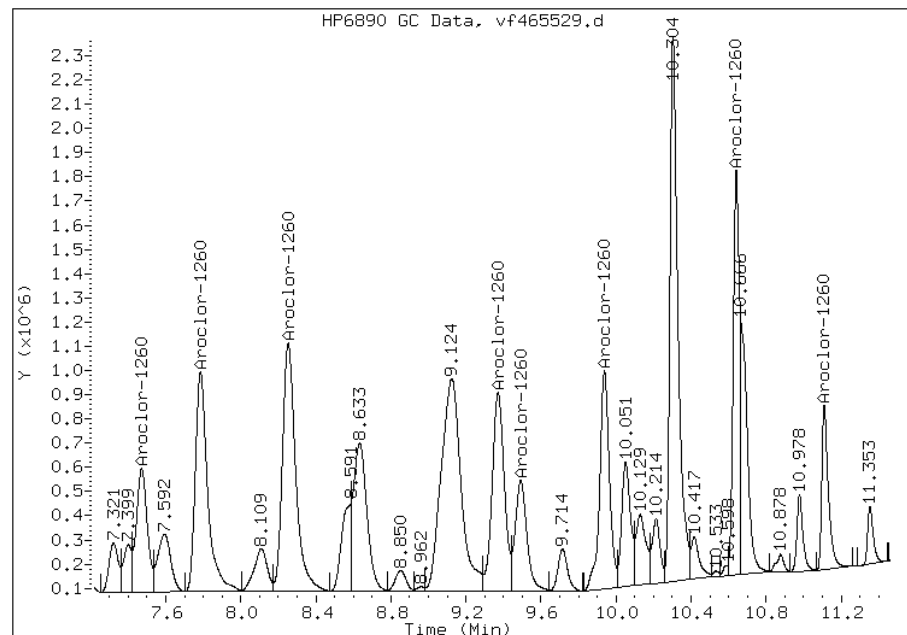
Processing Integration Results

Not Detected

Expected RT: 7.47

Manual Integration Results

RT: 7.47
Response: 2067158
Amount: 552.09
Conc: 370.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-89296/2-A
 Matrix: Solid Lab File ID: vr465529.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 09:36
 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.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	364		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	342		67	7.5

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/rear/Oct11/10-13-11/13oct11a.b/vr465529.d
Lab Smp Id: LCS 460-89296/2-A
Inj Date : 13-OCT-2011 09:36
Operator : 615
Smp Info : LCS 460-89296/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
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: vr464924.d
QC Sample: BS
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			
2.084	2.083	0.001	2239620	559.881	370	80.00-	120.00	100.00(M)
2.524	2.522	0.002	4005022	532.759	360	138.22-	207.33	178.83
2.774	2.772	0.002	2438332	478.756	320	93.59-	140.38	108.87
3.131	3.128	0.003	8723919	560.478	370	302.23-	453.35	389.53
3.332	3.328	0.004	3438670	560.004	370	123.02-	184.53	153.54
3.677	3.678	-0.001	4016563	580.568	390	139.71-	209.57	179.34
4.040	4.038	0.002	3311551	544.518	360	119.28-	178.93	147.86
4.190	4.187	0.003	1609461	550.938	370	58.08-	87.12	71.86
Average of Peak Concentrations =					360			

27 Aroclor-1260					CAS #: 11096-82-5			
6.074	6.071	0.003	5592972	558.977	370	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)									
6.529	6.525	0.004	9904025	530.662	350	147.74-	221.61	177.08	
6.975	6.969	0.006	8024944	489.810	330	132.28-	198.41	143.48	
7.169	7.165	0.004	4887332	510.689	340	76.17-	114.26	87.38	
7.606	7.602	0.004	4108325	512.057	340	64.97-	97.46	73.46	
8.907	8.898	0.009	4331287	502.450	330	72.70-	109.05	77.44	
9.119	9.114	0.005	3366802	473.235	320	57.83-	86.75	60.20	
10.167	10.163	0.004	2732931	524.477	350	41.70-	62.55	48.86	
Average of Peak Concentrations =					340				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.628	10.627	0.001	8552145	57.3721	38	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465529.d

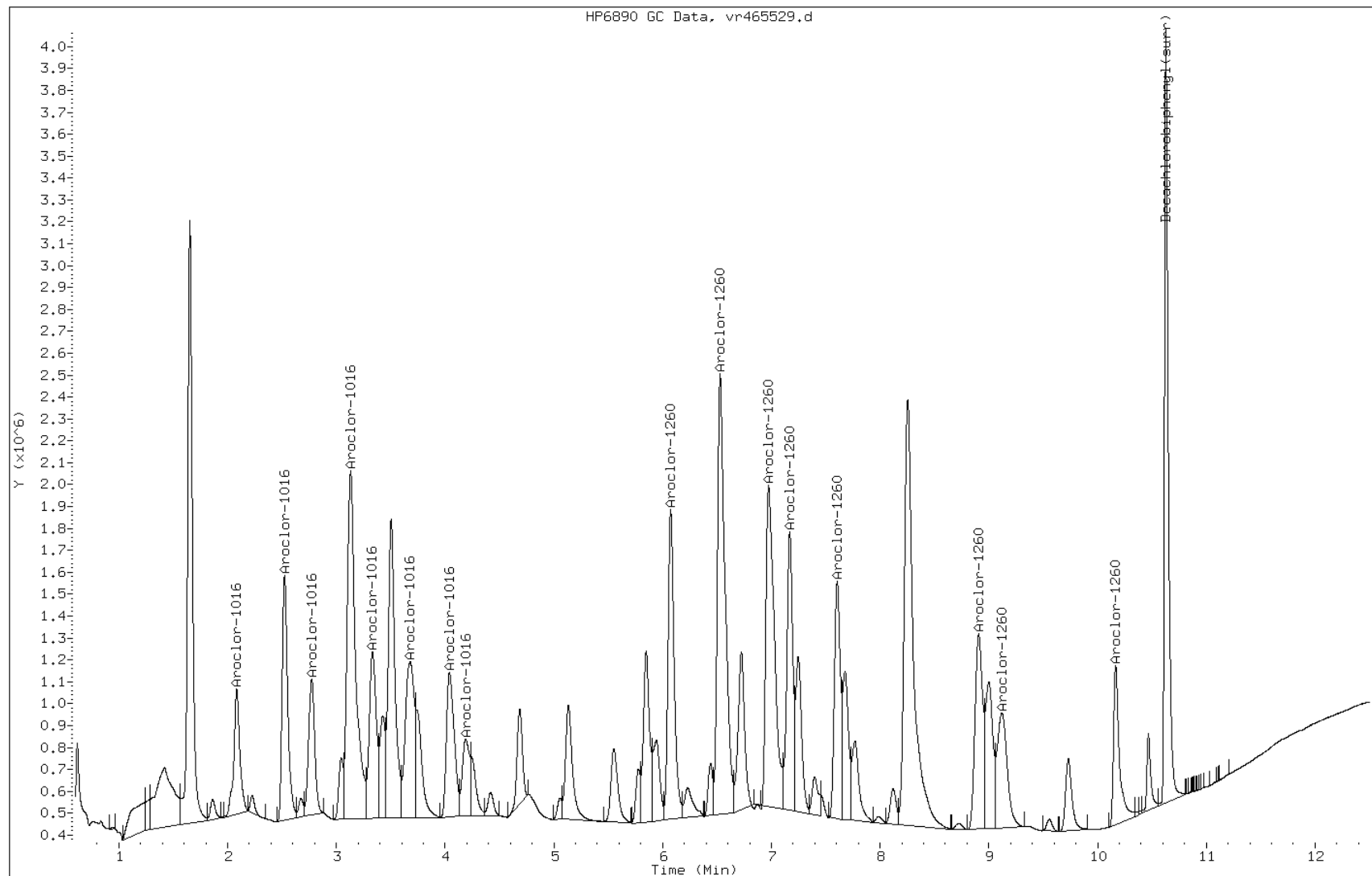
Date: 13-OCT-2011 09:36

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-89296/2-A

Operator: 615

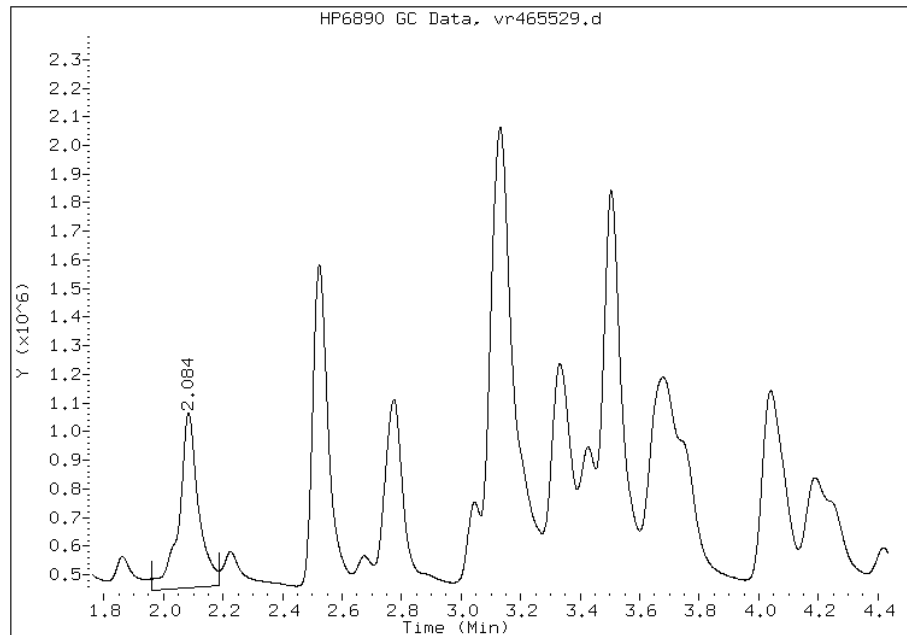


Manual Integration Report

Data File: vr465529.d
Inj. Date and Time: 13-OCT-2011 09:36
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

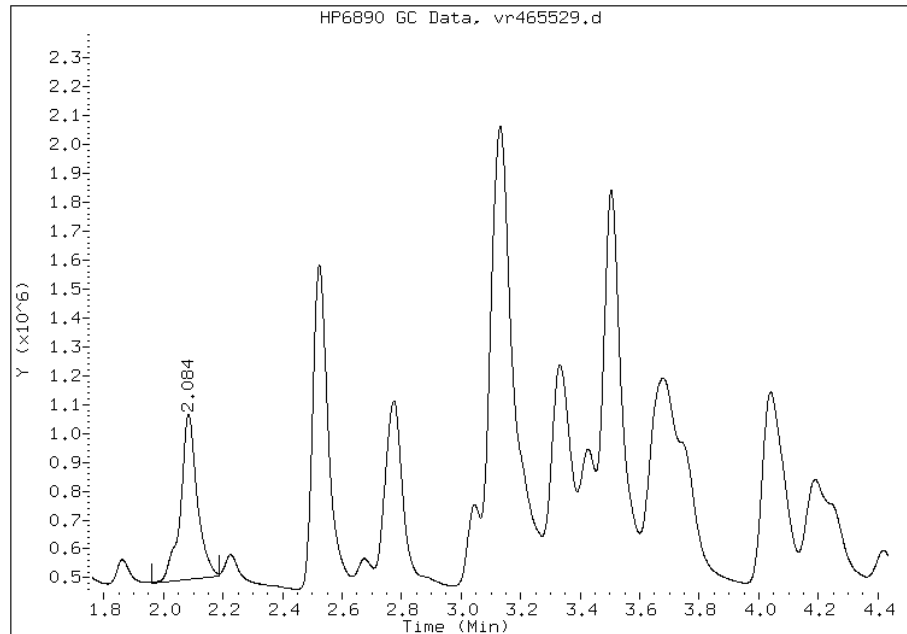
Processing Integration Results

RT: 2.08
Response: 2776462
Amount: 562.76
Conc: 380.00



Manual Integration Results

RT: 2.08
Response: 2239620
Amount: 545.99
Conc: 360.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 MS Lab Sample ID: 460-32128-13 MS
 Matrix: Solid Lab File ID: vf465441.d
 Analysis Method: 8082 Date Collected: 10/04/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.04(g) Date Analyzed: 10/11/2011 21:18
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	347		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	340		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

Data File: vf465441.d
Report Date: 13-Oct-2011 09:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465441.d
Lab Smp Id: 460-32128-D-13-A MS
Inj Date : 11-OCT-2011 21:18
Operator : 615
Smp Info : 460-32128-D-13-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:55 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 18 QC Sample: MS
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 (mL)
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
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.976	2.971	0.005	1229512	502.788	340	80.00-	120.00	100.00(M)
3.661	3.656	0.005	2706608	531.146	350	155.02-	232.53	220.14
4.104	4.100	0.004	1200293	536.173	360	72.02-	108.02	97.62
4.508	4.502	0.006	5256796	519.873	350	305.46-	458.19	427.55
4.750	4.746	0.004	2526907	547.775	360	148.53-	222.79	205.52
5.184	5.181	0.003	1519097	541.576	360	87.91-	131.87	123.55
5.570	5.569	0.001	1686527	511.789	340	107.26-	160.89	137.17
5.781	5.779	0.002	1658716	483.500	320	111.62-	167.43	134.91
Average of Peak Concentrations =					350			

27 Aroclor-1260					CAS #: 11096-82-5			
7.481	7.480	0.001	1949648	519.527	350	80.00-	120.00	100.00(M)

Data File: vf465441.d
 Report Date: 13-Oct-2011 09:57

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
7.795	7.795	0.000	3951106	524.370	350	158.28-	237.41	202.66
8.262	8.261	0.001	4716332	526.793	350	190.09-	285.14	241.91
9.380	9.380	0.000	3404986	522.682	350	140.49-	210.74	174.65
9.499	9.500	-0.001	1797052	508.406	340	75.82-	113.73	92.17
9.944	9.944	0.000	3098343	530.408	350	128.36-	192.54	158.92
10.643	10.643	0.000	3564127	486.202	320	149.86-	224.79	182.81
11.111	11.114	-0.003	1488770	475.141	320	65.09-	97.64	76.36
Average of Peak Concentrations =					340			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.545	11.550	-0.005	5128846	54.5491	36	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465441.d

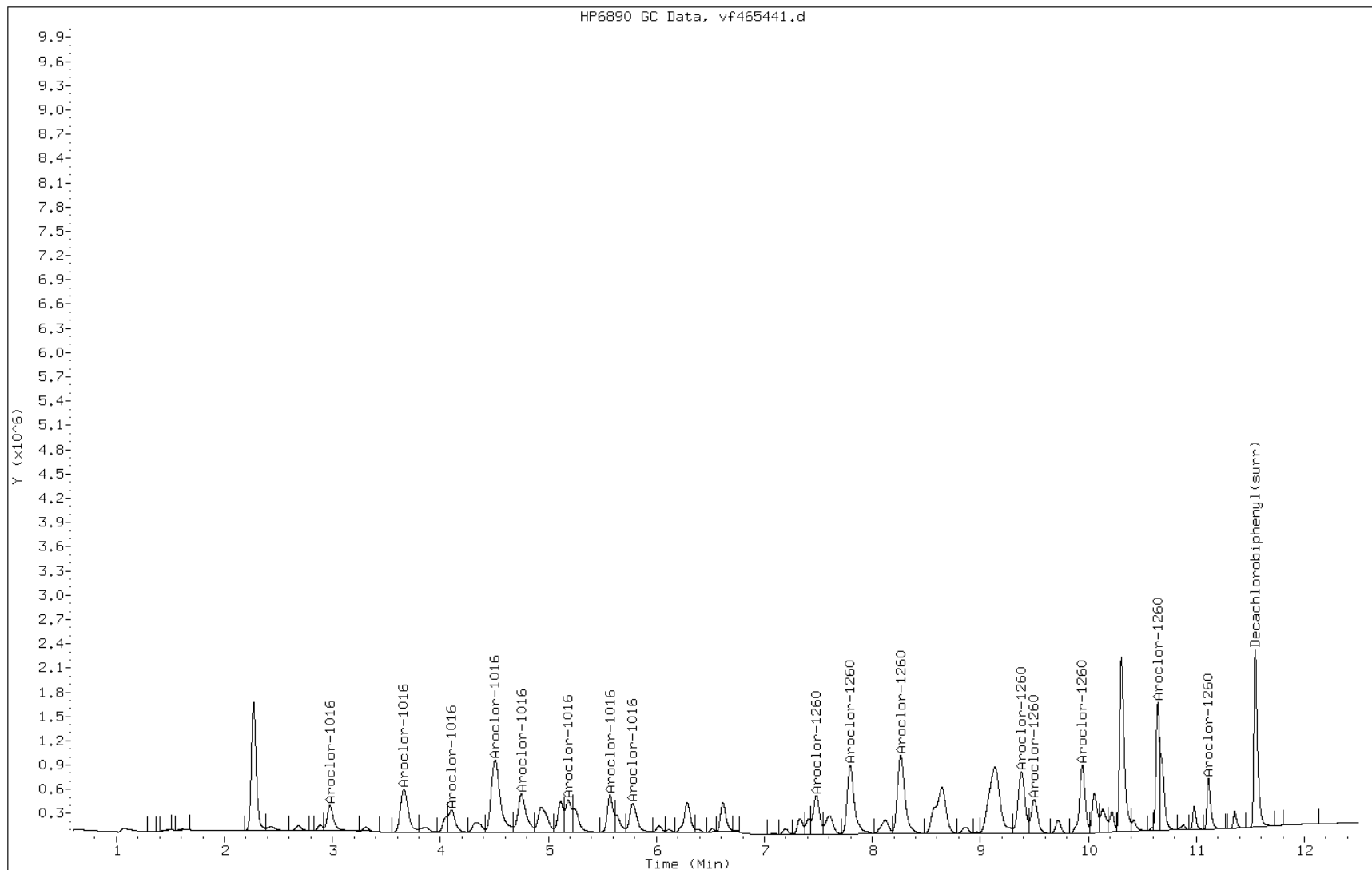
Date: 11-OCT-2011 21:18

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-A MS

Operator: 615



Manual Integration Report

Data File: vf465441.d
Inj. Date and Time: 11-OCT-2011 21:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

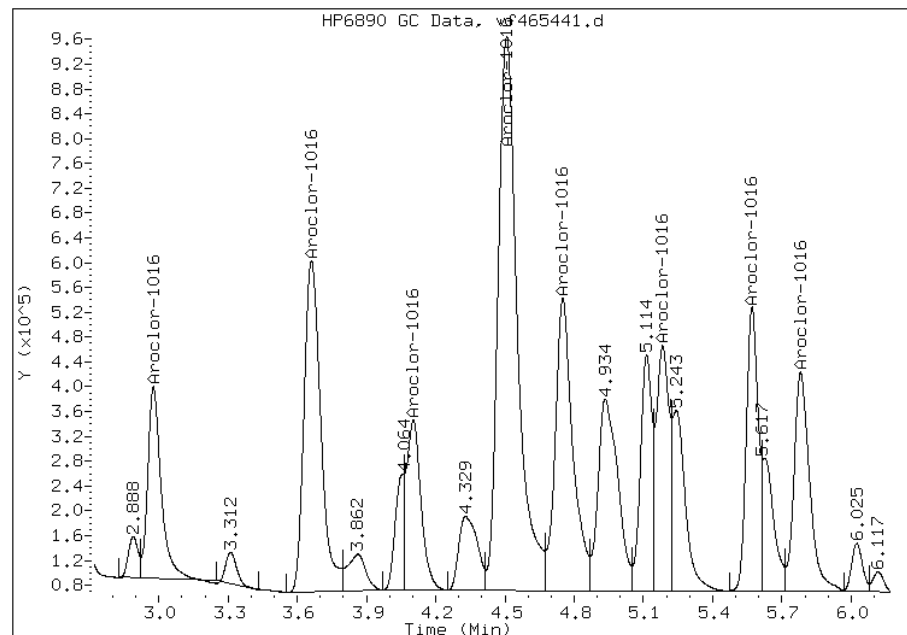
Processing Integration Results

Not Detected

Expected RT: 2.98

Manual Integration Results

RT: 2.98
Response: 1229512
Amount: 521.83
Conc: 350.00

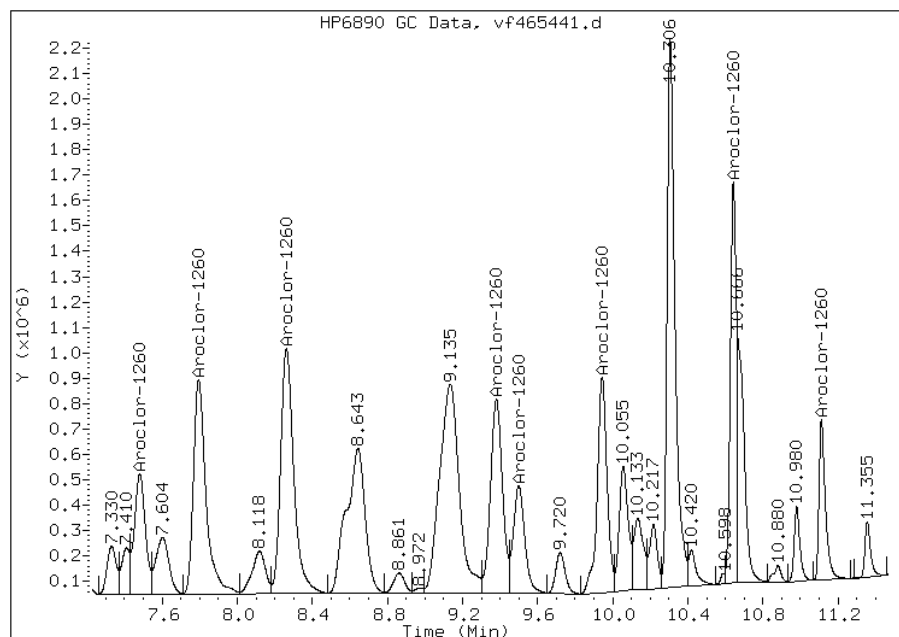


Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Data File: vf465441.d
Inj. Date and Time: 11-OCT-2011 21:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

Expected RT: 7.48

```
RT:      7.48
Response: 1949648
Amount:   511.69
Conc:     340.00
```



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 MS Lab Sample ID: 460-32128-13 MS
 Matrix: Solid Lab File ID: vr465441.d
 Analysis Method: 8082 Date Collected: 10/04/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.04(g) Date Analyzed: 10/11/2011 21:18
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	337		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	324		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465441.d
Lab Smp Id: 460-32128-D-13-A MS
Inj Date : 11-OCT-2011 21:18
Operator : 615
Smp Info : 460-32128-D-13-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 18 QC Sample: MS
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: 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			
2.105	2.105	0.000	1944567	486.121	320	80.00-	120.00	100.00(M)
2.542	2.540	0.002	3788023	503.893	340	150.86-	226.29	194.80
2.791	2.790	0.001	2673270	524.885	350	107.93-	161.89	137.47
3.153	3.150	0.003	7879009	506.196	340	315.47-	473.21	405.18
3.357	3.353	0.004	3280868	534.305	360	129.56-	194.34	168.72
3.700	3.699	0.001	3594163	519.513	350	143.19-	214.78	184.83
4.059	4.057	0.002	3095589	509.007	340	124.11-	186.16	159.19
4.208	4.207	0.001	1367470	468.101	310	63.53-	95.29	70.32
Average of Peak Concentrations =					340			

27 Aroclor-1260					CAS #: 11096-82-5			
6.085	6.083	0.002	5157512	515.455	340	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)								
6.539	6.536	0.003	9307954	498.724	330	147.03-	220.54	180.47
6.982	6.980	0.002	7818291	477.196	320	129.79-	194.69	151.59
7.179	7.176	0.003	4529936	473.344	320	74.16-	111.25	87.83
7.615	7.614	0.001	3911074	487.472	320	62.91-	94.37	75.83
8.913	8.910	0.003	4331793	502.509	340	71.86-	107.79	83.99
9.130	9.127	0.003	3225413	453.362	300	53.04-	79.55	62.54
10.170	10.168	0.002	2530046	485.542	320	43.93-	65.90	49.06
Average of Peak Concentrations =					320			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.632	10.631	0.001	8115547	54.4432	36	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465441.d

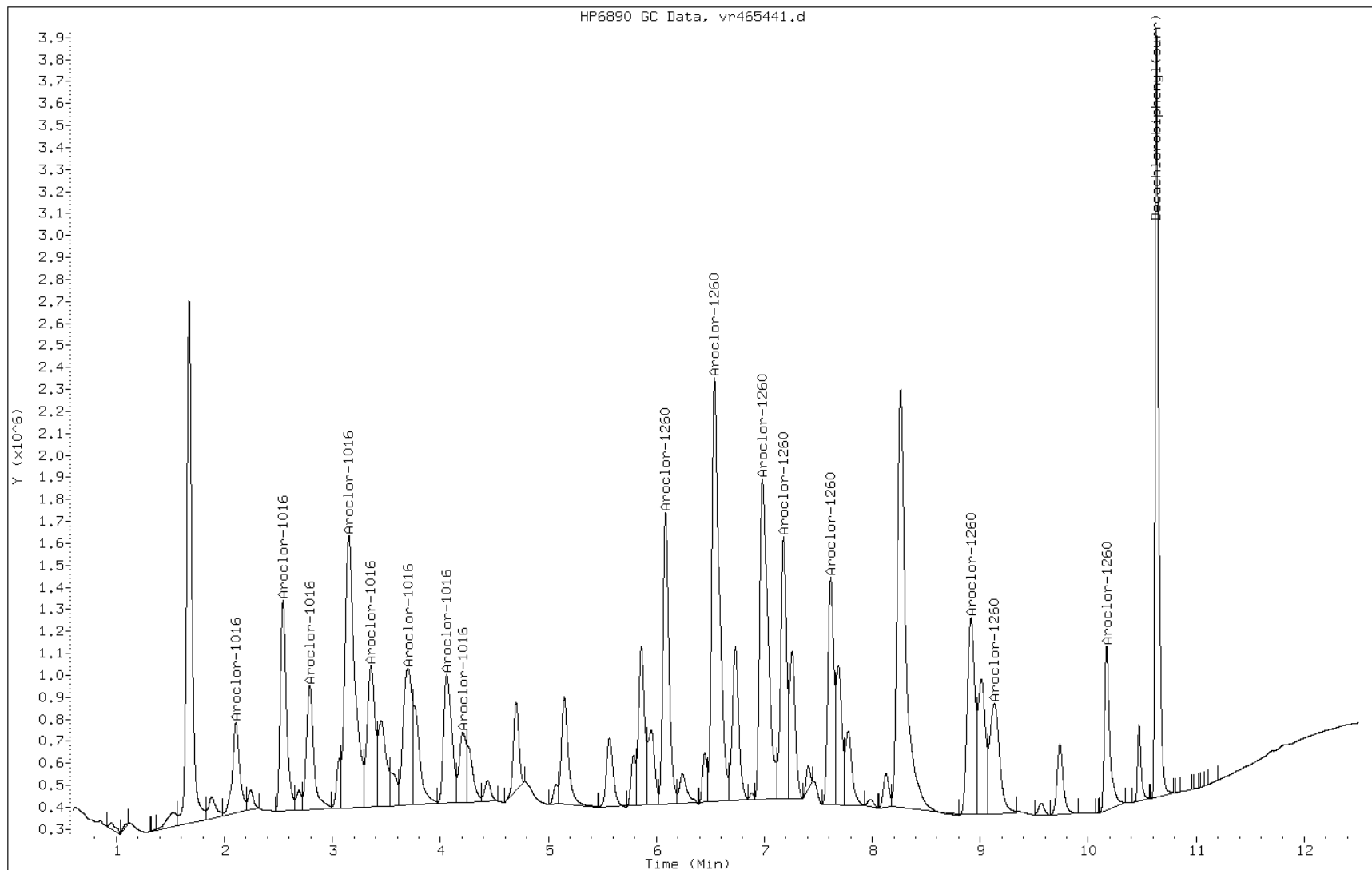
Date: 11-OCT-2011 21:18

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-A MS

Operator: 615



Manual Integration Report

Data File: vr465441.d
Inj. Date and Time: 11-OCT-2011 21:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

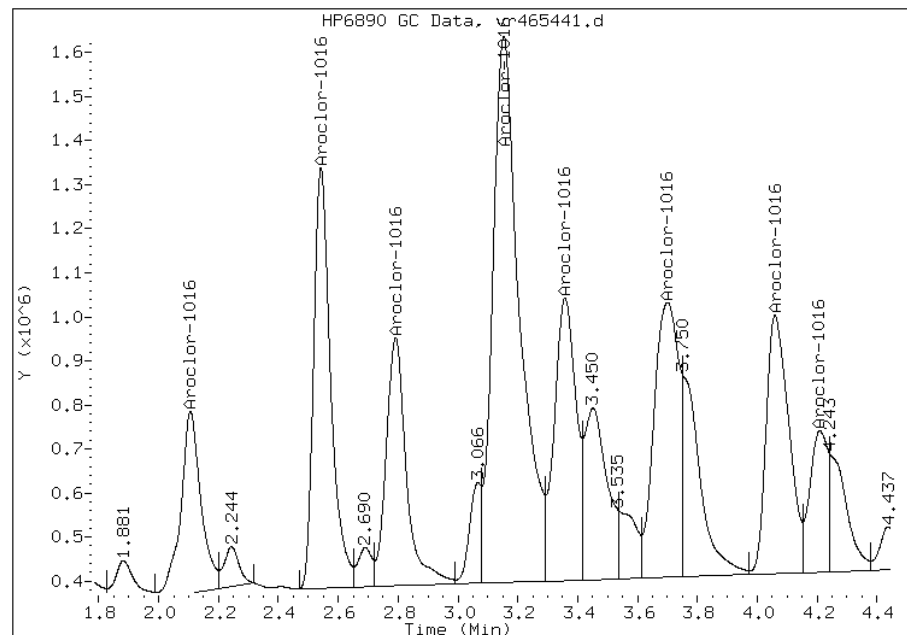
Processing Integration Results

Not Detected

Expected RT: 2.10

Manual Integration Results

RT: 2.11
Response: 1944567
Amount: 506.50
Conc: 340.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-C MS
 Matrix: Solid Lab File ID: vf465541.d
 Analysis Method: 8082 Date Collected: 09/29/2011 13:05
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 12:43
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 25.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	333		89	17
11104-28-2	PCB-1221	89	U	89	27
11141-16-5	PCB-1232	89	U	89	51
53469-21-9	PCB-1242	89	U	89	17
12672-29-6	PCB-1248	89	U	89	24
11097-69-1	PCB-1254	89	U	89	31
11096-82-5	PCB-1260	318		89	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		30-150

Data File: vf465541.d
 Report Date: 13-Oct-2011 14:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465541.d
 Lab Smp Id: 460-32001-C-12-C MS
 Inj Date : 13-OCT-2011 12:43
 Operator : 615
 Smp Info : 460-32001-C-12-C MS
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
 Meth Date : 13-Oct-2011 14:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.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			
2.960	2.955	0.005	980140	400.812	270	80.00-	120.00	100.00(M)
3.643	3.639	0.004	1916667	376.127	250	173.52-	260.28	195.55
4.087	4.083	0.004	831511	371.438	250	75.61-	113.42	84.84
4.489	4.484	0.005	3894100	385.109	260	335.02-	502.54	397.30
4.733	4.730	0.003	1802389	390.716	260	155.27-	232.90	183.89
5.170	5.167	0.003	1095813	390.670	260	90.75-	136.12	111.80
5.558	5.555	0.003	1174488	356.407	240	106.88-	160.32	119.83
5.766	5.765	0.001	1123524	327.497	220	105.03-	157.54	114.63
Average of Peak Concentrations =					250			

27 Aroclor-1260					CAS #: 11096-82-5			
7.470	7.470	0.000	1352005	360.272	240	80.00-	120.00	100.00(M)

Data File: vf465541.d
 Report Date: 13-Oct-2011 14:54

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.784	7.783	0.001	2825097	374.932	250	159.04-	238.57	208.96
8.249	8.250	-0.001	3346790	373.822	250	193.38-	290.07	247.54
9.369	9.370	-0.001	2419183	371.357	250	142.80-	214.20	178.93
9.489	9.491	-0.002	1260715	356.670	240	77.09-	115.63	93.25
9.936	9.937	-0.001	2158292	369.480	250	128.51-	192.76	159.64
10.638	10.640	-0.002	2566998	350.179	230	155.99-	233.98	189.87
11.108	11.110	-0.002	958715	305.974	200	70.68-	106.02	70.91
Average of Peak Concentrations =					240			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
11.545	11.543	0.002	3375928	35.9055	24	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465541.d

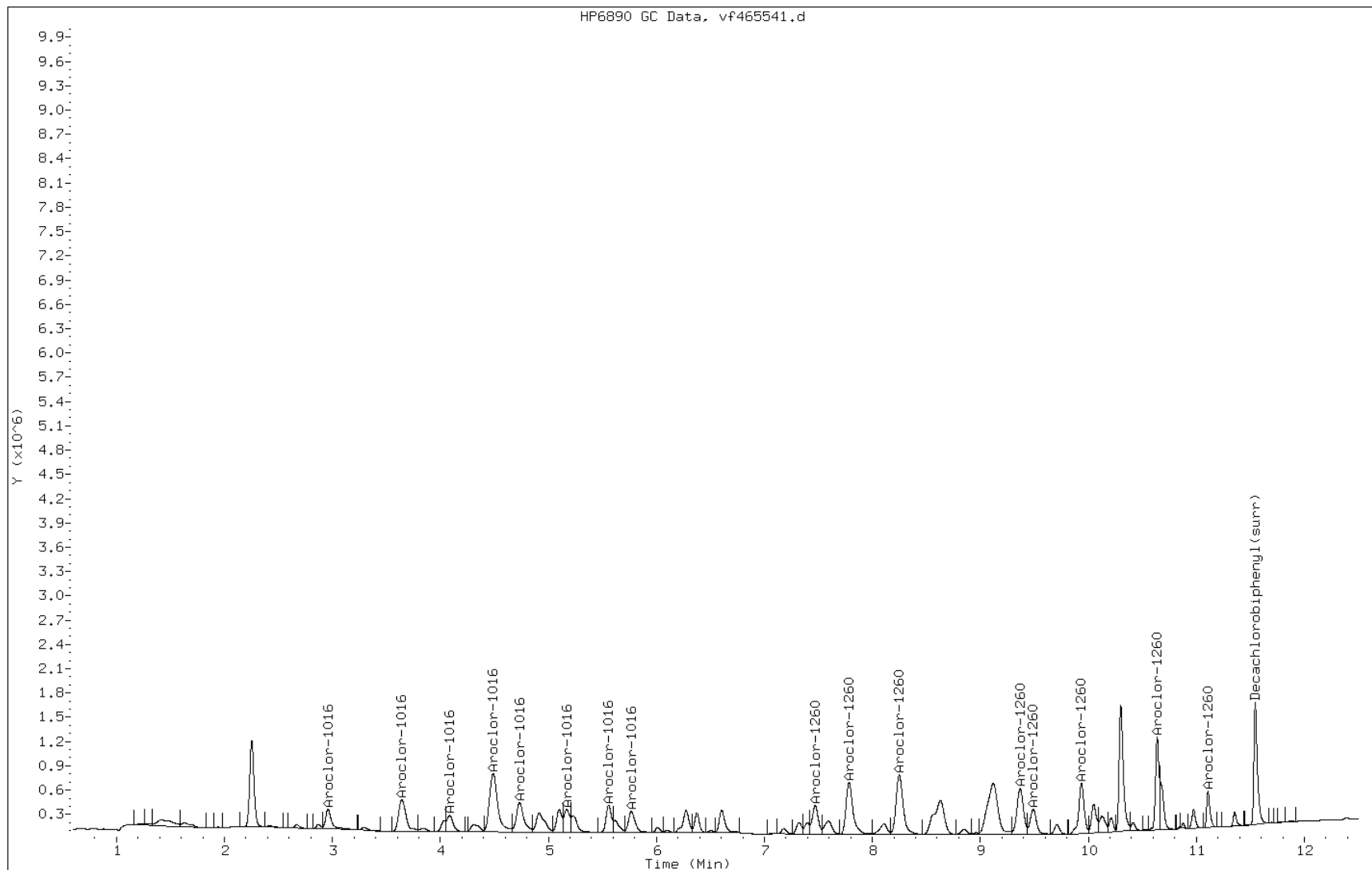
Date: 13-OCT-2011 12:43

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32001-C-12-C MS

Operator: 615



Manual Integration Report

Data File: vf465541.d
Inj. Date and Time: 13-OCT-2011 12:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

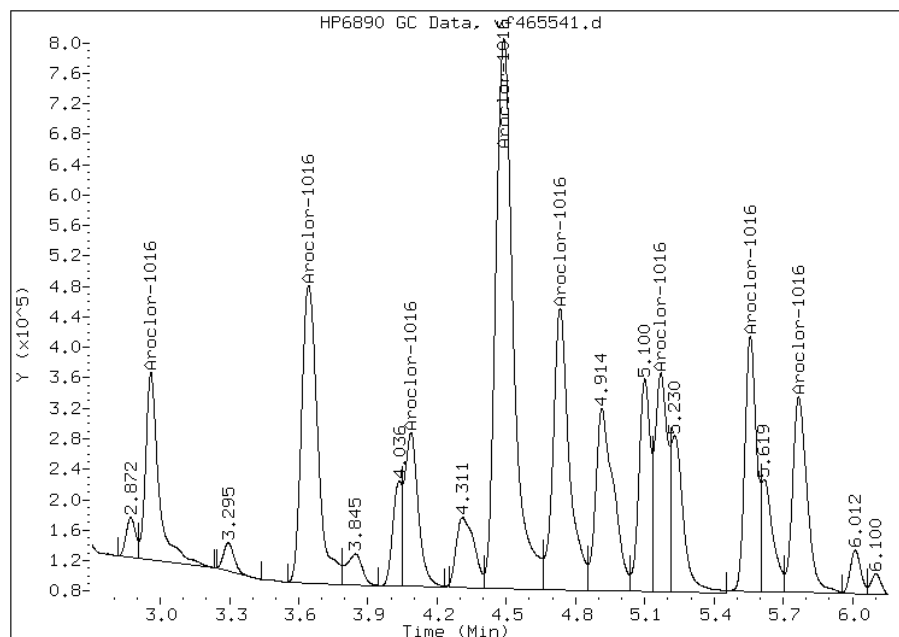
Processing Integration Results

Not Detected

Expected RT: 2.96

Manual Integration Results

RT: 2.96
Response: 980140
Amount: 374.85
Conc: 250.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465541.d
Inj. Date and Time: 13-OCT-2011 12:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

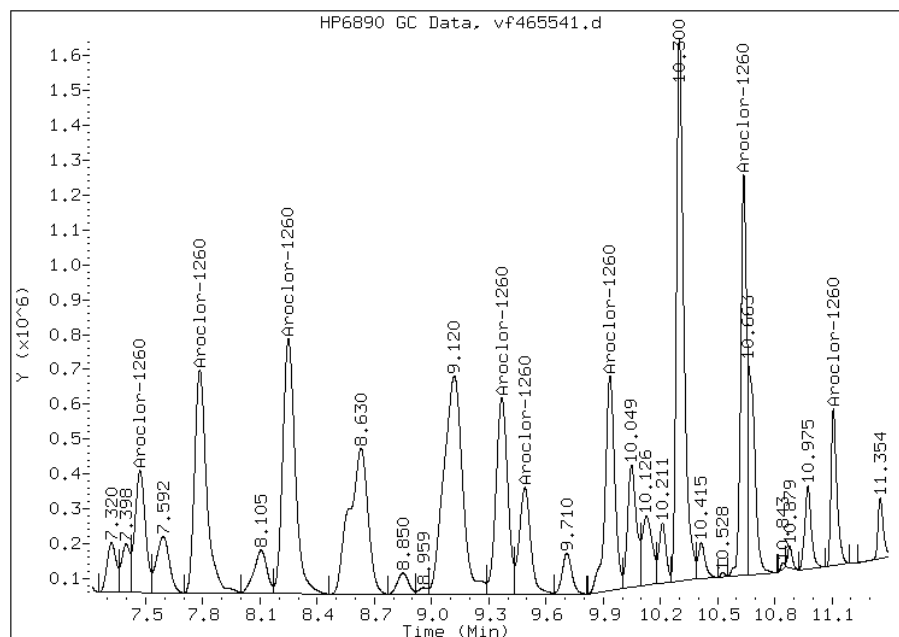
Processing Integration Results

Not Detected

Expected RT: 7.47

Manual Integration Results

RT: 7.47
Response: 1352005
Amount: 357.84
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-C MS
 Matrix: Solid Lab File ID: vr465541.d
 Analysis Method: 8082 Date Collected: 09/29/2011 13:05
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.02(g) Date Analyzed: 10/13/2011 12:43
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 25.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	320		89	17
11104-28-2	PCB-1221	89	U	89	27
11141-16-5	PCB-1232	89	U	89	51
53469-21-9	PCB-1242	89	U	89	17
12672-29-6	PCB-1248	89	U	89	24
11097-69-1	PCB-1254	89	U	89	31
11096-82-5	PCB-1260	319		89	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/vr465541.d
Lab Smp Id: 460-32001-C-12-C MS
Inj Date : 13-OCT-2011 12:43
Operator : 615
Smp Info : 460-32001-C-12-C MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: MS
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			
2.086	2.083	0.003	1541276	385.303	260	80.00-	120.00	100.00(M)
2.525	2.522	0.003	2563374	340.987	230	138.22-	207.33	166.32
2.775	2.772	0.003	1693295	332.471	220	93.59-	140.38	109.86
3.135	3.128	0.007	5615083	360.747	240	302.23-	453.35	364.31
3.335	3.328	0.007	2283615	371.898	250	123.02-	184.53	148.16
3.679	3.678	0.001	2621382	378.904	250	139.71-	209.57	170.08
4.040	4.038	0.002	2155456	354.421	240	119.28-	178.93	139.85
4.190	4.187	0.003	0			58.08-	87.12	0.00
Average of Peak Concentrations =					240			

27 Aroclor-1260					CAS #: 11096-82-5			
6.072	6.071	0.001	3744057	374.191	250	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)									
6.525	6.525	0.000	6712344	359.650	240	147.74-	221.61	179.28	
6.968	6.969	-0.001	5660063	345.467	230	132.28-	198.41	151.17	
7.165	7.165	0.000	3296090	344.417	230	76.17-	114.26	88.04	
7.601	7.602	-0.001	2876710	358.550	240	64.97-	97.46	76.83	
8.890	8.898	-0.008	3189989	370.054	250	72.70-	109.05	85.20	
9.111	9.114	-0.003	0			57.83-	86.75	0.00	
10.156	10.163	-0.007	0			41.70-	62.55	0.00	
Average of Peak Concentrations =					240				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.625	10.627	-0.002	4859170	32.5978	22	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465541.d

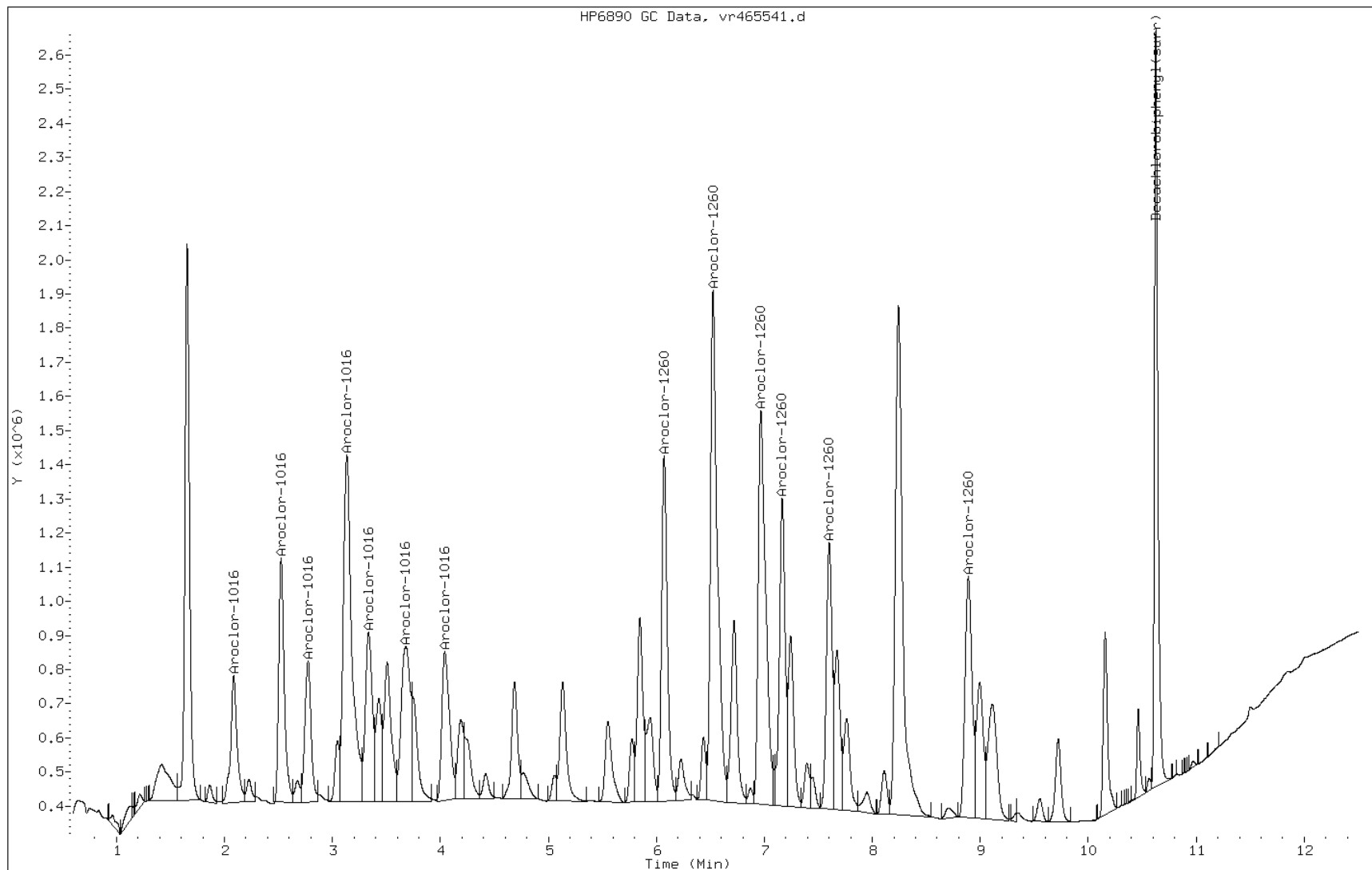
Date: 13-OCT-2011 12:43

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32001-C-12-C MS

Operator: 615



Manual Integration Report

Data File: vr465541.d
Inj. Date and Time: 13-OCT-2011 12:43
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

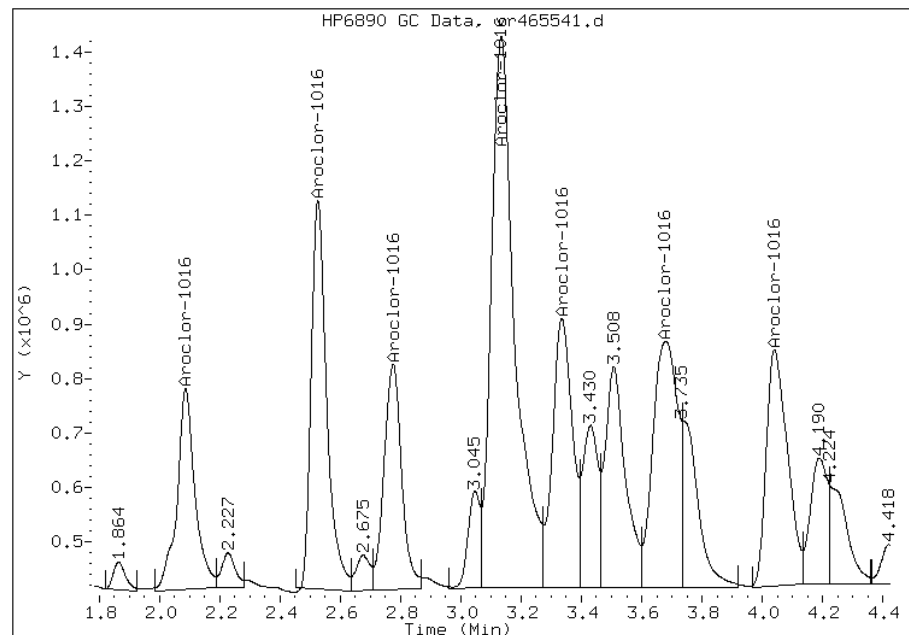
Processing Integration Results

Not Detected

Expected RT: 2.08

Manual Integration Results

RT: 2.09
Response: 1541276
Amount: 360.68
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD
 Matrix: Solid Lab File ID: vf465442.d
 Analysis Method: 8082 Date Collected: 10/04/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 21:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	287		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	313		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

Data File: vf465442.d
Report Date: 13-Oct-2011 09:57

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/vf465442.d
Lab Smp Id: 460-32128-D-13-B SD
Inj Date : 11-OCT-2011 21:34
Operator : 615
Smp Info : 460-32128-D-13-B MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-11-11/11oct11c.b/08Vf8082.m
Meth Date : 13-Oct-2011 09:55 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 19 QC Sample: MSD
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 (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			
2.974	2.971	0.003	1180960	482.934	320	80.00-	120.00	100.00(M)
3.658	3.656	0.002	2137239	419.413	280	155.02-	232.53	180.97
4.100	4.100	0.000	915708	409.049	270	72.02-	108.02	77.54
4.505	4.502	0.003	4273289	422.609	280	305.46-	458.19	361.85
4.748	4.746	0.002	2071021	448.950	300	148.53-	222.79	175.37
5.181	5.181	0.000	1263123	450.319	300	87.91-	131.87	106.96
5.569	5.569	0.000	1342574	407.414	270	107.26-	160.89	113.68
5.779	5.779	0.000	1393842	406.292	270	111.62-	167.43	118.03
Average of Peak Concentrations =					290			

27 Aroclor-1260					CAS #: 11096-82-5			
7.480	7.480	0.000	1727816	460.415	310	80.00-	120.00	100.00(M)

Data File: vf465442.d
 Report Date: 13-Oct-2011 09:57

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)									
7.794	7.795	-0.001	3532808	468.856	310	158.28-	237.41	204.47	
8.261	8.261	0.000	4239374	473.519	320	190.09-	285.14	245.36	
9.379	9.380	-0.001	3088142	474.045	320	140.49-	210.74	178.73	
9.498	9.500	-0.002	1631716	461.631	310	75.82-	113.73	94.44	
9.943	9.944	-0.001	2803915	480.004	320	128.36-	192.54	162.28	
10.642	10.643	-0.001	3624086	494.382	330	149.86-	224.79	209.75	
11.111	11.114	-0.003	1385410	442.154	290	65.09-	97.64	80.18	
Average of Peak Concentrations =					310				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.544	11.550	-0.006	4809036	51.1477	34	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465442.d

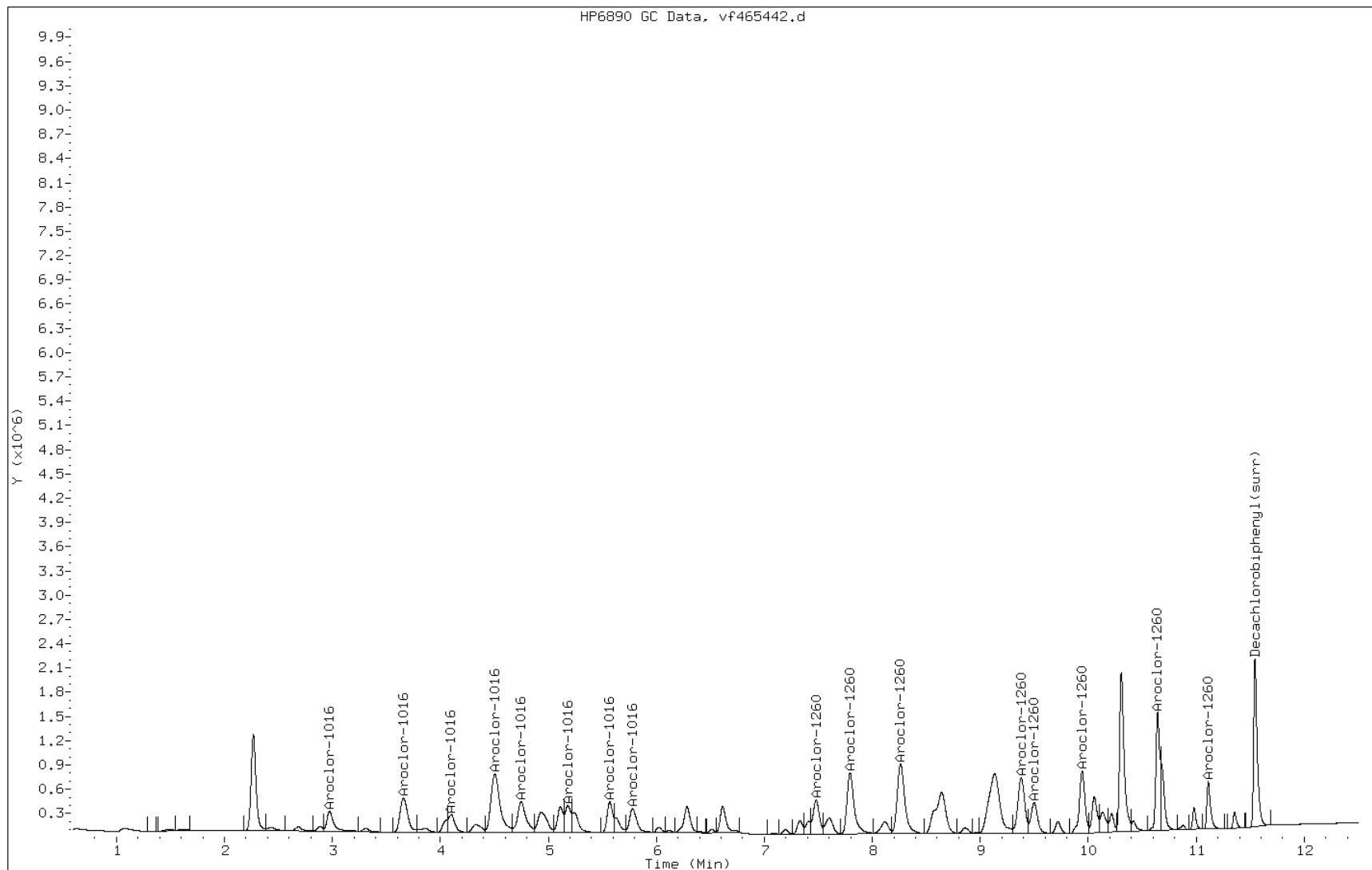
Date: 11-OCT-2011 21:34

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-B MSD

Operator: 615



Manual Integration Report

Data File: vf465442.d
Inj. Date and Time: 11-OCT-2011 21:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

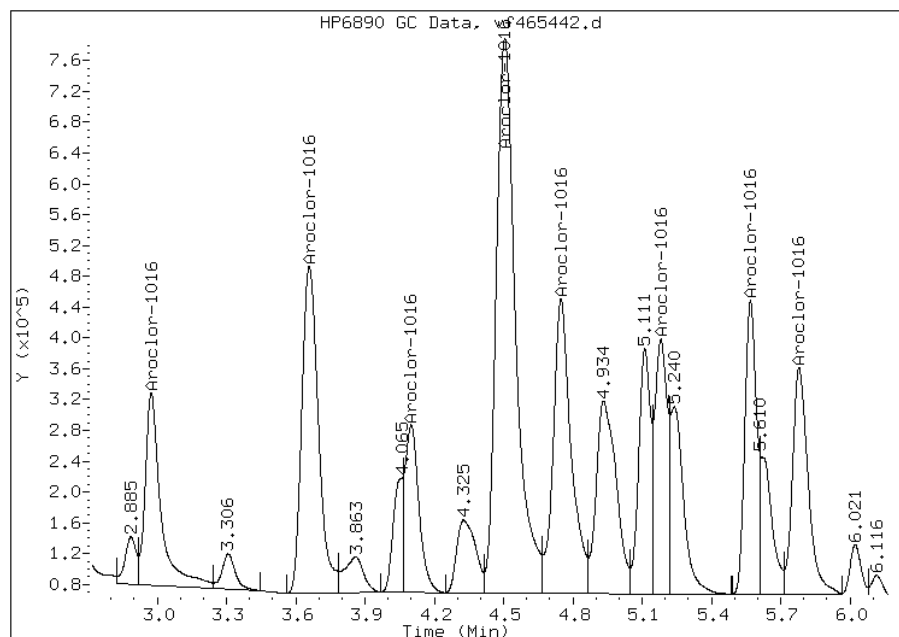
Processing Integration Results

Not Detected

Expected RT: 2.98

Manual Integration Results

RT: 2.97
Response: 1180960
Amount: 430.87
Conc: 290.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465442.d
Inj. Date and Time: 11-OCT-2011 21:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

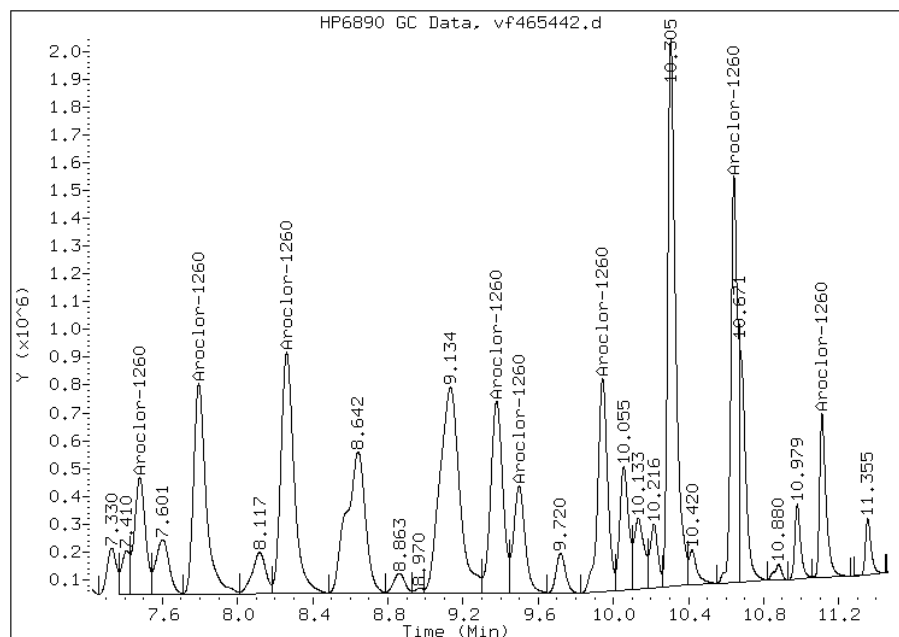
Processing Integration Results

Not Detected

Expected RT: 7.48

Manual Integration Results

RT: 7.48
Response: 1727816
Amount: 469.38
Conc: 310.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: FB-17338-100411-MM-138 Lab Sample ID: 460-32128-13 MSD
 Matrix: Solid Lab File ID: vr465442.d
 Analysis Method: 8082 Date Collected: 10/04/2011 12:30
 Extraction Method: 3541 Date Extracted: 10/11/2011 03:34
 Sample wt/vol: 15.00(g) Date Analyzed: 10/11/2011 21:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 0.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89331 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	270		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	294		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/vr465442.d
Lab Smp Id: 460-32128-D-13-B SD
Inj Date : 11-OCT-2011 21:34
Operator : 615
Smp Info : 460-32128-D-13-B MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b/08Vr8082.m
Meth Date : 13-Oct-2011 09:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.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			
2.105	2.105	0.000	1519766	379.925	250	80.00-	120.00	100.00(M)
2.540	2.540	0.000	2991492	397.937	260	150.86-	226.29	196.84
2.790	2.790	0.000	2109463	414.184	280	107.93-	161.89	138.80
3.150	3.150	0.000	6382533	410.053	270	315.47-	473.21	419.97
3.355	3.353	0.002	2633705	428.912	280	129.56-	194.34	173.30
3.697	3.699	-0.002	2907146	420.209	280	143.19-	214.78	191.29
4.055	4.057	-0.002	2542810	418.114	280	124.11-	186.16	167.32
4.205	4.207	-0.002	1073464	367.460	240	63.53-	95.29	70.63
Average of Peak Concentrations =					270			

27 Aroclor-1260					CAS #: 11096-82-5			
6.084	6.083	0.001	4437241	443.470	300	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)								
6.537	6.536	0.001	8410729	450.650	300	147.03-	220.54	189.55
6.982	6.980	0.002	6990681	426.682	280	129.79-	194.69	157.55
7.177	7.176	0.001	4088177	427.184	280	74.16-	111.25	92.13
7.615	7.614	0.001	3524074	439.237	290	62.91-	94.37	79.42
8.912	8.910	0.002	3921756	454.942	300	71.86-	107.79	88.38
9.127	9.127	0.000	3089101	434.202	290	53.04-	79.55	69.62
10.168	10.168	0.000	2336095	448.320	300	43.93-	65.90	52.65
Average of Peak Concentrations =					290			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.631	10.631	0.000	7661447	51.3968	34	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465442.d

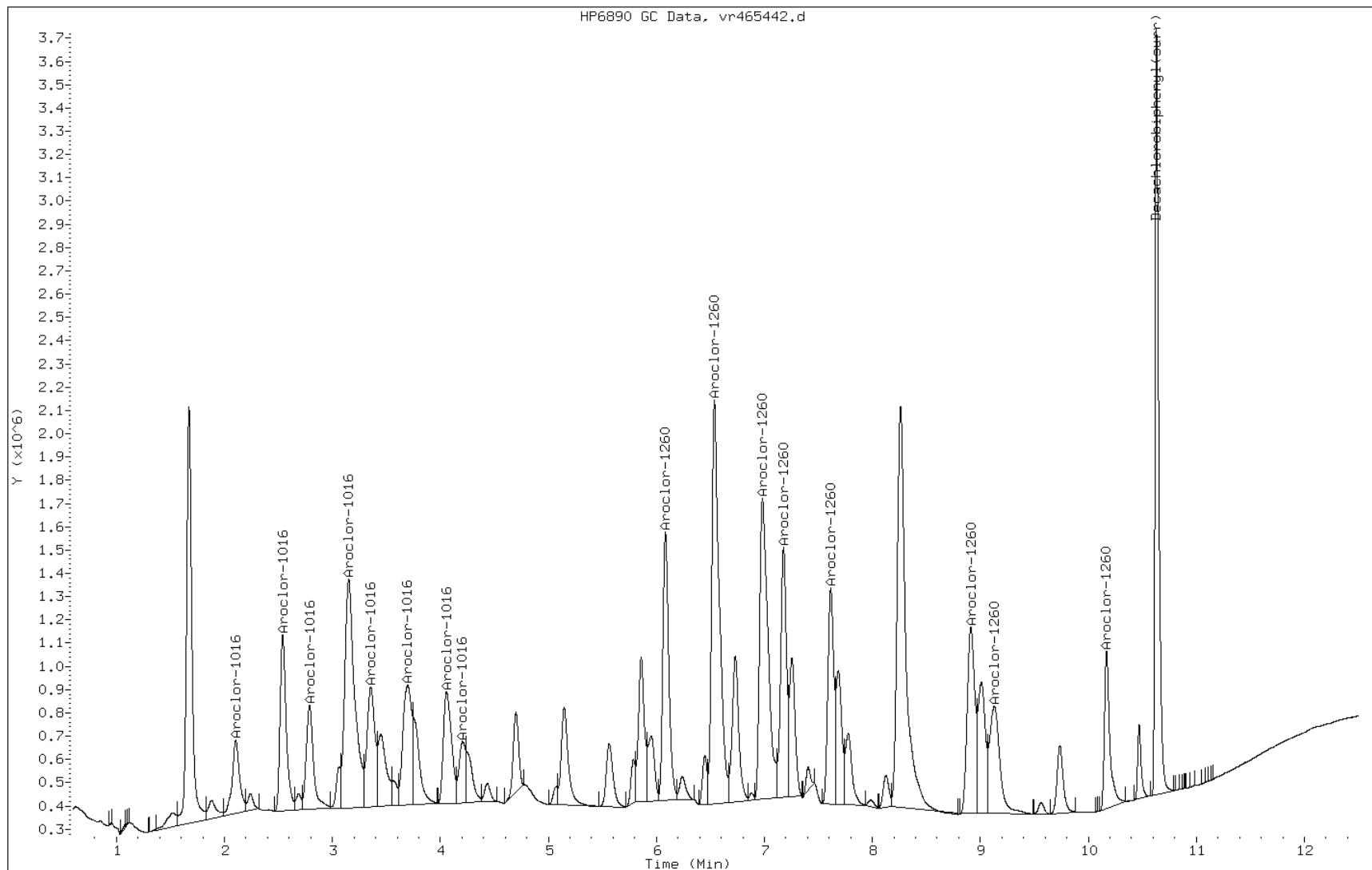
Date: 11-OCT-2011 21:34

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32128-D-13-B MSD

Operator: 615



Manual Integration Report

Data File: vr465442.d
Inj. Date and Time: 11-OCT-2011 21:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

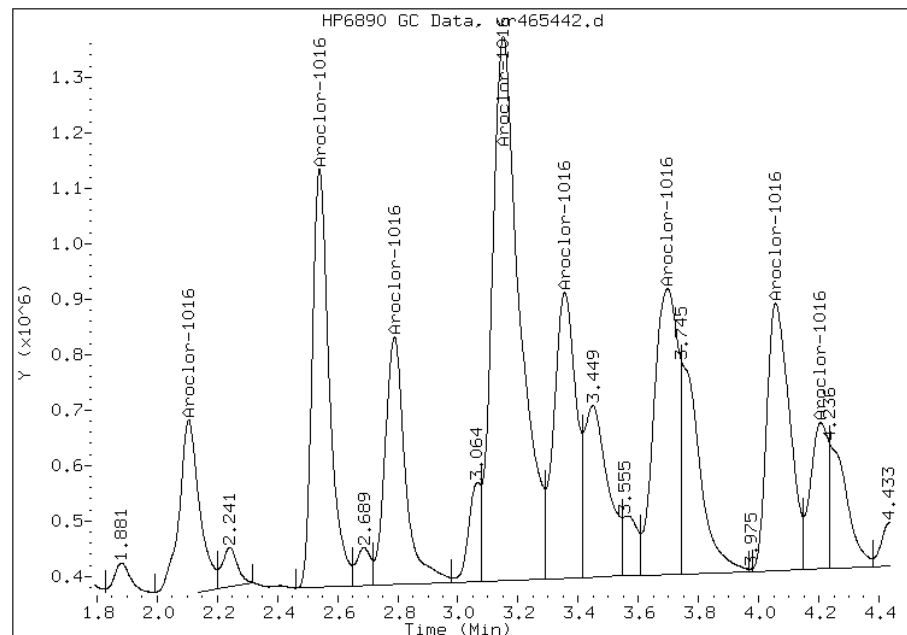
Processing Integration Results

Not Detected

Expected RT: 2.10

Manual Integration Results

RT: 2.10
Response: 1519766
Amount: 404.60
Conc: 270.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-D MSD
 Matrix: Solid Lab File ID: vf465542.d
 Analysis Method: 8082 Date Collected: 09/29/2011 13:05
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:59
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 25.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	323		89	17
11104-28-2	PCB-1221	89	U	89	27
11141-16-5	PCB-1232	89	U	89	51
53469-21-9	PCB-1242	89	U	89	17
12672-29-6	PCB-1248	89	U	89	24
11097-69-1	PCB-1254	89	U	89	31
11096-82-5	PCB-1260	309		89	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		30-150

Data File: vf465542.d
 Report Date: 13-Oct-2011 14:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/vf465542.d
 Lab Smp Id: 460-32001-C-12-D SD
 Inj Date : 13-OCT-2011 12:59
 Operator : 615
 Smp Info : 460-32001-C-12-D MSD
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-13-11/13oct11a.b/08Vf8082.m
 Meth Date : 13-Oct-2011 14:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 19
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.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			
2.958	2.955	0.003	969306	396.381	260	80.00-	120.00	100.00(M)
3.643	3.639	0.004	1882930	369.507	250	173.52-	260.28	194.26
4.086	4.083	0.003	823841	368.011	240	75.61-	113.42	84.99
4.487	4.484	0.003	3647588	360.730	240	335.02-	502.54	376.31
4.732	4.730	0.002	1703740	369.332	250	155.27-	232.90	175.77
5.169	5.167	0.002	1040619	370.993	250	90.75-	136.12	107.36
5.557	5.555	0.002	1136991	345.028	230	106.88-	160.32	117.30
5.766	5.765	0.001	1107233	322.748	220	105.03-	157.54	114.23
Average of Peak Concentrations =					240			

27 Aroclor-1260					CAS #: 11096-82-5			
7.469	7.470	-0.001	1316363	350.774	230	80.00-	120.00	100.00(M)

Data File: vf465542.d
 Report Date: 13-Oct-2011 14:54

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (	ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
27 Aroclor-1260 (continued)									
7.782	7.783	-0.001		2748324	364.743	240	159.04-	238.57	208.78
8.247	8.250	-0.003		3251387	363.165	240	193.38-	290.07	247.00
9.366	9.370	-0.004		2336257	358.627	240	142.80-	214.20	177.48
9.486	9.491	-0.005		1177415	333.104	220	77.09-	115.63	89.44
9.933	9.937	-0.004		2060191	352.686	240	128.51-	192.76	156.51
10.637	10.640	-0.003		2583250	352.396	230	155.99-	233.98	196.24
11.107	11.110	-0.003		956857	305.381	200	70.68-	106.02	72.69
Average of Peak Concentrations =						230			

\$ 30 Decachlorobiphenyl(surr)						CAS #: 2051-24-3			
11.545	11.543	0.002		3497047	37.1937	25	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465542.d

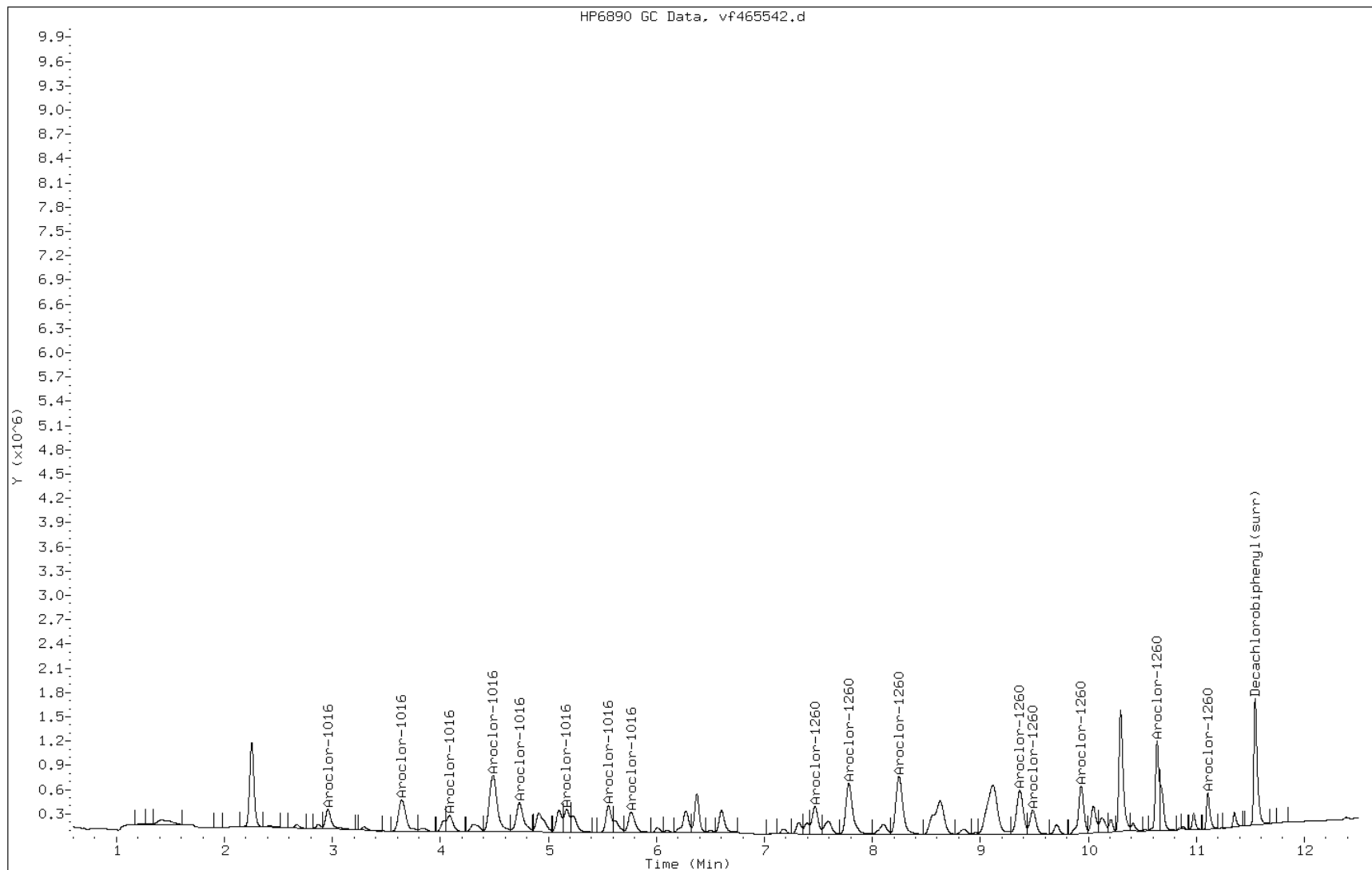
Date: 13-OCT-2011 12:59

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32001-C-12-D MSD

Operator: 615

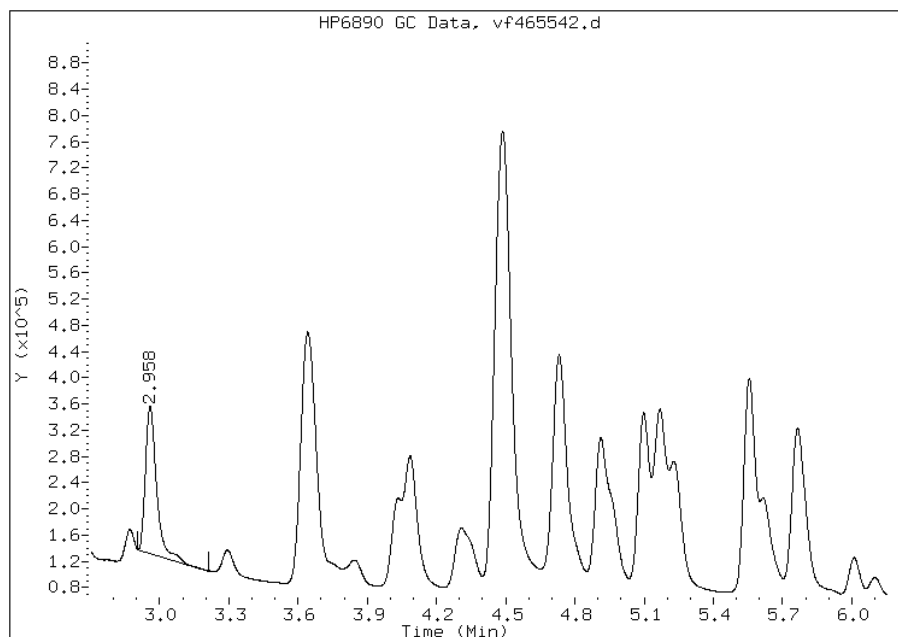


Manual Integration Report

Data File: vf465542.d
Inj. Date and Time: 13-OCT-2011 12:59
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

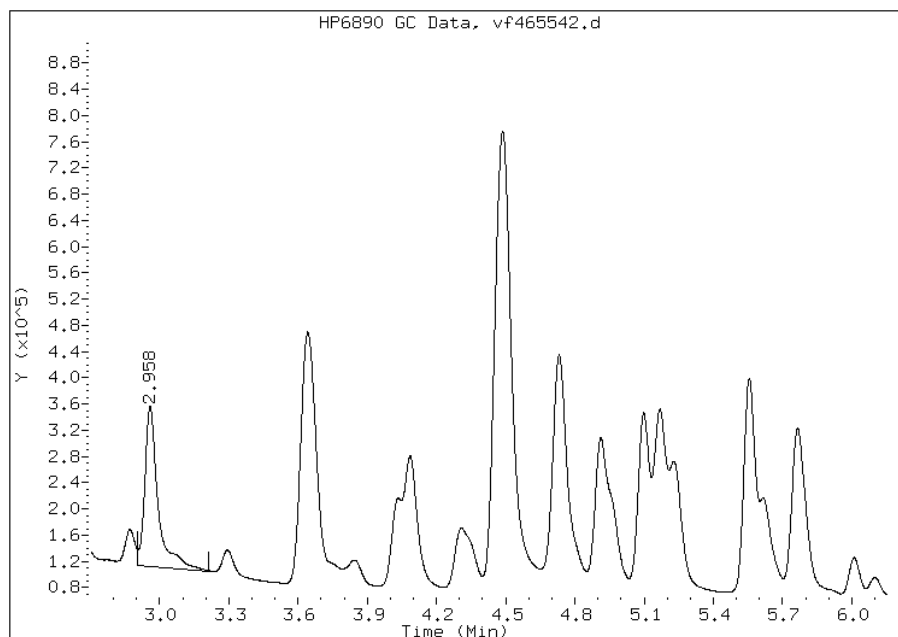
Processing Integration Results

RT: 2.96
Response: 758005
Amount: 352.04
Conc: 230.00



Manual Integration Results

RT: 2.96
Response: 969306
Amount: 362.84
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465542.d
Inj. Date and Time: 13-OCT-2011 12:59
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/13/2011

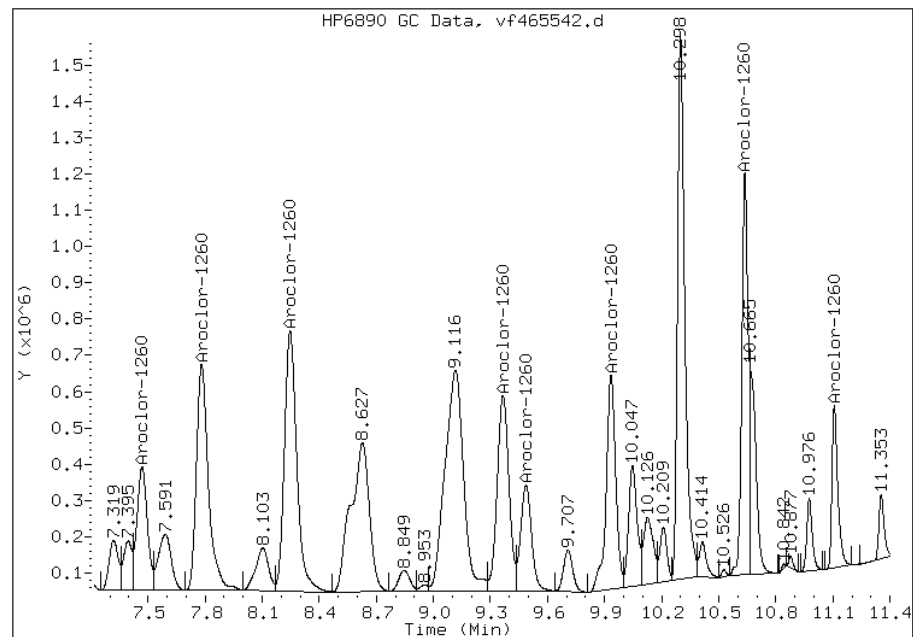
Processing Integration Results

Not Detected

Expected RT: 7.47

Manual Integration Results

RT: 7.47
Response: 1316363
Amount: 347.61
Conc: 230.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-32001-C-12-D MSD
 Matrix: Solid Lab File ID: vr465542.d
 Analysis Method: 8082 Date Collected: 09/29/2011 13:05
 Extraction Method: 3541 Date Extracted: 10/13/2011 03:00
 Sample wt/vol: 15.00(g) Date Analyzed: 10/13/2011 12:59
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 25.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 89405 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	309		89	17
11104-28-2	PCB-1221	89	U	89	27
11141-16-5	PCB-1232	89	U	89	51
53469-21-9	PCB-1242	89	U	89	17
12672-29-6	PCB-1248	89	U	89	24
11097-69-1	PCB-1254	89	U	89	31
11096-82-5	PCB-1260	320		89	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	66		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/vr465542.d
Lab Smp Id: 460-32001-C-12-D SD
Inj Date : 13-OCT-2011 12:59
Operator : 615
Smp Info : 460-32001-C-12-D MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b/08Vr8082.m
Meth Date : 13-Oct-2011 14:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: MSD
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			
2.085	2.083	0.002	1439974	359.978	240	80.00-	120.00	100.00(M)
2.524	2.522	0.002	2496818	332.134	220	138.22-	207.33	173.39
2.774	2.772	0.002	1661836	326.294	220	93.59-	140.38	115.41
3.132	3.128	0.004	5886692	378.197	250	302.23-	453.35	408.81
3.333	3.328	0.005	2185081	355.851	240	123.02-	184.53	151.74
3.679	3.678	0.001	2451493	354.347	240	139.71-	209.57	170.25
4.039	4.038	0.001	2065374	339.609	230	119.28-	178.93	143.43
4.186	4.187	-0.001	976459	334.254	220	58.08-	87.12	67.81
Average of Peak Concentrations =					230			

27 Aroclor-1260					CAS #: 11096-82-5			
6.071	6.071	0.000	3758177	375.602	250	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)									
6.523	6.525	-0.002	6703320	359.167	240	147.74-	221.61	178.37	
6.964	6.969	-0.005	5612949	342.591	230	132.28-	198.41	149.35	
7.163	7.165	-0.002	3349756	350.024	230	76.17-	114.26	89.13	
7.598	7.602	-0.004	2860071	356.476	240	64.97-	97.46	76.10	
8.886	8.898	-0.012	3220971	373.648	250	72.70-	109.05	85.71	
9.106	9.114	-0.008	0			57.83-	86.75	0.00	
10.154	10.163	-0.009	0			41.70-	62.55	0.00	
Average of Peak Concentrations =					240				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.624	10.627	-0.003	4941175	33.1479	22	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465542.d

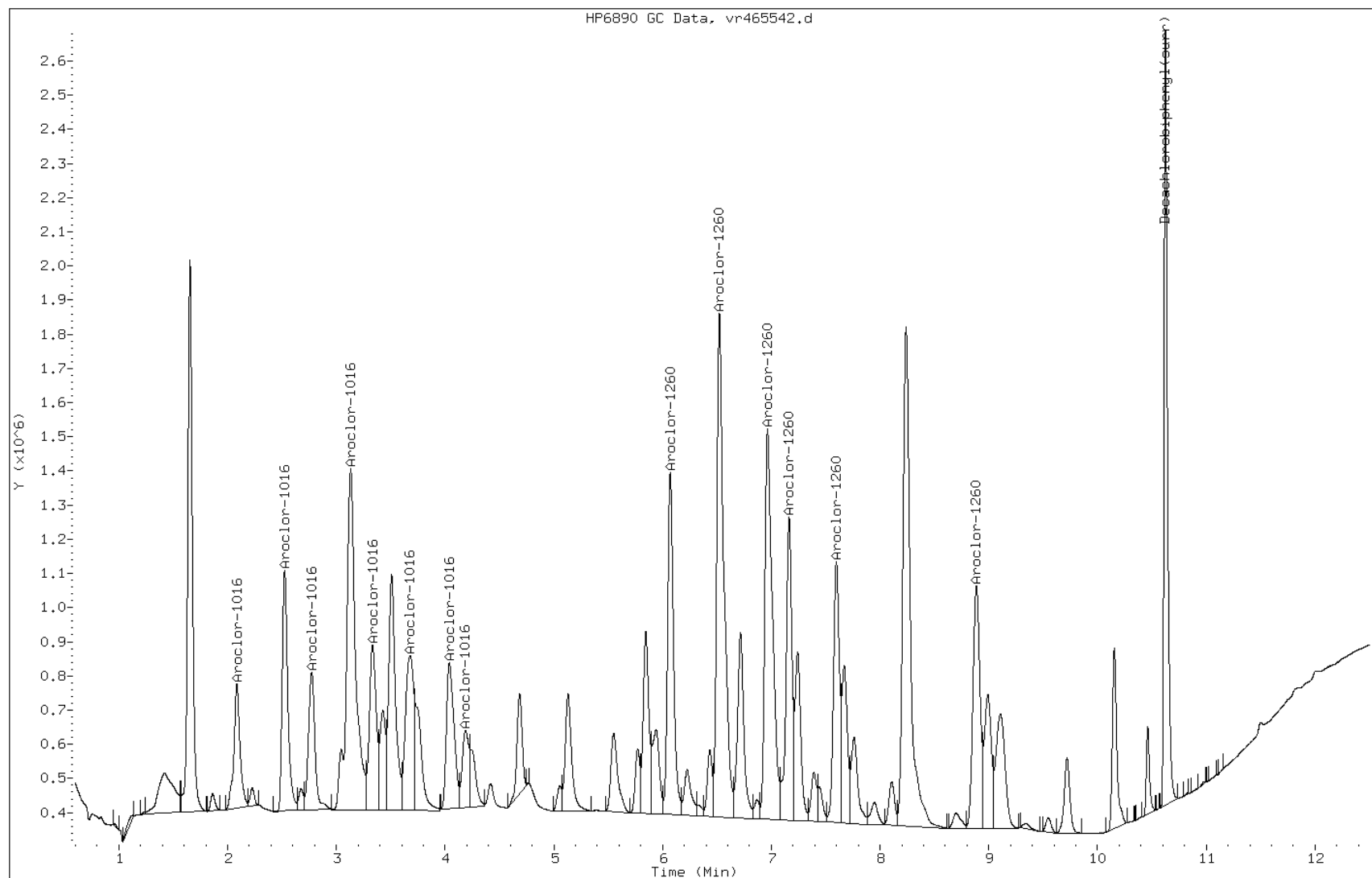
Date: 13-OCT-2011 12:59

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-32001-C-12-D MSD

Operator: 615



Manual Integration Report

Data File: vr465542.d
Inj. Date and Time: 13-OCT-2011 12:59
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/13/2011

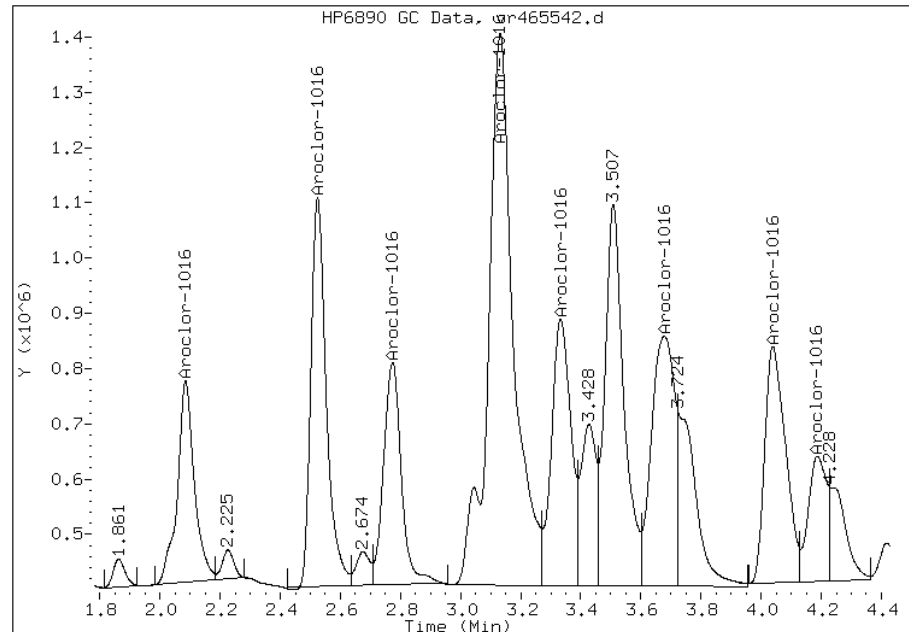
Processing Integration Results

Not Detected

Expected RT: 2.08

Manual Integration Results

RT: 2.08
Response: 1439974
Amount: 347.58
Conc: 230.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 09/29/2011 11:00Analysis Batch Number: 87766End Date: 09/29/2011 15:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/29/2011 11:00	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:00	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:16	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:16	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:32	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:32	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:47	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:47	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 12:03	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 12:03	1		CLP-1 0.53 (mm)
IC 460-87766/6		09/29/2011 12:19	1	vf464913.d	CLP-2 0.53 (mm)
IC 460-87766/6		09/29/2011 12:19	1	vr464913.d	CLP-1 0.53 (mm)
IC 460-87766/7		09/29/2011 12:34	1	vf464914.d	CLP-2 0.53 (mm)
IC 460-87766/7		09/29/2011 12:34	1	vr464914.d	CLP-1 0.53 (mm)
IC 460-87766/8		09/29/2011 12:50	1	vf464915.d	CLP-2 0.53 (mm)
IC 460-87766/8		09/29/2011 12:50	1	vr464915.d	CLP-1 0.53 (mm)
IC 460-87766/9		09/29/2011 13:06	1	vf464916.d	CLP-2 0.53 (mm)
IC 460-87766/9		09/29/2011 13:06	1	vr464916.d	CLP-1 0.53 (mm)
IC 460-87766/10		09/29/2011 13:21	1	vf464917.d	CLP-2 0.53 (mm)
IC 460-87766/10		09/29/2011 13:21	1	vr464917.d	CLP-1 0.53 (mm)
IC 460-87766/11		09/29/2011 13:37	1	vf464918.d	CLP-2 0.53 (mm)
IC 460-87766/11		09/29/2011 13:37	1	vr464918.d	CLP-1 0.53 (mm)
IC 460-87766/12		09/29/2011 13:53	1	vf464919.d	CLP-2 0.53 (mm)
IC 460-87766/12		09/29/2011 13:53	1	vr464919.d	CLP-1 0.53 (mm)
IC 460-87766/13		09/29/2011 14:08	1	vf464920.d	CLP-2 0.53 (mm)
IC 460-87766/13		09/29/2011 14:08	1	vr464920.d	CLP-1 0.53 (mm)
IC 460-87766/14		09/29/2011 14:24	1	vf464921.d	CLP-2 0.53 (mm)
IC 460-87766/14		09/29/2011 14:24	1	vr464921.d	CLP-1 0.53 (mm)
IC 460-87766/15		09/29/2011 14:39	1	vf464922.d	CLP-2 0.53 (mm)
IC 460-87766/15		09/29/2011 14:39	1	vr464922.d	CLP-1 0.53 (mm)
IC 460-87766/16		09/29/2011 14:55	1		CLP-2 0.53 (mm)
IC 460-87766/16		09/29/2011 14:55	1		CLP-1 0.53 (mm)
IC 460-87766/17		09/29/2011 15:10	1		CLP-2 0.53 (mm)
IC 460-87766/17		09/29/2011 15:10	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 15:26	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 15:26	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 10/11/2011 14:56Analysis Batch Number: 89331End Date: 10/11/2011 23:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-89331/26		10/11/2011 14:56	1		CLP-2 0.53 (mm)
PIBLK 460-89331/26		10/11/2011 14:56	1		CLP-1 0.53 (mm)
CCVRT 460-89331/1		10/11/2011 15:12	1	vf465423.d	CLP-2 0.53 (mm)
CCVRT 460-89331/1		10/11/2011 15:12	1	vr465423.d	CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 16:49	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 16:49	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 17:05	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 17:05	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 17:20	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 17:20	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 17:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 17:36	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 17:52	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 17:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 18:08	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 18:08	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 18:24	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 18:24	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 18:40	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 18:40	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 18:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 18:56	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 19:12	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 19:12	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 19:28	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 19:28	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 19:43	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 19:43	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 19:59	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 19:59	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 20:15	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 20:15	1		CLP-1 0.53 (mm)
MB 460-89000/1-A		10/11/2011 20:31	1	vf465438.d	CLP-2 0.53 (mm)
MB 460-89000/1-A		10/11/2011 20:31	1	vr465438.d	CLP-1 0.53 (mm)
LCS 460-89000/2-A		10/11/2011 20:47	1	vf465439.d	CLP-2 0.53 (mm)
LCS 460-89000/2-A		10/11/2011 20:47	1	vr465439.d	CLP-1 0.53 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/11/2011 21:03	1	vf465440.d	CLP-2 0.53 (mm)
460-32128-13	FB-17338-100411-MM-13 8	10/11/2011 21:03	1	vr465440.d	CLP-1 0.53 (mm)
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/11/2011 21:18	1	vf465441.d	CLP-2 0.53 (mm)
460-32128-13 MS	FB-17338-100411-MM-13 8 MS	10/11/2011 21:18	1	vr465441.d	CLP-1 0.53 (mm)
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/11/2011 21:34	1	vf465442.d	CLP-2 0.53 (mm)
460-32128-13 MSD	FB-17338-100411-MM-13 8 MSD	10/11/2011 21:34	1	vr465442.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 10/11/2011 14:56Analysis Batch Number: 89331 End Date: 10/11/2011 23:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/11/2011 21:50	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 21:50	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 22:06	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 22:06	1		CLP-1 0.53 (mm)
ZZZZZ		10/11/2011 22:22	1		CLP-2 0.53 (mm)
ZZZZZ		10/11/2011 22:22	1		CLP-1 0.53 (mm)
PIBLK 460-89331/24		10/11/2011 22:47	1		CLP-2 0.53 (mm)
PIBLK 460-89331/24		10/11/2011 22:47	1		CLP-1 0.53 (mm)
CCV 460-89331/25		10/11/2011 23:03	1	vf465447.d	CLP-2 0.53 (mm)
CCV 460-89331/25		10/11/2011 23:03	1	vr465447.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 10/13/2011 08:17Analysis Batch Number: 89405End Date: 10/13/2011 13:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/13/2011 08:17	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 08:17	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 08:33	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 08:33	1		CLP-1 0.53 (mm)
CCVRT 460-89405/3		10/13/2011 08:49	1	vf465526.d	CLP-2 0.53 (mm)
CCVRT 460-89405/3		10/13/2011 08:49	1	vr465526.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 09:04	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 09:04	1		CLP-1 0.53 (mm)
MB 460-89296/1-A		10/13/2011 09:20	1	vf465528.d	CLP-2 0.53 (mm)
MB 460-89296/1-A		10/13/2011 09:20	1	vr465528.d	CLP-1 0.53 (mm)
LCS 460-89296/2-A		10/13/2011 09:36	1	vf465529.d	CLP-2 0.53 (mm)
LCS 460-89296/2-A		10/13/2011 09:36	1	vr465529.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 09:51	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 09:51	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:07	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:07	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:23	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:23	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:38	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:38	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 10:54	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 10:54	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:10	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:10	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:25	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:25	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 11:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 11:56	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 12:12	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 12:12	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 12:27	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 12:27	1		CLP-1 0.53 (mm)
460-32001-C-12-C MS		10/13/2011 12:43	1	vf465541.d	CLP-2 0.53 (mm)
460-32001-C-12-C MS		10/13/2011 12:43	1	vr465541.d	CLP-1 0.53 (mm)
460-32001-C-12-D MSD		10/13/2011 12:59	1	vf465542.d	CLP-2 0.53 (mm)
460-32001-C-12-D MSD		10/13/2011 12:59	1	vr465542.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 13:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 13:14	1		CLP-1 0.53 (mm)
CCV 460-89405/21		10/13/2011 13:30	1	vf465544.d	CLP-2 0.53 (mm)
CCV 460-89405/21		10/13/2011 13:30	1	vr465544.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 10/13/2011 13:46Analysis Batch Number: 89520 End Date: 10/13/2011 16:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/13/2011 13:46	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 13:46	1		CLP-1 0.53 (mm)
CCVRT 460-89520/2		10/13/2011 14:01	1	vf465546.d	CLP-2 0.53 (mm)
CCVRT 460-89520/2		10/13/2011 14:01	1	vr465546.d	CLP-1 0.53 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 14:17	1	vf465547.d	CLP-2 0.53 (mm)
460-32128-6	SO-17338-100411-MM-13 1	10/13/2011 14:17	1	vr465547.d	CLP-1 0.53 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 14:32	1	vf465548.d	CLP-2 0.53 (mm)
460-32128-7	SO-17338-100411-MM-13 2	10/13/2011 14:32	1	vr465548.d	CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 14:48	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 14:48	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 15:04	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 15:04	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 15:20	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 15:20	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 15:35	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 15:35	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 15:51	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 15:51	1		CLP-1 0.53 (mm)
ZZZZZ		10/13/2011 16:07	1		CLP-2 0.53 (mm)
ZZZZZ		10/13/2011 16:07	1		CLP-1 0.53 (mm)
CCV 460-89520/11		10/13/2011 16:22	1	vf465555.d	CLP-2 0.53 (mm)
CCV 460-89520/11		10/13/2011 16:22	1	vr465555.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b

Date Generated: 09/29/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/29/11 1100	VR464908	1	HEXANE	29sep11a		15	10	1	SAMPLE	-	-
09/29/11 1116	VR464909	2	HEXANE	29sep11a		15	10	1	SAMPLE	-	-
09/29/11 1132	VR464910	3	SGPBLK_00008	29sep11a		15	10	1	INSTBLANK	-	-
09/29/11 1147	VR464911	4	SG160L3_00013	29sep11a		15	10	1	SAMPLE	-	long ref using
09/29/11 1203	VR464912	5	SG160L1_00010	29sep11a		15	10	1	SAMPLE	-	-
09/29/11 1219	VR464913	6	IC-SG160L1_00010			0	0	1	CALIB_1	-	updated
09/29/11 1234	VR464914	7	IC-SG160L2_00010			0	0	1	CALIB_2	-	-
09/29/11 1250	VR464915	8	IC-SG160L3_00013			0	0	1	CALIB_3	-	-
09/29/11 1306	VR464916	9	IC-SG160L4_00010			0	0	1	CALIB_4	-	-
09/29/11 1321	VR464917	10	IC-SG160L5_00010			0	0	1	CALIB_5	-	-
09/29/11 1337	VR464918	11	IC-SG122L3_00012			0	0	1	CALIB_3	-	updated
09/29/11 1353	VR464919	12	IC-SG123L3_00011			0	0	1	CALIB_3	-	-
09/29/11 1408	VR464920	13	IC-SG124L3_00011			0	0	1	CALIB_3	-	-
09/29/11 1424	VR464921	14	IC-SG124L3_00011			0	0	1	CALIB_3	-	-

Talks to batch, 877766

Batch
a-29-11

Done
a/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b

Date Generated: 09/29/2011
Page 2

Ready batch. 87766

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/29/11 1439	vr464922	15	IC-SG1254L3_00011	-	-	0	0	1	CALIB_3	-	updated
09/29/11 1455	vr464923	16	IC-SG1262L3_00010	-	-	0	0	1	CALIB_3	-	
09/29/11 1510	vr464924	17	IC-SG1268L3_00011	-	-	0	0	1	CALIB_3	-	
09/29/11 1526	vr464925	18	SGPCBICV_00008	-	-	1000	5	1	BS	-	4

Signed: h Read and Understood by: D

Date: 9-29-11

Date: 9/29/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b

Date Generated: 10/13/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/11/11 1512	vr465423	22	CCVRTSG166013_00013			0	0	1	CCALIB_3		
10/11/11 1649	vr465424	1	460-31736-C-1-H	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1705	vr465425	2	460-31736-C-2-D	460-88999	10/11/11 15	10		1	SAMPLE		4200
10/11/11 1720	vr465426	3	460-31736-C-12-C	460-88999	10/11/11 15	10		1	SAMPLE		4200
10/11/11 1736	vr465427	4	460-31736-C-13-C	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1752	vr465428	5	460-31736-C-14-C	460-88999	10/11/11 15.1	10		1	SAMPLE		4200
10/11/11 1808	vr465429	6	460-31736-C-15-C	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1824	vr465430	7	460-31736-C-16-H	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1840	vr465431	8	460-31736-C-23-F	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1856	vr465432	9	460-31962-A-1-B	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1912	vr465433	10	460-31962-A-2-B	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1928	vr465434	11	460-31962-A-3-B	460-88999	10/11/11 15.1	10		1	SAMPLE		4200
10/11/11 1943	vr465435	12	460-31962-A-4-B	460-88999	10/11/11 15.0	10		1	SAMPLE		4200
10/11/11 1959	vr465436	13	HEXANE	11oct11c	15	10		1	SAMPLE		

10-13-11

10-13-11

Table B.1.1 89331

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-11-11/11oct11c.b

Date Generated: 10/13/2011

Page 2

Tally is clear 89331

Date	Data File	ALS	Sample ID	IPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/11/11 2015	VR465437	14	HEXANE	11oct11c	-	15	10	1	SAMPLE	-	-
10/11/11 2031	VR465438	15	MB 460-89000/1-A	11oct11c	-	15	10	1	BLANK	-	4229
10/11/11 2047	VR465439	16	LCS 460-89000/2-A	-	-	15	10	1	BS	-	4
10/11/11 2103	VR465440	17	460-32128-D-13-C	460-89000	10/11/11	15.0	10	1	SAMPLE	-	4229
10/11/11 2118	VR465441	18	460-32128-D-13-A MS	11oct11c	-	15	10	1	MS	-	4
10/11/11 2134	VR465442	19	460-32128-D-13-B SD	11oct11c	-	15	10	1	MSD	-	4
10/11/11 2150	VR465443	20	460-32106-A-1-C	460-89000	10/11/11	15	10	1	SAMPLE	-	4229
10/11/11 2206	VR465444	21	460-32192-A-1-A	460-89000	10/11/11	15.0	10	1	SAMPLE	-	41260
10/11/11 2222	VR465445	22	460-32192-A-2-A	460-89000	10/11/11	15.0	10	1	SAMPLE	-	41260
10/11/11 2247	VR465446	23	SGPIBLK_00008	11oct11c	-	15	10	1	INSTBLANK	-	4229
10/11/11 2303	VR465447	24	CCV-SG1660L3_00013	-	10	0	0	1	CCALIB_3	-	41260

Signed: hsk H Read and Understood by: S

Date: 10-13-11

Date: 10-13-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b

Date Generated: 10/13/2011
Page 1

Date	Data File	AIS	Sample ID	LFB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/13/11 0817	VR465524	1	HEXANE	13oct11a		15	10	1	SAMPLE	-	-
10/13/11 0833	VR465525	2	SGPIBLK_00008	13oct11a		15	10	1	INSTBLANK	-	Q20
10/13/11 0849	VR465526	3	CCVRTSG1660L3_00013			0	0	1	CCALIB_3	-	Q20 Q2415
10/13/11 0904	VR465527	4	HEXANE	13oct11a		15	10	1	SAMPLE	-	-
10/13/11 0920	VR465528	5	MB 460-89296/1-A	13oct11a		15	10	1	BLANK	-	Q20
10/13/11 0936	VR465529	6	LCS 460-89296/2-A			15	10	1	BS	-	Q20
10/13/11 0951	VR465530	7	460-32001-C-12-E	460-89296	10/13/11	15	10	1	SAMPLE	-	Q1260
10/13/11 1007	VR465531	8	460-32326-A-1-A	460-89296	10/13/11	15	10	1	SAMPLE	-	Q1260
10/13/11 1023	VR465532	9	460-32326-A-2-A	460-89296	10/13/11	15	10	1	SAMPLE	-	Q1260
10/13/11 1038	VR465533	10	460-32328-A-1-A	460-89296	10/13/11	15	10	1	SAMPLE	-	Q20
10/13/11 1054	VR465534	11	460-32331-A-1-A	460-89296	10/13/11	15	10	1	SAMPLE	-	Q20
10/13/11 1110	VR465535	12	460-32331-A-2-A	460-89296	10/13/11	15.0	10	1	SAMPLE	-	Q20
10/13/11 1125	VR465536	13	460-32331-A-3-A	460-89296	10/13/11	15.0	10	1	SAMPLE	-	Q20
10/13/11 1141	VR465537	14	460-32331-A-4-A	460-89296	10/13/11	15.0	10	1	SAMPLE	-	Q20

10-13-11

Tally Bad-CA: 89405

10/13/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11a.b

Date Generated: 10/13/2011
Page 2

Tals Rater 189405

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL/ FAC	SampleType	LOT	COMMENTS
10/13/11	1156 vr465538	15	460-32331-A-5-A	460-89296	10/13/11	15.0	10	1	SAMPLE	-	400
10/13/11	1212 vr465539	16	460-32331-A-6-A	460-89296	10/13/11	15.0	10	1	SAMPLE	-	400
10/13/11	1227 vr465540	17	460-32331-A-7-A	460-89296	10/13/11	15	10	1	SAMPLE	-	400
10/13/11	1243 vr465541	18	460-32001-C-12-C MS	13oct11a	-	15	10	1	MS	-	4
10/13/11	1259 vr465542	19	460-32001-C-12-D SD	13oct11a	-	15	10	1	MSD	-	4
10/13/11	1314 vr465543	20	SGPIBLK_00008	13oct11a	-	15	10	1	INSTBLANK	-	400
10/13/11	1330 vr465544	21	CCV-SG1660L3_00013	-	-	0	0	1	CCALIB_3	-	400

Signed: hsh Read and Understood by: Dmg

Date: 10-13-11 Date: 10/13/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-13-11/13oct11b.b

Date Generated: 10/14/2011

Page 1

Talks Baken: 89520

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/13/11	1346 vr465545	22	SGPIBLK_00008	13oct11b	-	15	10	1	INSTBLANK	-	4mg
10/13/11	1401 vr465546	23	CCVRTSG160L3_00013	-	-	0	0	1	CCALIB_3	-	4.261E
10/13/11	1417 vr465547	24	460-32128-D-6-C	460-89296	10/13/11	15.0	10	1	SAMPLE	-	4mg
10/13/11	1432 vr465548	25	460-32128-D-7-C	460-89296	10/13/11	15.0	10	1	SAMPLE	-	4mg
10/13/11	1448 vr465549	26	460-32263-A-11-B	460-89296	10/13/11	15	10	1	SAMPLE	-	4.1260
10/13/11	1504 vr465550	27	460-32263-A-12-B	460-89296	10/13/11	15	10	1	SAMPLE	-	4mg
10/13/11	1520 vr465551	28	460-32263-A-13-B	460-89296	10/13/11	15.0	10	1	SAMPLE	-	4.1260
10/13/11	1535 vr465552	29	460-32263-A-14-B	460-89296	10/13/11	15.1	10	1	SAMPLE	-	4mg
10/13/11	1551 vr465553	30	460-32263-A-15-B	460-89296	10/13/11	15	10	1	SAMPLE	-	4.1260
10/13/11	1607 vr465554	31	SGPIBLK_00008	13oct11b	-	15	10	1	INSTBLANK	-	4mg
10/13/11	1622 vr465555	32	CCV-SG1660L3_00013	-	-	0	0	1	CCALIB_3	-	4.261E

Signed: *hst*

Read and Understood by: *hst*

Date: 10-14-11

Date: 10/14/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89000 Batch Start Date: 10/11/11 03:34 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/11/11 09:19

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PCBSP 00017	OPPSTPCBSU 00018	
MB 460-89000/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-89000/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-32128-D-13 MS	FB-17338-100411- MM-138	3541, 8082	T	15.04 g	10 mL	75	50 uL	50 uL	
460-32128-D-13 MSD	FB-17338-100411- MM-138	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-32128-D-13	FB-17338-100411- MM-138	3541, 8082	T	15.02 g	10 mL	78		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k03051
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	9:19am
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	3:34am
TBA Lot #	op202

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89296 Batch Start Date: 10/13/11 03:00 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/13/11 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00017	OPPSTPCBSU 00018	
MB 460-89296/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-89296/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-32001-C-12 MS		3541, 8082	T	15.02 g	10 mL	75	50 uL	50 uL	
460-32001-C-12 MSD		3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-32128-D-6	SO-17338-100411-MM-131	3541, 8082	T	15.04 g	10 mL	78		50 uL	
460-32128-D-7	SO-17338-100411-MM-132	3541, 8082	T	15.02 g	10 mL	79		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k03051
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	8:20am
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jos es
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	3am
TBA Lot #	op202

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-32128-1

SDG No.: _____

Project: Former GM

Client Sample ID

SO-17338-100411-MM-131

SO-17338-100411-MM-132

FB-17338-100411-MM-138

Lab Sample ID

460-32128-6

460-32128-7

460-32128-13

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100411-MM-131

Lab Sample ID: 460-32128-6

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/04/2011 10:15

Reporting Basis: DRY

Date Received: 10/05/2011 18:40

% Solids: 83.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7890	45.0	16.5	mg/Kg			4	6010B
7440-36-0	Antimony	2.2	2.2	0.99	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.6	1.1	0.78	mg/Kg			4	6010B
7440-39-3	Barium	48.0	45.0	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	0.81	0.45	0.20	mg/Kg			4	6010B
7440-43-9	Cadmium	1.1	1.1	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	7300	1120	29.6	mg/Kg			4	6010B
7440-47-3	Chromium	24.4	2.2	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	6.9	11.2	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	4.4	5.6	0.92	mg/Kg	J		4	6010B
7439-89-6	Iron	20200	33.7	11.9	mg/Kg			4	6010B
7439-92-1	Lead	4.7	1.1	0.56	mg/Kg			4	6010B
7439-95-4	Magnesium	4500	1120	11.9	mg/Kg			4	6010B
7439-96-5	Manganese	84.6	3.4	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	7.7	9.0	0.60	mg/Kg	J		4	6010B
7440-09-7	Potassium	186	1120	50.7	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.2	2.2	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.2	2.2	0.17	mg/Kg	U		4	6010B
7440-23-5	Sodium	127	1120	69.0	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.2	2.2	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	29.7	11.2	0.58	mg/Kg			4	6010B
7440-66-6	Zinc	33.5	6.7	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.038	0.038	0.025	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-100411-MM-132

Lab Sample ID: 460-32128-7

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/04/2011 10:20

Reporting Basis: DRY

Date Received: 10/05/2011 18:40

% Solids: 81.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	8000	47.2	17.3	mg/Kg			4	6010B
7440-36-0	Antimony	2.4	2.4	1.0	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.5	1.2	0.82	mg/Kg			4	6010B
7440-39-3	Barium	47.6	47.2	1.4	mg/Kg			4	6010B
7440-41-7	Beryllium	1.1	0.47	0.21	mg/Kg			4	6010B
7440-43-9	Cadmium	1.2	1.2	0.18	mg/Kg	U		4	6010B
7440-70-2	Calcium	3650	1180	31.0	mg/Kg			4	6010B
7440-47-3	Chromium	24.6	2.4	1.4	mg/Kg			4	6010B
7440-48-4	Cobalt	6.0	11.8	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	5.2	5.9	0.96	mg/Kg	J		4	6010B
7439-89-6	Iron	25200	35.4	12.5	mg/Kg			4	6010B
7439-92-1	Lead	4.8	1.2	0.59	mg/Kg			4	6010B
7439-95-4	Magnesium	2500	1180	12.5	mg/Kg			4	6010B
7439-96-5	Manganese	98.0	3.5	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	7.9	9.4	0.63	mg/Kg	J		4	6010B
7440-09-7	Potassium	172	1180	53.3	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-22-4	Silver	2.4	2.4	0.18	mg/Kg	U		4	6010B
7440-23-5	Sodium	126	1180	72.5	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.4	2.4	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	28.4	11.8	0.61	mg/Kg			4	6010B
7440-66-6	Zinc	36.1	7.1	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.039	0.039	0.026	mg/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-17338-100411-MM-138

Lab Sample ID: 460-32128-13

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

SDG ID.:

Matrix: Solid

Date Sampled: 10/04/2011 12:30

Reporting Basis: DRY

Date Received: 10/05/2011 18:40

% Solids: 100.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	174	39.6	14.5	mg/Kg			4	6010B
7440-36-0	Antimony	2.0	2.0	0.87	mg/Kg	U		4	6010B
7440-38-2	Arsenic	0.99	0.99	0.69	mg/Kg	U		4	6010B
7440-39-3	Barium	39.6	39.6	1.2	mg/Kg	U		4	6010B
7440-41-7	Beryllium	0.40	0.40	0.17	mg/Kg	U		4	6010B
7440-43-9	Cadmium	0.99	0.99	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	33.4	990	26.0	mg/Kg	J		4	6010B
7440-47-3	Chromium	1.6	2.0	1.2	mg/Kg	J		4	6010B
7440-48-4	Cobalt	9.9	9.9	1.2	mg/Kg	U		4	6010B
7440-50-8	Copper	5.0	5.0	0.81	mg/Kg	U		4	6010B
7439-89-6	Iron	1190	29.7	10.5	mg/Kg			4	6010B
7439-92-1	Lead	0.64	0.99	0.50	mg/Kg	J		4	6010B
7439-95-4	Magnesium	21.9	990	10.5	mg/Kg	J		4	6010B
7439-96-5	Manganese	3.0	3.0	1.1	mg/Kg	U		4	6010B
7440-02-0	Nickel	7.9	7.9	0.53	mg/Kg	U		4	6010B
7440-09-7	Potassium	990	990	44.7	mg/Kg	U		4	6010B
7782-49-2	Selenium	2.0	2.0	0.93	mg/Kg	U		4	6010B
7440-22-4	Silver	2.0	2.0	0.15	mg/Kg	U		4	6010B
7440-23-5	Sodium	990	990	60.8	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.0	2.0	0.96	mg/Kg	U		4	6010B
7440-62-2	Vanadium	1.6	9.9	0.51	mg/Kg	J		4	6010B
7440-66-6	Zinc	5.9	5.9	0.97	mg/Kg	U		4	6010B
7439-97-6	Mercury	0.033	0.033	0.022	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCV_T2_00036 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00036

Analyte	ICV 460-89297/5 10/12/2011 17:57				CCV 460-89297/41 10/12/2011 23:00				CCV 460-89297/53 10/13/2011 00:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124800		125000	100	123700		125000	99	123700		125000	99
Antimony	995.9		1000	100	992.9		1000	99	996.3		1000	100
Arsenic	4978		5000	100	4929		5000	99	4937		5000	99
Barium	9949		10000	99	9978		10000	100	10010		10000	100
Beryllium	993.8		1000	99	989.9		1000	99	993.8		1000	99
Cadmium	2479		2500	99	2392		2500	96	2396		2500	96
Calcium	124700		125000	100	122500		125000	98	122600		125000	98
Chromium	4976		5000	100	4899		5000	98	4911		5000	98
Cobalt	2484		2500	99	2453		2500	98	2460		2500	98
Copper	12420		12500	99	12210		12500	98	12240		12500	98
Iron	99360		100000	99	98770		100000	99	99050		100000	99
Lead	9938		10000	99	9598		10000	96	9606		10000	96
Magnesium	124500		125000	100	122400		125000	98	122600		125000	98
Manganese	4962		5000	99	4841		5000	97	4855		5000	97
Nickel	2480		2500	99	2406		2500	96	2410		2500	96
Potassium	48410		50000	97	48690		50000	97	48870		50000	98
Selenium	4963		5000	99	4915		5000	98	4926		5000	99
Silver	1240		1250	99	1232		1250	99	1235		1250	99
Sodium	122600		125000	98	122900		125000	98	122700		125000	98
Thallium	4950		5000	99	4846		5000	97	4858		5000	97
Vanadium	2486		2500	99	2436		2500	97	2442		2500	98
Zinc	2466		2500	99	2364		2500	95	2373		2500	95

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.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCV_T2_00036 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00036

Analyte	CCV 460-89297/65 10/13/2011 01:30				CCV 460-89297/71 10/13/2011 02:08							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	123000		125000	98	123300		125000	99				
Antimony	991.1		1000	99	1004		1000	100				
Arsenic	4905		5000	98	4936		5000	99				
Barium	9983		10000	100	10010		10000	100				
Beryllium	985.5		1000	99	985.3		1000	99				
Cadmium	2365		2500	95	2378		2500	95				
Calcium	121400		125000	97	121300		125000	97				
Chromium	4868		5000	97	4865		5000	97				
Cobalt	2440		2500	98	2439		2500	98				
Copper	12160		12500	97	12190		12500	98				
Iron	98410		100000	98	98290		100000	98				
Lead	9493		10000	95	9476		10000	95				
Magnesium	121900		125000	98	122100		125000	98				
Manganese	4808		5000	96	4807		5000	96				
Nickel	2382		2500	95	2398		2500	96				
Potassium	48750		50000	97	49000		50000	98				
Selenium	4897		5000	98	4905		5000	98				
Silver	1228		1250	98	1231		1250	98				
Sodium	122100		125000	98	122500		125000	98				
Thallium	4795		5000	96	4845		5000	97				
Vanadium	2420		2500	97	2420		2500	97				
Zinc	2331		2500	93	2342		2500	94				

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.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCv_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCv_T2_00038

Analyte	ICV 460-89418/5 10/13/2011 04:18				CCV 460-89418/63 10/13/2011 16:43				CCV 460-89418/68 10/13/2011 17:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Antimony	1002		1000	100	1028		1000	103	1019		1000	102
<i>Aluminum</i>	125500		125000	100	127500		125000	102	126600		125000	101
<i>Arsenic</i>	4993		5000	100	5128		5000	103	5064		5000	101
<i>Barium</i>	9984		10000	100	10170		10000	102	10070		10000	101
<i>Beryllium</i>	998.4		1000	100	998.2		1000	100	988.7		1000	99
<i>Cadmium</i>	2505		2500	100	2583		2500	103	2561		2500	102
<i>Calcium</i>	125600		125000	100	126500		125000	101	125100		125000	100
<i>Chromium</i>	5006		5000	100	5117		5000	102	5062		5000	101
<i>Cobalt</i>	2501		2500	100	2541		2500	102	2516		2500	101
<i>Copper</i>	12500		12500	100	12800		12500	102	12700		12500	102
<i>Iron</i>	99970		100000	100	99420		100000	99	98380		100000	98
<i>Lead</i>	10010		10000	100	10410		10000	104	10300		10000	103
<i>Magnesium</i>	125300		125000	100	128600		125000	103	127500		125000	102
<i>Manganese</i>	4996		5000	100	5212		5000	104	5154		5000	103
<i>Nickel</i>	2510		2500	100	2588		2500	104	2565		2500	103
<i>Potassium</i>	48790		50000	98	49240		50000	98	48730		50000	97
<i>Selenium</i>	5010		5000	100	5200		5000	104	5132		5000	103
<i>Silver</i>	1252		1250	100	1266		1250	101	1254		1250	100
<i>Sodium</i>	123800		125000	99	124000		125000	99	123100		125000	99
<i>Thallium</i>	5018		5000	100	5196		5000	104	5141		5000	103
<i>Vanadium</i>	2501		2500	100	2553		2500	102	2528		2500	101
<i>Zinc</i>	2502		2500	100	2587		2500	103	2554		2500	102

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.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00039 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00039

Analyte	ICV 460-89642/6 10/15/2011 03:10				CCV 460-89642/18 10/15/2011 03:53				CCV 460-89642/30 10/15/2011 04:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126500		125000	101	126100		125000	101	126000		125000	101
Antimony	1011		1000	101	1020		1000	102	1015		1000	102
Arsenic	2496		2500	100	2515		2500	101	2517		2500	101
Barium	10190		10000	102	10230		10000	102	10200		10000	102
Beryllium	1011		1000	101	1014		1000	101	1014		1000	101
Cadmium	1272		1250	102	1279		1250	102	1276		1250	102
Calcium	128100		125000	102	128700		125000	103	128900		125000	103
Chromium	5130		5000	103	5162		5000	103	5158		5000	103
Cobalt	2523		2500	101	2534		2500	101	2523		2500	101
Copper	12660		12500	101	12690		12500	102	12690		12500	102
Iron	102200		100000	102	102800		100000	103	102500		100000	103
Lead	7620		7500	102	7660		7500	102	7634		7500	102
Magnesium	126400		125000	101	127500		125000	102	127400		125000	102
Manganese	5200		5000	104	5259		5000	105	5268		5000	105
Nickel	2555		2500	102	2569		2500	103	2560		2500	102
Potassium	49960		50000	100	50460		50000	101	50480		50000	101
Selenium	2454		2500	98	2469		2500	99	2475		2500	99
Silver	1255		1250	100	1261		1250	101	1256		1250	100
Sodium	124800		125000	100	124200		125000	99	124000		125000	99
Thallium	2577		2500	103	2590		2500	104	2588		2500	104
Vanadium	2534		2500	101	2548		2500	102	2539		2500	102
Zinc	2518		2500	101	2531		2500	101	2521		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.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00039 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00039

Analyte	CCV 460-89642/42 10/15/2011 05:19											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126500		125000	101								
Antimony	1011		1000	101								
Arsenic	2494		2500	100								
Barium	10150		10000	102								
Beryllium	1013		1000	101								
Cadmium	1267		1250	101								
Calcium	128700		125000	103								
Chromium	5125		5000	103								
Cobalt	2509		2500	100								
Copper	12710		12500	102								
Iron	101900		100000	102								
Lead	7579		7500	101								
Magnesium	126400		125000	101								
Manganese	5221		5000	104								
Nickel	2541		2500	102								
Potassium	50340		50000	101								
Selenium	2443		2500	98								
Silver	1255		1250	100								
Sodium	124600		125000	100								
Thallium	2571		2500	103								
Vanadium	2530		2500	101								
Zinc	2505		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.: 460-32128-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00039 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00039

Analyte	ICV 460-89684/6 10/16/2011 15:18				CCV 460-89684/18 10/16/2011 16:01							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Calcium	122700		125000	98	122000		125000	98				
Zinc	2413		2500	97	2393		2500	96				
<i>Aluminum</i>	119700		125000	96	119100		125000	95				
<i>Antimony</i>	954.0		1000	95	947.9		1000	95				
<i>Arsenic</i>	2365		2500	95	2353		2500	94				
<i>Barium</i>	9662		10000	97	9596		10000	96				
<i>Beryllium</i>	965.8		1000	97	960.9		1000	96				
<i>Cadmium</i>	1205		1250	96	1197		1250	96				
<i>Chromium</i>	4837		5000	97	4854		5000	97				
<i>Cobalt</i>	2407		2500	96	2384		2500	95				
<i>Copper</i>	12050		12500	96	12000		12500	96				
<i>Iron</i>	96970		100000	97	97160		100000	97				
<i>Lead</i>	7266		7500	97	7195		7500	96				
<i>Magnesium</i>	121100		125000	97	121900		125000	98				
<i>Manganese</i>	4893		5000	98	4943		5000	99				
<i>Nickel</i>	2419		2500	97	2399		2500	96				
<i>Potassium</i>	47900		50000	96	47750		50000	96				
<i>Selenium</i>	2365		2500	95	2350		2500	94				
<i>Silver</i>	1185		1250	95	1188		1250	95				
<i>Sodium</i>	120500		125000	96	118900		125000	95				
<i>Thallium</i>	2449		2500	98	2409		2500	96				
<i>Vanadium</i>	2397		2500	96	2402		2500	96				

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.: 460-32128-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00342 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00342

Analyte	ICV 460-89128/7-A 10/11/2011 20:20				CCV 460-89128/8-A 10/11/2011 20:46				CCV 460-89128/8-A 10/11/2011 21:11			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	846.7		833	102	881.7		833	106	873.3		833	105

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.: 460-32128-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00342 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00342

Analyte	CCV 460-89128/8-A 10/11/2011 21:25											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	845.0		833	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.: 460-32128-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00343 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00343

Analyte	ICV 460-89271/7-A 10/12/2011 20:24				CCV 460-89271/8-A 10/12/2011 20:47				CCV 460-89271/8-A 10/12/2011 21:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	853.3		833	102	920.0		833	110	898.3		833	108

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00343 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00343

Analyte	CCV 460-89271/8-A 10/12/2011 21:29											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	851.7		833	102								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Concentration Units: ug/L

Analyte	RL	ICB 460-89297/6 10/12/2011 18:03		CCB 460-89297/42 10/12/2011 23:07		CCB 460-89297/54 10/13/2011 00:21		CCB 460-89297/66 10/13/2011 01:37	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	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.: 460-32128-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-89297/72 10/13/2011 02:14							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U						
Antimony	10.0	10.0	U						
Arsenic	5.0	5.0	U						
Barium	200	200	U						
Beryllium	2.0	2.0	U						
Cadmium	5.0	5.0	U						
Calcium	5000	5000	U						
Chromium	10.0	10.0	U						
Cobalt	50.0	50.0	U						
Copper	25.0	25.0	U						
Iron	150	150	U						
Lead	5.0	5.0	U						
Magnesium	5000	5000	U						
Manganese	15.0	15.0	U						
Nickel	40.0	40.0	U						
Potassium	5000	5000	U						
Selenium	10.0	10.0	U						
Silver	10.0	10.0	U						
Sodium	5000	5000	U						
Thallium	10.0	5.86	J						
Vanadium	50.0	50.0	U						
Zinc	30.0	30.0	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Concentration Units: ug/L

Analyte	RL	ICB 460-89418/6 10/13/2011 04:25		CCB 460-89418/64 10/13/2011 16:49		CCB 460-89418/69 10/13/2011 17:20			
		Found	C	Found	C	Found	C	Found	C
Antimony	10.0	10.0	U	10.0	U	10.0	U		
<i>Aluminum</i>	200	200	U	200	U	200	U		
<i>Arsenic</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Barium</i>	200	200	U	200	U	200	U		
<i>Beryllium</i>	2.0	2.0	U	2.0	U	2.0	U		
<i>Cadmium</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Calcium</i>	5000	5000	U	5000	U	5000	U		
<i>Chromium</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Cobalt</i>	50.0	50.0	U	50.0	U	50.0	U		
<i>Copper</i>	25.0	25.0	U	25.0	U	25.0	U		
<i>Iron</i>	150	150	U	150	U	150	U		
<i>Lead</i>	5.0	5.0	U	5.0	U	5.0	U		
<i>Magnesium</i>	5000	5000	U	5000	U	5000	U		
<i>Manganese</i>	15.0	15.0	U	15.0	U	15.0	U		
<i>Nickel</i>	40.0	40.0	U	40.0	U	40.0	U		
<i>Potassium</i>	5000	5000	U	5000	U	5000	U		
<i>Selenium</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Silver</i>	10.0	1.00	J	10.0	U	10.0	U		
<i>Sodium</i>	5000	5000	U	5000	U	5000	U		
<i>Thallium</i>	10.0	10.0	U	10.0	U	10.0	U		
<i>Vanadium</i>	50.0	50.0	U	50.0	U	50.0	U		
<i>Zinc</i>	30.0	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.: 460-32128-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-89642/7 10/15/2011 03:13		CCB 460-89642/19 10/15/2011 03:56		CCB 460-89642/31 10/15/2011 04:39		CCB 460-89642/43 10/15/2011 05:22	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	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	3.75	J	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.: 460-32128-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-89684/7 10/16/2011 15:22		CCB 460-89684/19 10/16/2011 16:05					
		Found	C	Found	C	Found	C	Found	C
Calcium	5000	5000	U	5000	U				
Zinc	30.0	30.0	U	30.0	U				
<i>Aluminum</i>	200	200	U	200	U				
<i>Antimony</i>	10.0	10.0	U	10.0	U				
<i>Arsenic</i>	5.0	5.0	U	5.0	U				
<i>Barium</i>	200	200	U	200	U				
<i>Beryllium</i>	2.0	2.0	U	2.0	U				
<i>Cadmium</i>	5.0	5.0	U	5.0	U				
<i>Chromium</i>	10.0	10.0	U	10.0	U				
<i>Cobalt</i>	50.0	50.0	U	50.0	U				
<i>Copper</i>	25.0	25.0	U	25.0	U				
<i>Iron</i>	150	150	U	150	U				
<i>Lead</i>	5.0	5.0	U	5.0	U				
<i>Magnesium</i>	5000	5000	U	5000	U				
<i>Manganese</i>	15.0	15.0	U	15.0	U				
<i>Nickel</i>	40.0	40.0	U	40.0	U				
<i>Potassium</i>	5000	5000	U	5000	U				
<i>Selenium</i>	10.0	10.0	U	10.0	U				
<i>Silver</i>	10.0	10.0	U	10.0	U				
<i>Sodium</i>	5000	5000	U	5000	U				
<i>Thallium</i>	10.0	10.0	U	10.0	U				
<i>Vanadium</i>	50.0	50.0	U	50.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-89139/8 10/11/2011 20:23		CCB 460-89139/20 10/11/2011 20:48		CCB 460-89139/32 10/11/2011 21:13		CCB 460-89139/39 10/11/2011 21:27	
		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
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-89287/8 10/12/2011 20:26		CCB 460-89287/20 10/12/2011 20:49		CCB 460-89287/32 10/12/2011 21:15		CCB 460-89287/39 10/12/2011 21:31	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-89155/1-A ^2
 Instrument Code: ICP2 Batch No.: 89297

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	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.: 460-32128-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-89155/1-A ^2
Instrument Code: ICP2 Batch No.: 89418

CAS No.	Analyte	Concentration	C	Q	Method
7440-36-0	Antimony	1.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-89479/1-A ^2
 Instrument Code: ICP4 Batch No.: 89642

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.: 460-32128-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-89128/10-A
Instrument Code: LEEMAN5 Batch No.: 89139

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-89271/10-A
Instrument Code: LEEMAN5 Batch No.: 89287

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-89297/7 Instrument ID: ICP2
 Lab File ID: 89211V1 ICS Source: ME_T2_ICSA_00030
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	477663	96
Antimony		2.29	
Arsenic		1.43	
Barium		2.84	
Beryllium		-0.140	
Cadmium		-0.369	
Calcium	500000	458962	92
Chromium		-3.20	
Cobalt		1.37	
Copper		1.83	
Iron	200000	196847	98
Lead		0.131	
Magnesium	500000	519044	104
Manganese		-6.47	
Nickel		1.19	
Potassium		-4.74	
Selenium		2.79	
Silver		0.392	
Sodium		-871	
Thallium		-7.77	
Vanadium		2.84	
Zinc		8.54	
<i>Boron</i>		<i>-1.90</i>	
<i>Molybdenum</i>		<i>-3.81</i>	
<i>Tin</i>		<i>4.68</i>	
<i>Titanium</i>		<i>-1.57</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-89297/8 Instrument ID: ICP2
 Lab File ID: 89211V1 ICS Source: ME_T2_ICAB_00031
 Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Aluminum	500000	482678	97
Antimony	100	110	110
Arsenic	100	106	106
Barium	100	110	110
Beryllium	100	105	105
Cadmium	100	102	102
Calcium	500000	462992	93
Chromium	100	98.9	99
Cobalt	100	103	103
Copper	100	111	111
Iron	200000	198465	99
Lead	100	101	101
Magnesium	500000	524326	105
Manganese	100	98.3	98
Nickel	100	102	102
Potassium	10000	9944	99
Selenium	100	103	103
Silver	100	107	107
Sodium	10000	9534	95
Thallium	100	97.3	97
Vanadium	100	105	105
Zinc	100	108	108
<i>Boron</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Molybdenum</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Tin</i>	<i>100</i>	<i>106</i>	<i>106</i>
<i>Titanium</i>	<i>100</i>	<i>104</i>	<i>104</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-89418/7 Instrument ID: ICP2
 Lab File ID: 89157V1 ICS Source: ME_T2_ICSA_00031
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Antimony		-0.965	
<i>Aluminum</i>	<i>500000</i>	<i>487568</i>	<i>98</i>
<i>Arsenic</i>		<i>1.45</i>	
<i>Barium</i>		<i>2.73</i>	
<i>Beryllium</i>		<i>-0.0949</i>	
<i>Boron</i>		<i>-2.12</i>	
<i>Cadmium</i>		<i>-0.466</i>	
<i>Calcium</i>	<i>500000</i>	<i>467873</i>	<i>94</i>
<i>Chromium</i>		<i>-2.72</i>	
<i>Cobalt</i>		<i>1.62</i>	
<i>Copper</i>		<i>2.90</i>	
<i>Iron</i>	<i>200000</i>	<i>200602</i>	<i>100</i>
<i>Lead</i>		<i>0.304</i>	
<i>Magnesium</i>	<i>500000</i>	<i>530704</i>	<i>106</i>
<i>Manganese</i>		<i>-6.42</i>	
<i>Molybdenum</i>		<i>-1.48</i>	
<i>Nickel</i>		<i>0.509</i>	
<i>Potassium</i>		<i>31.0</i>	
<i>Selenium</i>		<i>-2.11</i>	
<i>Silver</i>		<i>0.736</i>	
<i>Sodium</i>		<i>-318</i>	
<i>Thallium</i>		<i>-11.1</i>	
<i>Tin</i>		<i>0.938</i>	
<i>Titanium</i>		<i>-1.85</i>	
<i>Vanadium</i>		<i>3.46</i>	
<i>Zinc</i>		<i>6.74</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-89418/8 Instrument ID: ICP2
 Lab File ID: 89157V1 ICS Source: ME_T2_ICSAB_00001
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Antimony	100	112	112
<i>Aluminum</i>	<i>500000</i>	<i>480391</i>	<i>96</i>
<i>Arsenic</i>	<i>100</i>	<i>111</i>	<i>111</i>
<i>Barium</i>	<i>100</i>	<i>110</i>	<i>110</i>
<i>Beryllium</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Boron</i>	<i>100</i>	<i>104</i>	<i>104</i>
<i>Cadmium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Calcium</i>	<i>500000</i>	<i>462661</i>	<i>93</i>
<i>Chromium</i>	<i>100</i>	<i>98.7</i>	<i>99</i>
<i>Cobalt</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Copper</i>	<i>100</i>	<i>113</i>	<i>113</i>
<i>Iron</i>	<i>200000</i>	<i>198618</i>	<i>99</i>
<i>Lead</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Magnesium</i>	<i>500000</i>	<i>522584</i>	<i>104</i>
<i>Manganese</i>	<i>100</i>	<i>98.4</i>	<i>98</i>
<i>Molybdenum</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Nickel</i>	<i>100</i>	<i>99.7</i>	<i>100</i>
<i>Potassium</i>	<i>10000</i>	<i>10021</i>	<i>100</i>
<i>Selenium</i>	<i>100</i>	<i>97.0</i>	<i>97</i>
<i>Silver</i>	<i>100</i>	<i>107</i>	<i>107</i>
<i>Sodium</i>	<i>10000</i>	<i>9945</i>	<i>99</i>
<i>Thallium</i>	<i>100</i>	<i>90.8</i>	<i>91</i>
<i>Tin</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Titanium</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Vanadium</i>	<i>100</i>	<i>105</i>	<i>105</i>
<i>Zinc</i>	<i>100</i>	<i>107</i>	<i>107</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-89642/8 Instrument ID: ICP4
 Lab File ID: 10152011.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	499000	100
Antimony		-2.06	
Arsenic		-9.14	
Barium		2.51	
Beryllium		0.127	
Cadmium		-0.191	
Calcium	500000	453400	91
Chromium		3.60	
Cobalt		0.0257	
Copper		-5.29	
Iron	200000	196100	98
Lead		-2.45	
Magnesium	500000	509100	102
Manganese		0.0667	
Nickel		-0.748	
Potassium		-4.11	
Selenium		-0.191	
Silver		-0.305	
Sodium		-90.9	
Thallium		-7.94	
Vanadium		-1.48	
Zinc		-0.687	
Boron		-2.57	
Molybdenum		-2.85	
Strontium		15.7	
Tin		-0.230	
Titanium		1.77	

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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-89642/9 Instrument ID: ICP4
 Lab File ID: 10152011.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	499300	100
Antimony	100	94.7	95
Arsenic	100	91.6	92
Barium	100	99.8	100
Beryllium	100	100	100
Cadmium	100	94.3	94
Calcium	500000	454600	91
Chromium	100	104	104
Cobalt	100	94.8	95
Copper	100	98.4	98
Iron	200000	197300	99
Lead	100	90.9	91
Magnesium	500000	510900	102
Manganese	100	104	104
Nickel	100	93.7	94
Potassium	10000	10300	103
Selenium	100	94.8	95
Silver	100	106	106
Sodium	10000	10150	102
Thallium	100	84.1	84
Vanadium	100	98.6	99
Zinc	100	93.8	94
<i>Boron</i>	<i>100</i>	<i>92.7</i>	<i>93</i>
<i>Molybdenum</i>	<i>100</i>	<i>92.6</i>	<i>93</i>
<i>Strontium</i>	<i>100</i>	<i>117</i>	<i>117</i>
<i>Tin</i>	<i>100</i>	<i>89.9</i>	<i>90</i>
<i>Titanium</i>	<i>100</i>	<i>99.9</i>	<i>100</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-89684/8 Instrument ID: ICP4
 Lab File ID: duo101611.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Calcium	500000	447900	90
Zinc		-0.309	
<i>Aluminum</i>	<i>500000</i>	<i>487000</i>	<i>97</i>
<i>Antimony</i>		<i>-5.06</i>	
<i>Arsenic</i>		<i>-6.76</i>	
<i>Barium</i>		<i>3.40</i>	
<i>Beryllium</i>		<i>0.147</i>	
<i>Boron</i>		<i>-3.39</i>	
<i>Cadmium</i>		<i>0.268</i>	
<i>Chromium</i>		<i>4.19</i>	
<i>Cobalt</i>		<i>0.0294</i>	
<i>Copper</i>		<i>-3.12</i>	
<i>Iron</i>	<i>200000</i>	<i>192300</i>	<i>96</i>
<i>Lead</i>		<i>-4.71</i>	
<i>Magnesium</i>	<i>500000</i>	<i>496300</i>	<i>99</i>
<i>Manganese</i>		<i>0.0543</i>	
<i>Molybdenum</i>		<i>-3.01</i>	
<i>Nickel</i>		<i>-1.17</i>	
<i>Potassium</i>		<i>14.5</i>	
<i>Selenium</i>		<i>1.69</i>	
<i>Silver</i>		<i>-0.359</i>	
<i>Sodium</i>		<i>-74.3</i>	
<i>Strontium</i>		<i>15.2</i>	
<i>Thallium</i>		<i>-0.129</i>	
<i>Tin</i>		<i>0.669</i>	
<i>Titanium</i>		<i>3.89</i>	
<i>Vanadium</i>		<i>-1.80</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.: 460-32128-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-89684/9 Instrument ID: ICP4
 Lab File ID: duo101611.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Calcium	500000	449500	90
Zinc	100	92.6	93
<i>Aluminum</i>	<i>500000</i>	<i>487400</i>	<i>97</i>
<i>Antimony</i>	<i>100</i>	<i>92.7</i>	<i>93</i>
<i>Arsenic</i>	<i>100</i>	<i>88.8</i>	<i>89</i>
<i>Barium</i>	<i>100</i>	<i>98.4</i>	<i>98</i>
<i>Beryllium</i>	<i>100</i>	<i>98.0</i>	<i>98</i>
<i>Boron</i>	<i>100</i>	<i>90.1</i>	<i>90</i>
<i>Cadmium</i>	<i>100</i>	<i>93.6</i>	<i>94</i>
<i>Chromium</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Cobalt</i>	<i>100</i>	<i>92.9</i>	<i>93</i>
<i>Copper</i>	<i>100</i>	<i>93.0</i>	<i>93</i>
<i>Iron</i>	<i>200000</i>	<i>192700</i>	<i>96</i>
<i>Lead</i>	<i>100</i>	<i>85.3</i>	<i>85</i>
<i>Magnesium</i>	<i>500000</i>	<i>497400</i>	<i>99</i>
<i>Manganese</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Molybdenum</i>	<i>100</i>	<i>90.8</i>	<i>91</i>
<i>Nickel</i>	<i>100</i>	<i>92.0</i>	<i>92</i>
<i>Potassium</i>	<i>10000</i>	<i>10220</i>	<i>102</i>
<i>Selenium</i>	<i>100</i>	<i>90.5</i>	<i>90</i>
<i>Silver</i>	<i>100</i>	<i>103</i>	<i>103</i>
<i>Sodium</i>	<i>10000</i>	<i>9892</i>	<i>99</i>
<i>Strontium</i>	<i>100</i>	<i>114</i>	<i>114</i>
<i>Thallium</i>	<i>100</i>	<i>82.1</i>	<i>82</i>
<i>Tin</i>	<i>100</i>	<i>87.6</i>	<i>88</i>
<i>Titanium</i>	<i>100</i>	<i>98.7</i>	<i>99</i>
<i>Vanadium</i>	<i>100</i>	<i>95.7</i>	<i>96</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: 460-32001-D-7-N MS
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 80.1

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.216	0.041	U 0.208	104	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: 460-32001-D-7-O MS ^4
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 80.1

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	12100	8990	238	1307	75-125	4	6010B
Antimony	33.90	1.2 J	59.4	55	75-125	F	6010B
Arsenic	219.3	2.7	238	91	75-125		6010B
Barium	1043	711	238	140	75-125	F	6010B
Beryllium	6.11	0.40 J	5.94	96	75-125		6010B
Cadmium	8.04	2.3	5.94	97	75-125		6010B
Calcium	3708	1710	2380	84	75-125		6010B
Chromium	55.14	34.1	23.8	89	75-125		6010B
Cobalt	62.04	6.1 J	59.4	94	75-125		6010B
Copper	38.94	11.3	29.7	93	75-125		6010B
Iron	10980	10000	119	794	75-125	4	6010B
Lead	109.1	113	59.4	-7	75-125	F	6010B
Magnesium	4545	2470	2380	87	75-125		6010B
Manganese	142.8	78.2	59.4	109	75-125		6010B
Nickel	66.78	11.0	59.4	94	75-125		6010B
Potassium	2910	686 J	2380	94	75-125		6010B
Selenium	210.4	2.4 U	238	89	75-125		6010B
Silver	5.50	2.4 U	5.94	93	75-125		6010B
Sodium	2137	1200 U	2380	90	75-125		6010B
Thallium	215.3	2.4 U	238	91	75-125		6010B
Vanadium	92.18	41.5	59.4	85	75-125		6010B
Zinc	176.2	148	59.4	47	75-125	F	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.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-32275-A-6-J MS
Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 34.0

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.612	0.14	0.490	97	75-125		7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-32275-A-6-Y MS ^4
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 34.0

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	29490	27000	555	446	75-125	4	6010B
Antimony	138.7	6.8	139	95	75-125		6010B
Arsenic	535.3	9.8	555	95	75-125		6010B
Barium	759.8	228	555	96	75-125		6010B
Beryllium	13.86	0.52	J 13.9	96	75-125		6010B
Cadmium	27.38	14.9	13.9	90	75-125		6010B
Calcium	331400	320000	5550	208	75-125	4	6010B
Chromium	438.7	389	55.5	90	75-125	4	6010B
Cobalt	154.4	23.9	J 139	94	75-125		6010B
Copper	890.1	877	69.3	19	75-125	4	6010B
Iron	44430	42500	277	680	75-125	4	6010B
Lead	184.3	59.4	139	90	75-125		6010B
Magnesium	16350	13500	5550	52	75-125	F	6010B
Manganese	773.6	621	139	110	75-125	4	6010B
Nickel	2497	2290	139	148	75-125	4	6010B
Potassium	6899	1320	J 5550	101	75-125		6010B
Selenium	519.9	6.1	555	93	75-125		6010B
Silver	34.93	22.7	13.9	88	75-125		6010B
Sodium	8684	2850	5550	105	75-125		6010B
Thallium	523.0	5.4	U 555	94	75-125		6010B
Vanadium	189.9	58.5	139	95	75-125		6010B
Zinc	6721	6560	139	118	75-125	4	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: 460-32001-A-7-F PDS
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 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	9512	8990	480	NC	75-125		6010B
Antimony	113.5	1.2 J	120	94	75-125		6010B
Arsenic	452.7	2.7	480	94	75-125		6010B
Barium	1170	711	480	96	75-125		6010B
Beryllium	11.90	0.40 J	12.0	96	75-125		6010B
Cadmium	13.62	2.3	12.0	94	75-125		6010B
Calcium	6287	1710	4800	95	75-125		6010B
Chromium	79.85	34.1	48.0	95	75-125		6010B
Cobalt	118.7	6.1 J	120	94	75-125		6010B
Copper	67.46	11.3	60.0	94	75-125		6010B
Iron	10220	10000	240	NC	75-125		6010B
Lead	224.2	113	120	93	75-125		6010B
Magnesium	6804	2470	4800	90	75-125		6010B
Manganese	193.9	78.2	120	96	75-125		6010B
Nickel	123.9	11.0	120	94	75-125		6010B
Potassium	5035	686 J	4800	91	75-125		6010B
Selenium	437.6	2.4 U	480	91	75-125		6010B
Silver	12.98	2.4 U	12.0	108	75-125		6010B
Sodium	4313	1200 U	4800	90	75-125		6010B
Thallium	446.9	2.4 U	480	93	75-125		6010B
Vanadium	152.5	41.5	120	93	75-125		6010B
Zinc	256.1	148	120	90	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: 460-32275-A-6-W PDS
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 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	28040	27000	1080	NC	75-125		6010B
Antimony	266.1	6.8	270	96	75-125		6010B
Arsenic	1037	9.8	1080	95	75-125		6010B
Barium	1250	228	1080	95	75-125		6010B
Beryllium	26.39	0.52	27.0	96	75-125		6010B
Cadmium	40.43	14.9	27.0	95	75-125		6010B
Calcium	372700	320000	53900	98	75-125		6010B
Chromium	491.5	389	108	95	75-125		6010B
Cobalt	275.5	23.9	270	93	75-125		6010B
Copper	997.7	877	135	90	75-125		6010B
Iron	42820	42500	539	NC	75-125		6010B
Lead	311.7	59.4	270	94	75-125		6010B
Magnesium	23560	13500	10800	93	75-125		6010B
Manganese	890.4	621	270	100	75-125		6010B
Nickel	2540	2290	270	92	75-125		6010B
Potassium	11880	1320	10800	98	75-125		6010B
Selenium	1004	6.1	1080	93	75-125		6010B
Silver	46.48	22.7	27.0	88	75-125		6010B
Sodium	13290	2850	10800	97	75-125		6010B
Thallium	1021	5.4	1080	95	75-125		6010B
Vanadium	321.1	58.5	270	97	75-125		6010B
Zinc	7895	6560	1350	99	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: 460-32001-A-7-E DU
Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
% Solids for Sample: 80.1 % Solids for Duplicate: 80.1
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.041	0.041 U	0.041 U	NC		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-32001-A-7-G DU ^4
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 % Solids for Sample: 80.1 % Solids for Duplicate: 80.1
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	46.2	8990	8259	8		6010B
Antimony	2.3	1.2 J	1.09 J	7		6010B
Arsenic	1.2	2.7	3.13	14		6010B
Barium	46.2	711	749.8	5		6010B
Beryllium	0.46	0.40 J	0.459 J	13		6010B
Cadmium	1.2	2.3	2.28	0.3		6010B
Calcium	1160	1710	1199	35		6010B
Chromium	2.3	34.1	27.08	23	F	6010B
Cobalt	11.6	6.1 J	6.68 J	10		6010B
Copper	5.8	11.3	10.68	5		6010B
Iron	34.7	10000	9985	0.5		6010B
Lead	1.2	113	54.60	70	F	6010B
Magnesium	1160	2470	2114	15		6010B
Manganese	3.5	78.2	81.54	4		6010B
Nickel	9.2	11.0	10.43	6		6010B
Potassium	1160	686 J	579.2 J	17		6010B
Selenium	2.3	2.4 U	2.3 U	NC		6010B
Silver	2.3	2.4 U	2.3 U	NC		6010B
Sodium	1160	1200 U	1160 U	NC		6010B
Thallium	2.3	2.4 U	2.3 U	NC		6010B
Vanadium	11.6	41.5	34.94	17		6010B
Zinc	6.9	148	131.0	12		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-32275-A-6-I DU
Lab Name: TestAmerica Edison Job No.: 460-32128-1
SDG No.: _____
% Solids for Sample: 34.0 % Solids for Duplicate: 34.0
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.097	0.14	0.141	2		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-32275-A-6-X DU ^4
 Lab Name: TestAmerica Edison Job No.: 460-32128-1
 SDG No.: _____
 % Solids for Sample: 34.0 % Solids for Duplicate: 34.0
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	107	27000	27620	2		6010B
Antimony	5.3	6.8	5.53	20		6010B
Arsenic	2.7	9.8	10.82	10		6010B
Barium	107	228	253.2	11		6010B
Beryllium	1.1	0.52 J	0.500 J	4		6010B
Cadmium	2.7	14.9	18.99	24	F	6010B
Calcium	13400	320000	318000	0.6		6010B
Chromium	5.3	389	320.2	19		6010B
Cobalt	26.7	23.9 J	21.81 J	9		6010B
Copper	13.4	877	1027	16		6010B
Iron	80.2	42500	40900	4		6010B
Lead	2.7	59.4	57.34	3		6010B
Magnesium	2670	13500	12420	8		6010B
Manganese	8.0	621	610.3	2		6010B
Nickel	21.4	2290	2006	13		6010B
Potassium	2670	1320 J	1474 J	11		6010B
Selenium	5.3	6.1	6.46	6		6010B
Silver	5.3	22.7	21.19	7		6010B
Sodium	2670	2850	3146	10		6010B
Thallium	5.3	5.4 U	5.3 U	NC		6010B
Vanadium	26.7	58.5	52.49	11		6010B
Zinc	80.2	6560	6899	5		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-89155/2-A

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10500	6860		65	46.1	154		6010B
Antimony	67.4	179.4		266	32.0	353		6010B
Arsenic	104	105.0		101	69.7	131		6010B
Barium	198	187.1		95	73.2	126		6010B
Beryllium	77.6	76.76		99	74.0	126		6010B
Cadmium	60.7	58.78		97	73.3	127		6010B
Calcium	9870	9614		97	75.4	125		6010B
Chromium	236	230.4		98	70.8	129		6010B
Cobalt	91.2	91.80		101	74.4	126		6010B
Copper	174	168.0		97	75.3	124		6010B
Iron	18000	16360		91	42.1	158		6010B
Lead	86.0	82.80		96	69.8	130		6010B
Magnesium	4000	3320		83	69.5	131		6010B
Manganese	558	535.4		96	77.4	123		6010B
Nickel	134	132.1		99	73.2	127		6010B
Potassium	4300	3646		85	65.3	135		6010B
Selenium	286	275.9		96	69.6	130		6010B
Silver	30.1	29.83		99	65.1	135		6010B
Sodium	1020	791.1	J	78	60.2	139		6010B
Thallium	121	121.3		100	67.8	133		6010B
Vanadium	115	111.4		97	67.6	132		6010B
Zinc	594	560.0		94	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 460-89479/2-A

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10500	8802		84	46.1	154		6010B
Antimony	67.4	157.5		234	32.0	353		6010B
Arsenic	104	93.02		89	69.7	131		6010B
Barium	198	184.9		93	73.2	126		6010B
Beryllium	77.6	73.12		94	74.0	126		6010B
Cadmium	60.7	56.06		92	73.3	127		6010B
Calcium	9870	9772		99	75.4	125		6010B
Chromium	236	221.8		94	70.8	129		6010B
Cobalt	91.2	87.34		96	74.4	126		6010B
Copper	174	163.2		94	75.3	124		6010B
Iron	18000	18840		105	42.1	158		6010B
Lead	86.0	83.96		98	69.8	130		6010B
Magnesium	4000	3664		92	69.5	131		6010B
Manganese	558	546.6		98	77.4	123		6010B
Nickel	134	128.5		96	73.2	127		6010B
Potassium	4300	3970		92	65.3	135		6010B
Selenium	286	249.6		87	69.6	130		6010B
Silver	30.1	27.82		92	65.1	135		6010B
Sodium	1020	910.0	J	89	60.2	139		6010B
Thallium	121	123.6		102	67.8	133		6010B
Vanadium	115	110.0		96	67.6	132		6010B
Zinc	594	558.0		94	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 460-89128/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid (mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.55		101	51.3	149		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-89271/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-32128-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00014

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.73		103	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: 460-32001-A-7-F SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32128-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	8990		9463		5.3		6010B
Antimony	1.2	J	12.0	U	NC		6010B
Arsenic	2.7		6.0	U	NC		6010B
Barium	711		743.0		4.5		6010B
Beryllium	0.40	J	2.4	U	NC		6010B
Cadmium	2.3		2.68	J	NC		6010B
Calcium	1710		1757	J	3.0		6010B
Chromium	34.1		34.42		NC		6010B
Cobalt	6.1	J	60.0	U	NC		6010B
Copper	11.3		9.61	J	NC		6010B
Iron	10000		10450		4.1		6010B
Lead	113		117.4		3.6		6010B
Magnesium	2470		2582	J	4.6		6010B
Manganese	78.2		80.45		2.9		6010B
Nickel	11.0		12.66	J	NC		6010B
Potassium	686	J	574.2	J	NC		6010B
Selenium	2.4	U	12.0	U	NC		6010B
Silver	2.4	U	12.0	U	NC		6010B
Sodium	1200	U	6000	U	NC		6010B
Thallium	2.4	U	12.0	U	NC		6010B
Vanadium	41.5		42.31	J	2.1		6010B
Zinc	148		155.8		5.2		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: 460-32275-A-6-W SD ^2

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32128-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Aluminum	27000		27590		2.1		6010B
Antimony	6.8		27.0	U	NC		6010B
Arsenic	9.8		13.5	U	NC		6010B
Barium	228		234.5	J	3.1		6010B
Beryllium	0.52	J	5.4	U	NC		6010B
Cadmium	14.9		15.44		NC		6010B
Calcium	320000		317900		0.59		6010B
Chromium	389		394.8		1.6		6010B
Cobalt	23.9	J	25.34	J	NC		6010B
Copper	877		885.5		0.98		6010B
Iron	42500		43600		2.5		6010B
Lead	59.4		60.64		NC		6010B
Magnesium	13500		14090		4.5		6010B
Manganese	621		632.9		1.9		6010B
Nickel	2290		2430		6.1		6010B
Potassium	1320	J	1359	J	NC		6010B
Selenium	6.1		27.0	U	NC		6010B
Silver	22.7		22.66	J	0.20		6010B
Sodium	2850		2912	J	NC		6010B
Thallium	5.4	U	27.0	U	NC		6010B
Vanadium	58.5		58.73	J	NC		6010B
Zinc	6560		6497		0.93		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: 460-32001-D-7-M SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32128-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Dilution	Result (S)			
Mercury	0.041	U		0.21	U	NC	7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-32275-A-6-H SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-32128-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.14		0.48	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: 460-32128-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP2
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: 460-32128-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP2
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: 460-32128-1
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: 460-32128-1
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: 460-32128-1
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: 460-32128-1
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: 460-32128-1

SDG No.: _____

Instrument ID: ICP2

Date: 01/06/2009 11:12

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		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-32128-1

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.: 460-32128-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89155/1-A ^2	10/12/2011 07:35	89155	1.00		50
LCSSRM 460-89155/2-A	10/12/2011 07:35	89155	1.00		50
460-32001-A-7-G DU ^4	10/12/2011 07:35	89155	1.08		50
460-32001-D-7-O MS ^4	10/12/2011 07:35	89155	1.05		50
460-32128-13	10/12/2011 07:35	89155	1.01		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89479/1-A ^2	10/14/2011 07:24	89479	1.00		50
LCSSRM 460-89479/2-A	10/14/2011 07:24	89479	1.00		50
460-32275-A-6-X DU ^2	10/14/2011 07:24	89479	1.10		50
460-32275-A-6-X DU ^4	10/14/2011 07:24	89479	1.10		50
460-32275-A-6-Y MS ^2	10/14/2011 07:24	89479	1.06		50
460-32275-A-6-Y MS ^4	10/14/2011 07:24	89479	1.06		50
460-32128-6	10/14/2011 07:24	89479	1.07		50
460-32128-7	10/14/2011 07:24	89479	1.04		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89128/10-A	10/11/2011 17:45	89128	0.60		100
LCSSRM 460-89128/11-A ^10	10/11/2011 17:45	89128	0.60		100
460-32001-A-7-E DU	10/11/2011 17:45	89128	0.60		100
460-32001-D-7-N MS	10/11/2011 17:45	89128	0.60		100
460-32128-13	10/11/2011 17:45	89128	0.60		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-89271/10-A	10/12/2011 18:00	89271	0.60		100
LCSSRM 460-89271/11-A ^10	10/12/2011 18:00	89271	0.60		100
460-32275-A-6-I DU	10/12/2011 18:00	89271	0.60		100
460-32275-A-6-J MS	10/12/2011 18:00	89271	0.60		100
460-32128-6	10/12/2011 18:00	89271	0.63		100
460-32128-7	10/12/2011 18:00	89271	0.62		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/12/2011 17:32 End Date: 10/13/2011 03:03

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	T l
ZZZZZZ			17:32																				
ZZZZZZ			17:38																				
ZZZZZZ			17:44																				
ZZZZZZ			17:50																				
ICV 460-89297/5	1		17:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-89297/6	1		18:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-89297/7	1		18:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-89297/8	1		18:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:21																				
ZZZZZZ			18:27																				
ZZZZZZ			19:56																				
ZZZZZZ			20:02																				
ZZZZZZ			20:08																				
ZZZZZZ			20:14																				
ZZZZZZ			20:20																				
ZZZZZZ			20:26																				
CCV 460-89297/17			20:32																				
CCB 460-89297/18			20:38																				
ZZZZZZ			20:45																				
ZZZZZZ			20:51																				
ZZZZZZ			20:57																				
ZZZZZZ			21:03																				
ZZZZZZ			21:09																				
ZZZZZZ			21:15																				
ZZZZZZ			21:21																				
ZZZZZZ			21:28																				
ZZZZZZ			21:34																				
ZZZZZZ			21:40																				
CCV 460-89297/29			21:46																				
CCB 460-89297/30			21:52																				
ZZZZZZ			21:58																				
ZZZZZZ			22:04																				
ZZZZZZ			22:10																				
ZZZZZZ			22:17																				
ZZZZZZ			22:23																				
ZZZZZZ			22:29																				
ZZZZZZ			22:35																				
ZZZZZZ			22:41																				
ZZZZZZ			22:48																				
ZZZZZZ			22:54																				
CCV 460-89297/41	1		23:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89297/42	1		23:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/12/2011 17:32 End Date: 10/13/2011 03:03

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	T l
MB 460-89155/1-A ^2	2	T	23:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	
LCSSRM 460-89155/2-A	4	T	23:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32001-A-7-G DU ^4	4	T	23:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:31																				
460-32001-A-7-F SD ^5	20	T	23:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32001-D-7-O MS ^4	4	T	23:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32001-A-7-F PDS	4	T	23:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			23:56																				
ZZZZZZ			00:02																				
ZZZZZZ			00:08																				
CCV 460-89297/53	1		00:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89297/54	1		00:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			00:27																				
ZZZZZZ			00:33																				
ZZZZZZ			00:40																				
ZZZZZZ			00:46																				
ZZZZZZ			00:52																				
ZZZZZZ			00:59																				
ZZZZZZ			01:05																				
ZZZZZZ			01:11																				
ZZZZZZ			01:18																				
ZZZZZZ			01:24																				
CCV 460-89297/65	1		01:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89297/66	1		01:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			01:43																				
ZZZZZZ			01:49																				
ZZZZZZ			01:55																				
460-32128-13	4	T	02:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-89297/71	1		02:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89297/72	1		02:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			02:45																				
ZZZZZZ			02:51																				
CCV 460-89297/75			02:57																				
CCB 460-89297/76			03:03																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/12/2011 17:32 End Date: 10/13/2011 03:03

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			17:32																		
ZZZZZZ			17:38																		
ZZZZZZ			17:44																		
ZZZZZZ			17:50																		
ICV 460-89297/5	1		17:57	X	X																
ICB 460-89297/6	1		18:03	X	X																
ICSA 460-89297/7	1		18:09	X	X																
ICSAB 460-89297/8	1		18:15	X	X																
ZZZZZZ			18:21																		
ZZZZZZ			18:27																		
ZZZZZZ			19:56																		
ZZZZZZ			20:02																		
ZZZZZZ			20:08																		
ZZZZZZ			20:14																		
ZZZZZZ			20:20																		
ZZZZZZ			20:26																		
CCV 460-89297/17			20:32																		
CCB 460-89297/18			20:38																		
ZZZZZZ			20:45																		
ZZZZZZ			20:51																		
ZZZZZZ			20:57																		
ZZZZZZ			21:03																		
ZZZZZZ			21:09																		
ZZZZZZ			21:15																		
ZZZZZZ			21:21																		
ZZZZZZ			21:28																		
ZZZZZZ			21:34																		
ZZZZZZ			21:40																		
CCV 460-89297/29			21:46																		
CCB 460-89297/30			21:52																		
ZZZZZZ			21:58																		
ZZZZZZ			22:04																		
ZZZZZZ			22:10																		
ZZZZZZ			22:17																		
ZZZZZZ			22:23																		
ZZZZZZ			22:29																		
ZZZZZZ			22:35																		
ZZZZZZ			22:41																		
ZZZZZZ			22:48																		
ZZZZZZ			22:54																		
CCV 460-89297/41	1		23:00	X	X																
CCB 460-89297/42	1		23:07	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/12/2011 17:32 End Date: 10/13/2011 03:03

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
MB 460-89155/1-A ^2	2	T	23:13	X	X																
LCSSRM 460-89155/2-A	4	T	23:19	X	X																
460-32001-A-7-G DU ^4	4	T	23:25	X	X																
ZZZZZZ			23:31																		
460-32001-A-7-F SD ^5	20	T	23:37	X	X																
460-32001-D-7-O MS ^4	4	T	23:44	X	X																
460-32001-A-7-F PDS	4	T	23:50	X	X																
ZZZZZZ			23:56																		
ZZZZZZ			00:02																		
ZZZZZZ			00:08																		
CCV 460-89297/53	1		00:14	X	X																
CCB 460-89297/54	1		00:21	X	X																
ZZZZZZ			00:27																		
ZZZZZZ			00:33																		
ZZZZZZ			00:40																		
ZZZZZZ			00:46																		
ZZZZZZ			00:52																		
ZZZZZZ			00:59																		
ZZZZZZ			01:05																		
ZZZZZZ			01:11																		
ZZZZZZ			01:18																		
ZZZZZZ			01:24																		
CCV 460-89297/65	1		01:30	X	X																
CCB 460-89297/66	1		01:37	X	X																
ZZZZZZ			01:43																		
ZZZZZZ			01:49																		
ZZZZZZ			01:55																		
460-32128-13	4	T	02:02	X	X																
CCV 460-89297/71	1		02:08	X	X																
CCB 460-89297/72	1		02:14	X	X																
ZZZZZZ			02:45																		
ZZZZZZ			02:51																		
CCV 460-89297/75			02:57																		
CCB 460-89297/76			03:03																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/13/2011 03:54 End Date: 10/13/2011 17:20

Lab Sample ID	D / F	T y p e	Time	Analytes															
				S b															
ZZZZZZ			03:54																
ZZZZZZ			04:00																
ZZZZZZ			04:06																
ZZZZZZ			04:12																
ICV 460-89418/5	1		04:18	X															
ICB 460-89418/6	1		04:25	X															
ICSA 460-89418/7	1		04:31	X															
ICSAB 460-89418/8	1		04:37	X															
ZZZZZZ			04:43																
ZZZZZZ			04:49																
ZZZZZZ			04:55																
ZZZZZZ			05:01																
ZZZZZZ			05:08																
ZZZZZZ			05:14																
ZZZZZZ			05:20																
ZZZZZZ			05:26																
CCV 460-89418/17			05:32																
CCB 460-89418/18			05:38																
ZZZZZZ			05:45																
ZZZZZZ			05:51																
ZZZZZZ			05:57																
ZZZZZZ			06:03																
ZZZZZZ			06:09																
ZZZZZZ			06:15																
ZZZZZZ			06:21																
ZZZZZZ			06:28																
ZZZZZZ			06:34																
ZZZZZZ			06:40																
CCV 460-89418/29			06:46																
CCB 460-89418/30			06:52																
ZZZZZZ			06:58																
ZZZZZZ			07:04																
ZZZZZZ			07:11																
ZZZZZZ			07:17																
ZZZZZZ			07:23																
ZZZZZZ			07:29																
ZZZZZZ			07:35																
ZZZZZZ			07:41																
CCV 460-89418/39			07:47																
CCB 460-89418/40			07:54																
ZZZZZZ			08:00																
ZZZZZZ			08:06																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 10/13/2011 03:54 End Date: 10/13/2011 17:20

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				S b																	
ZZZZZZ			08:12																		
ZZZZZZ			08:18																		
ZZZZZZ			08:24																		
ZZZZZZ			08:30																		
ZZZZZZ			08:37																		
ZZZZZZ			08:43																		
ZZZZZZ			08:49																		
ZZZZZZ			08:55																		
CCV 460-89418/51			09:01																		
CCB 460-89418/52			09:07																		
CCV 460-89418/53			15:36																		
CCB 460-89418/54			15:42																		
ZZZZZZ			15:52																		
ZZZZZZ			15:58																		
ZZZZZZ			16:06																		
ZZZZZZ			16:12																		
ZZZZZZ			16:18																		
ZZZZZZ			16:24																		
ZZZZZZ			16:31																		
ZZZZZZ			16:37																		
CCV 460-89418/63	1		16:43	X																	
CCB 460-89418/64	1		16:49	X																	
MB 460-89155/1-A ^2	2	T	16:55	X																	
ZZZZZZ			17:01																		
ZZZZZZ			17:07																		
CCV 460-89418/68	1		17:13	X																	
CCB 460-89418/69	1		17:20	X																	

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

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	T l
ZZZZZZ			02:51																				
ZZZZZZ			02:55																				
ZZZZZZ			02:59																				
ZZZZZZ			03:02																				
ZZZZZZ			03:06																				
ICV 460-89642/6	1		03:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-89642/7	1		03:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-89642/8	1		03:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-89642/9	1		03:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			03:24																				
ZZZZZZ			03:28																				
ZZZZZZ			03:32																				
ZZZZZZ			03:35																				
ZZZZZZ			03:39																				
ZZZZZZ			03:42																				
ZZZZZZ			03:46																				
ZZZZZZ			03:49																				
CCV 460-89642/18	1		03:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89642/19	1		03:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			04:00																				
ZZZZZZ			04:04																				
ZZZZZZ			04:07																				
ZZZZZZ			04:11																				
ZZZZZZ			04:15																				
460-32275-A-6-X DU ^4	4	T	04:18	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			04:22																				
460-32275-A-6-W SD ^2	20	T	04:26	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32275-A-6-Y MS ^4	4	T	04:29	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32275-A-6-W PDS	4	T	04:33	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-89642/30	1		04:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-89642/31	1		04:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-89479/1-A ^2	2	T	04:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCSSRM 460-89479/2-A	4	T	04:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			04:50																				
ZZZZZZ			04:54																				
ZZZZZZ			04:57																				
ZZZZZZ			05:01																				
ZZZZZZ			05:05																				
460-32128-6	4	T	05:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-32128-7	4	T	05:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			05:15																				
CCV 460-89642/42	1		05:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

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	T l
CCB 460-89642/43	1		05:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			05:26																				
ZZZZZZ			05:29																				
ZZZZZZ			05:33																				
ZZZZZZ			05:37																				
ZZZZZZ			05:40																				
ZZZZZZ			05:44																				
ZZZZZZ			05:47																				
ZZZZZZ			05:51																				
ZZZZZZ			05:55																				
ZZZZZZ			05:58																				
CCV 460-89642/54			06:02																				
CCB 460-89642/55			06:05																				
ZZZZZZ			06:09																				
ZZZZZZ			06:12																				
ZZZZZZ			06:16																				
ZZZZZZ			06:20																				
ZZZZZZ			06:23																				
ZZZZZZ			06:27																				
ZZZZZZ			06:30																				
ZZZZZZ			06:34																				
ZZZZZZ			06:37																				
ZZZZZZ			06:41																				
CCV 460-89642/66			06:45																				
CCB 460-89642/67			06:48																				
ZZZZZZ			06:52																				
ZZZZZZ			06:55																				
ZZZZZZ			06:59																				
ZZZZZZ			07:02																				
ZZZZZZ			07:06																				
ZZZZZZ			07:10																				
ZZZZZZ			07:13																				
ZZZZZZ			07:17																				
ZZZZZZ			07:20																				
ZZZZZZ			07:24																				
CCV 460-89642/78			07:28																				
CCB 460-89642/79			07:31																				
ZZZZZZ			07:35																				
ZZZZZZ			07:38																				
ZZZZZZ			07:42																				
ZZZZZZ			07:46																				
ZZZZZZ			07:49																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

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			07:53																			
ZZZZZZ			07:57																			
CCV 460-89642/87			08:00																			
CCB 460-89642/88			08:04																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ZZZZZZ			02:51																
ZZZZZZ			02:55																
ZZZZZZ			02:59																
ZZZZZZ			03:02																
ZZZZZZ			03:06																
ICV 460-89642/6	1		03:10	X	X														
ICB 460-89642/7	1		03:13	X	X														
ICSA 460-89642/8	1		03:17	X	X														
ICSAB 460-89642/9	1		03:21	X	X														
ZZZZZZ			03:24																
ZZZZZZ			03:28																
ZZZZZZ			03:32																
ZZZZZZ			03:35																
ZZZZZZ			03:39																
ZZZZZZ			03:42																
ZZZZZZ			03:46																
ZZZZZZ			03:49																
CCV 460-89642/18	1		03:53	X	X														
CCB 460-89642/19	1		03:56	X	X														
ZZZZZZ			04:00																
ZZZZZZ			04:04																
ZZZZZZ			04:07																
ZZZZZZ			04:11																
ZZZZZZ			04:15																
460-32275-A-6-X DU ^4	4	T	04:18	X															
ZZZZZZ			04:22																
460-32275-A-6-W SD ^2	20	T	04:26	X															
460-32275-A-6-Y MS ^4	4	T	04:29	X															
460-32275-A-6-W PDS	4	T	04:33	X															
CCV 460-89642/30	1		04:36	X	X														
CCB 460-89642/31	1		04:39	X	X														
MB 460-89479/1-A ^2	2	T	04:43	X	X														
LCSSRM 460-89479/2-A	4	T	04:47	X	X														
ZZZZZZ			04:50																
ZZZZZZ			04:54																
ZZZZZZ			04:57																
ZZZZZZ			05:01																
ZZZZZZ			05:05																
460-32128-6	4	T	05:08	X	X														
460-32128-7	4	T	05:12	X	X														
ZZZZZZ			05:15																
CCV 460-89642/42	1		05:19	X	X														

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
CCB 460-89642/43	1		05:22	X	X																
ZZZZZZ			05:26																		
ZZZZZZ			05:29																		
ZZZZZZ			05:33																		
ZZZZZZ			05:37																		
ZZZZZZ			05:40																		
ZZZZZZ			05:44																		
ZZZZZZ			05:47																		
ZZZZZZ			05:51																		
ZZZZZZ			05:55																		
ZZZZZZ			05:58																		
CCV 460-89642/54			06:02																		
CCB 460-89642/55			06:05																		
ZZZZZZ			06:09																		
ZZZZZZ			06:12																		
ZZZZZZ			06:16																		
ZZZZZZ			06:20																		
ZZZZZZ			06:23																		
ZZZZZZ			06:27																		
ZZZZZZ			06:30																		
ZZZZZZ			06:34																		
ZZZZZZ			06:37																		
ZZZZZZ			06:41																		
CCV 460-89642/66			06:45																		
CCB 460-89642/67			06:48																		
ZZZZZZ			06:52																		
ZZZZZZ			06:55																		
ZZZZZZ			06:59																		
ZZZZZZ			07:02																		
ZZZZZZ			07:06																		
ZZZZZZ			07:10																		
ZZZZZZ			07:13																		
ZZZZZZ			07:17																		
ZZZZZZ			07:20																		
ZZZZZZ			07:24																		
CCV 460-89642/78			07:28																		
CCB 460-89642/79			07:31																		
ZZZZZZ			07:35																		
ZZZZZZ			07:38																		
ZZZZZZ			07:42																		
ZZZZZZ			07:46																		
ZZZZZZ			07:49																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/15/2011 02:51 End Date: 10/15/2011 08:04

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			07:53																		
ZZZZZZ			07:57																		
CCV 460-89642/87			08:00																		
CCB 460-89642/88			08:04																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				C a	Z n																
ZZZZZZ			15:00																		
ZZZZZZ			15:04																		
ZZZZZZ			15:08																		
ZZZZZZ			15:11																		
ZZZZZZ			15:14																		
ICV 460-89684/6	1		15:18	X	X																
ICB 460-89684/7	1		15:22	X	X																
ICSA 460-89684/8	1		15:25	X	X																
ICSAB 460-89684/9	1		15:29	X	X																
ZZZZZZ			15:33																		
ZZZZZZ			15:36																		
460-32275-A-6-X DU ^2	20	T	15:40	X	X																
ZZZZZZ			15:44																		
460-32275-A-6-W SD ^1	100	T	15:47	X	X																
460-32275-A-6-Y MS ^2	20	T	15:51	X	X																
460-32275-A-6-W PDS	20	T	15:54	X	X																
ZZZZZZ			15:58																		
CCV 460-89684/18	1		16:01	X	X																
CCB 460-89684/19	1		16:05	X	X																
ZZZZZZ			16:08																		
ZZZZZZ			16:12																		
ZZZZZZ			16:16																		
ZZZZZZ			16:19																		
ZZZZZZ			16:23																		
ZZZZZZ			16:26																		
ZZZZZZ			16:30																		
ZZZZZZ			16:33																		
ZZZZZZ			16:37																		
ZZZZZZ			16:41																		
CCV 460-89684/30			16:44																		
CCB 460-89684/31			16:47																		
ZZZZZZ			16:51																		
ZZZZZZ			16:55																		
ZZZZZZ			16:58																		
ZZZZZZ			17:02																		
ZZZZZZ			17:05																		
ZZZZZZ			17:09																		
ZZZZZZ			17:12																		
ZZZZZZ			17:16																		
ZZZZZZ			17:19																		
ZZZZZZ			17:23																		
CCV 460-89684/42			17:27																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes															
				C	Z														
CCB 460-89684/43			17:30																
ZZZZZZ			17:34																
ZZZZZZ			17:37																
ZZZZZZ			17:41																
ZZZZZZ			17:44																
ZZZZZZ			17:48																
ZZZZZZ			17:51																
ZZZZZZ			17:55																
ZZZZZZ			17:58																
ZZZZZZ			18:02																
ZZZZZZ			18:05																
CCV 460-89684/54			18:09																
CCB 460-89684/55			18:12																
ZZZZZZ			18:16																
ZZZZZZ			18:20																
ZZZZZZ			18:23																
ZZZZZZ			18:27																
ZZZZZZ			18:30																
ZZZZZZ			18:34																
ZZZZZZ			18:37																
ZZZZZZ			18:41																
ZZZZZZ			18:44																
ZZZZZZ			18:48																
CCV 460-89684/66			18:52																
CCB 460-89684/67			18:55																
ZZZZZZ			18:59																
ZZZZZZ			19:02																
ZZZZZZ			19:06																
ZZZZZZ			19:09																
ZZZZZZ			19:13																
ZZZZZZ			19:16																
ZZZZZZ			19:20																
ZZZZZZ			19:23																
ZZZZZZ			19:27																
ZZZZZZ			19:31																
CCV 460-89684/78			19:34																
CCB 460-89684/79			19:38																
ZZZZZZ			19:41																
ZZZZZZ			19:45																
ZZZZZZ			19:48																
ZZZZZZ			19:52																
ZZZZZZ			19:56																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 10/16/2011 15:00 End Date: 10/16/2011 20:45

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				C a	Z n																
ZZZZZZ			19:59																		
ZZZZZZ			20:03																		
ZZZZZZ			20:06																		
ZZZZZZ			20:10																		
ZZZZZZ			20:13																		
CCV 460-89684/90			20:17																		
CCB 460-89684/91			20:20																		
ZZZZZZ			20:24																		
ZZZZZZ			20:28																		
ZZZZZZ			20:31																		
ZZZZZZ			20:35																		
ZZZZZZ			20:38																		
CCV 460-89684/97			20:42																		
CCB 460-89684/98			20:45																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/11/2011 20:06 End Date: 10/11/2011 22:05

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-89128/1-A			20:06	X															
IC 460-89128/2-A			20:08	X															
IC 460-89128/3-A			20:10	X															
IC 460-89128/4-A			20:13	X															
IC 460-89128/5-A			20:15	X															
IC 460-89128/6-A			20:18	X															
ICV 460-89128/7-A	1		20:20	X															
ICB 460-89139/8	1		20:23	X															
MB 460-89128/10-A	1	T	20:25	X															
LCSSRM 460-89128/11-A ^10	10	T	20:28	X															
ZZZZZZ			20:29																
460-32001-A-7-E DU	1	T	20:32	X															
460-32001-D-7-N MS	1	T	20:33	X															
ZZZZZZ			20:35																
ZZZZZZ			20:38																
ZZZZZZ			20:40																
ZZZZZZ			20:42																
ZZZZZZ			20:44																
CCV 460-89128/8-A	1		20:46	X															
CCB 460-89139/20	1		20:48	X															
ZZZZZZ			20:49																
ZZZZZZ			20:52																
ZZZZZZ			20:55																
ZZZZZZ			20:57																
ZZZZZZ			20:59																
ZZZZZZ			21:01																
460-32128-13	1	T	21:03	X															
ZZZZZZ			21:04																
ZZZZZZ			21:07																
ZZZZZZ			21:10																
CCV 460-89128/8-A	1		21:11	X															
CCB 460-89139/32	1		21:13	X															
ZZZZZZ			21:15																
ZZZZZZ			21:17																
ZZZZZZ			21:19																
ZZZZZZ			21:21																
460-32001-D-7-M SD ^5	5	T	21:24	X															
CCV 460-89128/8-A	1		21:25	X															
CCB 460-89139/39	1		21:27	X															
ZZZZZZ			21:29																
ZZZZZZ			21:31																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/11/2011 20:06 End Date: 10/11/2011 22:05

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			21:33																		
ZZZZZZ			21:35																		
ZZZZZZ			21:37																		
ZZZZZZ			21:39																		
ZZZZZZ			21:41																		
ZZZZZZ			21:43																		
CCV 460-89128/8-A			21:44																		
CCB 460-89139/49			21:46																		
ZZZZZZ			21:48																		
ZZZZZZ			21:50																		
ZZZZZZ			21:51																		
ZZZZZZ			21:53																		
ZZZZZZ			21:55																		
ZZZZZZ			21:57																		
ZZZZZZ			21:59																		
ZZZZZZ			22:01																		
CCV 460-89128/8-A			22:03																		
CCB 460-89139/59			22:05																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/12/2011 20:11 End Date: 10/12/2011 22:16

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-89271/1-A			20:11	X															
IC 460-89271/2-A			20:13	X															
IC 460-89271/3-A			20:16	X															
IC 460-89271/4-A			20:18	X															
IC 460-89271/5-A			20:20	X															
IC 460-89271/6-A			20:22	X															
ICV 460-89271/7-A	1		20:24	X															
ICB 460-89287/8	1		20:26	X															
MB 460-89271/10-A	1	T	20:28	X															
LCSSRM 460-89271/11-A ^10	10	T	20:29	X															
ZZZZZZ			20:32																
460-32275-A-6-I DU	1	T	20:33	X															
460-32275-A-6-J MS	1	T	20:35	X															
ZZZZZZ			20:37																
ZZZZZZ			20:40																
ZZZZZZ			20:42																
ZZZZZZ			20:43																
ZZZZZZ			20:45																
CCV 460-89271/8-A	1		20:47	X															
CCB 460-89287/20	1		20:49	X															
ZZZZZZ			20:51																
ZZZZZZ			20:53																
ZZZZZZ			20:55																
ZZZZZZ			20:58																
ZZZZZZ			21:00																
ZZZZZZ			21:02																
ZZZZZZ			21:04																
460-32128-6	1	T	21:06	X															
460-32128-7	1	T	21:09	X															
ZZZZZZ			21:12																
CCV 460-89271/8-A	1		21:13	X															
CCB 460-89287/32	1		21:15	X															
ZZZZZZ			21:17																
ZZZZZZ			21:19																
ZZZZZZ			21:21																
ZZZZZZ			21:23																
460-32275-A-6-H SD ^5	5	T	21:26	X															
CCV 460-89271/8-A	1		21:29	X															
CCB 460-89287/39	1		21:31	X															
ZZZZZZ			21:33																
ZZZZZZ			21:35																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 10/12/2011 20:11 End Date: 10/12/2011 22:16

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			21:36																		
ZZZZZZ			21:38																		
ZZZZZZ			21:40																		
ZZZZZZ			21:42																		
ZZZZZZ			21:44																		
ZZZZZZ			21:46																		
ZZZZZZ			21:48																		
ZZZZZZ			21:50																		
CCV 460-89271/8-A			21:52																		
CCB 460-89287/51			21:54																		
ZZZZZZ			21:56																		
ZZZZZZ			21:58																		
ZZZZZZ			22:00																		
ZZZZZZ			22:02																		
ZZZZZZ			22:04																		
ZZZZZZ			22:07																		
ZZZZZZ			22:09																		
ZZZZZZ			22:11																		
ZZZZZZ			22:13																		
CCV 460-89271/8-A			22:15																		
CCB 460-89287/62			22:16																		

Prep Types

T = Total/NA

BATCH:89297
89211v1
89211V1-METHOD:200.7
89155V1-METHOD:6010B

Analysis Report Summary 10/13/11 03:12:55 AM page 1

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 1129170	89211V1	SW846	10/12/11	17:57	S	CONC	
2	ICB	89211V1	SW846	10/12/11	18:03	S	CONC	
3	ICSA 1132260	89211V1	SW846	10/12/11	18:09	S	CONC	
4	ICSAB 1132262	89211V1	SW846	10/12/11	18:15	S	CONC	
5	INT-20	89211V1	SW846	10/12/11	18:21	S	CONC	
6	REPLIM	89211V1	SW846	10/12/11	18:27	S	CONC	
7	MB 460-89211/1-A	89211V1	SW846	10/12/11	19:56	S	CONC	
8	LCS 460-89211/2-A	89211V1	SW846	10/12/11	20:02	S	CONC	
9	460-32218-U-5-B DU	89211V1	SW846	10/12/11	20:08	S	CONC	
10	460-32218-U-5-A	89211V1	SW846	10/12/11	20:14	S	CONC	
11	SD 460-32218-U-5-A@5	89211V1	SW846	10/12/11	20:20	S	CONC	
12	460-32218-U-5-C MS	89211V1	SW846	10/12/11	20:26	S	CONC	
13	CCV 1129170	89211V1	SW846	10/12/11	20:32	S	CONC	
14	CCB	89211V1	SW846	10/12/11	20:38	S	CONC	
15	PDS 460-32218-U-5-A	89211V1	SW846	10/12/11	20:45	S	CONC	
16	460-31767-G-7-B	89211V1	SW846	10/12/11	20:51	S	CONC	
17	460-31767-G-8-B	89211V1	SW846	10/12/11	20:57	S	CONC	
18	460-31767-G-9-B	89211V1	SW846	10/12/11	21:03	S	CONC	
19	460-31767-G-10-B	89211V1	SW846	10/12/11	21:09	S	CONC	
20	460-31767-G-11-B	89211V1	SW846	10/12/11	21:15	S	CONC	
21	460-31767-G-12-B	89211V1	SW846	10/12/11	21:21	S	CONC	
22	460-31767-G-13-B	89211V1	SW846	10/12/11	21:28	S	CONC	
23	460-31767-G-14-B	89211V1	SW846	10/12/11	21:34	S	CONC	
24	460-31767-G-15-B	89211V1	SW846	10/12/11	21:40	S	CONC	
25	CCV 1129170	89211V1	SW846	10/12/11	21:46	S	CONC	
26	CCB	89211V1	SW846	10/12/11	21:52	S	CONC	
27	460-32053-E-1-B	89211V1	SW846	10/12/11	21:58	S	CONC	
28	460-32053-E-2-B	89211V1	SW846	10/12/11	22:04	S	CONC	
29	460-32218-U-2-A	89211V1	SW846	10/12/11	22:10	S	CONC	
30	460-32218-U-3-A	89211V1	SW846	10/12/11	22:17	S	CONC	
31	460-32218-U-4-A	89211V1	SW846	10/12/11	22:23	S	CONC	
32	460-32218-U-6-A	89211V1	SW846	10/12/11	22:29	S	CONC	
33	460-32218-U-7-A	89211V1	SW846	10/12/11	22:35	S	CONC	
34	460-32016-K-1-B	89211V1	SW846	10/12/11	22:41	S	CONC	
35	460-32016-K-2-B	89211V1	SW846	10/12/11	22:48	S	CONC	
36	460-32016-K-3-B	89211V1	SW846	10/12/11	22:54	S	CONC	
37	CCV 1129170	89211V1	SW846	10/12/11	23:00	S	CONC	
38	CCB	89211V1	SW846	10/12/11	23:07	S	CONC	
39	MB 460-89155/1-A@2	89211V1	SW846	10/12/11	23:13	S	CONC	
40	LCSRM 460-89155/2-A	89211V1	SW846	10/12/11	23:19	S	CONC	
41	460-32001-A-7-G DU@4	89211V1	SW846	10/12/11	23:25	S	CONC	
42	460-32001-A-7-F@4	89211V1	SW846	10/12/11	23:31	S	CONC	
43	SD 460-32001-A-7-F@5	89211V1	SW846	10/12/11	23:37	S	CONC	
44	460-32001-D-7-0 MS@4	89211V1	SW846	10/12/11	23:44	S	CONC	
45	PDS 460-32001-A-7-F	89211V1	SW846	10/12/11	23:50	S	CONC	
46	460-32264-A-1-A@4	89211V1	SW846	10/12/11	23:56	S	CONC	
47	460-31970-A-3-A@4	89211V1	SW846	10/13/11	00:02	S	CONC	
48	460-31970-A-6-A@4	89211V1	SW846	10/13/11	00:08	S	CONC	
49	CCV 1129170	89211V1	SW846	10/13/11	00:14	S	CONC	
50	CCB	89211V1	SW846	10/13/11	00:21	S	CONC	
51	460-31970-A-9-A@4	89211V1	SW846	10/13/11	00:27	S	CONC	
52	460-31970-A-10-A@4	89211V1	SW846	10/13/11	00:33	S	CONC	
53	460-31970-A-13-A@4	89211V1	SW846	10/13/11	00:40	S	CONC	

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	460-31970-A-16-A@4	89211V1	SW846	10/13/11	00:46	S	CONC	
55	240-4565-G-1-A@4	89211V1	SW846	10/13/11	00:52	S	CONC	
56	460-32269-G-1-A@4	89211V1	SW846	10/13/11	00:59	S	CONC	
57	460-32269-F-2-A@4	89211V1	SW846	10/13/11	01:05	S	CONC	
58	460-32019-G-1-A@4	89211V1	SW846	10/13/11	01:11	S	CONC	

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89211v1						
59	460-32019-G-2-A@4	89211V1	SW846	10/13/11	01:18	S CONC
60	460-32095-A-2-G@4	89211V1	SW846	10/13/11	01:24	S CONC
61	CCV 1129170	89211V1	SW846	10/13/11	01:30	S CONC
62	CCB	89211V1	SW846	10/13/11	01:37	S CONC
63	460-32200-A-1-D@4	89211V1	SW846	10/13/11	01:43	S CONC
64	460-32200-A-2-D@4	89211V1	SW846	10/13/11	01:49	S CONC
65	460-32200-A-3-D@4	89211V1	SW846	10/13/11	01:55	S CONC
66	460-32128-D-13-M@4	89211V1	SW846	10/13/11	02:02	S CONC
67	CCV 1129170	89211V1	SW846	10/13/11	02:08	S CONC
68	CCB	89211V1	SW846	10/13/11	02:14	S CONC
69	460-32016-K-1-B@3	89211V1	SW846	10/13/11	02:45	S CONC
70	460-31970-A-16-A@10	89211V1	SW846	10/13/11	02:51	S CONC
71	CCV 1129170	89211V1	SW846	10/13/11	02:57	S CONC
72	CCB	89211V1	SW846	10/13/11	03:03	S CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1129170	124800.	995.9	4978.	9949.	993.8	2479.
2	ICB	4.324	2.984	-3.954	-.4609	-.0185	.0417
3	ICSA 1132260	477700.	2.287	1.429	2.837	-.1400	-.3686
4	ICSAB 1132262	482700.	109.6	105.7	109.6	104.9	102.0
5	INT-20	68.10	-19.23	-2.637	10190.	-.2492	-1.566
6	REPLIM	254.7	10.43	6.195	208.5	2.002	4.425
7	MB 460-89211/1-A	13.94	.8517	-1.121	-1.944	-.2108	-.1314
8	LCS 460-89211/2-A	2028.	510.9	2062.	2035.	49.98	52.06
9	460-32218-U-5-B DU	16.90	.4222	3.726	90.31	-.2559	.1691
10	460-32218-U-5-A	14.73	.2010	1.217	89.69	-.1645	.1466
11	SD 460-32218-U-5-A@5	22.80	.5679	-1.256	16.88	-.2211	.1826
12	460-32218-U-5-C MS	2000.	504.7	2035.	2090.	48.43	50.14
13	CCV 1129170	127000.	1031.	5109.	10260.	1006.	2494.
14	CCB	24.46	2.031	-.1068	-.1769	-.1662	.2545
15	PDS 460-32218-U-5-A	2040.	507.0	2054.	2123.	48.79	50.85
16	460-31767-G-7-B	24.32	2.199	.1069	72.51	-.2886	.0930
17	460-31767-G-8-B	22.90	1.837	-.9551	1.104	-.2370	.1143
18	460-31767-G-9-B	26.16	.4081	.6076	.3707	-.3260	.0806
19	460-31767-G-10-B	22.27	.7341	-2.531	20.50	-.2690	-.0709
20	460-31767-G-11-B	33.17	2.701	-.2197	47.78	-.3461	-.0779
21	460-31767-G-12-B	30.29	.8750	-1.583	23.81	-.3067	.2379
22	460-31767-G-13-B	31.77	1.275	-.9610	1.107	-.4074	.2024
23	460-31767-G-14-B	27.42	1.064	.9013	5.066	-.2859	.2237
24	460-31767-G-15-B	35.99	1.807	-1.645	-1.246	-.4300	.0568
25	CCV 1129170	125300.	1021.	5065.	10170.	1002.	2459.
26	CCB	29.36	.5366	-1.864	-.4687	-.2975	.3876
27	460-32053-E-1-B	43.20	1.039	-.7660	157.2	-.2966	-.0707
28	460-32053-E-2-B	45.07	-.1998	-1.631	85.66	-.4482	.0775
29	460-32218-U-2-A	30.98	.2280	-1.976	-1.427	-.3202	.2861
30	460-32218-U-3-A	43.04	1.642	40.68	173.7	-.3951	-.2463
31	460-32218-U-4-A	43.18	3.502	14.19	14.89	-.4232	.2867
32	460-32218-U-6-A	42.92	1.260	6.217	54.63	-.4242	-.0041
33	460-32218-U-7-A	82.21	1.894	11.90	123.1	-.4500	-.1575
34	460-32016-K-1-B	42.79	.1155	22.65	34.70	-.3484	-1.095
35	460-32016-K-2-B	53.45	.4435	-1.245	131.1	-.4165	-.1523
36	460-32016-K-3-B	51.55	2.346	6.978	209.2	-.4233	-.1176
37	CCV 1129170	123700.	992.9	4929.	9978.	989.9	2392.
38	CCB	45.69	2.650	.0700	-.2109	-.3659	.3989
39	MB 460-89155/1-A@2	36.53	4.627	.2337	-.1511	-.3601	-.1001
40	LCSSRM 460-89155/2-A	34300.	896.9	524.8	935.6	383.8	293.9
41	460-32001-A-7-G DU@4	35740.	4.698	13.57	3245.	1.986	9.852
42	460-32001-A-7-F@4	37460.	4.873	11.37	2962.	1.671	9.514
43	SD 460-32001-A-7-F@5	7887.	3.566	.9631	619.3	.0724	2.236
44	460-32001-D-7-O MS@4	50900.	142.7	922.6	4390.	25.73	33.84
45	PDS 460-32001-A-7-F	39640.	473.1	1887.	4878.	49.60	56.75
46	460-32264-A-1-A@4	18040.	22.18	31.43	97.21	.5157	3.642
47	460-31970-A-3-A@4	24240.	2.477	146.7	65.59	2.092	-1.646
48	460-31970-A-6-A@4	15390.	-.6066	14.44	33.72	.6512	-.5662
49	CCV 1129170	123700.	996.3	4937.	10010.	993.8	2396.
50	CCB	43.12	1.564	-2.351	-.1180	-.3244	.3358
51	460-31970-A-9-A@4	17390.	2.910	79.14	100.4	1.806	-.6988
52	460-31970-A-10-A@4	22580.	3.643	56.51	94.02	1.795	-.4841
53	460-31970-A-13-A@4	35670.	2.923	81.44	90.97	2.300	-1.547

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	460-31970-A-16-A@4	42890.	- .1149	142.1	114.8	3.403	-2.676
55	240-4565-G-1-A@4	24630.	1.798	13.54	286.4	1.353	- .1541
56	460-32269-G-1-A@4	15740.	.7354	11.10	104.7	.5935	.0417
57	460-32269-F-2-A@4	15430.	3.726	14.70	89.76	.5973	.2377
58	460-32019-G-1-A@4	19540.	1.446	27.67	80.92	1.023	- .8904
59	460-32019-G-2-A@4	18330.	1.428	5.303	85.34	.6492	- .3571
60	460-32095-A-2-G@4	32670.	.7977	26.11	894.4	1.543	3.928
61	CCV 1129170	123000.	991.1	4905.	9983.	985.5	2365.
62	CCB	51.40	2.258	-1.981	.0143	- .3770	.2376
63	460-32200-A-1-D@4	3530.	2.017	22.81	29.35	- .0932	.0655
64	460-32200-A-2-D@4	2810.	1.341	5.900	10.88	- .2996	.6530
65	460-32200-A-3-D@4	50440.	.9328	42.02	100.8	3.167	-1.118
66	460-32128-D-13-M@4	876.2	1.500	3.025	2.921	- .4129	- .2531
67	CCV 1129170	123300.	1004.	4936.	10010.	985.3	2378.
68	CCB	53.64	1.459	-1.572	1.043	- .4222	.3199
69	460-32016-K-1-B@3	49.33	2.478	4.490	11.98	- .4316	- .7812
70	460-31970-A-16-A@10	18050.	.9507	60.82	47.42	1.237	-1.006
71	CCV 1129170	119400.	960.7	4748.	9690.	950.3	2289.
72	CCB	48.59	.5098	1.219	.4421	- .2375	.4462

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1129170	124700.	4976.	2484.	12420.	99360.	124500.
2	ICB	11.70	- .3298	- .6664	- .1700	-7.463	6.111
3	ICSA 1132260	459000.	-3.202	1.371	1.828	196800.	519000.
4	ICSAB 1132262	463000.	98.90	103.5	111.4	198500.	524300.
5	INT-20	32.15	19560.	19180.	-1.088	.2202	35.13
6	REPLIM	5274.	13.18	53.46	25.29	175.3	4935.
7	MB 460-89211/1-A	-13.54	- .3900	- .3004	- .5899	-7.249	11.09
8	LCS 460-89211/2-A	20510.	203.7	500.3	245.2	1016.	19500.
9	460-32218-U-5-B DU	30280.	- .9461	.5833	3.636	17.07	2254.
10	460-32218-U-5-A	30260.	- .7912	.9631	3.654	13.08	2225.
11	SD 460-32218-U-5-A@5	6232.	- .3279	.5934	.4404	-1.077	448.8
12	460-32218-U-5-C MS	49400.	198.4	489.5	248.6	1022.	21390.
13	CCV 1129170	124600.	5056.	2519.	12620.	100200.	126300.
14	CCB	1.560	- .2148	.2125	.6791	-5.951	16.07
15	PDS 460-32218-U-5-A	49610.	200.2	494.7	251.3	1018.	21680.
16	460-31767-G-7-B	32680.	- .8650	.0766	- .6337	-11.85	8483.
17	460-31767-G-8-B	40910.	.2318	- .1208	.1559	-5.569	5914.
18	460-31767-G-9-B	50550.	- .5277	.0183	- .0150	-5.586	9968.
19	460-31767-G-10-B	54980.	-1.395	.5942	.0039	-5.136	7448.
20	460-31767-G-11-B	64020.	- .7612	- .1937	- .1059	-12.96	8747.
21	460-31767-G-12-B	76570.	4.224	.2045	7.740	32.64	5412.
22	460-31767-G-13-B	50210.	-1.253	- .1870	.8406	-6.023	6768.
23	460-31767-G-14-B	45910.	-1.229	.0760	- .4432	-2.866	14120.
24	460-31767-G-15-B	51.35	- .6657	.1420	- .3603	-11.02	10.44
25	CCV 1129170	123900.	5013.	2504.	12420.	99610.	124400.
26	CCB	2.992	- .7247	.0198	.0735	-2.820	16.96
27	460-32053-E-1-B	89890.	-1.848	.5128	- .3511	365.2	35120.
28	460-32053-E-2-B	93370.	-1.776	.4552	.0949	14.76	36320.
29	460-32218-U-2-A	-10.84	-1.085	.1418	- .2630	- .5760	6.334
30	460-32218-U-3-A	75890.	-1.369	47.54	.0411	43990.	17730.
31	460-32218-U-4-A	11570.	- .3226	.9226	9.148	21.76	1552.

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
32	460-32218-U-6-A	27370.	-1.052	.0013	- .1204	171.0	2690.
33	460-32218-U-7-A	45720.	- .4172	1.439	- .2301	14280.	2987.
34	460-32016-K-1-B	H317700.	-5.400	1.005	1.192	H254900.	136200.
35	460-32016-K-2-B	116000.	-1.103	.3125	- .8124	272.3	25510.
36	460-32016-K-3-B	244100.	-2.810	2.854	-1.180	20720.	26840.
37	CCV 1129170	122500.	4899.	2453.	12210.	98770.	122400.
38	CCB	-1.070	- .2952	- .0758	.0029	-5.205	12.63

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39	MB 460-89155/1-A@2	-7.885	-.0331	.1340	-.9526	-9.884
40	LCSSRM 460-89155/2-A	48070.	1152.	459.0	840.2	81800.
41	460-32001-A-7-G DU@4	5190.	117.2	28.92	46.22	43210.
42	460-32001-A-7-F@4	7112.	142.1	25.28	46.98	41820.
43	SD 460-32001-A-7-F@5	1464.	28.69	5.362	8.012	8706.
44	460-32001-D-7-0 MS@4	15600.	232.0	261.0	163.8	46200.
45	PDS 460-32001-A-7-F	26200.	332.8	494.5	281.1	42610.
46	460-32264-A-1-A@4	4099.	36.00	6.565	45.08	25730.
47	460-31970-A-3-A@4	1056.	146.1	2.507	3.141	146300.
48	460-31970-A-6-A@4	934.5	96.99	1.409	1.218	35940.
49	CCV 1129170	122600.	4911.	2460.	12240.	99050.
50	CCB	-5.167	.3819	.5906	-.7808	-8.219
51	460-31970-A-9-A@4	1755.	96.96	2.014	.6861	77130.
52	460-31970-A-10-A@4	8149.	117.5	5.951	41.94	109900.
53	460-31970-A-13-A@4	1815.	171.2	2.980	4.374	140700.
54	460-31970-A-16-A@4	8549.	204.2	5.124	11.19	H291700.
55	240-4565-G-1-A@4	4331.	30.96	38.42	22.30	37430.
56	460-32269-G-1-A@4	1780.	114.9	7.311	28.26	18430.
57	460-32269-F-2-A@4	1780.	133.9	8.779	31.79	18180.
58	460-32019-G-1-A@4	1323.	66.11	8.188	29.50	78180.
59	460-32019-G-2-A@4	1405.	44.47	7.190	15.20	26550.
60	460-32095-A-2-G@4	5473.	169.6	26.04	57.85	50040.
61	CCV 1129170	121400.	4868.	2440.	12160.	98410.
62	CCB	.9026	.1747	.1408	-.1701	8.507
63	460-32200-A-1-D@4	737.9	18.92	5.179	23.78	18660.
64	460-32200-A-2-D@4	373.3	18.93	7.652	9.057	7417.
65	460-32200-A-3-D@4	20860.	126.3	35.84	38.54	129200.
66	460-32128-D-13-M@4	168.4	7.898	-.1370	.2678	6022.
67	CCV 1129170	121300.	4865.	2439.	12190.	98290.
68	CCB	-8.147	-.9263	.2689	-.0356	-.5796
69	460-32016-K-1-B@3	114900.	-2.177	.4642	.0513	88920.
70	460-31970-A-16-A@10	3629.	85.69	1.919	4.158	123700.
71	CCV 1129170	117100.	4700.	2354.	11820.	94900.
72	CCB	.3976	-.1336	.2021	.9382	3.540

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1129170	4962.	2480.	48410.	1240.	9938.	4963.
2	ICB	-.2334	-.1239	-14.48	-.5081	-.0664	.9601
3	ICSA 1132260	-6.470	1.193	-4.744	.3918	.1305	2.789
4	ICSA 1132262	98.30	101.9	9944.	107.1	100.9	103.2
5	INT-20	18550.	10290.	2.464	1.694	2.412	-6.825
6	REPLIM	17.54	44.37	4542.	9.168	4.922	6.560
7	MB 460-89211/1-A	-.3770	.6526	-65.67	.3339	-1.286	1.179
8	LCS 460-89211/2-A	519.1	511.3	20240.	51.88	510.4	2105.
9	460-32218-U-5-B DU	355.9	4.559	25330.	.3522	-.9694	1.423

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
10	460-32218-U-5-A	355.0	5.187	25130.	.3935	-1.092	2.814
11	SD 460-32218-U-5-A@5	71.82	2.099	4658.	.2580	-.2840	1.541
12	460-32218-U-5-C MS	852.3	498.8	44330.	49.82	497.2	2056.
13	CCV 1129170	5028.	2506.	49280.	1264.	10010.	5132.
14	CCB	-.0674	1.251	-50.76	.6701	-1.127	2.067
15	PDS 460-32218-U-5-A	856.8	506.8	45070.	59.53	501.3	2083.
16	460-31767-G-7-B	1.751	1.837	500.5	.2996	-.6774	.1909
17	460-31767-G-8-B	759.0	5.343	588.5	.5954	-1.118	2.903
18	460-31767-G-9-B	26.76	6.642	550.9	.1589	-1.089	.2026
19	460-31767-G-10-B	281.0	2.311	1385.	.4403	-1.933	1.615
20	460-31767-G-11-B	414.1	1.383	501.4	.3745	.0593	.3850
21	460-31767-G-12-B	41.20	15.66	1373.	.6385	-1.882	.7030
22	460-31767-G-13-B	168.4	.6871	733.0	.2226	-.8220	.6871
23	460-31767-G-14-B	232.1	2.774	961.5	.4408	-1.354	.7245
24	460-31767-G-15-B	-.3393	1.034	-52.20	.2565	-.7560	1.169
25	CCV 1129170	4975.	2473.	48610.	1251.	9855.	5064.
26	CCB	-.2200	1.351	-46.20	.8976	-2.235	-.2541
27	460-32053-E-1-B	546.6	2.578	7473.	.3240	-1.515	.1603
28	460-32053-E-2-B	-.5563	1.335	6845.	.4090	-.5299	-.3224
29	460-32218-U-2-A	-.3710	1.300	-41.00	.3658	-.8358	-.2369
30	460-32218-U-3-A	1625.	372.0	19930.	.6108	-.6932	-.6204

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31	460-32218-U-4-A	421.6	13.27	69150.	.1560	-2.127	4.513
32	460-32218-U-6-A	612.2	4.579	40910.	.5592	-1.853	-.4429
33	460-32218-U-7-A	3166.	2.693	7162.	.4657	-.3327	2.222
34	460-32016-K-1-B	H12270.	5.810	44570.	1.741	8.946	4.396
35	460-32016-K-2-B	373.9	1.381	13190.	.6983	-.5723	-.5154
36	460-32016-K-3-B	2303.	6.791	12350.	.7930	.2721	3.050
37	CCV 1129170	4841.	2406.	48690.	1232.	9598.	4915.
38	CCB	-.1308	.8447	-10.42	.4107	.0442	-.5427
39	MB 460-89155/1-A@2	-.2334	-.4697	-24.26	-.0205	.8086	-.0134
40	LCSSRM 460-89155/2-A	2677.	660.7	18230.	149.2	414.0	1380.
41	460-32001-A-7-G DU@4	352.9	45.13	2506.	.2712	236.3	1.603
42	460-32001-A-7-F@4	325.9	45.94	2858.	.5913	472.0	3.684
43	SD 460-32001-A-7-F@5	67.05	10.55	478.6	.0545	97.82	.1941
44	460-32001-D-7-O MS@4	600.8	281.0	12240.	23.14	458.9	885.5
45	PDS 460-32001-A-7-F	807.9	516.2	20980.	54.11	934.5	1824.
46	460-32264-A-1-A@4	133.0	18.26	1161.	1.029	1521.	5.294
47	460-31970-A-3-A@4	21.78	6.998	4473.	.6849	32.97	5.276
48	460-31970-A-6-A@4	23.29	5.225	3757.	-.1789	17.18	3.153
49	CCV 1129170	4855.	2410.	48870.	1235.	9606.	4926.
50	CCB	-.0657	1.072	-58.27	.4698	-.6078	2.498
51	460-31970-A-9-A@4	23.00	4.959	3062.	.3578	27.25	4.689
52	460-31970-A-10-A@4	172.6	17.91	6579.	.8167	89.15	4.024
53	460-31970-A-13-A@4	30.00	10.92	5392.	.9581	32.54	8.069
54	460-31970-A-16-A@4	61.21	14.42	5758.	1.845	135.7	15.01
55	240-4565-G-1-A@4	2157.	24.14	1180.	.4107	97.24	.9374
56	460-32269-G-1-A@4	268.7	18.67	634.1	.3827	36.09	.3538
57	460-32269-F-2-A@4	284.9	21.49	677.9	-.2498	40.97	1.203
58	460-32019-G-1-A@4	786.6	18.40	1472.	.1936	24.41	2.137
59	460-32019-G-2-A@4	203.5	19.81	1065.	-.2855	17.99	3.712
60	460-32095-A-2-G@4	547.1	51.30	3557.	.5369	88.62	-.0785
61	CCV 1129170	4808.	2382.	48750.	1228.	9493.	4897.
62	CCB	-.0219	.4848	-49.84	.7856	.0227	-.3539
63	460-32200-A-1-D@4	43.75	11.73	325.2	.7639	112.1	1.458

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
64	460-32200-A-2-D@4	26.18	13.59	145.9	.2005	18.75	2.014
65	460-32200-A-3-D@4	1559.	88.05	10270.	.8921	41.76	6.132
66	460-32128-D-13-M@4	4.077	.6506	-40.69	.2513	3.238	.4736
67	CCV 1129170	4807.	2398.	49000.	1231.	9476.	4905.
68	CCB	.0770	.5113	-64.79	.8862	-.4511	-.2019
69	460-32016-K-1-B@3	4379.	2.944	12930.	.7993	2.745	1.757
70	460-31970-A-16-A@10	25.90	6.957	2260.	.9673	56.45	6.476
71	CCV 1129170	4649.	2305.	47660.	1190.	9242.	4766.
72	CCB	.1746	1.347	-43.17	.2787	-.9778	-.9848

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1129170	122600.	4949.	2486.	2466.	995.6	2480.
2	ICB	-236.0	.8268	-.1548	.7649	.4401	-.1415
3	ICSA 1132260	-870.9	-7.767	2.838	8.542	-1.900	-3.811
4	ICSAB 1132262	9534.	97.27	105.2	108.4	101.8	100.0
5	INT-20	-424.7	-6.691	19130.	.1989	8.965	9982.
6	REPLIM	4675.	10.32	53.08	35.10	49.14	23.06
7	MB 460-89211/1-A	-357.1	2.772	.0885	-.7276	-.5651	-.8257
8	LCS 460-89211/2-A	18910.	2042.	501.7	501.2	505.2	498.0
9	460-32218-U-5-B DU	20050.	4.225	2.061	4.454	189.6	-1.575
10	460-32218-U-5-A	19780.	3.168	2.174	3.646	189.2	-.8469
11	SD 460-32218-U-5-A@5	3614.	2.800	.3093	1.364	39.32	-.7314
12	460-32218-U-5-C MS	39010.	1987.	490.6	488.4	680.0	483.8
13	CCV 1129170	124000.	5040.	2509.	2426.	1011.	2487.
14	CCB	-516.0	4.219	.1382	.3040	1.241	-1.057
15	PDS 460-32218-U-5-A	39310.	2013.	494.0	492.9	691.9	492.1
16	460-31767-G-7-B	10110.	5.114	-.1127	1.064	29.51	-.2205
17	460-31767-G-8-B	4790.	3.306	-.1627	11.33	43.84	-.4572
18	460-31767-G-9-B	23060.	4.515	-.0522	1.380	100.2	9.240
19	460-31767-G-10-B	10830.	6.763	-.2256	1.999	33.40	-1.730
20	460-31767-G-11-B	10240.	4.016	-.1528	1.771	38.48	1.056
21	460-31767-G-12-B	1778.	4.862	.1199	18.63	25.03	2.354
22	460-31767-G-13-B	2940.	2.749	-.3251	.9181	29.04	-.7673

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23	460-31767-G-14-B	11820.	4.023	.0273	16.34	40.28
24	460-31767-G-15-B	-147.6	1.700	-.1142	1.450	62.88
25	CCV 1129170	122500.	4968.	2477.	2397.	994.3
26	CCB	-445.4	7.319	.4530	1.205	1.536
27	460-32053-E-1-B	15000.	4.759	.0432	1.793	44.73
28	460-32053-E-2-B	15390.	4.330	.2173	1.608	45.30
29	460-32218-U-2-A	-583.7	3.255	-.0653	-.0073	.8053
30	460-32218-U-3-A	79080.	4.625	47.31	6.454	115.9
31	460-32218-U-4-A	15080.	4.697	13.61	4.279	153.2
32	460-32218-U-6-A	69440.	4.648	.2807	1.029	389.9
33	460-32218-U-7-A	13740.	5.226	1.984	2.728	303.9
34	460-32016-K-1-B	H622500.	-5.442	10.72	6.193	705.9
35	460-32016-K-2-B	80040.	5.025	2.527	.3250	210.4
36	460-32016-K-3-B	199300.	2.530	4.458	1.959	230.3
37	CCV 1129170	122900.	4846.	2436.	2364.	962.7
38	CCB	-426.3	4.266	.0024	.6874	1.527
39	MB 460-89155/1-A@2	-34.38	-1.114	-.0412	.0742	.2207
40	LCSSRM 460-89155/2-A	3956.	606.4	557.0	2800.	654.5
41	460-32001-A-7-G DU@4	141.8	1.440	151.2	566.7	11.08

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
42	460-32001-A-7-F@4	194.3	3.519	172.8	617.1	9.592	1.999
43	SD 460-32001-A-7-F@5	-327.5	3.743	35.26	129.9	2.052	-.5077
44	460-32001-D-7-0 MS@4	8991.	906.0	387.8	741.3	231.5	220.8
45	PDS 460-32001-A-7-F	17970.	1862.	635.3	1067.	468.3	467.9
46	460-32264-A-1-A@4	-255.8	2.007	67.00	90.44	7.726	1.459
47	460-31970-A-3-A@4	307.2	-1.732	152.0	31.34	28.74	20.11
48	460-31970-A-6-A@4	523.4	-.5625	46.69	22.14	26.87	3.661
49	CCV 1129170	122700.	4858.	2442.	2373.	958.4	2434.
50	CCB	-441.8	4.526	.0423	.3740	.2968	-.0541
51	460-31970-A-9-A@4	89.09	1.992	113.9	20.47	21.67	11.84
52	460-31970-A-10-A@4	293.1	-.6518	135.1	171.6	53.78	10.18
53	460-31970-A-13-A@4	1586.	-1.688	170.5	43.10	33.09	25.90
54	460-31970-A-16-A@4	2025.	-4.782	266.5	65.68	29.13	58.68
55	240-4565-G-1-A@4	-261.4	.6137	65.81	71.02	3.205	.5670
56	460-32269-G-1-A@4	-218.3	.4456	35.60	124.3	3.097	-.3418
57	460-32269-F-2-A@4	-409.4	-.6089	36.06	168.0	2.444	.6129
58	460-32019-G-1-A@4	-430.8	-.5772	96.88	66.34	6.193	1.190
59	460-32019-G-2-A@4	-190.9	1.800	62.94	53.12	4.896	.3762
60	460-32095-A-2-G@4	209.8	4.560	102.3	920.0	7.728	.7050
61	CCV 1129170	122100.	4795.	2420.	2331.	954.9	2415.
62	CCB	-417.1	3.401	.4161	.8348	.0511	-1.398
63	460-32200-A-1-D@4	-262.1	2.206	21.91	29.81	.9778	3.062
64	460-32200-A-2-D@4	-256.6	.2213	11.13	31.12	1.256	2.169
65	460-32200-A-3-D@4	-139.7	.0899	146.8	270.5	43.11	3.610
66	460-32128-D-13-M@4	-227.2	2.093	7.841	3.239	-.3707	.3367
67	CCV 1129170	122500.	4845.	2420.	2342.	959.7	2434.
68	CCB	-365.6	5.861	.2695	.4592	1.021	.1466
69	460-32016-K-1-B@3	227300.	3.064	3.422	2.209	234.5	-2.027
70	460-31970-A-16-A@10	578.8	2.255	111.6	28.90	12.89	23.21
71	CCV 1129170	119600.	4673.	2340.	2251.	930.2	2342.
72	CCB	-492.2	2.691	.3235	.4680	.5582	.0092

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 1129170	996.3	9985.	1049.92
2	ICB	-.2354	-.4705	1059.04
3	ICSA 1132260	4.676	-1.570	1010.83
4	ICSAB 1132262	105.8	103.7	989.996
5	INT-20	2.292	18910.	1065.71
6	REPLIM	50.87	22.54	1068.54
7	MB 460-89211/1-A	2.257	-.2366	1107.29
8	LCS 460-89211/2-A	506.3	513.3	1105.44
9	460-32218-U-5-B DU	1.174	-.2117	1113.22
10	460-32218-U-5-A	.7057	.0702	1111.43
11	SD 460-32218-U-5-A@5	2.768	-.0228	1093.54
12	460-32218-U-5-C MS	494.5	500.1	1126.27
13	CCV 1129170	1004.	10020.	1042.24
14	CCB	2.762	.6151	1111.49

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15	PDS 460-32218-U-5-A	498.3	506.4	1094.91
16	460-31767-G-7-B	1.289	-.3052	1098.92
17	460-31767-G-8-B	3.671	-.2810	1080.66
18	460-31767-G-9-B	1.794	-.3954	1091.24
19	460-31767-G-10-B	2.350	-.2319	1088.58

□

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#	Sample Name	Sn1899	Ti3349	*Y
20	460-31767-G-11-B	3.454	-.4719	1077.05
21	460-31767-G-12-B	1.803	-.4230	1085.08
22	460-31767-G-13-B	3.213	-.3448	1078.73
23	460-31767-G-14-B	2.367	-.3186	1084.47
24	460-31767-G-15-B	2.152	-.1309	1086.23
25	CCV 1129170	997.3	9897.	1044.2
26	CCB	-.6378	.3914	1105.19
27	460-32053-E-1-B	2.260	-.5873	1085
28	460-32053-E-2-B	.9578	-.5506	1062.82
29	460-32218-U-2-A	1.302	.0137	1085.95
30	460-32218-U-3-A	3.126	.1297	1109.75
31	460-32218-U-4-A	3.561	.1315	1074.25
32	460-32218-U-6-A	3.080	-.1571	1079.15
33	460-32218-U-7-A	2.519	.6755	1067.72
34	460-32016-K-1-B	4.254	-.9496	1036.56
35	460-32016-K-2-B	1.803	.1630	1052.91
36	460-32016-K-3-B	2.538	.2463	1049.44
37	CCV 1129170	994.6	9854.	1046.58
38	CCB	.9148	.4174	1048.77
39	MB 460-89155/1-A@2	.3903	-.5976	1059.24
40	LCSSRM 460-89155/2-A	542.6	1787.	1109.84
41	460-32001-A-7-G DU@4	9.186	1640.	1130.7
42	460-32001-A-7-F@4	9.096	1724.	1133.92
43	SD 460-32001-A-7-F@5	3.557	357.7	1099.17
44	460-32001-D-7-O MS@4	237.9	2087.	1136.66
45	PDS 460-32001-A-7-F	477.8	2204.	1127.11
46	460-32264-A-1-A@4	17.51	225.5	1115.97
47	460-31970-A-3-A@4	4.073	191.7	1097.52
48	460-31970-A-6-A@4	3.596	168.9	1090.82
49	CCV 1129170	996.2	9868.	1057.2
50	CCB	1.767	.3910	1106.81
51	460-31970-A-9-A@4	2.596	209.6	1098.44
52	460-31970-A-10-A@4	7.545	252.6	1078.53
53	460-31970-A-13-A@4	5.223	211.2	1096.65
54	460-31970-A-16-A@4	6.298	185.0	1135.4
55	240-4565-G-1-A@4	4.007	450.3	1112.75
56	460-32269-G-1-A@4	3.514	325.0	1077.75
57	460-32269-F-2-A@4	2.122	342.4	1086.06
58	460-32019-G-1-A@4	3.920	693.6	1086.32
59	460-32019-G-2-A@4	2.224	571.9	1088.08
60	460-32095-A-2-G@4	9.494	1939.	1127.06
61	CCV 1129170	986.5	9807.	1049.89
62	CCB	2.825	.6750	1086.15
63	460-32200-A-1-D@4	6.117	263.6	1086.74
64	460-32200-A-2-D@4	3.615	138.2	1086.12
65	460-32200-A-3-D@4	4.770	1291.	1144.33
66	460-32128-D-13-M@4	3.679	70.52	1078.48
67	CCV 1129170	984.2	9819.	1056.75
68	CCB	1.619	.4882	1080.69
69	460-32016-K-1-B@3	3.822	-.3544	1068.7
70	460-31970-A-16-A@10	2.788	77.52	1090.49
71	CCV 1129170	951.1	9500.	1079.29
72	CCB	3.560	.9458	1078.45

□

Method: SW846 Standard: T2CAL-BLK
Run Time: 10/12/11 17:32:24

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	.3923	.0019	-.0486	.0000	-.0718	-.0582	.1669

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SDev	.0016	.0227	.0247	.0000	.0002	.0016	.0014
%RSD	.4072	1207.	50.86	.0000	.3152	2.796	.8662
#1	.3911	.0179	-.0311	.0000	-.0720	-.0594	.1659
#2	.3934	-.0142	-.0660	.0000	-.0716	-.0571	.1679

□□Standardization Rpt. 10/12/11 05:38:31 PM page 2

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0146	-.0047	.0372	-.0042	-.1240	.0038	-.0627
SDev	.0007	.0040	.0006	.0020	.0168	.0000	.0220
%RSD	4.629	84.81	1.723	47.08	13.51	.0672	35.15
#1	.0141	-.0075	.0377	-.0057	-.1122	.0038	-.0471
#2	.0151	-.0019	.0368	-.0028	-.1359	.0038	-.0783
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	13.16	-.1462	.3560	-.1179	.0028	.0240	-.0009
SDev	.01	.0039	.0124	.0039	.0040	.0020	.0027
%RSD	.0392	2.670	3.492	3.327	141.4	8.252	283.0
#1	13.17	-.1489	.3648	-.1206	.0057	.0254	-.0028
#2	13.16	-.1434	.3472	-.1151	.0000	.0226	.0009
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1042	-.0844	-.0273	.2669	-.0325	-.2183	.1014
SDev	.0127	.0207	.0013	.0295	.0140	.0005	.0247
%RSD	12.23	24.56	4.809	11.06	42.98	.2382	24.40
#1	.0952	-.0697	-.0283	.2460	-.0424	-.2187	.0839
#2	.1132	-.0991	-.0264	.2877	-.0226	-.2179	.1189
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1060	--	--	--	--	--	--
SDev	.7128037	--	--	--	--	--	--
%RSD	.0672157	--	--	--	--	--	--
#1	1061	--	--	--	--	--	--
#2	1060	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 10/12/11 17:38:34

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	55.20	4.130	26.41	15.91	11.36	57.99	71.05
SDev	.45	.034	.30	.13	.10	.61	.63
%RSD	.8189	.8319	1.123	.7912	.9229	1.058	.8887
#1	55.52	4.154	26.62	16.00	11.43	58.42	71.50
#2	54.88	4.106	26.20	15.82	11.29	57.55	70.61
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	18.20	3.684	12.20	21.04	32.84	15.17	13.51
SDev	.17	.028	.09	.21	.25	.13	.11
%RSD	.9205	.7633	.7339	.9835	.7650	.8655	.8094
#1	18.32	3.704	12.26	21.18	33.01	15.26	13.58
#2	18.08	3.664	12.13	20.89	32.66	15.07	13.43
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.948	12.70	4.409	4.388	2.198	25.31	4.264
SDev	.020	.01	.036	.036	.016	.17	.093
%RSD	.5123	.0901	.8147	.8300	.7388	.6757	2.176
#1	3.963	12.70	4.434	4.413	2.209	25.43	4.330
#2	3.934	12.69	4.383	4.362	2.186	25.19	4.199
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	45.89	68.64	63.49	11.10	9.935		
SDev	.37	.40	.48	.04	.123		
%RSD	.7981	.5818	.7617	.3606	1.243		

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#1 46.15 68.92 63.83 11.12 10.02 ☐Standardization Rpt.
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#2	45.63	68.35	63.15	11.07	9.848		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1060	--	--	--	--	--	--
SDev	8.473974	--	--	--	--	--	--
%RSD	.7995401	--	--	--	--	--	--
#1	1054	--	--	--	--	--	--
#2	1066	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
 Run Time: 10/12/11 17:44:43

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	270.6	20.35	129.1	75.93	54.09	270.5	333.1
SDev	.1	.03	.1	.12	.05	.4	.6
%RSD	.0215	.1673	.0917	.1604	.0925	.1618	.1874
#1	270.6	20.32	129.2	75.84	54.12	270.8	333.5
#2	270.7	20.37	129.0	76.01	54.05	270.2	332.6
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	86.36	17.58	59.83	99.88	167.0	71.44	63.64
SDev	.15	.04	.03	.06	.0	.09	.14
%RSD	.1785	.2136	.0553	.0626	.0017	.1315	.2247
#1	86.47	17.61	59.80	99.92	167.0	71.50	63.74
#2	86.25	17.56	59.85	99.83	167.0	71.37	63.54
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	20.15	61.29	21.19	20.04	10.88	120.7	20.99
SDev	.01	.09	.02	.01	.01	.2	.03
%RSD	.0291	.1411	.0899	.0310	.0973	.1705	.1482
#1	20.15	61.35	21.20	20.05	10.87	120.5	21.01
#2	20.15	61.23	21.17	20.04	10.89	120.8	20.97
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	219.4	324.7	303.4	55.68	48.77		
SDev	.0	.4	.3	.33	.09		
%RSD	.0188	.1121	.1018	.5842	.1919		
#1	219.5	324.5	303.2	55.45	48.83		
#2	219.4	325.0	303.6	55.91	48.70		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1054	--	--	--	--	--	--
SDev	.0792388	--	--	--	--	--	--
%RSD	.0075201	--	--	--	--	--	--
#1	1054	--	--	--	--	--	--
#2	1054	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
 Run Time: 10/12/11 17:50:51

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	549.3	41.95	261.9	149.3	107.6	532.1	651.6
SDev	.0	.05	.2	.1	.1	.4	.3
%RSD	.0012	.1309	.0865	.0484	.1262	.0662	.0483
#1	549.3	41.99	262.1	149.3	107.7	531.8	651.8

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#2	549.3	41.91	261.8	149.2	107.5	532.3	651.4
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	172.1	35.21	121.8	199.2	348.8	140.5	126.2
SDev	.0	.04	.1	.1	.1	.0	.1
%RSD	.0213	.1247	.0678	.0419	.0171	.0269	.0625
#1	172.2	35.25	121.8	199.2	348.7	140.5	126.2
#2	172.1	35.18	121.9	199.1	348.8	140.4	126.3

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Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	594.6	42.00	159.4	123.3	42.63	39.40	22.39
SDev	1.3	.02	.2	.2	.01	.04	.06
%RSD	.2183	.0411	.1205	.1345	.0232	.1034	.2720
#1	593.7	41.98	159.6	123.2	42.63	39.43	22.35
#2	595.5	42.01	159.3	123.4	42.64	39.37	22.44
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	241.4	42.37	437.6	651.7	604.2	116.3	101.0
SDev	.5	.06	.3	.2	4.1	.0	.6
%RSD	.2094	.1328	.0653	.0370	.6846	.0294	.5859
#1	241.1	42.33	437.4	651.9	601.3	116.3	100.6
#2	241.8	42.41	437.8	651.5	607.1	116.3	101.5
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1019	--	--	--	--	--	--
SDev	.4355974	--	--	--	--	--	--
%RSD	.0427450	--	--	--	--	--	--
#1	1019	--	--	--	--	--	--
#2	1019	--	--	--	--	--	--

Method: SW846

Slope = Conc(SIR)/IR

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	458.433	-180.520	10/12/11 05:50:51
Sb2068	206.838	Multiple	Standards	49.6574	-.089040	10/12/11 05:50:51
As1890	189.042	Multiple	Standards	38.2426	1.76879	10/12/11 05:50:51
Ba4934	493.409	Multiple	Standards	130.395	-.645653	10/12/11 05:50:51
Be3130	313.042	Multiple	Standards	18.1572	1.23865	10/12/11 05:50:51
Cd2265	226.502	Multiple	Standards	9.09702	.300993	10/12/11 05:50:51
Ca3179	317.933	Multiple	Standards	370.233	-72.5494	10/12/11 05:50:51
Cr2677	267.716	Multiple	Standards	56.9860	-1.13723	10/12/11 05:50:51
Co2286	228.616	Multiple	Standards	141.059	.531112	10/12/11 05:50:51
Cu3247	324.754	Multiple	Standards	206.621	-7.77878	10/12/11 05:50:51
Fe2714	271.441	Multiple	Standards	987.320	-1.92515	10/12/11 05:50:51
Mg3832	383.231	Multiple	Standards	740.494	97.3572	10/12/11 05:50:51
Mn2576	257.610	Multiple	Standards	69.0125	-.656812	10/12/11 05:50:51
Ni2316	231.604	Multiple	Standards	38.5372	2.22280	10/12/11 05:50:51
K_7664	766.491	T2CAL3	T2CAL-BLK	1.09381	-1.18337	10/12/11 05:50:51
Ag3280	328.068	Multiple	Standards	60.5931	8.87538	10/12/11 05:50:51
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.07041	-.192477	10/12/11 05:50:51
Tl1908	190.864	Multiple	Standards	80.3828	9.24999	10/12/11 05:50:51
V_2924	292.402	Multiple	Standards	115.935	-.428305	10/12/11 05:50:51
Zn2062	206.200	Multiple	Standards	121.770	-3.20163	10/12/11 05:50:51
B_2496	249.678	Multiple	Standards	91.1815	.093616	10/12/11 05:50:51
Mo2020	202.030	Multiple	Standards	20.4356	-2.25447	10/12/11 05:50:51
Sn1899	189.989	Multiple	Standards	47.2200	3.95475	10/12/11 05:50:51

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Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	44.9291	.696151	10/12/11 05:50:51
2203/1	220.351	Multiple	Standards	30.3993	-8.68340	10/12/11 05:50:51

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2203/2	220.352	Multiple	Standards	32.3876	89211v1 .507318	10/12/11 05:50:51
1960/1	196.021	Multiple	Standards	87.8867	19.2570	10/12/11 05:50:51
1960/2	196.022	Multiple	Standards	100.547	-10.1295	10/12/11 05:50:51

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-.687011	.687011
		T2CAL1	25000.0	25124.9	-124.922
		T2CAL2	125000.	123886.	1114.49
		T2CAL3	250000.	251623.	-1622.92

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.004233	-.004233
		T2CAL1	200.000	204.993	-4.99329
		T2CAL2	1000.00	1010.29	-10.2877
		T2CAL3	2000.00	2083.18	-83.1816

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.088711	.088711
		T2CAL1	1000.00	1011.66	-11.6630
		T2CAL2	5000.00	4938.22	61.7769
		T2CAL3	10000.0	10018.6	-18.6240

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.645653	.645653
		T2CAL1	2000.00	2073.97	-73.9673
		T2CAL2	10000.0	9899.74	100.263
		T2CAL3	20000.0	19460.9	539.148

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.065121	.065121
		T2CAL1	200.000	207.493	-7.49290
		T2CAL2	1000.00	983.333	16.6668
		T2CAL3	2000.00	1955.35	44.6511

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.228710	.228710
		T2CAL1	500.000	527.805	-27.8055
		T2CAL2	2500.00	2461.35	38.6465
		T2CAL3	5000.00	4840.67	159.333

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-10.7548	10.7548
		T2CAL1	25000.0	26234.1	-1234.05
		T2CAL2	125000.	123242.	1758.29
		T2CAL3	250000.	241176.	8823.94

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☐ Standardization

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CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.304297	.304297
		T2CAL1	1000.00	1035.84	-35.8384
		T2CAL2	5000.00	4920.01	79.9946
		T2CAL3	10000.0	9808.36	191.645

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.133774	.133774
		T2CAL1	500.000	520.140	-20.1397
		T2CAL2	2500.00	2480.88	19.1167
		T2CAL3	5000.00	4967.82	32.1826

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

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Cu3247	324.754	T2CAL-BLK	.000000	-.082691	.082691
		T2CAL1	2500.00	2512.44	-12.4402
		T2CAL2	12500.0	12353.6	146.352
		T2CAL3	25000.0	25168.3	-168.303
CorCoef: 0.99995					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-6.11407	6.11407
		T2CAL1	20000.0	20767.1	-767.104
		T2CAL2	100000.	98607.7	1392.28
		T2CAL3	200000.	196648.	3352.23
CorCoef: 0.99999					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	5.53080	-5.53080
		T2CAL1	25000.0	24413.0	586.994
		T2CAL2	125000.	123761.	1239.27
		T2CAL3	250000.	258348.	-8348.48
CorCoef: 0.99976					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.396504	.396504
		T2CAL1	1000.00	1046.07	-46.0695
		T2CAL2	5000.00	4929.39	70.6055
		T2CAL3	10000.0	9692.52	307.483
CorCoef: 0.99995					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.194072	.194072
		T2CAL1	500.000	522.708	-22.7080
		T2CAL2	2500.00	2454.87	45.1309
		T2CAL3	5000.00	4867.00	132.996
CorCoef: 0.99997					
Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	13.2139	13.1625	.051414
		T2CAL3	649.204	594.607	54.5972

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.019097	-.019097
		T2CAL1	250.000	248.113	1.88742
		T2CAL2	1250.00	1229.80	20.2013
		T2CAL3	2500.00	2553.49	-53.4871
CorCoef: 0.99981					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000
Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.188557	.355969	-.167412
		T2CAL3	170.478	159.443	11.0344
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.224782	.224782
		T2CAL1	1000.00	1029.76	-29.7606
		T2CAL2	5000.00	4935.60	64.3970
		T2CAL3	10000.0	9921.74	78.2578
CorCoef: 0.99999					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.100489	.100489
		T2CAL1	500.000	510.701	-10.7011

		89211v1			
		T2CAL2	2500.00	2455.92	44.0774
		T2CAL3	5000.00	4942.16	57.8413
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
Zn2062	206.200	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.273649	.273649
		T2CAL1	500.000	531.067	-31.0671
		T2CAL2	2500.00	2437.58	62.4246
		T2CAL3	5000.00	4794.59	205.412
CorCoef: 0.99993					
Element	Wavelength	Standard	Known	Measured	Residual
B_2496	249.678	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	.007716	-.007716
		T2CAL1	200.000	200.468	-.468048
		T2CAL2	1000.00	992.260	7.74005
		T2CAL3	2000.00	2041.94	-41.9398
CorCoef: 0.99989					
Element	Wavelength	Standard	Known	Measured	Residual
Mo2020	202.030	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.125017	.125017
		T2CAL1	500.000	515.014	-15.0140
		T2CAL2	2500.00	2463.41	36.5933
		T2CAL3	5000.00	4931.42	68.5825

CorCoef: 0.99999
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Element	Wavelength	Standard	Known	Measured	Residual
Sn1899	189.989	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.030771	.030771
		T2CAL1	200.000	205.308	-5.30815
		T2CAL2	1000.00	995.188	4.81195
		T2CAL3	2000.00	2004.66	-4.66211

CorCoef: 0.99999

Element	Wavelength	Standard	Known	Measured	Residual
Ti3349	334.941	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.532475	.532475
		T2CAL1	2000.00	2062.55	-62.5483
		T2CAL2	10000.0	9859.75	140.246
		T2CAL3	20000.0	19662.2	337.760

CorCoef: 0.99999

Element	Wavelength	Standard	Known	Measured	Residual
2203/1	220.351	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.570682	.570682
		T2CAL1	2000.00	2077.81	-77.8137
		T2CAL2	10000.0	9863.04	136.958
		T2CAL3	20000.0	19802.5	197.471

CorCoef: 0.99998

Element	Wavelength	Standard	Known	Measured	Residual
2203/2	220.352	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.546184	.546184
		T2CAL1	2000.00	2056.76	-56.7563
		T2CAL2	10000.0	9826.20	173.797
		T2CAL3	20000.0	19569.6	430.379

CorCoef: 0.99999

Element	Wavelength	Standard	Known	Measured	Residual
1960/1	196.021	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	.071465	-.071465
		T2CAL1	1000.00	994.490	5.51031
		T2CAL2	5000.00	4912.93	87.0718
		T2CAL3	10000.0	10242.6	-242.618

CorCoef: 0.99977

Element	Wavelength	Standard	Known	Measured	Residual
1960/2	196.022	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	.063797	-.063797
		T2CAL1	1000.00	988.796	11.2041
		T2CAL2	5000.00	4893.40	106.596
		T2CAL3	10000.0	10150.2	-150.156

CorCoef: 0.99982

Method: SW846 Sample Name: ICV 1129170 Operator:
Run Time: 10/12/11 17:57:00
Comment:
Mode: CONC Corr. Factor: 1

89211v1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124800.	995.9	4978.	9949.	993.8	2479.	124700.
SDev	83.	.2	5.	12.	2.2	3.	404.
%RSD	.0662	.0246	.1026	.1159	.2190	.1281	.3243

#1	124800.	995.7	4975.	9941.	995.3	2481.	125000.
#2	124900.	996.0	4982.	9957.	992.3	2476.	124400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4976.	2484.	12420.	99360.	124500.	4962.	2480.
SDev	10.	6.	15.	159.	68.	9.	4.
%RSD	.2067	.2290	.1214	.1603	.0542	.1817	.1678

#1	4983.	2488.	12410.	99480.	124500.	4968.	2482.
#2	4969.	2480.	12430.	99250.	124600.	4956.	2477.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5272.	2636.	13180.	105400.	131800.	5272.	2636.
Low	4728.	2364.	11820.	94560.	118200.	4728.	2364.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48410.	1240.	9938.	4963.	122600.	4949.	2486.
SDev	40.	1.	12.	6.	170.	34.	4.
%RSD	.0826	.0652	.1202	.1187	.1390	.6845	.1454

#1	48380.	1241.	9946.	4967.	122400.	4973.	2489.
#2	48430.	1240.	9929.	4959.	122700.	4926.	2484.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2466.	995.6	2480.	996.3	9985.	9918.	9948.
SDev	6.	.1	5.	3.3	7.	27.	5.
%RSD	.2260	.0119	.2080	.3272	.0668	.2698	.0458

#1	2470.	995.5	2477.	998.6	9990.	9937.	9951.	□□Analysis Report
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#2	2462.	995.7	2484.	994.0	9980.	9899.	9944.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4969.	4960.
SDev	2.	10.
%RSD	.0396	.1980

#1	4968.	4967.
#2	4970.	4953.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1050	--	--	--	--	--	--

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SDev	.0396194	--	--	--	89211v1	--	--
%RSD	.0037736	--	--	--	--	--	--
#1	1050	--	--	--	--	--	--
#2	1050	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 10/12/11 18:03:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	□□Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	

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Avge	4.324	2.984	-3.954	-.4609	-.0185	.0417	11.70
SDev	1.443	.764	.989	.0873	.0034	.0642	.39
%RSD	33.38	25.61	25.00	18.94	18.45	154.1	3.337
#1	3.303	3.524	-4.653	-.5226	-.0209	-.0037	11.98
#2	5.344	2.443	-3.255	-.3992	-.0161	.0871	11.43

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3298	-.6664	-.1700	-7.463	6.111	-.2334	-.1239
SDev	.6859	.3753	.2665	10.592	1.371	.0456	.3830
%RSD	208.0	56.32	156.8	141.9	22.43	19.53	309.2

#1	-.8149	-.9318	.0185	.0266	5.142	-.2011	-.3947
#2	.1552	-.4010	-.3584	-14.95	7.080	-.2656	.1469

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-14.48	-.5081	-.0664	.9601	-236.0	.8268	-.1548
SDev	3.22	.2544	.4396	.6469	42.9	1.195	.3870
%RSD	22.23	50.06	662.0	67.38	18.16	144.5	250.0

#1	-16.76	-.3282	.2444	1.417	-205.7	1.672	-.4285
#2	-12.21	-.6879	-.3772	.5027	-266.3	-.0179	.1189

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7649	.4401	-.1415	-.2354	-.4705	-.0292	-.0892
SDev	.0760	.1207	.0928	.6885	.0316	2.1016	1.7083
%RSD	9.930	27.43	65.57	292.5	6.718	7195.	1915.

#1	.8187	.3547	-.0759	-.7223	-.4481	-1.515	1.119
#2	.7112	.5255	-.2071	.2514	-.4928	1.457	-1.297

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.9926	1.925
SDev	3.1443	2.540
%RSD	316.8	131.9

#1	-3.216	3.721	□□Analysis Report

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#2	1.231	.1292					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1059	--	--	--	--	--	--
SDev	1.306749	--	--	--	--	--	--
%RSD	.1233895	--	--	--	--	--	--
#1	1060	--	--	--	--	--	--
#2	1058	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 1132260 Operator:
Run Time: 10/12/11 18:09:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477700.	2.287	1.429	2.837	-.1400	-.3686	459000.
SDev	1083.	.390	2.887	.001	.0234	.1219	178.
%RSD	.2267	17.05	202.0	.0240	16.72	33.08	.0388

#1	476900.	2.563	3.471	2.837	-.1235	-.4548	459100.
#2	478400.	2.011	-.6125	2.838	-.1566	-.2824	458800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	20.00	10.00	100.0	5.000	8.000	600000.
Low	400000.	-20.00	-10.00	-100.0	-5.000	-8.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.202	1.371	1.828	196800.	519000.	-6.470	1.193

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□□Analysis Report

SDev	.043	.395	.002	67.	1207.	.164	.809
%RSD	1.334	28.79	.1029	.0340	.2325	2.529	67.80

#1	-3.232	1.650	1.827	196800.	518200.	-6.354	1.765
#2	-3.172	1.092	1.830	196900.	519900.	-6.585	.6211

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	240000.	600000.	20.00	20.00
Low	-20.00	-20.00	-50.00	160000.	400000.	-20.00	-20.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.744	.3919	.1305	2.789	-870.9	-7.767	2.838
SDev	4.981	.2989	1.173	3.647	2.8	1.351	.171
%RSD	105.0	76.28	898.8	130.8	.3168	17.39	6.023

#1	-1.222	.6032	-.6989	5.367	-872.9	-6.812	2.959
#2	-8.266	.1805	.9599	.2098	-869.0	-8.722	2.717

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Low	-2000.	-10.00	-10.00	-10.00	-2000.	-20.00	-20.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.542	-1.900	-3.811	4.676	-1.570	5.318	-2.464
SDev	.253	.383	1.387	2.072	.125	1.803	.858
%RSD	2.965	20.14	36.40	44.30	7.979	33.91	34.84

#1	8.721	-1.630	-2.830	3.211	-1.658	4.043	-3.071
#2	8.363	-2.171	-4.792	6.141	-1.481	6.593	-1.857

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	30.00	30.00	50.00	30.00		
Low	-30.00	-30.00	-30.00	-50.00	-30.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-11.81	10.07
SDev	3.51	3.71
%RSD	29.74	36.90

#1	-9.325	12.69
#2	-14.29	7.439

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1011	--	--	--	--	--	--
SDev	.1979674	--	--	--	--	--	--
%RSD	.0195847	--	--	--	--	--	--

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□□Analysis Report

#1	1011	--	--	--	--	--	--
#2	1011	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 1132262 Operator:

Run Time: 10/12/11 18:15:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482700.	109.6	105.7	109.6	104.9	102.0	463000.
SDev	11582.	10.9	2.3	2.4	2.5	2.9	11289.
%RSD	2.399	9.983	2.187	2.145	2.430	2.852	2.438

#1	474500.	101.9	104.1	108.0	103.1	99.94	455000.
#2	490900.	117.4	107.4	111.3	106.7	104.0	471000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.90	103.5	111.4	198500.	524300.	98.30	101.9
SDev	2.75	3.2	3.5	4983.	12211.	2.46	4.8
%RSD	2.782	3.121	3.161	2.511	2.329	2.497	4.704

#1	96.95	101.2	108.9	194900.	515700.	96.56	98.49
#2	100.8	105.8	113.9	202000.	533000.	100.0	105.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9944.	107.1	100.9	103.2	9534.	97.27	105.2

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□□Analysis Report

SDev	256.	3.1	.3	7.9	290.	3.02	3.0
%RSD	2.577	2.854	.2591	7.685	3.042	3.101	2.847

#1	9763.	104.9	100.7	97.62	9329.	95.14	103.0

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#2	10130.	109.2	101.1	108.8	89211v1 9739.	99.40	107.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.4	101.8	100.0	105.8	103.7	111.3	95.67
SDev	5.7	1.8	6.9	4.7	2.7	.8	.00
%RSD	5.233	1.769	6.902	4.456	2.570	.7072	.0009
#1	104.3	100.5	95.12	102.4	101.8	110.8	95.67
#2	112.4	103.0	104.9	109.1	105.6	111.9	95.67
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	102.9	103.4					
SDev	13.1	5.4					
%RSD	12.71	5.189					
#1	93.66	99.58					
#2	112.2	107.2					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	990	--	--	--	--	--	--
SDev	19.44259	--	--	--	--	--	--
%RSD	1.963906	--	--	--	--	--	--
#1	1004	--	--	--	--	--	--
#2	976	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20
Run Time: 10/12/11 18:21:30
Comment:
Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.10	-19.23	-2.637	10190.	-.2492	-1.566	32.15
SDev	3.45	.27	.390	52.	.0523	.258	11.75

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□□Analysis Report

%RSD	5.066	1.426	14.79	.5067	20.98	16.49	36.54
#1	65.66	-19.43	-2.361	10230.	-.2122	-1.749	23.84
#2	70.54	-19.04	-2.913	10160.	-.2862	-1.384	40.46
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19560.	19180.	-1.088	.2202	35.13	18550.	10290.
SDev	52.	51.	.461	10.89	9.80	25.	13.
%RSD	.2647	.2642	42.39	4945.	27.89	.1367	.1272
#1	19520.	19150.	-.7620	-7.479	28.20	18540.	10280.
#2	19590.	19220.	-1.414	7.920	42.06	18570.	10300.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.464	1.694	2.412	-6.825	-424.7	-6.691	19130.
SDev	8.485	.399	.641	.893	194.4	4.335	31.

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%RSD	344.4	23.54	26.59	13.09	45.77	64.79	.1601
#1	-3.536	1.976	2.865	-6.193	-287.2	-3.626	19110.
#2	8.464	1.412	1.958	-7.456	-562.1	-9.757	19160.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1990	8.965	9982.	2.292	18910.	2.778	2.225
SDev	.0578	2.364	1.	1.661	15.	2.182	2.051
%RSD	29.06	26.37	.0074	72.48	.0818	78.54	92.18
#1	.2398	10.64	9982.	3.467	18920.	1.235	3.675
#2	.1581	7.293	9983.	1.117	18890.	4.321	.7746
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-17.96	-1.276					
SDev	2.35	.164					
%RSD	13.11	12.86					
#1	-16.29	-1.160					
#2	-19.62	-1.392					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1066	--	--	--	--	--	--
SDev	7.959181	--	--	--	--	--	--
%RSD	.7468444	--	--	--	--	--	--
#1	1060	--	--	--	--	--	--
#2	1071	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM

Operator:

Run Time: 10/12/11 18:27:38

Comment:

□ Analysis Report

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Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	254.7	10.43	6.195	208.5	2.002	4.425	5274.
SDev	5.6	1.45	1.366	.6	.012	.043	3.
%RSD	2.180	13.93	22.05	.3013	.6105	.9635	.0536
#1	258.7	11.45	5.229	208.1	2.010	4.455	5272.
#2	250.8	9.400	7.161	209.0	1.993	4.395	5276.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.18	53.46	25.29	175.3	4935.	17.54	44.37
SDev	.87	.85	.01	11.1	9.	.83	1.11
%RSD	6.615	1.598	.0388	6.317	.1894	4.718	2.501
#1	13.80	54.06	25.29	183.1	4929.	18.13	43.58
#2	12.56	52.86	25.28	167.4	4942.	16.96	45.15
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4542.	9.168	4.922	6.560	4675.	10.32	53.08
SDev	5.	1.202	1.704	1.615	23.	1.33	1.10
%RSD	.1106	13.11	34.63	24.62	.4984	12.92	2.075
#1	4545.	8.318	6.127	7.702	4659.	9.374	53.86
#2	4538.	10.02	3.717	5.418	4692.	11.26	52.30
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.10	49.14	23.06	50.87	22.54	6.397	4.182
SDev	.01	1.16	1.95	.58	.81	1.975	1.569
%RSD	.0340	2.360	8.475	1.132	3.590	30.87	37.53

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#1	35.11	49.96	24.45	51.27	23.11	7.794	5.291
#2	35.09	48.32	21.68	50.46	21.96	5.001	3.072

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	8.830	5.417
SDev	.169	2.337
%RSD	1.914	43.15

#1	8.949	7.070
#2	8.710	3.764

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	.3167824	--	--	--	--	--	--
%RSD	.0296464	--	--	--	--	--	--

#1	1068	--	--	--	--	--	--
#2	1069	--	--	--	--	--	--

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□□Analysis Report

 Method: SW846 Sample Name: MB 460-89211/1-A Operator:
 Run Time: 10/12/11 19:56:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.94	.8517	-1.121	-1.944	-.2108	-.1314	-13.54
SDev	5.23	.0292	1.645	.203	.0452	.0313	.45
%RSD	37.53	3.431	146.8	10.46	21.46	23.79	3.341

#1	17.63	.8723	-2.284	-2.088	-.2428	-.1093	-13.86
#2	10.24	.8310	.0426	-1.800	-.1788	-.1536	-13.22

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3900	-.3004	-.5899	-7.249	11.09	-.3770	.6526
SDev	.0576	.2939	.3361	.125	.39	.0361	.2906
%RSD	14.77	97.85	56.97	1.729	3.496	9.582	44.53

#1	-.3493	-.5082	-.3522	-7.337	11.37	-.4026	.4471
#2	-.4307	-.0925	-.8275	-7.160	10.82	-.3515	.8581

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-65.67	.3339	-1.286	1.179	-357.1	2.772	.0885
SDev	29.09	.3197	.112	.744	34.4	1.410	.1299
%RSD	44.30	95.75	8.712	63.08	9.646	50.84	146.9

#1	-45.10	.1078	-1.207	1.705	-332.8	3.769	-.0034
#2	-86.24	.5599	-1.366	.6532	-381.5	1.776	.1803

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

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Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7276	-.5651	-.8257	2.257	-.2366	-.3520	-1.757
SDev	.0075	.0175	.5365	.555	.0309	.2545	.041
%RSD	1.026	3.092	64.97	24.58	13.05	72.30	2.325
#1	-.7329	-.5774	-.4464	2.650	-.2147	-.1721	-1.728
#2	-.7224	-.5527	-1.205	1.865	-.2584	-.5320	-1.786
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.192	-1.832					
SDev	2.869	2.547					
%RSD	39.90	139.0					
#1	5.163	-.0308					
#2	9.221	-3.633					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1107	--	--	--	--	--	--
SDev	31.44079	--	--	--	--	--	--
%RSD	2.839441	--	--	--	--	--	--
#1	1085	--	--	--	--	--	--
#2	1130	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-89211/2-A Operator:
Run Time: 10/12/11 20:02:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2028.	510.9	2062.	2035.	49.98	52.06	20510.
SDev	24.	.0	10.	24.	.42	.16	162.
%RSD	1.162	.0025	.4721	1.170	.8464	.3092	.7908
#1	2011.	510.9	2055.	2019.	49.68	52.17	20400.
#2	2044.	510.9	2069.	2052.	50.28	51.94	20630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.7	500.3	245.2	1016.	19500.	519.1	511.3
SDev	2.0	4.5	3.3	14.	208.	4.5	2.8
%RSD	.9733	.8933	1.341	1.421	1.068	.8700	.5474
#1	202.3	497.2	242.9	1006.	19350.	515.9	509.4
#2	205.1	503.5	247.6	1026.	19640.	522.3	513.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20240.	51.88	510.4	2105.	18910.	2042.	501.7
SDev	277.	.29	5.9	26.	193.	1.	4.5

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%RSD	1.368	.5590	1.153	1.215	1.018	.0435	.9012
#1	20040.	51.68	506.2	2087.	18780.	2043.	498.5
#2	20430.	52.09	514.6	2123.	19050.	2042.	504.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	23020.	57.55	575.5	2302.	23020.	2302.	575.5
Low	16980.	42.45	424.5	1698.	16980.	1698.	424.5
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.2	505.2	498.0	506.3	513.3	505.3	512.9
SDev	1.0	1.1	.8	5.7	5.5	8.0	4.8
%RSD	.1906	.2189	.1668	1.120	1.077	1.588	.9398
#1	500.5	504.5	497.4	502.3	509.4	499.7	509.5
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#2	501.8	506.0	498.6	510.4	517.2	511.0	516.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	575.5	575.5	575.5	575.5	575.5		
Low	424.5	424.5	424.5	424.5	424.5		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2099.	2107.					
SDev	28.	24.					
%RSD	1.326	1.160					
#1	2080.	2090.					
#2	2119.	2125.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1105	--	--	--	--	--	--
SDev	11.48341	--	--	--	--	--	--
%RSD	1.038809	--	--	--	--	--	--
#1	1114	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-5-B DU Operator:

Run Time: 10/12/11 20:08:21

Comment:

Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.90	.4222	3.726	90.31	-.2559	.1691	30280.
SDev	7.09	.6664	1.260	.07	.0186	.0291	61.
%RSD	41.93	157.8	33.80	.0745	7.262	17.23	.2011
#1	11.89	-.0490	4.617	90.36	-.2427	.1485	30320.
#2	21.91	.8934	2.836	90.26	-.2690	.1897	30240.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9461	.5833	3.636	17.07	2254.	355.9	4.559
SDev	.1467	.4481	.154	6.90	3.	.6	.078

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					89211v1		
%RSD	15.50	76.81	4.235	40.43	.1433	.1576	1.710
#1	-1.050	.2665	3.527	21.95	2256.	356.3	4.504
#2	-.8424	.9002	3.745	12.19	2252.	355.5	4.615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25330.	.3522	-.9694	1.423	20050.	4.225	2.061
SDev	99.	.0218	.4504	1.788	6.	2.696	.010
%RSD	.3910	6.195	46.46	125.6	.0291	63.82	.4688
#1	25260.	.3368	-.6510	2.687	20060.	2.319	2.054
#2	25400.	.3676	-1.288	.1590	20050.	6.132	2.068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.454	189.6	-1.575	1.174	-.2117	-3.720	.3998
SDev	.913	1.8	.728	2.975	.0267	1.437	.0422
%RSD	20.49	.9321	46.25	253.4	12.61	38.63	10.55
#1	5.099	190.8	-2.090	3.278	-.2306	-2.704	.3700
#2	3.809	188.3	-1.060	-.9294	-.1928	-4.736	.4296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	8.512	-2.126					
SDev	5.270	.049					
%RSD	61.91	2.315					
#1	12.24	-2.091	Analysis Report				10/12/11 08:14:26 PM
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#2	4.786	-2.160					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.1991942	--	--	--	--	--	--
#1	1115	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-5-A Operator:

Run Time: 10/12/11 20:14:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.73	.2010	1.217	89.69	-.1645	.1466	30260.
SDev	.62	1.224	2.191	.29	.0104	.0727	155.
%RSD	4.227	608.8	180.0	.3214	6.298	49.56	.5117
#1	14.29	-.6642	-.3321	89.90	-.1572	.0952	30370.

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	#2	15.17	1.066	2.767	89.49	89211v1 -.1719	.1980	30150.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.7912	.9631	3.654	13.08	2225.	355.0	5.187	

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SDev	.0716	.2699	.116	1.30	2.	1.4	.266
%RSD	9.050	28.02	3.174	9.919	.1083	.4078	5.121
#1	-.7406	.7722	3.572	13.99	2227.	356.0	4.999
#2	-.8418	1.154	3.736	12.16	2223.	354.0	5.375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25130.	.3935	-1.092	2.814	19780.	3.168	2.174
SDev	41.	.3361	.841	2.302	200.	1.528	.161
%RSD	.1620	85.42	76.97	81.80	1.012	48.23	7.404
#1	25160.	.6312	-1.687	4.441	19920.	4.248	2.288
#2	25110.	.1558	-.4978	1.186	19630.	2.087	2.060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.646	189.2	-.8469	.7057	.0702	-2.832	-.2277
SDev	.242	1.4	1.6530	1.287	.5994	.013	1.2540
%RSD	6.630	.7190	195.2	182.3	854.3	.4713	550.7
#1	3.817	190.2	.3220	1.616	.4940	-2.842	-1.114
#2	3.475	188.3	-2.016	-.2041	-.3537	-2.823	.6590
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	11.66	-1.613					
SDev	.99	2.955					
%RSD	8.519	183.2					
#1	12.36	.4762					
#2	10.96	-3.702					
Errors	NOCHECK	NOCHECK					
High							
Low							

	1	2	3	4	5	6	7
IntStd	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Mode	Y	--	--	--	--	--	--
Elem	371.030	--	--	--	--	--	--
Wavlen	1111	--	--	--	--	--	--
Avge	1.504760	--	--	--	--	--	--
SDev	.1353893	--	--	--	--	--	--
%RSD		--	--	--	--	--	--

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#1	1110	--	--	--	--	--	--

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#2 1112 -- -- -- -- -- --

Method: SW846 Sample Name: SD 460-32218-U-5-A@5 Operator:

Run Time: 10/12/11 20:20:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.80	.5679	-1.256	16.88	-.2211	.1826	6232.
SDev	5.32	1.708	1.261	.00	.0187	.2495	23.
%RSD	23.32	300.7	100.4	.0038	8.447	136.7	.3763

#1	26.55	-.6395	-.3643	16.88	-.2079	.3590	6215.
#2	19.04	1.775	-2.147	16.88	-.2343	.0061	6248.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3279	.5934	.4404	-1.077	448.8	71.82	2.099
SDev	1.1058	1.003	.1333	7.565	5.8	.31	.822
%RSD	337.2	169.1	30.27	702.4	1.283	.4385	39.16

#1	.4540	1.303	.5347	4.272	444.7	71.59	2.681
#2	-1.110	-.1159	.3461	-6.426	452.9	72.04	1.518

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4658.	.2580	-.2840	1.541	3614.	2.800	.3093

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SDev	28.	.2737	2.2886	1.061	63.	.880	.4526
%RSD	.5916	106.1	805.8	68.84	1.741	31.44	146.4

#1	4639.	.0644	1.334	.7912	3570.	3.423	.6293
#2	4678.	.4515	-1.902	2.292	3659.	2.178	-.0108

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.364	39.32	-.7314	2.768	-.0228	-5.248	2.190
SDev	.316	.82	.4888	.214	.0869	1.771	4.315
%RSD	23.14	2.087	66.83	7.725	381.6	33.74	197.0

#1	1.587	39.90	-.3858	2.919	.0387	-6.500	5.242
#2	1.141	38.74	-1.077	2.617	-.0842	-3.996	-.8612

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10.57	-2.974
SDev	2.67	.258
%RSD	25.27	8.668

#1	8.680	-3.157
#2	12.46	-2.792

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	.0395331	--	--	--	--	--	--
%RSD	.0036152	--	--	--	--	--	--

#1	1094	--	--	--	--	--	--
#2	1094	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-5-C MS Operator:
Run Time: 10/12/11 20:26:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2000.	504.7	2035.	2090.	48.43	50.14	49400.
SDev	4.	1.8	2.	6.	.22	.33	184.
%RSD	.2166	.3567	.1215	.3034	.4571	.6665	.3716

#1	2003.	506.0	2037.	2095.	48.59	50.38	49530.
#2	1997.	503.5	2033.	2086.	48.27	49.91	49270.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	198.4	489.5	248.6	1022.	21390.	852.3	498.8
SDev	.2	1.8	.0	1.	65.	2.8	.8
%RSD	.0774	.3688	.0030	.0581	.3024	.3229	.1541

#1	198.5	490.8	248.6	1021.	21440.	854.3	498.2
#2	198.3	488.2	248.6	1022.	21350.	850.4	499.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	100000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44330.	49.82	497.2	2056.	39010.	1987.	490.6
SDev	124.	.43	.1	1.	48.	4.	1.6
%RSD	.2797	.8652	.0111	.0423	.1231	.2005	.3190

#1	44250.	50.12	497.1	2056.	39040.	1990.	491.7
#2	44420.	49.51	497.2	2057.	38970.	1984.	489.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	488.4	680.0	483.8	494.5	500.1	490.6	500.5
SDev	1.2	1.2	1.2	.9	1.8	1.0	.4
%RSD	.2513	.1811	.2509	.1877	.3588	.1939	.0784

#1	489.3	680.8	482.9	495.1	501.3	490.0	500.7
#2	487.6	679.1	484.7	493.8	498.8	491.3	500.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

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Units	ppb	ppb
Avge	2049.	2060.
SDev	10.	4.
%RSD	.5115	.1907

#1	2042.	2063.
#2	2057.	2057.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1126	--	--	--	--	--	--
SDev	1.742304	--	--	--	--	--	--
%RSD	.1546965	--	--	--	--	--	--

#1	1128	--	--	--	--	--	--
#2	1125	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1129170 Operator:

Run Time: 10/12/11 20:32:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127000.	1031.	5109.	10260.	1006.	2494.	124600.
SDev	224.	4.	3.	27.	1.	1.	184.
%RSD	.1762	.3595	.0664	.2680	.0918	.0576	.1479

#1	126800.	1028.	5111.	10240.	1006.	2495.	124700.
#2	127100.	1034.	5106.	10280.	1005.	2493.	124500.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5056.	2519.	12620.	100200.	126300.	5028.	2506.
SDev	5.	2.	22.	46.	198.	5.	3.
%RSD	.0931	.0667	.1775	.0457	.1568	.0941	.1064

#1	5059.	2521.	12610.	100200.	126100.	5031.	2508.
#2	5053.	2518.	12640.	100100.	126400.	5024.	2504.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49280.	1264.	10010.	5132.	124000.	5040.	2509.
SDev	252.	1.	9.	8.	147.	7.	.
%RSD	.5117	.1064	.0895	.1507	.1187	.1370	.0130

#1	49110.	1263.	10000.	5127.	123900.	5035.	2509.
#2	49460.	1265.	10010.	5138.	124100.	5045.	2508.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2426.	1011.	2487.	1004.	10020.	9929.	10050.
SDev	3.	1.	2.	1.	3.	6.	16.
%RSD	.1396	.0744	.0688	.1437	.0261	.0568	.1617

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#1	2428.	1011.	2486.	1005.	10020.	9933.	10030.
#2	2424.	1012.	2489.	1003.	10020.	9925.	10060.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2	Analysis Report			10/12/11 08:38:55 PM	page
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Units	ppb	ppb
Avge	5077.	5160.
SDev	17.	3.
%RSD	.3271	.0641

#1	5065.	5157.
#2	5089.	5162.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1042	--	--	--	--	--	--
SDev	2.415488	--	--	--	--	--	--
%RSD	.2317584	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1041	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/12/11 20:38:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.46	2.031	-.1068	-.1769	-.1662	.2545	1.560
SDev	5.40	2.074	.8564	.4967	.0193	.1018	4.788
%RSD	22.07	102.1	801.7	280.8	11.62	40.02	307.0
#1	28.28	.5646	.4988	.1743	-.1526	.1825	4.945
#2	20.64	3.498	-.7124	-.5282	-.1799	.3265	-1.826
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2148	.2125	.6791	-5.951	16.07	-.0674	1.251
SDev	.4330	.0898	.3763	9.424	5.83	.2182	.738
%RSD	201.6	42.24	55.41	158.4	36.25	323.5	58.95

#1	.0914	.2760	.9451	.7133	20.19	.0868	1.773
#2	-.5210	.1490	.4130	-12.61	11.95	-.2217	.7296

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-50.76	.6701	-1.127	2.067	-516.0	4.219	.1382
SDev	2.22	.2864	.066	2.257	53.5	.978	.2045
%RSD	4.374	42.74	5.865	109.2	10.36	23.18	148.0

#1	-49.19	.8726	-1.174	3.663	-478.2	4.911	.2828
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	#2	-52.33	.4676	-1.081	.4716	89211v1 -553.8	3.528	-.0064
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.3040	1.241	-1.057	2.762	.6151	-2.551	-.4206	
SDev	.0072	.120	2.421	2.526	.2859	.694	.2472	
%RSD	2.372	9.687	229.1	91.43	46.48	27.19	58.79	
#1	.2989	1.156	-2.769	4.548	.8172	-3.042	-.2458	
#2	.3091	1.326	.6550	.9764	.4129	-2.061	-.5954	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	30.00	50.00	20.00	50.00	20.00			
Low	-30.00	-50.00	-20.00	-50.00	-20.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	7.553	-.6806						
SDev	1.815	2.4771						
%RSD	24.04	364.0						
#1	8.836	1.071						
#2	6.269	-2.432						
Errors	NOCHECK	NOCHECK						
High								
Low								

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1111	--	--	--	--	--	--
SDev	2.375955	--	--	--	--	--	--
%RSD	.2137634	--	--	--	--	--	--
#1	1113	--	--	--	--	--	--
#2	1110	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-32218-U-5-A Operator:
 Run Time: 10/12/11 20:45:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2040.	507.0	2054.	2123.	48.79	50.85	49610.
SDev	56.	10.4	54.	61.	1.44	1.54	629.
%RSD	2.725	2.048	2.612	2.876	2.941	3.033	1.267
#1	2079.	514.4	2092.	2167.	49.81	51.94	50060.
#2	2001.	499.7	2016.	2080.	47.78	49.76	49170.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	200.2	494.7	251.3	1018.	21680.	856.8	506.8
SDev	6.6	15.0	8.5	27.	585.	15.3	11.1
%RSD	3.295	3.040	3.366	2.689	2.699	1.791	2.190
#1	204.8	505.3	257.3	1038.	22090.	867.7	514.7
#2	195.5	484.0	245.3	998.9	21260.	846.0	499.0

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45070.	59.53	501.3	2083.	39310.	2013.	494.0
SDev	522.	2.65	11.3	54.	579.	46.	14.3
%RSD	1.159	4.453	2.250	2.597	1.473	2.260	2.889

#1	45440.	61.41	509.3	2121.	39720.	2045.	504.1
#2	44700.	57.66	493.3	2045.	38900.	1981.	483.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.9	691.9	492.1	498.3	506.4	494.3	504.8
SDev	14.4	13.6	12.6	15.2	15.2	8.4	12.7
%RSD	2.930	1.970	2.563	3.050	3.000	1.701	2.518

#1	503.1	701.5	501.0	509.0	517.2	500.3	513.8
#2	482.7	682.2	483.2	487.6	495.7	488.4	495.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2060.	2094.
SDev	58.	52.
%RSD	2.829	2.483

#1	2101.	2131.
#2	2019.	2057.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	3.722237	--	--	--	--	--	--
%RSD	.3399576	--	--	--	--	--	--

#1	1098	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-7-B Operator:
Run Time: 10/12/11 20:51:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.32	2.199	.1069	72.51	-.2886	.0930	32680.
SDev	.95	.302	2.203	.47	.0345	.0607	239.
%RSD	3.927	13.72	2061.	.6441	11.97	65.21	.7300

#1	23.64	1.986	-1.450	72.18	-.3130	.0501	32510.
#2	24.99	2.413	1.664	72.84	-.2642	.1359	32850.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

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Elem	Cr2677	Co2286	Cu3247	Fe2714	89211v1 Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8650	.0766	-.6337	-11.85	8483.	1.751	1.837
SDev	.0021	.9950	.0538	10.33	61.	.026	.102
%RSD	.2477	1299.	8.491	87.15	.7220	1.498	5.573
#1	-.8665	-.6270	-.6718	-4.548	8440.	1.769	1.909
#2	-.8635	.7801	-.5957	-19.16	8526.	1.732	1.764
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.5	.2996	-.6774	.1909	10110.	5.114	-.1127
SDev	13.4	.4157	1.0408	.4942	80.	.119	.0014
%RSD	2.677	138.8	153.7	258.9	.7965	2.325	1.212
#1	491.0	.5936	-1.413	-.1586	10050.	5.030	-.1118
#2	509.9	.0056	.0586	.5404	10160.	5.199	-.1137

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.064	29.51	-.2205	1.289	-.3052	-3.124	.5399
SDev	.046	.39	.6289	.689	.0214	4.503	.6876
%RSD	4.345	1.335	285.3	53.42	7.000	144.1	127.4
#1	1.096	29.23	.2243	1.776	-.3203	-6.308	1.026
#2	1.031	29.79	-.6652	.8021	-.2901	.0602	.0537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.554	-3.495					
SDev	1.331	1.405					
%RSD	17.62	40.21					
#1	8.495	-4.488					
#2	6.613	-2.501					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	8.275963	--	--	--	--	--	--
%RSD	.7531024	--	--	--	--	--	--
#1	1105	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-8-B Operator:
Run Time: 10/12/11 20:57:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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					89211v1		
Avge	22.90	1.837	-.9551	1.104	-.2370	.1143	40910.
SDev	.61	.526	1.1968	.083	.0091	.2946	48.
%RSD	2.667	28.63	125.3	7.503	3.841	257.8	.1174
#1	23.33	1.465	-1.801	1.162	-.2305	-.0940	40940.
#2	22.47	2.209	-.1089	1.045	-.2434	.3226	40870.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2318	-.1208	.1559	-5.569	5914.	759.0	5.343
SDev	.2643	.3686	.1239	2.624	11.	.0	.181
%RSD	114.0	305.0	79.45	47.13	.1897	.0002	3.385
#1	.0449	-.3815	.2435	-3.713	5906.	759.0	5.215
#2	.4186	.1398	.0683	-7.424	5922.	759.0	5.471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	588.5	.5954	-1.118	2.903	4790.	3.306	-.1627
SDev	4.3	.4476	.147	2.566	8.	1.939	.0691
%RSD	.7258	75.17	13.10	88.41	.1631	58.66	42.47
#1	591.5	.9118	-1.015	4.717	4784.	1.935	-.1138
#2	585.4	.2789	-1.222	1.088	4795.	4.677	-.2116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.33	43.84	-.4572	3.671	-.2810	-1.624	-.8700
SDev	.30	.18	.9921	.278	.1485	1.644	1.0407
%RSD	2.627	.4121	217.0	7.581	52.82	101.3	119.6
#1	11.55	43.71	-1.159	3.868	-.1761	-2.786	-.1341
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#2	11.12	43.97	.2443	3.475	-.3860	-.4607	-1.606
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	13.14	-2.216					
SDev	5.36	1.174					
%RSD	40.77	52.95					
#1	16.92	-1.386					
#2	9.349	-3.046					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1081	--	--	--	--	--	--
SDev	1.544379	--	--	--	--	--	--
%RSD	.1429107	--	--	--	--	--	--

#1	1082	--	--	--	89211v1	--	--
#2	1080	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-9-B Operator:
Run Time: 10/12/11 21:03:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	

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Avge	26.16	.4081	.6076	.3707	-.3260	.0806	50550.
SDev	2.65	1.832	2.914	.0975	.0110	.0270	668.
%RSD	10.15	448.9	479.6	26.31	3.387	33.42	1.322

#1	24.28	-.8874	2.668	.3017	-.3182	.0616	50080.
#2	28.03	1.704	-1.453	.4396	-.3338	.0997	51030.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5277	.0183	-.0150	-5.586	9968.	26.76	6.642
SDev	.6353	.5420	.0994	3.933	154.	.44	.806
%RSD	120.4	2964.	662.3	70.41	1.548	1.645	12.13

#1	-.9769	-.3650	-.0853	-2.805	9859.	26.45	6.073
#2	-.0785	.4016	.0553	-8.367	10080.	27.07	7.212

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	550.9	.1589	-1.089	.2026	23060.	4.515	-.0522
SDev	22.7	.3475	1.170	1.532	312.	.376	.1497
%RSD	4.120	218.8	107.5	756.5	1.353	8.336	286.8

#1	534.8	.4046	-.2613	1.286	22840.	4.781	.0537
#2	566.9	-.0869	-1.916	-.8810	23280.	4.249	-.1581

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.380	100.2	9.240	1.794	-.3954	-4.734	.7271
SDev	1.006	3.1	.594	.278	.1015	.305	1.907
%RSD	72.92	3.106	6.431	15.52	25.66	6.453	262.3

#1	.6683	97.99	9.660	1.597	-.3237	-4.950	2.075
#2	2.091	102.4	8.820	1.991	-.4672	-4.518	-.6214

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9.541	-4.469
SDev	5.139	.268
%RSD	53.86	5.992

#1	13.17	-4.659	Analysis Report	10/12/11 09:09:36 PM	page

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#2	5.908	-4.280

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Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	13.97813	--	--	--	--	--	--
%RSD	1.280936	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1081	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-10-B Operator:
Run Time: 10/12/11 21:09:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.27	.7341	-2.531	20.50	-.2690	-.0709	54980.
SDev	2.28	.5164	1.200	.17	.0316	.2205	52.
%RSD	10.25	70.34	47.42	.8185	11.75	310.9	.0946
#1	20.66	.3689	-3.380	20.38	-.2466	.0850	54940.
#2	23.88	1.099	-1.683	20.62	-.2913	-.2268	55020.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.395	.5942	.0039	-5.136	7448.	281.0	2.311

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SDev	.075	.2748	.2990	5.734	26.	.2	.275
%RSD	5.382	46.25	7660.	111.6	.3490	.0588	11.91
#1	-1.448	.3999	-.2075	-9.191	7430.	280.9	2.505
#2	-1.341	.7885	.2153	-1.082	7466.	281.1	2.116

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1385.	.4403	-1.933	1.615	10830.	6.763	-.2256
SDev	1.	.9507	.766	.077	45.	.616	.1486
%RSD	.0615	215.9	39.62	4.761	.4134	9.112	65.87

#1	1386.	-.2319	-1.392	1.669	10800.	6.328	-.3306
#2	1385.	1.113	-2.475	1.561	10860.	7.199	-.1205

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.999	33.40	-1.730	2.350	-.2319	-5.181	-.3161
SDev	.059	.25	.423	.068	.1423	1.715	2.0042
%RSD	2.932	.7416	24.44	2.883	61.35	33.10	634.1

#1	2.040	33.23	-1.431	2.398	-.3325	-6.393	1.101
#2	1.957	33.58	-2.029	2.303	-.1313	-3.968	-1.733

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		

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Low -30.00 -10.00 -10.00 -10.00 89211v1
-10.00

Elem 1960/1 1960/2
Units ppb ppb
Avge 11.29 -3.225
SDev 2.20 1.212
%RSD 19.46 37.58

#1 9.737 -2.368
#2 12.84 -4.082

Errors NOCHECK NOCHECK
High
Low

IntStd 1 2 3 4 5 6 7
Mode Counts NOTUSED NOTUSED NOTUSED NOTUSED NOTUSED NOTUSED
Elem Y -- -- -- -- -- --
Wavlen 371.030 -- -- -- -- -- --
Avge 1089 -- -- -- -- -- --
SDev 4.276563 -- -- -- -- -- --
%RSD .3928556 -- -- -- -- -- --

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□□Analysis Report

#1 1092 -- -- -- -- -- --
#2 1086 -- -- -- -- -- --

Method: SW846 Sample Name: 460-31767-G-11-B Operator:
Run Time: 10/12/11 21:15:48
Comment:
Mode: CONC Corr. Factor: 1

Elem Al3082 Sb2068 As1890 Ba4934 Be3130 Cd2265 Ca3179
Units ppb ppb ppb ppb ppb ppb ppb
Avge 33.17 2.701 -.2197 47.78 -.3461 -.0779 64020.
SDev 4.48 3.077 .0367 .50 .0066 .0881 397.
%RSD 13.50 113.9 16.70 1.051 1.911 113.1 .6197

#1 30.00 4.877 -.2457 47.43 -.3414 -.1402 63740.
#2 36.33 .5252 -.1938 48.14 -.3507 -.0156 64310.

Errors LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass
High 250000. 2000. 10000. 20000. 2000. 5000. 250000.
Low -200.0 -10.00 -10.00 -20.00 -5.000 -5.000 -500.0

Elem Cr2677 Co2286 Cu3247 Fe2714 Mg3832 Mn2576 Ni2316
Units ppb ppb ppb ppb ppb ppb ppb
Avge -.7612 -.1937 -.1059 -12.96 8747. 414.1 1.383
SDev .1466 .2729 .2188 15.66 50. 2.7 .222
%RSD 19.26 140.9 206.6 120.8 .5762 .6521 16.05

#1 -.6576 -.3866 .0488 -1.891 8712. 412.2 1.226
#2 -.8649 -.0007 -.2607 -24.03 8783. 416.0 1.540

Errors LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass
High 10000. 5000. 25000. 200000. 250000. 10000. 5000.
Low -10.00 -10.00 -10.00 -150.0 -500.0 -10.00 -10.00

Elem K_7664 Ag3280 Pb2203 Se1960 Na3302 Tl1908 V_2924
Units ppb ppb ppb ppb ppb ppb ppb
Avge 501.4 .3745 .0593 .3850 10240. 4.016 -.1528

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□□Analysis Report

SDev 14.5 .3764 .2027 .1972 43. 2.021 .2271
%RSD 2.901 100.5 341.7 51.23 .4163 50.32 148.7

#1 491.1 .6407 -.0840 .2455 10210. 2.587 .0079
#2 511.7 .1083 .2027 .5244 10270. 5.444 -.3134

Errors LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass
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89211v1							
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.771	38.48	1.056	3.454	-.4719	-1.068	.6180
SDev	.606	.02	.152	.648	.0080	.247	.4270
%RSD	34.20	.0573	14.36	18.75	1.685	23.09	69.09
#1	2.199	38.47	1.163	2.996	-.4663	-.8937	.3161
#2	1.343	38.50	.9488	3.912	-.4775	-1.242	.9199
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.679	-2.767					
SDev	3.145	1.274					
%RSD	47.08	46.06					
#1	4.456	-1.866					
#2	8.903	-3.668					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1077	--	--	--	--	--	--
SDev	7.365149	--	--	--	--	--	--
%RSD	.6838273	--	--	--	--	--	--
#1	1082	--	--	--	--	--	--
#2	1072	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-12-B Operator:
Run Time: 10/12/11 21:21:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.29	.8750	-1.583	23.81	-.3067	.2379	76570.
SDev	.71	.4763	.765	.04	.0269	.0037	441.
%RSD	2.340	54.43	48.35	.1716	8.756	1.566	.5755
#1	29.79	.5382	-2.124	23.84	-.2877	.2353	76250.
#2	30.79	1.212	-1.042	23.78	-.3257	.2406	76880.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.224	.2045	7.740	32.64	5412.	41.20	15.66
SDev	.409	.2742	.324	6.59	9.	.37	.41
%RSD	9.687	134.1	4.187	20.18	.1576	.8955	2.605
#1	4.514	.3984	7.510	37.30	5419.	40.94	15.38
#2	3.935	.0106	7.969	27.98	5406.	41.46	15.95
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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89211v1							
Avge	1373.	.6385	-1.882	.7030	1778.	4.862	.1199
SDev	1.	.2393	1.092	.7735	215.	3.320	.1400
%RSD	.0606	37.47	58.03	110.0	12.10	68.29	116.8
#1	1372.	.4693	-1.109	.1561	1626.	2.514	.0209
#2	1374.	.8077	-2.654	1.250	1931.	7.209	.2189
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	18.63	25.03	2.354	1.803	-.4230	-5.367	-.1455
SDev	.28	.07	1.342	.512	.0644	.433	1.4212
%RSD	1.526	.2734	57.02	28.40	15.23	8.058	976.7
#1	18.43	25.08	3.303	2.165	-.4685	-5.062	.8595
#2	18.83	24.98	1.405	1.441	-.3775	-5.673	-1.150
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.720	-2.810					
SDev	1.091	.615					
%RSD	14.13	21.89					
#1	6.949	-3.245					
#2	8.491	-2.375					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1085	--	--	--	--	--	--
SDev	5.583312	--	--	--	--	--	--
%RSD	.5145512	--	--	--	--	--	--
#1	1081	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-31767-G-13-B Operator:
Run Time: 10/12/11 21:28:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.77	1.275	-.9610	1.107	-.4074	.2024	50210.
SDev	4.10	1.788	1.1057	.258	.0551	.1283	72.
%RSD	12.91	140.2	115.1	23.31	13.53	63.40	.1434
#1	28.87	.0108	-.1791	.9247	-.4464	.1117	50150.
#2	34.67	2.539	-1.743	1.290	-.3684	.2931	50260.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.253	-.1870	.8406	-6.023	6768.	168.4	.6871
SDev	.560	1.0163	.0082	2.041	6.	.4	.8066

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%RSD	44.70	543.3	.9787	33.88	89211v1 .0852	.2302	117.4
#1	-1.649	-.9057	.8348	-4.580	6772.	168.1	.1167
#2	-.8567	.5316	.8464	-7.466	6764.	168.7	1.257
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	733.0	.2226	-.8220	.6871	2940.	2.749	-.3251
SDev	.7	.2465	.4630	2.296	38.	.463	.3043
%RSD	.0907	110.8	56.33	334.1	1.288	16.84	93.61
#1	733.5	.3970	-1.149	2.311	2967.	2.421	-.5403
#2	732.6	.0483	-.4946	-.9363	2913.	3.076	-.1099
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9181	29.04	-.7673	3.213	-.3448	-4.636	1.078
SDev	.7227	.32	.0416	2.352	.0578	1.557	.083
%RSD	78.71	1.113	5.425	73.20	16.76	33.58	7.695
#1	.4071	28.82	-.7967	1.550	-.3856	-5.737	1.137
#2	1.429	29.27	-.7378	4.876	-.3039	-3.535	1.019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem 1960/1 1960/2 ☐ Analysis Report

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Units	ppb	ppb
Avge	5.710	-1.830
SDev	.706	3.090
%RSD	12.36	168.8

#1	6.209	.3546
#2	5.211	-4.015

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	1.029586	--	--	--	--	--	--
%RSD	.0954445	--	--	--	--	--	--
#1	1079	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31767-G-14-B Operator:
 Run Time: 10/12/11 21:34:14
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.42	1.064	.9013	5.066	-.2859	.2237	45910.
SDev	1.19	.347	.9194	.068	.0233	.0444	19.
%RSD	4.355	32.61	102.0	1.345	8.150	19.83	.0418
#1	26.57	1.309	.2512	5.114	-.3024	.1923	45930.

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#2 28.26 .8183 1.551 5.017 89211v1 -.2695 .2550 45900.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.229	.0760	-.4432	-2.866	14120.	232.1	2.774
SDev	.299	.0907	.1564	1.305	16.	.2	.278
%RSD	24.33	119.4	35.29	45.55	.1133	.0713	10.02

#1	-1.440	.0118	-.5538	-1.943	14130.	232.2	2.577
#2	-1.017	.1401	-.3326	-3.789	14100.	232.0	2.971

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	961.5	.4408	-1.354	.7245	11820.	4.023	.0273
SDev	6.7	.0243	1.223	.1209	69.	1.453	.5401
%RSD	.7015	5.518	90.32	16.69	.5818	36.13	1979.

#1	956.8	.4580	-.4893	.8099	11770.	2.995	-.3546
#2	966.3	.4236	-2.219	.6390	11870.	5.050	.4092

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.34	40.28	12.82	2.367	-.3186	-4.035	-.0197
SDev	.10	.30	1.56	.519	.0324	1.132	1.2685
%RSD	.6172	.7382	12.19	21.91	10.16	28.06	6444.

#1	16.41	40.07	11.72	2.000	-.2957	-3.235	.8773
#2	16.26	40.49	13.93	2.734	-.3415	-4.836	-.9166

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.889	-2.862
SDev	1.171	.766
%RSD	14.84	26.75

#1	7.061	-2.321
#2	8.716	-3.403

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1084	--	--	--	--	--	--
SDev	3.207444	--	--	--	--	--	--
%RSD	.2957619	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1082	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-31767-G-15-B Operator:
 Run Time: 10/12/11 21:40:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.99	1.807	-1.645	-1.246	-.4300	.0568	51.35
SDev	1.86	2.361	3.435	.849	.0204	.0268	.20
%RSD	5.176	130.6	208.8	68.12	4.742	47.16	.3990
#1	34.68	3.477	-4.074	-1.846	-.4444	.0758	51.49
#2	37.31	.1379	.7834	-.6457	-.4156	.0379	51.20
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6657	.1420	-.3603	-11.02	10.44	-.3393	1.034
SDev	.0001	.3672	.0022	1.25	.46	.0898	.476
%RSD	.0135	258.6	.6005	11.36	4.375	26.45	46.04
#1	-.6658	-.1176	-.3618	-11.91	10.12	-.2759	.6976
#2	-.6657	.4017	-.3587	-10.14	10.76	-.4028	1.371

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-52.20	.2565	-.7560	1.169	-147.6	1.700	-.1142
SDev	2.42	.1999	.8450	4.800	2.4	.422	.3041
%RSD	4.640	77.93	111.8	410.8	1.614	24.81	266.3
#1	-50.49	.3978	-.1585	-2.226	-145.9	1.998	.1008
#2	-53.91	.1152	-1.353	4.563	-149.3	1.402	-.3292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.450	62.88	-1.013	2.152	-.1309	-2.414	.0675
SDev	.078	.02	.372	.153	.0587	.256	1.139
%RSD	5.373	.0268	36.74	7.123	44.86	10.62	1688.
#1	1.505	62.87	-.7496	2.043	-.0894	-2.232	.8728
#2	1.395	62.89	-1.276	2.260	-.1725	-2.595	-.7378
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.282	-1.893					
SDev	3.661	5.369					
%RSD	50.27	283.6					
#1	4.694	-5.690					
#2	9.871	1.903					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd 1 2 3 4 5 6 7
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Mode	Counts	NOTUSED	NOTUSED	NOTUSED	89211v1 NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	.3167824	--	--	--	--	--	--
%RSD	.0291634	--	--	--	--	--	--
#1	1086	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1129170 Operator:
Run Time: 10/12/11 21:46:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125300.	1021.	5065.	10170.	1002.	2459.	123900.
SDev	128.	2.	17.	29.	2.	13.	279.
%RSD	.1020	.2238	.3419	.2825	.1541	.5196	.2253
#1	125300.	1019.	5052.	10190.	1001.	2450.	123700.
#2	125200.	1023.	5077.	10140.	1003.	2468.	124100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5013.	2504.	12420.	99610.	124400.	4975.	2473.
SDev	7.	2.	20.	63.	101.	6.	8.
%RSD	.1378	.0837	.1605	.0637	.0808	.1186	.3032
#1	5008.	2502.	12440.	99560.	124400.	4970.	2468.
#2	5018.	2505.	12410.	99650.	124300.	4979.	2479.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48610.	1251.	9855.	5064.	122500.	4968.	2477.
SDev	38.	.	34.	13.	64.	1.	3.
%RSD	.0789	.0310	.3494	.2651	.0522	.0275	.1192
#1	48640.	1251.	9831.	5055.	122600.	4969.	2475.
#2	48580.	1250.	9879.	5074.	122500.	4967.	2479.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2397.	994.3	2457.	997.3	9897.	9855.	9855.
SDev	16.	4.5	9.	1.7	7.	18.	43.
%RSD	.6704	.4486	.3614	.1686	.0699	.1841	.4320
#1	2386.	991.1	2450.	996.1	9902.	9842.	9825.
#2	2409.	997.4	2463.	998.5	9892.	9867.	9885.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5029.	5081.
SDev	20.	10.

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%RSD .4001 .1984

#1 5015. 5074.
#2 5044. 5089.Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1044	--	--	--	--	--	--
SDev	3.920248	--	--	--	--	--	--
%RSD	.3754293	--	--	--	--	--	--

#1 1041 -- -- -- -- -- --
#2 1047 -- -- -- -- -- --

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/12/11 21:52:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.36	.5366	-1.864	-.4687	-.2975	.3876	2.992
SDev	.09	.1892	1.274	.2502	.0124	.0699	2.097
%RSD	.3214	35.26	68.34	53.38	4.157	18.03	70.09

#1 29.30 .4028 -.9632 -.2918 -.2887 .4370 4.474
#2 29.43 .6703 -2.765 -.6457 -.3062 .3382 1.509

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7247	.0198	.0735	-2.820	16.96	-.2200	1.351
SDev	.0003	.0003	.5324	1.262	.04	.0002	.592
%RSD	.0350	1.644	724.6	44.75	.2209	.0928	43.83

#1 -.7249 .0196 -.3030 -3.712 16.98 -.2201 1.770
#2 -.7245 .0201 .4500 -1.927 16.93 -.2198 .9322

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-46.20	.8976	-2.235	-.2541	-445.4	7.319	.4530
SDev	11.48	.3451	1.781	3.1408	55.5	1.288	.2211
%RSD	24.85	38.44	79.65	1236.	12.47	17.59	48.82

#1 -38.09 .6536 -.9764 1.967 -406.1 8.229 .2966
#2 -54.32 1.142 -3.494 -2.475 -484.6 6.408 .6094

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.205	1.536	-1.626	-.6378	.3914	-9.272	1.274
SDev	.154	.758	.314	.6326	.2589	1.362	1.990
%RSD	12.76	49.34	19.28	99.18	66.14	14.69	156.2

#1 1.314 2.072 -1.404 -1.085 .5744 -8.309 2.681 ☐Analysis Report
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#2	1.096	1.000	-1.848	-.1905	.2083	-10.23	-.1332
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.571	-3.671					
SDev	5.574	1.926					
%RSD	84.82	52.47					
#1	10.51	-2.309					
#2	2.630	-5.033					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1105	--	--	--	--	--	--
SDev	.5147931	--	--	--	--	--	--
%RSD	.0465797	--	--	--	--	--	--
#1	1106	--	--	--	--	--	--
#2	1105	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32053-E-1-B Operator:
Run Time: 10/12/11 21:58:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	43.20	1.039	-.7660	157.2	-.2966	-.0707	89890.	
SDev	1.59	1.595	1.0337	.8	.0096	.0816	433.	
%RSD	3.672	153.5	135.0	.4910	3.224	115.4	.4822	
#1	44.32	-.0886	-1.497	156.6	-.2898	-.0130	89580.	
#2	42.08	2.167	-.0350	157.7	-.3033	-.1284	90200.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-1.848	.5128	-.3511	365.2	35120.	546.6	2.578	
SDev	.479	.5516	.3056	1.5	147.	2.1	.049	
%RSD	25.94	107.6	87.05	.4022	.4176	.3827	1.887	
#1	-2.187	.1227	-.5672	366.2	35010.	545.1	2.612	
#2	-1.509	.9028	-.1350	364.2	35220.	548.1	2.543	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	7473.	.3240	-1.515	.1603	15000.	4.759	.0432	
SDev	49.	.1203	.327	2.050	104.	.504	.5181	
%RSD	.6534	37.12	21.61	1279.	.6949	10.58	1199.	
#1	7439.	.4090	-1.747	1.610	14930.	4.403	.4095	
#2	7508.	.2390	-1.284	-1.289	15080.	5.115	-.3231	

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.793	44.73	-.1829	2.260	-.5873	-2.340	-1.107
SDev	.580	1.09	1.3420	.423	.0650	.779	.880
%RSD	32.37	2.438	733.7	18.70	11.06	33.31	79.45
#1	1.383	45.50	-1.132	1.961	-.5413	-1.789	-1.730
#2	2.203	43.96	.7660	2.559	-.6332	-2.891	-.4853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.677	-3.103					
SDev	5.960	.097					
%RSD	89.27	3.142					

#1 10.89 -3.034 Analysis Report 10/12/11 10:04:47 PM page 59

#2	2.462	-3.172					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1085	--	--	--	--	--	--
SDev	5.306150	--	--	--	--	--	--
%RSD	.4890460	--	--	--	--	--	--
#1	1089	--	--	--	--	--	--
#2	1081	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32053-E-2-B Operator:
Run Time: 10/12/11 22:04:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.07	-.1998	-1.631	85.66	-.4482	.0775	93370.
SDev	1.07	1.6159	.389	.08	.0085	.0779	76.
%RSD	2.376	808.7	23.83	.0936	1.904	100.5	.0814
#1	44.31	-1.342	-1.356	85.72	-.4422	.0224	93420.
#2	45.83	.9428	-1.906	85.61	-.4542	.1326	93310.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.776	.4552	.0949	14.76	36320.	-.5563	1.335

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SDev	.040	.6570	.1539	5.23	99.	.1347	.536
%RSD	2.251	144.3	162.2	35.41	.2734	24.22	40.18
#1	-1.804	-.0094	-.0139	11.07	36390.	-.4610	.9556
#2	-1.748	.9197	.2037	18.46	36250.	-.6516	1.714

89211v1							
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6845.	.4090	-.5299	-.3224	15390.	4.330	.2173
SDev	5.	.3450	1.0953	1.3285	103.	1.511	.4616
%RSD	.0659	84.36	206.7	412.0	.6719	34.90	212.4
#1	6842.	.1650	.2446	.6170	15460.	5.399	-.1090
#2	6849.	.6529	-1.304	-1.262	15310.	3.262	.5437
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.608	45.30	-1.505	.9578	-.5506	-3.719	1.058
SDev	.800	1.00	.406	.2766	.0923	1.643	.822
%RSD	49.74	2.208	27.00	28.88	16.76	44.17	77.68
#1	2.174	46.01	-1.218	.7622	-.4853	-2.558	1.639
#2	1.043	44.60	-1.792	1.153	-.6158	-4.881	.4769
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.847	-2.414					
SDev	3.892	.049					
%RSD	101.2	2.022					
#1	6.599	-2.380					
#2	1.095	-2.449					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1063	--	--	--	--	--	--
SDev	2.217564	--	--	--	--	--	--
%RSD	.2086482	--	--	--	--	--	--

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#1	1064	--	--	--	--	--	--
#2	1061	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-2-A Operator:
Run Time: 10/12/11 22:10:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.98	.2280	-1.976	-1.427	-.3202	.2861	-10.84
SDev	.59	1.234	3.252	.597	.0043	.2278	.31
%RSD	1.900	541.3	164.6	41.80	1.351	79.62	2.870
#1	30.57	1.101	-4.276	-1.005	-.3172	.4471	-10.62
#2	31.40	-.6447	.3233	-1.849	-.3233	.1250	-11.06

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

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Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.085	.1418	-.2630	-.5760	6.334	-.3710	1.300
SDev	.074	.1828	.1554	4.5116	6.016	.0442	.248
%RSD	6.858	128.8	59.07	783.3	94.98	11.92	19.10
#1	-1.137	.0126	-.3729	2.614	2.080	-.3397	1.125
#2	-1.032	.2711	-.1531	-3.766	10.59	-.4023	1.476
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-41.00	.3658	-.8358	-.2369	-583.7	3.255	-.0653

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SDev	2.52	.0943	.8431	1.2036	54.8	1.865	.0696
%RSD	6.135	25.79	100.9	508.0	9.381	57.30	106.5
#1	-39.22	.2991	-.2396	-1.088	-545.0	1.936	-.1145
#2	-42.78	.4325	-1.432	.6141	-622.5	4.573	-.0161
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0073	.8053	-1.720	1.302	.0137	-2.493	-.0123
SDev	.5461	.4149	1.130	.438	.0312	.472	1.4998
%RSD	7440.	51.53	65.68	33.61	227.2	18.94	12160.
#1	.3788	1.099	-.9211	1.612	.0358	-2.827	1.048
#2	-.3935	.5119	-2.518	.9929	-.0083	-2.159	-1.073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	12.14	-6.425					
SDev	3.07	.270					
%RSD	25.32	4.202					
#1	9.965	-6.616					
#2	14.31	-6.234					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	3.009520	--	--	--	--	--	--
%RSD	.2771319	--	--	--	--	--	--
#1	1088	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-3-A Operator:

Run Time: 10/12/11 22:17:05

Comment:

Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.04	1.642	40.68	173.7	-.3951	-.2463	75890.
SDev	2.87	2.057	2.09	.5	.0031	.1936	103.
%RSD	6.662	125.3	5.131	.2771	.7902	78.63	.1364
#1	41.01	.1876	39.20	173.3	-.3973	-.1093	75960.
#2	45.07	3.097	42.15	174.0	-.3929	-.3832	75810.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.369	47.54	.0411	43990.	17730.	1625.	372.0
SDev	.475	.07	.0179	90.	15.	1.	.4
%RSD	34.68	.1523	43.47	.2049	.0834	.0774	.1082
#1	-1.705	47.59	.0285	44060.	17720.	1625.	371.7
#2	-1.033	47.49	.0537	43930.	17740.	1624.	372.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19930.	.6108	-.6932	-.6204	79080.	4.625	47.31
SDev	35.	.1352	.6768	.0143	8.	3.516	.56
%RSD	.1755	22.14	97.63	2.305	.0103	76.02	1.179
#1	19910.	.5152	-1.172	-.6103	79070.	2.139	47.70
#2	19960.	.7065	-.2147	-.6305	79080.	7.111	46.91
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	6.454	115.9	-2.512	3.126	.1297	-1.994	-.0477
SDev	.133	1.5	.936	.273	.0014	.623	1.3258
%RSD	2.058	1.279	37.27	8.722	1.086	31.26	2779.
#1	6.548	114.9	-1.850	3.318	.1307	-1.553	-.9852
#2	6.360	116.9	-3.174	2.933	.1287	-2.435	.8898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.270	-4.070					
SDev	.083	.020					
%RSD	1.320	.4878					
#1	6.328	-4.084					
#2	6.211	-4.056					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1110	--	--	--	--	--	--
SDev	2.534260	--	--	--	--	--	--

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%RSD	.2283627	--	--	--	--	--	--
#1	1112	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32218-U-4-A Operator:
 Run Time: 10/12/11 22:23:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.18	3.502	14.19	14.89	-.4232	.2867	11570.
SDev	1.09	.356	1.44	.03	.0155	.1300	3.
%RSD	2.533	10.16	10.12	.2231	3.660	45.36	.0235

#1	42.40	3.754	13.18	14.87	-.4123	.3786	11570.
#2	43.95	3.251	15.21	14.91	-.4342	.1947	11570.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3226	.9226	9.148	21.76	1552.	421.6	13.27
SDev	.1481	.1847	1.124	24.62	5.	.0	.28
%RSD	45.90	20.02	12.29	113.2	.3019	.0095	2.090

#1	-.2179	1.053	8.353	39.17	1556.	421.6	13.08
#2	-.4273	.7920	9.943	4.349	1549.	421.6	13.47

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	100000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69150.	.1560	-2.127	4.513	15080.	4.697	13.61
SDev	405.	.6173	.150	1.388	41.	.571	.28
%RSD	.5851	395.8	7.058	30.75	.2696	12.17	2.066

#1	68860.	.5925	-2.021	5.494	15110.	4.293	13.81
#2	69440.	-.2806	-2.233	3.532	15050.	5.101	13.41

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.279	153.2	1.853	3.561	.1315	-2.658	-1.866
SDev	.305	.1	1.040	.807	.0899	.526	.037
%RSD	7.121	.0608	56.13	22.67	68.34	19.78	2.010

#1	4.495	153.3	2.589	2.990	.1950	-2.286	-1.892
#2	4.064	153.1	1.118	4.132	.0679	-3.030	-1.839

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2	Analysis Report	10/12/11 10:29:17 PM	page
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Units	ppb	ppb
Avge	13.40	.0661
SDev	.05	2.104
%RSD	.3517	3184.

#1	13.37	1.554
#2	13.43	-1.422

Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1074	--	--	--	--	--	--
SDev	2.296716	--	--	--	--	--	--
%RSD	.2137975	--	--	--	--	--	--
#1	1076	--	--	--	--	--	--
#2	1073	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-6-A Operator:
Run Time: 10/12/11 22:29:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.92	1.260	6.217	54.63	-.4242	-.0041	27370.
SDev	1.03	.644	1.437	.19	.0480	.1404	70.
%RSD	2.411	51.11	23.11	.3532	11.32	3425.	.2552
#1	42.18	1.715	5.201	54.50	-.3902	.0952	27420.
#2	43.65	.8046	7.233	54.77	-.4581	-.1034	27320.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.052	.0013	-.1204	171.0	2690.	612.2	4.579
SDev	.148	.0011	.2559	3.5	3.	.5	.753
%RSD	14.04	83.65	212.6	2.074	.1012	.0786	16.44
#1	-.9471	.0021	.0606	173.5	2692.	612.6	5.111
#2	-1.156	.0005	-.3013	168.5	2688.	611.9	4.047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40910.	.5592	-1.853	-.4429	69440.	4.648	.2807
SDev	67.	.3017	.466	1.4817	98.	.731	.0710
%RSD	.1636	53.95	25.13	334.5	.1405	15.73	25.28
#1	40860.	.3458	-2.182	.6048	69370.	4.131	.3309
#2	40960.	.7725	-1.524	-1.491	69510.	5.165	.2305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.029	389.9	2.251	3.080	-.1571	-4.647	-.4622
SDev	.550	3.0	.571	.806	.0278	.808	.2948
%RSD	53.51	.7711	25.37	26.17	17.71	17.39	63.79
#1	1.418	392.0	1.847	3.650	-.1767	-5.218	-.6706
#2	.6394	387.7	2.655	2.510	-.1374	-4.075	-.2537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

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Elem	1960/1	1960/2
Units	ppb	ppb
Avge	7.182	-4.260
SDev	5.262	.406
%RSD	73.26	9.521

#1	10.90	-4.546
#2	3.462	-3.973

Errors	NOCHECK	NOCHECK
High		
Low		

□□Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	2.098705	--	--	--	--	--	--
%RSD	.1944780	--	--	--	--	--	--

#1	1081	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32218-U-7-A Operator:

Run Time: 10/12/11 22:35:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	82.21	1.894	11.90	123.1	-.4500	-.1575	45720.
SDev	3.41	1.349	.62	.8	.0177	.0851	1.
%RSD	4.153	71.24	5.211	.6755	3.941	54.05	.0024

#1	79.79	.9400	12.34	123.7	-.4625	-.2177	45720.
#2	84.62	2.848	11.47	122.5	-.4374	-.0973	45720.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4172	1.439	-.2301	14280.	2987.	3166.	2.693
SDev	.6086	.377	.8493	18.	5.	1.	.767
%RSD	145.9	26.20	369.1	.1272	.1794	.0324	28.49

#1	-.8476	1.172	-.8306	14270.	2991.	3167.	2.151
#2	.0132	1.705	.3705	14290.	2983.	3165.	3.236

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7162.	.4657	-.3327	2.222	13740.	5.227	1.984
SDev	5.	.0717	.1890	.265	61.	2.285	.006
%RSD	.0668	15.40	56.82	11.95	.4421	43.71	.3090

#1	7158.	.5164	-.4663	2.034	13780.	3.611	1.980
#2	7165.	.4150	-.1990	2.410	13690.	6.842	1.988

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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	Zn2062	B_2496	Mo2020	Sn1899	89211v1 Ti3349	2203/1	2203/2
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.728	303.9	-2.565	2.519	.6755	-3.754	1.371
SDev	.623	1.0	.569	.151	.1485	1.546	1.055
%RSD	22.83	.3321	22.19	5.990	21.99	41.18	76.94
#1	3.168	303.2	-2.162	2.412	.5705	-2.661	.6253
#2	2.287	304.6	-2.967	2.626	.7805	-4.848	2.118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	10.40	-1.868					
SDev	2.88	1.042					
%RSD	27.74	55.77					
#1	8.356	-1.132					
#2	12.44	-2.605					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1068	--	--	--	--	--	--
SDev	3.999400	--	--	--	--	--	--
%RSD	.3745725	--	--	--	--	--	--
#1	1071	--	--	--	--	--	--
#2	1065	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32016-K-1-B Operator:
Run Time: 10/12/11 22:41:58
Comment:
Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.79	.1155	22.65	34.70	-.3484	-1.095	H317700.
SDev	3.58	.1774	1.36	.81	.0455	.040	226.
%RSD	8.355	153.6	6.022	2.345	13.05	3.642	.0711
#1	40.27	-.0100	21.69	34.13	-.3163	-1.123	H317500.
#2	45.32	.2409	23.61	35.28	-.3806	-1.067	H317800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-5.400	1.005	1.192	H254900.	136200.	H12270.	5.810
SDev	.270	.095	.301	342.	121.	8.	.071
%RSD	5.003	9.465	25.27	.1344	.0886	.0653	1.225
#1	-5.591	.9374	1.404	H254600.	136100.	H12270.	5.760
#2	-5.209	1.072	.9786	H255100.	136200.	H12280.	5.860
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC High	LC Pass
High	10000.	5000.	10000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	44570.	1.741	8.946	4.396	H622500.	-5.442	10.72
SDev	48.	.304	.374	.371	145.	.274	.51
%RSD	.1073	17.47	4.178	8.449	.0233	5.037	4.762

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#1 44540. 1.526 8.682 4.659 H622600. -5.248 10.36
 #2 44600. 1.956 9.210 4.133 H622400. -5.636 11.08 ☐ Analysis Report
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.193	705.9	-4.405	4.254	-.9496	9.748	8.541
SDev	.020	2.1	.227	.677	.0035	3.270	1.072
%RSD	.3218	.2997	5.152	15.92	.3642	33.55	12.55

#1	6.207	707.4	-4.245	4.732	-.9521	7.436	9.299
#2	6.179	704.4	-4.566	3.775	-.9472	12.06	7.783

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.997	5.084
SDev	.205	.659
%RSD	6.849	12.97

#1	2.852	5.550
#2	3.142	4.618

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1037	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.2139265	--	--	--	--	--	--

#1	1035	--	--	--	--	--	--
#2	1038	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32016-K-2-B Operator:
 Run Time: 10/12/11 22:48:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.45	.4435	-1.245	131.1	-.4165	-.1523	116000.
SDev	.21	.7026	1.696	.0	.0345	.0709	60.
%RSD	.3863	158.4	136.2	.0215	8.277	46.53	.0518

#1	53.30	.9404	-2.445	131.0	-.4409	-.2024	116100.
#2	53.59	-.0533	-.0457	131.1	-.3921	-.1022	116000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.103	.3125	-.8124	272.3	25510.	373.9	1.381
SDev	.230	.2842	.1356	6.1	23.	.4	.414
%RSD	20.82	90.95	16.69	2.228	.0898	.0947	29.95

#1	-1.265	.5134	-.9083	276.6	25520.	374.2	1.673

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#2	-.9405	.1115	-.7165	268.0	89211v1 25490.	373.7	1.089
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13190.	.6983	-.5723	-.5154	80040.	5.025	2.527
SDev	3.	.1664	1.7107	1.9647	194.	.057	.158
%RSD	.0250	23.83	298.9	381.2	.2427	1.132	6.239
#1	13200.	.5806	-1.782	.8738	80180.	4.985	2.638
#2	13190.	.8159	.6373	-1.905	79900.	5.066	2.415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3250	210.4	-1.985	1.803	.1630	-5.598	1.933
SDev	.2468	.6	.110	.443	.0304	1.653	1.740
%RSD	75.92	.3067	5.533	24.57	18.62	29.52	90.01
#1	.4995	210.9	-1.908	2.117	.1416	-6.767	.7026
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#2	.1505	210.0	-2.063	1.490	.1845	-4.430	3.163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.722	-3.640					
SDev	1.291	2.301					
%RSD	22.55	63.22					
#1	6.635	-2.012					
#2	4.810	-5.267					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1053	--	--	--	--	--	--
SDev	.4751737	--	--	--	--	--	--
%RSD	.0451295	--	--	--	--	--	--
#1	1053	--	--	--	--	--	--
#2	1053	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32016-K-3-B Operator:
Run Time: 10/12/11 22:54:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	51.55	2.346	6.978	209.2	-.4233	-.1176	244100.
SDev	.47	.300	.471	2.2	.0367	.0021	1456.
%RSD	.9081	12.80	6.746	1.038	8.678	1.808	.5966
#1	51.22	2.133	7.311	207.7	-.3973	-.1191	243100.
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					89211v1			
#2	51.88	2.558	6.645	210.8	-.4493	-.1161	245100.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-2.810	2.854	-1.180	20720.	26840.	2303.	6.791	
SDev	.352	.265	.753	141.	320.	17.	.609	
%RSD	12.53	9.275	63.86	.6819	1.192	.7227	8.974	
#1	-2.561	3.041	-1.713	20620.	26610.	2291.	7.222	
#2	-3.059	2.667	-.6471	20820.	27070.	2315.	6.360	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	12350.	.7930	.2721	3.050	199300.	2.530	4.458	
SDev	.115.	.0287	1.152	.190	2272.	2.059	.103	
%RSD	.9290	3.615	423.3	6.243	1.140	81.39	2.320	
#1	12270.	.8133	1.086	3.185	197700.	1.074	4.531	
#2	12430.	.7728	-.5423	2.916	200900.	3.986	4.384	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1.959	230.3	-.2757	2.538	.2463	-2.613	1.708	
SDev	.528	2.7	1.5184	.044	.1557	.071	1.762	
%RSD	26.98	1.161	550.8	1.731	63.23	2.726	103.2	
#1	2.332	228.4	-1.349	2.569	.3564	-2.663	2.954	
#2	1.585	232.2	.7980	2.507	.1362	-2.563	.4620	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	13.23	-2.043						
SDev	1.07	.822						
%RSD	8.114	40.21						

#1 12.47 -1.462 ☐ Analysis Report

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#2	13.99	-2.624					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1049	--	--	--	--	--	--
SDev	9.107539	--	--	--	--	--	--
%RSD	.8678475	--	--	--	--	--	--
#1	1056	--	--	--	--	--	--
#2	1043	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1129170

Operator:

Run Time: 10/12/11 23:00:54

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123700.	992.9	4929.	9978.	989.9	2392.	122500.
SDev	413.	1.4	31.	28.	4.9	14.	637.
%RSD	.3340	.1420	.6214	.2760	.4922	.5666	.5199

#1	123400.	991.9	4907.	9959.	986.4	2382.	122100.
#2	124000.	993.9	4950.	9998.	993.3	2402.	123000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4899.	2453.	12210.	98770.	122400.	4841.	2406.

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SDev	26.	11.	35.	464.	406.	23.	10.
%RSD	.5316	.4440	.2906	.4700	.3319	.4748	.4321

#1	4881.	2446.	12190.	98440.	122100.	4824.	2399.
#2	4918.	2461.	12240.	99100.	122700.	4857.	2414.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48690.	1232.	9598.	4915.	122900.	4846.	2436.
SDev	135.	1.	21.	7.	206.	33.	11.
%RSD	.2772	.0734	.2192	.1481	.1675	.6891	.4534

#1	48600.	1231.	9583.	4920.	122700.	4822.	2428.
#2	48790.	1233.	9613.	4910.	123000.	4869.	2444.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2364.	962.7	2422.	994.6	9854.	9588.	9603.
SDev	11.	.4	14.	3.3	41.	44.	10.
%RSD	.4696	.0390	.5708	.3281	.4199	.4570	.1007

#1	2356.	962.4	2412.	992.3	9825.	9557.	9597.
#2	2372.	962.9	2432.	996.9	9883.	9619.	9610.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4841.	4952.
SDev	4.	13.
%RSD	.0778	.2583

#1	4839.	4961.
#2	4844.	4943.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

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Elem	Y	--	--	--	89211v1	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1047	--	--	--	--	--	--
SDev	3.959781	--	--	--	--	--	--
%RSD	.3783529	--	--	--	--	--	--

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#1	1049	--	--	--	--	--	--
#2	1044	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/12/11 23:07:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.69	2.650	.0700	-.2109	-.3659	.3989	-1.070
SDev	2.36	.342	4.258	.4388	.0787	.0585	6.605
%RSD	5.161	12.91	6085.	208.0	21.50	14.66	617.5

#1	47.36	2.408	3.081	.0993	-.3103	.4402	3.601
#2	44.02	2.892	-2.941	-.5212	-.4215	.3575	-5.740

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2952	-.0758	.0029	-5.205	12.63	-.1308	.8447
SDev	.1904	.8562	.4032	4.730	1.84	.1852	.2362
%RSD	64.51	1130.	14100.	90.87	14.54	141.6	27.97

#1	-.1605	.5297	.2880	-8.550	11.33	.0002	1.012
#2	-.4298	-.6812	-.2823	-1.861	13.93	-.2617	.6776

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-10.42	.4107	.0442	-.5427	-426.3	4.266	.0024

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SDev	5.53	.1884	.2651	1.4257	130.1	1.295	.1584
%RSD	53.05	45.86	599.9	262.7	30.52	30.35	6649.

#1	-6.512	.2775	-.1433	-1.551	-518.3	3.351	-.1096
#2	-14.33	.5439	.2316	.4654	-334.3	5.182	.1144

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6874	1.527	-1.826	.9148	.4174	-3.572	1.845
SDev	.4033	.056	.166	1.565	.3943	3.843	2.316
%RSD	58.67	3.664	9.099	171.1	94.46	107.6	125.5

#1	.9726	1.567	-1.943	2.022	.6962	-.8548	.2077
#2	.4022	1.488	-1.708	-.1921	.1386	-6.290	3.483

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb

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Avge 3.083 -2.363
 SDev 1.456 2.864
 %RSD 47.21 121.2

#1 4.112 -4.388
 #2 2.054 -.3376

Errors NOCHECK NOCHECK
 High
 Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1049	--	--	--	--	--	--
SDev	1.979934	--	--	--	--	--	--
%RSD	.1887866	--	--	--	--	--	--
#1	1050	--	--	--	--	--	--
#2	1047	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-89155/1-A@2 Operator:
 Run Time: 10/12/11 23:13:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.53	4.627	.2337	-.1511	-.3601	-.1001	-7.885
SDev	1.22	.319	.1856	1.0466	.0131	.1193	.765
%RSD	3.333	6.885	79.38	692.9	3.637	119.2	9.702

#1	37.39	4.852	.1025	.5890	-.3694	-.1844	-7.344
#2	35.67	4.402	.3650	-.8911	-.3509	-.0157	-8.426

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0331	.1340	-.9526	-9.884	13.10	-.2334	-.4697
SDev	.5752	.5633	.5231	11.290	7.77	.0480	.1143
%RSD	1740.	420.3	54.92	114.2	59.29	20.55	24.34

#1	.3737	.5323	-1.323	-17.87	7.609	-.1995	-.5506
#2	-.4398	-.2643	-.5827	-1.902	18.59	-.2673	-.3889

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.26	-.0205	.8086	-.0134	-34.38	-1.114	-.0412
SDev	9.08	.4010	1.434	2.3825	28.35	2.674	.2253
%RSD	37.42	1958.	177.4	17830.	82.44	240.1	547.0

#1	-30.67	-.3040	1.823	1.671	-14.34	-3.005	-.2005
#2	-17.84	.2631	-.2054	-1.698	-54.43	.7769	.1181

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	.0742	.2207	.6220	.3903	-.5976	9.416	-3.493
SDev	.2298	.9139	.8034	.1743	.0355	7.281	1.485

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%RSD	309.6	414.2	129.2	44.65	89211v1 5.948	77.33	42.52
#1	-.0883	-.4256	1.190	.5136	-.6228	14.56	-4.543
#2	.2367	.8669	.0539	.2671	-.5725	4.267	-2.443
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.004	.9703					
SDev	10.294	1.568					
%RSD	513.8	161.5					
#1	5.276	-.1381					
#2	-9.283	2.079					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1059	--	--	--	--	--	--
SDev	4.434954	--	--	--	--	--	--
%RSD	.4186921	--	--	--	--	--	--
#1	1056	--	--	--	--	--	--
#2	1062	--	--	--	--	--	--

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Method: SW846 Sample Name: LCSSRM 460-89155/2-A Operator:
Run Time: 10/12/11 23:19:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34300.	896.9	524.8	935.6	383.8	293.9	48070.
SDev	109.	1.9	2.5	2.3	1.5	1.2	160.
%RSD	.3168	.2125	.4725	.2422	.3781	.3927	.3324
#1	34380.	898.2	526.6	937.2	384.8	294.7	48180.
#2	34230.	895.5	523.1	934.0	382.8	293.1	47950.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	81000.	1190.	680.0	1250.	488.5	385.5	61500.
Low	24200.	108.0	362.5	725.0	287.0	222.5	37200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1152.	459.0	840.2	81800.	16600.	2677.	660.7
SDev	4.	1.0	2.7	264.	53.	8.	3.4
%RSD	.3880	.2161	.3202	.3221	.3222	.2953	.5110
#1	1155.	459.7	842.1	81990.	16640.	2683.	663.1
#2	1149.	458.3	838.3	81620.	16560.	2671.	658.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1525.	575.0	1080.	142500.	26150.	3420.	850.0
Low	835.0	339.5	655.0	37850.	13900.	2160.	490.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18230.	149.2	414.0	1380.	3956.	606.4	557.0
SDev	22.	.9	.1	9.	10.	5.0	2.1
%RSD	.1192	.5782	.0280	.6202	.2448	.8221	.3689
#1	18240.	149.8	413.9	1386.	3949.	609.9	558.5
#2	18210.	148.5	414.1	1374.	3962.	602.9	555.6

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					89211v1		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	28950.	203.0	560.0	1865.	7100.	805.0	760.0
Low	14050.	98.00	300.0	995.0	3070.	410.5	389.0
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2800.	654.5	255.2	542.6	1787.	416.3	412.8
SDev	11.	1.8	1.5	3.3	6.	1.6	.6
%RSD	.3796	.2774	.5866	.5993	.3293	.3928	.1557
#1	2808.	655.8	254.1	544.9	1791.	415.2	413.3
#2	2793.	653.2	256.3	540.3	1783.	417.5	412.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	3765.	960.0	325.0	740.0	4220.		
Low	2185.	448.0	161.0	297.0	401.0		

Elem 1960/1 1960/2 ☐ Analysis Report 10/12/11 11:25:34 PM page

Units	ppb	ppb
Avge	1362.	1389.
SDev	5.	10.
%RSD	.3598	.7477
#1	1365.	1396.
#2	1358.	1381.
Errors	NOCHECK	NOCHECK
High		
Low		
IntStd	1	2
Mode	Counts	NOTUSED
Elem	Y	--
Wavlen	371.030	--
Avge	1110	--
SDev	2.336249	--
%RSD	.2105040	--
#1	1111	--
#2	1108	--

Method: SW846 Sample Name: 460-32001-A-7-G DU@4 Operator:
Run Time: 10/12/11 23:25:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35740.	4.698	13.57	3245.	1.986	9.852	5190.
SDev	157.	.285	.39	13.	.012	.075	13.
%RSD	.4390	6.073	2.848	.3862	.5979	.7598	.2489
#1	35850.	4.900	13.29	3254.	1.978	9.905	5199.
#2	35630.	4.496	13.84	3236.	1.994	9.799	5181.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	117.2	28.92	46.22	43210.	9149.	352.9	45.13
SDev	.9	.31	.03	139.	42.	1.3	.17
%RSD	.7849	1.071	.0750	.3209	.4618	.3710	.3674
#1	117.9	28.71	46.20	43310.	9179.	353.8	45.01
#2	116.6	29.14	46.24	43110.	9119.	352.0	45.24
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

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	High	Low	10000.	5000.	25000.	200000.	89211v1 250000.	10000.	5000.
			-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
Avge	2506.	.2712	236.3	1.603	141.8	1.440	151.2		
SDev	16.	.2800	.0	2.021	44.7	2.120	.6		
%RSD	.6513	103.3	.0097	126.1	31.55	147.2	.3685		
#1	2518.	.0732	236.3	.1735	173.4	-.0591	151.6		
#2	2495.	.4692	236.3	3.032	110.1	2.940	150.8		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass		
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.		
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00		
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb		
Avge	566.7	11.08	-.4816	9.186	1640.	235.9	236.5		
SDev	1.8	.19	.7947	.464	6.	1.3	.6		
%RSD	.3240	1.735	165.0	5.054	.3498	.5350	.2518		
#1	568.0	11.21	.0803	8.858	1644.	235.0	236.9		
#2	565.4	10.94	-1.044	9.514	1636.	236.8	236.1		
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK		
High	5000.	2000.	5000.	2000.	20000.				
Low	-30.00	-10.00	-10.00	-10.00	-10.00				
Elem	1960/1	1960/2							
Units	ppb	ppb							
Avge	-.4048	2.596							
SDev	3.0042	1.531							
%RSD	742.1	58.97							
#1	-2.529	1.513							
#2	1.719	3.678							
Errors	NOCHECK	NOCHECK							
High									
Low									

□□ Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1131	--	--	--	--	--	--
SDev	1.979934	--	--	--	--	--	--
%RSD	.1751075	--	--	--	--	--	--
#1	1129	--	--	--	--	--	--
#2	1132	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32001-A-7-F@4 Operator:
Run Time: 10/12/11 23:31:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37460.	4.873	11.37	2962.	1.671	9.514	7112.
SDev	11.	3.040	.51	1.	.023	.168	4.
%RSD	.0299	62.38	4.453	.0285	1.368	1.766	.0535
#1	37470.	7.022	11.73	2961.	1.687	9.395	7114.
#2	37460.	2.723	11.01	2963.	1.655	9.633	7109.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

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Elem	Cr2677	Co2286	Cu3247	Fe2714	89211v1 Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	142.1	25.28	46.98	41820.	10280.	325.9	45.94
SDev	.1	.10	.16	32.	10.	.4	.24
%RSD	.0848	.4141	.3435	.0755	.0939	.1256	.5273
#1	142.2	25.35	47.09	41850.	10280.	326.2	46.11
#2	142.0	25.20	46.86	41800.	10290.	325.6	45.77

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2858.	.5913	472.0	3.684	194.3	3.519	172.8
SDev	2.	.0708	1.5	1.676	8.7	1.903	.0
%RSD	.0630	11.98	.3183	45.49	4.460	54.06	.0221
#1	2856.	.6414	470.9	4.869	200.4	4.865	172.7
#2	2859.	.5412	473.1	2.499	188.2	2.174	172.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	617.1	9.592	1.999	9.096	1724.	471.8	472.1
SDev	1.3	.620	.500	.438	.	3.8	4.2
%RSD	.2073	6.461	24.99	4.815	.0122	.8125	.8825
#1	618.0	9.154	2.352	8.786	1725.	474.5	469.1
#2	616.2	10.03	1.645	9.406	1724.	469.1	475.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.249	4.392
SDev	2.147	3.584
%RSD	95.44	81.62

#1	.7312	6.926
#2	3.767	1.857

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1134	--	--	--	--	--	--
SDev	.6731843	--	--	--	--	--	--
%RSD	.0593681	--	--	--	--	--	--
#1	1133	--	--	--	--	--	--
#2	1134	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-32001-A-7-F@5 Operator:
Run Time: 10/12/11 23:37:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7887.	3.566	.9631	619.3	.0724	2.236	1464.

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					89211v1		
SDev	19.	.155	1.526	.1	.0003	.160	.
%RSD	.2352	4.358	158.4	.0153	.4091	7.135	.0302
#1	7874.	3.676	2.042	619.2	.0726	2.349	1464.
#2	7901.	3.456	-.1157	619.3	.0722	2.123	1465.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.69	5.362	8.012	8706.	2152.	67.05	10.55
SDev	.17	.362	1.068	10.	14.	.02	.02
%RSD	.6091	6.757	13.33	.1100	.6695	.0288	.2114
#1	28.81	5.618	7.257	8713.	2142.	67.04	10.56
#2	28.56	5.106	8.767	8699.	2162.	67.07	10.53
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.6	.0545	97.82	.1941	-327.5	3.743	35.26
SDev	1.7	.0804	1.29	.1873	25.6	1.758	.21
%RSD	.3615	147.5	1.318	96.49	7.814	46.98	.6000
#1	477.4	.1113	98.73	.0617	-345.6	4.986	35.41
#2	479.8	-.0023	96.91	.3265	-309.4	2.499	35.11

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129.9	2.052	-.5077	3.557	357.7	100.2	96.64
SDev	.1	.995	.3030	1.731	.4	.9	1.47
%RSD	.0912	48.49	59.67	48.68	.1257	.9299	1.519
#1	130.0	2.756	-.7220	2.332	357.4	100.8	97.68
#2	129.8	1.348	-.2935	4.781	358.1	99.51	95.60
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.991	-2.710					
SDev	1.861	.648					
%RSD	31.06	23.92					
#1	4.675	-2.251					
#2	7.307	-3.168					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	.3167824	--	--	--	--	--	--
%RSD	.0288202	--	--	--	--	--	--

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#1	1099	--	--	--	89211v1	--	--
#2	1099	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32001-D-7-0 MS@4 Operator:
Run Time: 10/12/11 23:44:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50900.	142.7	922.6	4390.	25.73	33.84	15600.
SDev	688.	1.4	4.7	60.	.36	.00	220.
%RSD	1.351	1.002	.5097	1.361	1.404	.0111	1.410

#1	50410.	143.7	925.9	4348.	25.47	33.84	15450.
#2	51380.	141.6	919.3	4432.	25.98	33.84	15760.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	232.0	261.0	163.8	46200.	19120.	600.8	281.0
SDev	3.8	4.0	2.9	663.	277.	8.8	.3
%RSD	1.650	1.515	1.763	1.435	1.448	1.470	.1007

#1	229.3	258.2	161.8	45730.	18930.	594.5	280.8
#2	234.7	263.8	165.9	46670.	19320.	607.0	281.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12240.	23.14	458.9	885.5	8991.	906.0	387.8
SDev	166.	.12	3.0	10.2	93.	2.3	6.2
%RSD	1.359	.5268	.6458	1.150	1.034	.2592	1.589

#1	12130.	23.05	456.9	878.3	8925.	904.3	383.5
#2	12360.	23.23	461.0	892.7	9056.	907.6	392.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	741.3	231.5	220.8	237.9	2087.	456.6	460.1
SDev	2.9	.7	3.0	6.3	28.	5.7	1.6
%RSD	.3978	.3038	1.368	2.669	1.353	1.249	.3469

#1	739.2	231.0	218.7	233.4	2067.	452.6	459.0	□□Analysis Report
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#2	743.3	232.0	222.9	242.4	2107.	460.6	461.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	871.7	892.3
SDev	7.6	11.5
%RSD	.8678	1.288

#1	866.3	884.2
#2	877.0	900.5

Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1137	--	--	--	--	--	--
SDev	15.72035	--	--	--	--	--	--
%RSD	1.383030	--	--	--	--	--	--
#1	1148	--	--	--	--	--	--
#2	1126	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-32001-A-7-F Operator:
 Run Time: 10/12/11 23:50:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	39640.	473.1	1887.	4878.	49.60	56.75	26200.
SDev	23.	3.6	2.	8.	.12	.18	93.
%RSD	.0571	.7677	.0941	.1711	.2351	.3161	.3546

#1	39630.	470.5	1888.	4872.	49.52	56.87	26140.
#2	39660.	475.6	1885.	4884.	49.68	56.62	26270.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	332.8	494.5	281.1	42610.	28360.	807.9	516.2
SDev	1.8	1.0	.3	76.	64.	2.3	1.5
%RSD	.5477	.1953	.0922	.1786	.2245	.2785	.2904

#1	331.5	493.8	280.9	42550.	28310.	806.3	515.1
#2	334.1	495.2	281.3	42660.	28400.	809.5	517.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20980.	54.11	934.5	1824.	17970.	1862.	635.3
SDev	16.	.08	1.7	10.	3.	5.	2.5
%RSD	.0781	.1402	.1863	.5343	.0185	.2468	.3891

#1	20990.	54.16	933.3	1817.	17970.	1866.	633.6
#2	20970.	54.06	935.7	1831.	17980.	1859.	637.1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1067.	468.3	467.9	477.8	2204.	936.1	933.7
SDev	.	2.2	.4	4.5	3.	1.7	1.8
%RSD	.0287	.4760	.0902	.9480	.1406	.1837	.1877

#1	1067.	466.7	467.6	474.6	2202.	934.9	932.5
#2	1067.	469.9	468.2	481.0	2207.	937.3	934.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

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Units	ppb	ppb
Avge	1806.	1833.
SDev	1.	14.
%RSD	.0577	.7687

#1	1805.	1823.	□□Analysis Report

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#2	1806.	1843.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1127	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--

#1	1127	--	--	--	--	--	--
#2	1127	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32264-A-1-A@4 Operator:
Run Time: 10/12/11 23:56:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18040.	22.18	31.43	97.21	.5157	3.642	4099.
SDev	34.	1.75	2.94	.25	.0208	.228	14.
%RSD	.1872	7.896	9.344	.2520	4.024	6.267	.3459

#1	18060.	23.42	29.35	97.38	.5304	3.803	4109.
#2	18020.	20.95	33.50	97.04	.5011	3.481	4089.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.00	6.565	45.08	25730.	1718.	133.0	18.26

□□Analysis Report

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SDev	.42	.424	.05	71.	12.	.4	.02
%RSD	1.154	6.463	.1090	.2743	.7167	.2819	.1018

#1	35.71	6.865	45.05	25780.	1726.	133.3	18.27
#2	36.29	6.265	45.12	25680.	1709.	132.8	18.25

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1161.	1.029	1521.	5.294	-255.8	2.007	67.00
SDev	1.	.011	3.	1.034	21.9	1.546	.43
%RSD	.0934	1.092	.1962	19.53	8.571	77.01	.6463

#1	1162.	1.021	1523.	6.025	-240.3	.9142	67.31
#2	1160.	1.037	1519.	4.563	-271.3	3.100	66.70

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

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Units	ppb	ppb	ppb	ppb	89211v1 ppb	ppb	ppb
Avge	90.44	7.726	1.459	17.51	225.5	1513.	1525.
SDev	.61	2.285	.866	1.36	.2	9.	.
%RSD	.6708	29.57	59.38	7.774	.0897	.5877	.0022
#1	90.87	9.342	2.071	16.55	225.6	1519.	1525.
#2	90.01	6.111	.8463	18.48	225.4	1507.	1525.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.314	4.276					
SDev	3.915	3.504					
%RSD	53.53	81.96					
#1	4.546	6.754					
#2	10.08	1.798					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1116	--	--	--	--	--	--
SDev	3.801389	--	--	--	--	--	--
%RSD	.3406361	--	--	--	--	--	--

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#1	1119	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-3-A@4 Operator:
Run Time: 10/13/11 00:02:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24240.	2.477	146.7	65.59	2.092	-1.646	1056.
SDev	173.	.444	.5	.49	.002	.281	6.
%RSD	.7155	17.93	.3691	.7449	.0839	17.07	.5625
#1	24370.	2.791	146.4	65.94	2.091	-1.845	1060.
#2	24120.	2.163	147.1	65.25	2.093	-1.448	1052.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	146.1	2.507	3.141	146300.	2660.	21.78	6.998
SDev	.8	.096	.039	919.	20.	.12	.216
%RSD	.5610	3.846	1.242	.6286	.7567	.5713	3.082
#1	146.7	2.575	3.168	146900.	2674.	21.87	7.150
#2	145.6	2.439	3.113	145600.	2645.	21.69	6.845
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4473.	.6849	32.97	5.276	307.2	-1.732	152.0

□□Analysis Report

SDev	49.	.6930	.81	4.745	3.3	1.099	1.1
%RSD	1.092	101.2	2.466	89.94	1.085	63.47	.6961
#1	4507.	.1949	33.54	1.920	304.8	-2.509	152.7
#2	4438.	1.175	32.39	8.631	309.5	-.9545	151.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.34	28.74	20.11	4.073	191.7	38.58	30.16
SDev	.36	.45	.08	3.166	1.4	2.07	.19
%RSD	1.145	1.581	.4074	77.73	.7333	5.359	.6191
#1	31.60	29.06	20.05	6.311	192.7	40.04	30.29
#2	31.09	28.42	20.17	1.834	190.7	37.12	30.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.498	9.147					
SDev	5.680	4.279					
%RSD	227.4	46.77					
#1	-6.514	6.122					
#2	1.518	12.17					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1098	--	--	--	--	--	--
SDev	3.920248	--	--	--	--	--	--
%RSD	.3571927	--	--	--	--	--	--
#1	1095	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-6-A@4 Operator:
Run Time: 10/13/11 00:08:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15390.	-.6066	14.44	33.72	.6512	-.5662	934.5
SDev	19.	.9861	.25	.07	.0369	.0051	4.7
%RSD	.1241	162.6	1.755	.1933	5.662	.9003	.5065
#1	15400.	-1.304	14.62	33.77	.6773	-.5698	931.1
#2	15370.	.0907	14.26	33.68	.6251	-.5626	937.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.99	1.409	1.218	35940.	2108.	23.29	5.225
SDev	.27	.085	.095	76.	11.	.02	.137
%RSD	.2829	6.062	7.777	.2125	.5179	.0651	2.618

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#1	96.80	1.348	1.151	35890.	2101.	23.30	5.128
#2	97.19	1.469	1.285	36000.	2116.	23.28	5.322

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3757.	-.1789	17.18	3.153	523.4	-.5625	46.69
SDev	9.	.7462	1.02	1.026	122.0	1.2033	.39
%RSD	.2328	417.1	5.912	32.53	23.30	213.9	.8287

#1	3763.	-.7066	16.47	3.879	437.2	-1.413	46.41
#2	3751.	.3487	17.90	2.428	609.7	.2884	46.96

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	22.14	26.87	3.661	3.596	168.9	19.51	16.02
SDev	.60	.18	.598	.277	.3	.85	1.95
%RSD	2.712	.6629	16.32	7.703	.2041	4.341	12.15

#1	21.72	26.75	4.084	3.400	168.7	20.11	14.64
#2	22.57	27.00	3.239	3.792	169.1	18.91	17.40

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.535	2.953
SDev	3.632	.275
%RSD	102.7	9.327

#1	6.103	2.758
#2	.9669	3.148

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	4.751823	--	--	--	--	--	--
%RSD	.4356177	--	--	--	--	--	--

#1	1087	--	--	--	--	--	--
#2	1094	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1129170 Operator:
 Run Time: 10/13/11 00:14:51
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123700.	996.3	4937.	10010.	993.8	2396.	122600.
SDev	152.	8.8	26.	6.	3.4	14.	573.
%RSD	.1230	.8815	.5223	.0580	.3387	.5821	.4671

#1	123600.	990.1	4919.	10000.	991.5	2386.	122200.

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	#2	123800.	1003.	4955.	10010.	89211v1 996.2	2406.	123000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.	
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	4911.	2460.	12240.	99050.	122600.	4855.	2410.	
SDev	22.	9.	12.	364.	178.	17.	11.	
%RSD	.4406	.3586	.1003	.3680	.1453	.3456	.4646	
#1	4896.	2454.	12230.	98790.	122500.	4843.	2402.	
#2	4926.	2466.	12240.	99310.	122700.	4867.	2418.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.	
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	48870.	1235.	9606.	4926.	122700.	4858.	2442.	
SDev	199.	3.	44.	1.	19.	35.	10.	
%RSD	.4072	.2066	.4543	.0185	.0152	.7162	.4043	
#1	48730.	1233.	9575.	4927.	122700.	4833.	2435.	
#2	49010.	1237.	9637.	4925.	122600.	4882.	2449.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.	
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2373.	958.4	2434.	996.2	9868.	9614.	9602.	
SDev	13.	4.7	15.	1.6	27.	23.	54.	
%RSD	.5683	.4941	.6350	.1622	.2751	.2420	.5604	
#1	2363.	955.0	2423.	995.0	9849.	9597.	9564.	
#2	2382.	961.7	2445.	997.3	9887.	9630.	9640.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	2760.	1104.	2760.	1104.	11040.			
Low	2239.	896.0	2239.	896.0	8960.			

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Units	ppb	ppb					
Avge	4861.	4959.					
SDev	15.	6.					
%RSD	.2997	.1192					
#1	4871.	4954.					
#2	4850.	4963.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1057	--	--	--	--	--	--
SDev	2.336249	--	--	--	--	--	--
%RSD	.2209854	--	--	--	--	--	--
#1	1059	--	--	--	--	--	--
#2	1056	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
Run Time: 10/13/11 00:21:10

Operator:

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.12	1.564	-2.351	-.1180	-.3244	.3358	-5.167
SDev	3.95	1.009	1.989	.5787	.0508	.1655	4.869
%RSD	9.168	64.53	84.59	490.6	15.66	49.27	94.22
#1	45.92	2.277	-.9450	.2912	-.2884	.4528	-1.725
#2	40.33	.8503	-3.758	-.5271	-.3603	.2188	-8.610

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3819	.5906	-.7808	-8.219	17.04	-.0657	1.072
SDev	.0493	.8102	.6007	1.285	8.25	.2153	.502
%RSD	12.92	137.2	76.93	15.64	48.42	328.0	46.85

#1	.3470	1.163	-.3560	-9.128	22.87	.0866	1.426
#2	.4168	.0177	-1.206	-7.310	11.20	-.2179	.7166

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-58.27	.4698	-.6078	2.498	-441.8	4.526	.0423
SDev	.99	.4977	.2159	.037	79.0	.141	.0790
%RSD	1.695	105.9	35.52	1.492	17.88	3.124	186.7

#1	-58.97	.8217	-.4551	2.524	-385.9	4.626	.0981
#2	-57.57	.1179	-.7604	2.471	-497.6	4.426	-.0135

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3740	.2968	-.0541	1.767	.3910	.4824	-1.156
SDev	.0474	.1714	1.4305	3.035	.1461	5.049	2.197
%RSD	12.69	57.75	2645.	171.8	37.37	1047.	190.0

#1	.4076	.4180	.9574	3.913	.4943	4.052	-2.710
#2	.3405	.1756	-1.066	-.3796	.2877	-3.088	.3973

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	9.474	-.9947
SDev	3.228	1.5555
%RSD	34.07	156.4

#1	11.76	-2.095
#2	7.192	.1052

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7

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Mode	Counts	NOTUSED	NOTUSED	NOTUSED	89211v1 NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1107	--	--	--	--	--	--
SDev	9.384702	--	--	--	--	--	--
%RSD	.8479039	--	--	--	--	--	--

#1	1113	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-9-A@4 Operator:
Run Time: 10/13/11 00:27:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17390.	2.910	79.14	100.4	1.806	-.6988	1755.
SDev	70.	.480	1.15	1.0	.001	.3663	6.
%RSD	.4035	16.49	1.447	.9814	.0709	52.42	.3267

#1	17440.	2.570	79.95	101.1	1.806	-.9578	1759.
#2	17340.	3.249	78.33	99.68	1.807	-.4398	1751.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.96	2.014	.6861	77130.	2007.	23.00	4.959
SDev	.66	.543	.2782	303.	15.	.12	.203
%RSD	.6756	26.98	40.55	.3931	.7547	.5338	4.084

#1	97.43	1.630	.8828	77340.	2018.	23.08	5.102
#2	96.50	2.398	.4894	76910.	1996.	22.91	4.816

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3062.	.3578	27.25	4.689	89.09	1.992	113.9
SDev	19.	.6751	.39	1.346	33.71	2.437	.9
%RSD	.6180	188.7	1.442	28.72	37.84	122.3	.8004

#1	3075.	-.1195	26.97	5.641	65.25	3.716	114.6
#2	3048.	.8352	27.53	3.737	112.9	.2692	113.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.47	21.67	11.84	2.596	209.6	28.17	26.78
SDev	.75	.08	.78	3.221	.6	.88	.15
%RSD	3.660	.3883	6.599	124.1	.2678	3.113	.5576

#1	19.94	21.61	12.40	4.873	210.0	27.55	26.68
#2	21.00	21.73	11.29	.3184	209.2	28.79	26.89

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	2000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.161	5.942
SDev	4.787	.371
%RSD	221.6	6.251

#1 5.546 5.679
#2 -1.224 6.204

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1098	--	--	--	--	--	--
SDev	1.583912	--	--	--	--	--	--
%RSD	.1441965	--	--	--	--	--	--

#1	1097	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-10-A@4 Operator:
Run Time: 10/13/11 00:33:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22580.	3.643	56.51	94.02	1.795	-.4841	8149.
SDev	78.	2.052	.16	.21	.015	.1572	24.
%RSD	.3435	56.32	.2779	.2181	.8290	32.47	.2990

#1	22630.	2.192	56.40	94.16	1.785	-.3730	8166.
#2	22520.	5.094	56.62	93.87	1.806	-.5952	8132.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	117.5	5.951	41.94	109900.	4996.	172.6	17.91
SDev	.5	.266	.51	396.	19.	.4	.29
%RSD	.4095	4.478	1.226	.3604	.3776	.2436	1.601

#1	117.8	5.763	42.30	110200.	5009.	172.9	18.11
#2	117.1	6.140	41.57	109600.	4982.	172.3	17.70

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6579.	.8167	89.15	4.024	293.1	-.6518	135.1
SDev	32.	.0574	.25	1.116	18.3	.4843	.4
%RSD	.4796	7.032	.2804	27.73	6.254	74.31	.3244

#1	6601.	.7761	88.98	3.235	280.1	-.9942	135.4
#2	6557.	.8573	89.33	4.813	306.1	-.3093	134.8

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	171.6	53.78	10.18	7.545	252.6	91.23	88.11
SDev	.4	1.01	.60	.983	.9	2.02	.63
%RSD	.2208	1.884	5.937	13.02	.3676	2.212	.7182

#1	171.9	54.50	9.752	6.850	253.3	89.80	88.56

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#2	171.4	53.07	10.61	8.239	89211v1 251.9	92.65	87.66
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.336	7.190					
SDev	1.543	.903					
%RSD	66.04	12.56					
#1	-3.427	6.551					
#2	-1.245	7.828					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	2.336335	--	--	--	--	--	--
%RSD	.2166218	--	--	--	--	--	--
#1	1077	--	--	--	--	--	--
#2	1080	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-13-A@4 Operator:
Run Time: 10/13/11 00:40:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35670.	2.923	81.44	90.97	2.300	-1.547	1815.
SDev	146.	2.435	1.65	.34	.034	.211	2.
%RSD	.4092	83.30	2.028	.3718	1.483	13.63	.0845
#1	35780.	4.645	80.28	91.21	2.276	-1.696	1816.
#2	35570.	1.201	82.61	90.73	2.324	-1.398	1814.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	171.2	2.980	4.374	140700.	3620.	30.00	10.92
SDev	.2	.454	.122	395.	1.	.21	.38
%RSD	.0987	15.22	2.785	.2808	.0405	.6896	3.489
#1	171.0	2.659	4.288	140900.	3619.	30.14	11.19
#2	171.3	3.301	4.460	140400.	3621.	29.85	10.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5392.	.9581	32.54	8.069	1586.	-1.688	170.5
SDev	21.	.3588	1.05	.448	18.	1.359	.5
%RSD	.3840	37.45	3.217	5.549	1.118	80.48	.2682
#1	5406.	.7044	31.80	7.752	1574.	-.7274	170.8
#2	5377.	1.212	33.28	8.385	1599.	-2.649	170.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.10	33.09	25.90	5.223	211.2	35.60	31.01
SDev	.04	.15	.56	3.102	.7	.25	1.44
%RSD	.1004	.4549	2.178	59.40	.3405	.7068	4.656

#1	43.13	33.19	26.29	3.029	211.7	35.42	29.98

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#2	43.07	32.98	25.50	7.416	210.7	35.78	32.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.728	10.73
SDev	.637	.35
%RSD	23.37	3.292

#1	2.277	10.48
#2	3.178	10.98

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1097	--	--	--	--	--	--
SDev	1.029500	--	--	--	--	--	--
%RSD	.0938770	--	--	--	--	--	--

#1	1096	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-16-A@4 Operator:
Run Time: 10/13/11 00:46:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	42890.	- .1149	142.1	114.8	3.403	-2.676	8549.
SDev	2679.	2.0867	10.4	6.7	.172	.087	567.
%RSD	6.245	1816.	7.308	5.858	5.044	3.264	6.629

#1	41000.	-1.590	134.8	110.0	3.282	-2.738	8148.
#2	44790.	1.361	149.4	119.5	3.524	-2.614	8950.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	20000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	204.2	5.124	11.19	H291700.	4203.	61.21	14.42
SDev	13.9	.613	1.35	19353.	265.	4.16	.97
%RSD	6.812	11.96	12.06	6.634	6.302	6.799	6.698

#1	194.3	4.691	10.23	H278000.	4015.	58.27	13.73
#2	214.0	5.558	12.14	H305400.	4390.	64.15	15.10

Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

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Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5758.	1.845	135.7	15.01	2025.	-4.782	266.5
SDev	414.	.404	6.9	1.13	134.	.472	18.3
%RSD	7.198	21.92	5.114	7.532	6.642	9.880	6.883
#1	5465.	2.131	130.8	14.21	1930.	-4.448	253.6
#2	6051.	1.559	140.6	15.81	2120.	-5.116	279.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.68	29.13	58.68	6.298	185.0	142.7	132.1
SDev	3.97	1.33	4.05	.685	12.0	9.5	5.6
%RSD	6.037	4.564	6.910	10.88	6.474	6.672	4.274
#1	62.88	28.19	55.81	6.782	176.5	136.0	128.1
#2	68.49	30.07	61.54	5.814	193.5	149.4	136.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.978	20.00					
SDev	6.428	4.90					
%RSD	129.1	24.51					
#1	9.523	16.54	Analysis Report				10/13/11 00:52:42 AM
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#2	.4328	23.47					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1135	--	--	--	--	--	--
SDev	65.33660	--	--	--	--	--	--
%RSD	5.754500	--	--	--	--	--	--
#1	1182	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

Method: SW846 Sample Name: 240-4565-G-1-A@4 Operator:
Run Time: 10/13/11 00:52:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24630.	1.798	13.54	286.4	1.353	-.1541	4331.
SDev	156.	.782	2.74	2.6	.017	.0958	26.
%RSD	.6326	43.50	20.22	.8957	1.238	62.14	.6063
#1	24740.	1.245	15.47	288.2	1.365	-.2218	4349.
#2	24520.	2.352	11.60	284.6	1.341	-.0864	4312.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge 30.96 38.42 22.30 37430. 89211v1 2157. 24.14 Analysis Report
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SDev	.15	.50	.37	235.	34.	16.	.76
%RSD	.4747	1.302	1.643	.6286	.8979	.7275	3.155
#1	31.06	38.07	22.56	37600.	3794.	2168.	24.68
#2	30.85	38.78	22.04	37270.	3747.	2146.	23.60
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1180.	.4107	97.24	.9374	-261.4	.6137	65.81
SDev	13.	.3560	.39	1.153	83.5	2.891	.82
%RSD	1.118	86.67	.3965	123.0	31.96	471.1	1.243
#1	1189.	.6624	96.96	1.753	-320.5	-1.431	66.39
#2	1171.	.1590	97.51	.1219	-202.3	2.658	65.23
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71.02	3.205	.5670	4.007	450.3	98.92	96.39
SDev	1.18	.655	.5670	.120	3.2	.59	.87
%RSD	1.668	20.42	100.0	2.994	.7124	.5961	.9052
#1	71.85	3.668	.9680	3.922	452.6	99.34	95.77
#2	70.18	2.743	.1661	4.092	448.1	98.51	97.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.184	1.987					
SDev	3.591	3.522					
%RSD	303.2	177.2					
#1	-3.723	4.477					
#2	1.355	-.5031					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	3.841009	--	--	--	--	--	--
%RSD	.3451823	--	--	--	--	--	--

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#1	1110	--	--	--	--	--	--
#2	1115	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32269-G-1-A@4 Operator:
 Run Time: 10/13/11 00:59:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	15740.	.7354	11.10	104.7	.5935	.0417	1780.	
SDev	15.	1.309	.92	.2	.0047	.1309	2.	
%RSD	.0935	178.0	8.317	.1823	.7894	313.9	.1397	
#1	15750.	-.1901	11.75	104.8	.5968	.1343	1782.	
#2	15730.	1.661	10.44	104.5	.5902	-.0509	1778.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	114.9	7.311	28.26	18430.	2069.	268.7	18.67	
SDev	.2	.191	.02	38.	3.	.4	.16	
%RSD	.1607	2.615	.0797	.2083	.1284	.1564	.8674	
#1	114.8	7.176	28.25	18460.	2070.	269.0	18.55	
#2	115.1	7.447	28.28	18400.	2067.	268.4	18.78	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	634.1	.3827	36.09	.3538	-218.3	.4456	35.60	

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SDev	.1	.4025	.71	2.619	4.3	.2026	.26
%RSD	.0131	105.2	1.969	740.2	1.949	45.47	.7245
#1	634.2	.6673	36.59	2.206	-221.3	.3023	35.41
#2	634.0	.0981	35.58	-1.498	-215.3	.5889	35.78
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124.3	3.097	-.3418	3.514	325.0	37.67	35.29
SDev	.3	.178	.8866	.217	.7	2.17	.02
%RSD	.2570	5.748	259.4	6.168	.2098	5.767	.0554
#1	124.0	3.222	-.9688	3.668	325.4	39.20	35.28
#2	124.5	2.971	.2851	3.361	324.5	36.13	35.30
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.514	1.776					
SDev	1.110	3.372					
%RSD	44.17	189.9					
#1	-1.729	4.160					
#2	-3.299	-.6084					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1078	--	--	--	--	--	--
SDev	.6731843	--	--	--	--	--	--

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%RSD	.0624621	--	--	--	--	--	--
#1	1078	--	--	--	--	--	--
#2	1077	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32269-F-2-A@4 Operator:
Run Time: 10/13/11 01:05:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15430.	3.726	14.70	89.76	.5973	.2377	1780.
SDev	19.	.758	.74	.10	.0595	.0167	4.
%RSD	.1242	20.33	5.018	.1157	9.969	7.022	.2491

#1	15420.	3.191	15.22	89.83	.6394	.2259	1783.
#2	15440.	4.262	14.18	89.69	.5552	.2496	1777.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	133.9	8.779	31.79	18180.	2208.	284.9	21.49
SDev	.7	.544	.78	57.	4.	.5	1.04
%RSD	.5363	6.198	2.448	.3121	.1705	.1792	4.838

#1	134.4	9.164	32.34	18220.	2211.	285.3	22.22
#2	133.3	8.394	31.24	18140.	2205.	284.6	20.75

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	677.9	-.2498	40.97	1.203	-409.4	-.6089	36.06
SDev	2.6	1.2294	.35	2.760	156.8	2.4657	.80
%RSD	.3878	492.2	.8596	229.4	38.31	404.9	2.213

#1	679.7	.6195	41.22	-.7485	-298.5	1.135	36.63
#2	676.0	-1.119	40.72	3.154	-520.3	-2.352	35.50

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	168.0	2.444	.6129	2.122	342.4	46.99	37.96
SDev	.7	.827	.6547	1.598	.2	7.07	4.06
%RSD	.3980	33.85	106.8	75.30	.0553	15.05	10.69

#1	168.5	3.029	.1500	.9923	342.5	41.99	40.83
#2	167.5	1.859	1.076	3.252	342.3	51.99	35.09

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.074	.2592
SDev	8.971	.3411
%RSD	291.8	131.6

#1	-3.270	.5004
#2	9.417	.0180

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Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	.7919561	--	--	--	--	--	--
%RSD	.0729198	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32019-G-1-A@4 Operator:
Run Time: 10/13/11 01:11:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19540.	1.446	27.67	80.92	1.023	-.8904	1323.
SDev	1.	.321	.18	.01	.026	.1611	.
%RSD	.0057	22.18	.6341	.0130	2.532	18.09	.0050
#1	19540.	1.672	27.79	80.93	1.042	-.7765	1323.
#2	19540.	1.219	27.54	80.91	1.005	-1.004	1323.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66.11	8.188	29.50	78180.	3190.	786.6	18.40
SDev	.01	.360	.03	12.	3.	.0	1.12
%RSD	.0196	4.395	.1152	.0149	.1081	.0059	6.080
#1	66.12	8.442	29.48	78190.	3192.	786.7	17.61
#2	66.10	7.933	29.53	78170.	3187.	786.6	19.19
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1472.	.1936	24.41	2.137	-430.8	-.5772	96.88
SDev	2.	.4419	.62	4.042	76.9	.3264	.21
%RSD	.1682	228.2	2.557	189.1	17.85	56.56	.2201
#1	1470.	.5061	23.97	4.995	-376.4	-.3464	97.03
#2	1474.	-.1188	24.85	-.7212	-485.2	-.8080	96.73
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66.34	6.193	1.190	3.920	693.6	28.09	22.57
SDev	.06	.184	.289	1.168	.4	2.34	.23
%RSD	.0955	2.975	24.26	29.81	.0615	8.335	1.032
#1	66.30	6.063	1.394	4.746	693.2	26.43	22.74
#2	66.38	6.324	.9856	3.094	693.9	29.74	22.41
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				

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Units	ppb	ppb					
Avge	1.298	2.546					
SDev	2.934	4.595					
%RSD	226.1	180.5					
#1	3.373	5.796					
#2	-.7769	-.7030					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	.9898804	--	--	--	--	--	--
%RSD	.0911227	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32019-G-2-A@4 Operator:
 Run Time: 10/13/11 01:18:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18330.	1.428	5.303	85.34	.6492	-.3571	1405.
SDev	39.	.072	3.971	.38	.0199	.0535	1.
%RSD	.2109	5.026	74.88	.4434	3.073	14.99	.0869
#1	18300.	1.377	2.495	85.07	.6633	-.3193	1404.
#2	18360.	1.478	8.111	85.61	.6351	-.3949	1406.

□□Analysis Report

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.47	7.190	15.20	26550.	2472.	203.5	19.81
SDev	.12	.051	.12	13.	7.	.1	.17
%RSD	.2804	.7125	.8143	.0481	.2838	.0555	.8576
#1	44.56	7.227	15.11	26540.	2467.	203.4	19.69
#2	44.38	7.154	15.29	26560.	2477.	203.6	19.93

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1065.	-.2855	17.99	3.712	-190.9	1.800	62.94
SDev	9.	.5408	.08	.390	39.3	.832	.19
%RSD	.8463	189.4	.4216	10.52	20.59	46.21	.3020
#1	1059.	-.6679	17.94	3.988	-218.7	2.388	63.07
#2	1072.	.0969	18.05	3.436	-163.1	1.212	62.80

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	53.12	4.896	.3763	2.224	571.9	20.19	16.89
SDev	.49	.271	1.299	.039	.9	1.24	.73
%RSD	.9192	5.542	345.3	1.754	.1499	6.126	4.330
#1	53.46	5.088	1.295	2.251	571.3	21.07	16.38
#2	52.77	4.704	-.5424	2.196	572.5	19.32	17.41
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.025	4.046					
SDev	1.113	.030					
%RSD	36.79	.7385					
#1	3.811	4.067					
#2	2.238	4.025					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	5.860475	--	--	--	--	--	--
%RSD	.5386070	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32095-A-2-G@4 Operator:
Run Time: 10/13/11 01:24:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32670.	.7977	26.11	894.4	1.543	3.928	5473.
SDev	45.	1.044	3.42	.9	.031	.054	4.
%RSD	.1371	130.8	13.09	.1037	2.029	1.378	.0722
#1	32640.	.0598	23.69	895.1	1.565	3.966	5470.
#2	32700.	1.536	28.52	893.8	1.521	3.889	5476.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	169.6	26.04	57.85	50040.	10060.	547.1	51.30
SDev	.3	.22	.03	5.	13.	.8	.34
%RSD	.1647	.8269	.0461	.0099	.1266	.1514	.6673
#1	169.4	25.88	57.83	50040.	10050.	546.5	51.54
#2	169.8	26.19	57.87	50040.	10070.	547.7	51.06

□□Analysis Report

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3557.	.5369	88.62	-.0785	209.8	4.560	102.3

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SDev	3.	.0361	.06	1.2939	89211v1 19.1	3.247	.0
%RSD	.0860	6.728	.0712	1648.	9.122	71.20	.0479
#1	3559.	.5624	88.67	-.9934	223.3	2.265	102.3
#2	3555.	.5114	88.58	.8364	196.2	6.856	102.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	920.0	7.728	.7050	9.494	1939.	88.38	88.74
SDev	.9	.319	.4898	.119	1.	.45	.32
%RSD	.0967	4.122	69.48	1.251	.0576	.5142	.3623
#1	919.3	7.503	.3587	9.410	1939.	88.06	88.97
#2	920.6	7.953	1.051	9.578	1940.	88.70	88.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.975	1.358					
SDev	.512	1.684					
%RSD	17.21	124.0					
#1	-3.337	.1671					
#2	-2.613	2.549					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1127	--	--	--	--	--	--
SDev	4.910214	--	--	--	--	--	--
%RSD	.4356673	--	--	--	--	--	--
#1	1131	--	--	--	--	--	--
#2	1124	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1129170 Operator:
Run Time: 10/13/11 01:30:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123000.	991.1	4905.	9983.	985.5	2365.	121400.
SDev	540.	9.6	26.	40.	4.7	14.	715.
%RSD	.4387	.9663	.5295	.3965	.4772	.6127	.5886
#1	122600.	984.3	4887.	9955.	982.2	2355.	120900.
#2	123400.	997.8	4924.	10010.	988.9	2375.	121900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4868.	2440.	12160.	98410.	121900.	4808.	2382.
SDev	28.	12.	48.	471.	624.	25.	16.
%RSD	.5710	.4727	.3974	.4789	.5119	.5270	.6861
#1	4848.	2432.	12120.	98080.	121500.	4790.	2370.
#2	4888.	2448.	12190.	98750.	122300.	4826.	2394.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48750.	1228.	9493.	4897.	122100.	4795.	2420.
SDev	376.	7.	48.	40.	607.	25.	11.
%RSD	.7708	.5759	.5049	.8173	.4973	.5262	.4742

#1	48480.	1223.	9459.	4868.	121700.	4777.	2412.
#2	49010.	1233.	9527.	4925.	122600.	4813.	2428.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2331.	954.9	2415.	986.5	9807.	9500.	9489.
SDev	14.	5.7	16.	1.4	49.	40.	52.
%RSD	.5846	.5998	.6622	.1459	.4949	.4219	.5465

#1	2322.	950.9	2404.	985.5	9772.	9471.	9453.
#2	2341.	959.0	2426.	987.5	9841.	9528.	9526.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4810.	4940.
SDev	26.	47.
%RSD	.5452	.9495

#1	4792.	4907.
#2	4829.	4973.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1050	--	--	--	--	--	--
SDev	6.018866	--	--	--	--	--	--
%RSD	.5732865	--	--	--	--	--	--
#1	1054	--	--	--	--	--	--
#2	1046	--	--	--	--	--	--

Method: SW846 Sample Name: CCB

Run Time: 10/13/11 01:37:01

Operator:

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.40	2.258	-1.981	.0143	-.3770	.2376	.9026
SDev	3.51	1.589	1.127	.4234	.0735	.0112	6.393
%RSD	6.835	70.37	56.86	2960.	19.49	4.720	708.2

#1	53.88	1.134	-1.185	.3137	-.3251	.2455	5.423
#2	48.91	3.381	-2.778	-.2851	-.4290	.2296	-3.618

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

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High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1747	.1408	-.1701	8.507	17.58	-.0219	.4848
SDev	.2989	.9188	.7952	9.709	10.73	.2684	.6995
%RSD	171.1	652.4	467.5	114.1	61.03	1225.	144.3
#1	-.0366	-.5088	.3922	15.37	25.17	.1679	-.0099
#2	.3861	.7905	-.7324	1.642	9.995	-.2117	.9794
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-49.84	.7856	.0227	-.3539	-417.1	3.401	.4161
SDev	3.88	.1703	.6973	2.0873	48.3	1.140	.1456
%RSD	7.785	21.67	3068.	589.8	11.59	33.51	35.00
#1	-52.59	.9059	.5158	1.122	-382.9	2.595	.5191
#2	-47.10	.6652	-.4703	-1.830	-451.2	4.207	.3131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8348	.0511	-1.398	2.825	.6750	-3.928	1.991
SDev	.3236	1.006	.547	.306	.4974	2.167	2.127
%RSD	38.77	1970.	39.12	10.84	73.68	55.17	106.8
#1	.6059	-.6604	-1.785	2.609	1.027	-5.461	3.495
#2	1.064	.7626	-1.011	3.042	.3234	-2.396	.4868
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.426	-1.751					
SDev	.659	3.458					
%RSD	27.16	197.5					
#1	1.960	.6942					
#2	2.892	-4.197					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	1.702684	--	--	--	--	--	--
%RSD	.1567635	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1085	--	--	--	--	--	--

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Analysis Report

Method: SW846 Sample Name: 460-32200-A-1-D@4 Operator:

Run Time: 10/13/11 01:43:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	89211v1 Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
		10/13/11	01:49:36 AM		page 158			Analysis Report

Avge	3530.	2.017	22.81	29.35	-.0932	.0655	737.9
SDev	2.	.389	1.52	.71	.0360	.1269	6.2
%RSD	.0634	19.26	6.652	2.432	38.63	193.8	.8463

#1	3528.	2.292	23.88	29.86	-.0677	.1553	742.4
#2	3531.	1.742	21.74	28.85	-.1186	-.0243	733.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.92	5.179	23.78	18660.	786.9	43.75	11.73
SDev	.51	.545	.57	64.	8.5	.28	.19
%RSD	2.672	10.53	2.416	.3442	1.082	.6312	1.615

#1	19.27	4.793	24.19	18700.	793.0	43.95	11.59
#2	18.56	5.564	23.38	18610.	780.9	43.56	11.86

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	325.2	.7639	112.1	1.458	-262.1	2.206	21.91
SDev	9.1	.4244	2.7	1.140	115.2	.468	.05
%RSD	2.796	55.56	2.415	78.24	43.95	21.23	.2142

#1	331.7	1.064	114.0	.6512	-180.7	2.537	21.88
#2	318.8	.4638	110.2	2.264	-343.6	1.875	21.95

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.81	.9778	3.062	6.117	263.6	112.8	111.7
SDev	.91	1.012	.538	.581	.4	.6	4.4
%RSD	3.054	103.5	17.56	9.506	.1384	.5418	3.906

#1	30.45	1.693	3.442	5.706	263.9	112.4	114.8
#2	29.17	.2624	2.682	6.528	263.3	113.3	108.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.2905	2.031
SDev	5.968	1.270
%RSD	2054.	62.52

#1	-3.929	2.928	Analysis Report	10/13/11 01:49:36 AM	page 1

#2	4.510	1.133

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

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Wavlen	371.030	--	--	--	89211v1	--	--
Avge	1087	--	--	--	--	--	--
SDev	1.267130	--	--	--	--	--	--
%RSD	.1165996	--	--	--	--	--	--
#1	1086	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32200-A-2-D@4 Operator:
Run Time: 10/13/11 01:49:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2810.	1.341	5.900	10.88	-.2996	.6530	373.3
SDev	27.	1.051	.389	.10	.0197	.0409	3.2
%RSD	.9695	78.42	6.600	.8806	6.592	6.267	.8636
#1	2791.	.5972	6.175	10.81	-.2856	.6819	371.1
#2	2829.	2.084	5.625	10.95	-.3135	.6240	375.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.93	7.652	9.057	7417.	384.4	26.18	13.59

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SDev	.35	.611	.005	54.	1.4	.18	.03
%RSD	1.861	7.979	.0600	.7268	.3699	.6806	.2286
#1	18.68	7.220	9.053	7379.	383.4	26.06	13.61
#2	19.18	8.083	9.061	7455.	385.4	26.31	13.57
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	145.9	.2005	18.75	2.014	-256.6	.2213	11.13
SDev	11.3	.1111	.43	1.858	84.5	3.797	.03
%RSD	7.752	55.42	2.307	92.26	32.92	1716.	.2516
#1	137.9	.2790	19.05	3.328	-316.3	-2.464	11.11
#2	153.9	.1219	18.44	.7001	-196.9	2.906	11.15

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.12	1.256	2.169	3.615	138.2	19.40	18.42
SDev	.19	.483	1.154	1.412	1.0	3.04	2.17
%RSD	.6115	38.48	53.23	39.05	.7212	15.69	11.77
#1	31.25	.9145	1.352	2.617	137.5	17.24	19.95
#2	30.98	1.598	2.985	4.613	138.9	21.55	16.89

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.431	.7975
SDev	1.955	1.810
%RSD	44.13	226.9

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#1 5.813 2.077
#2 3.048 -.4820

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	9.028300	--	--	--	--	--	--
%RSD	.8312433	--	--	--	--	--	--

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#1	1093	--	--	--	--	--	--
#2	1080	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32200-A-3-D@4 Operator:

Run Time: 10/13/11 01:55:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50440.	.9328	42.02	100.8	3.167	-1.118	20860.
SDev	372.	.9954	2.13	.9	.032	.071	218.
%RSD	.7371	106.7	5.072	.8778	.9954	6.345	1.045

#1	50180.	.2289	40.52	100.2	3.145	-1.168	20710.
#2	50700.	1.637	43.53	101.5	3.189	-1.068	21020.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126.3	35.84	38.54	129200.	25710.	1559.	88.05
SDev	.9	.86	.57	1348.	204.	15.	1.65
%RSD	.7370	2.397	1.475	1.044	.7914	.9931	1.874

#1	125.7	35.23	38.14	128200.	25570.	1548.	86.88
#2	127.0	36.45	38.94	130200.	25860.	1570.	89.21

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10270.	.8921	41.76	6.132	-139.7	.0899	146.8

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SDev	84.	.3362	.73	2.562	126.2	1.360	1.7
%RSD	.8230	37.69	1.752	41.78	90.33	1514.	1.152

#1	10210.	.6544	41.24	4.321	-228.9	-.8720	145.6
#2	10330.	1.130	42.28	7.944	-50.46	1.052	148.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	270.5	43.11	3.610	4.770	1291.	44.90	40.19
SDev	2.6	.15	.951	.870	12.	1.46	.37
%RSD	.9628	.3590	26.35	18.24	.9468	3.245	.9197

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#1	268.6	43.22	2.937	5.385	1283.	43.87	39.92
#2	272.3	43.01	4.282	4.154	1300.	45.93	40.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.479	7.947					
SDev	.059	3.812					
%RSD	2.399	47.96					
#1	2.437	5.252					
#2	2.521	10.64					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1144	--	--	--	--	--	--
SDev	10.88938	--	--	--	--	--	--
%RSD	.9515923	--	--	--	--	--	--
#1	1152	--	--	--	--	--	--
#2	1137	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32128-D-13-M04 Operator:

Run Time: 10/13/11 02:02:18

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	876.2	1.500	3.025	2.921	-.4129	-.2531	168.4
SDev	.3	.654	4.939	.087	.0272	.1988	.1
%RSD	.0289	43.61	163.3	2.967	6.581	78.54	.0473
#1	876.4	1.037	6.518	2.860	-.3937	-.3936	168.4
#2	876.0	1.962	-.4673	2.982	-.4321	-.1125	168.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.898	-.1370	.2678	6022.	110.7	4.077	.6506
SDev	.146	.1848	.0027	28.	6.3	.089	.2017
%RSD	1.854	134.9	.9929	.4719	5.695	2.179	31.00
#1	8.001	-.0063	.2660	6042.	115.2	4.140	.5080
#2	7.794	-.2677	.2697	6002.	106.3	4.014	.7932
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-40.69	.2513	3.238	.4736	-227.2	2.093	7.841
SDev	1.37	.2753	1.277	.8589	17.1	.681	.080
%RSD	3.355	109.5	39.45	181.4	7.504	32.55	1.022
#1	-41.66	.0567	4.141	1.081	-239.3	1.611	7.785
#2	-39.73	.4460	2.335	-.1337	-215.2	2.575	7.898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

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	High	Low	100000. -1000.	2500. -10.00	20000. -5.000	10000. -5.000	89211v1 250000. -1000.	10000. -10.00	5000. -10.00
Elem Units	Zn2062 ppb	B_2496 ppb	10/13/11	02:08:23	AM	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb

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Avge	3.239	-.3707	.3367	3.679	70.52	3.551	3.077
SDev	.641	.0606	.1083	.557	.15	.923	2.376
%RSD	19.78	16.35	32.18	15.14	.2179	26.00	77.21
#1	2.786	-.4135	.2601	4.073	70.62	2.899	4.757
#2	3.693	-.3278	.4133	3.285	70.41	4.204	1.397

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem Units	1960/1 ppb	1960/2 ppb
Avge	2.297	-.4464
SDev	.336	1.4553
%RSD	14.62	326.0

#1	2.059	.5827
#2	2.534	-1.475

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1078	--	--	--	--	--	--
SDev	.3564018	--	--	--	--	--	--
%RSD	.0330468	--	--	--	--	--	--
#1	1079	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1129170 Operator:
 Run Time: 10/13/11 02:08:27
 Comment:
 Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	123300.	1004.	4936.	10010.	985.3	2378.	121300.
SDev	709.	11.	61.	57.	7.9	32.	911.
%RSD	.5748	1.134	1.239	.5655	.8032	1.355	.7512
#1	123800.	1012.	4980.	10050.	990.9	2401.	121900.
#2	122800.	996.2	4893.	9972.	979.7	2355.	120600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	4865.	2439.	12190.	98290.	122100.	4807.	2398.
SDev	40.	18.	58.	745.	639.	34.	32.
%RSD	.8164	.7431	.4784	.7577	.5234	.7050	1.347
#1	4893.	2452.	12230.	98820.	122600.	4831.	2421.
#2	4837.	2426.	12150.	97760.	121700.	4783.	2376.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

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Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49000.	1231.	9476.	4905.	122500.	4845.	2420.
SDev	208.	7.	22.	14.	407.	50.	17.
%RSD	.4255	.5533	.2279	.2888	.3323	1.036	.7129
#1	49150.	1235.	9491.	4915.	122800.	4881.	2432.
#2	48860.	1226.	9460.	4895.	122200.	4810.	2408.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2342.	959.7	2434.	984.2	9819.	9500.	9464.
SDev	28.	12.4	34.	3.8	61.	60.	3.
%RSD	1.211	1.292	1.381	.3907	.6213	.6289	.0269
#1	2362.	968.4	2457.	986.9	9862.	9542.	9465.
#2	2322.	950.9	2410.	981.5	9776.	9458.	9462.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem 1960/1 1960/2 ☐ Analysis Report

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Units	ppb	ppb
Avge	4842.	4937.
SDev	37.	3.
%RSD	.7694	.0535
#1	4868.	4939.
#2	4815.	4935.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1057	--	--	--	--	--	--
SDev	6.058486	--	--	--	--	--	--
%RSD	.5733142	--	--	--	--	--	--
#1	1052	--	--	--	--	--	--
#2	1061	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
 Run Time: 10/13/11 02:14:35
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.64	1.459	-1.572	1.043	-.4222	.3199	-8.147
SDev	2.49	1.076	1.917	.336	.0042	.0387	3.203
%RSD	4.642	73.71	121.9	32.24	.9971	12.09	39.31
#1	51.87	.6987	-2.928	1.281	-.4252	.3473	-5.883
#2	55.40	2.220	-.2168	.8053	-.4192	.2926	-10.41

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

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	Cr2677	Co2286	Cu3247	Fe2714	89211v1 Mg3832	Mn2576	Ni2316
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9263	.2689	-.0356	-.5796	20.27	.0771	.5113
SDev	.0739	.0004	.1125	.6512	.71	.1333	.1967
%RSD	7.981	.1330	316.1	112.4	3.505	173.0	38.47
#1	-.8740	.2692	.0440	-1.040	20.77	.1713	.3723
#2	-.9785	.2687	-.1151	-.1191	19.77	-.0172	.6504
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-64.79	.8862	-.4511	-.2019	-365.6	5.861	.2695
SDev	4.28	.4126	.8213	.6191	14.2	1.956	.0757
%RSD	6.602	46.55	182.1	306.6	3.889	33.37	28.08
#1	-61.76	.5945	.1296	.2359	-355.6	7.244	.3230
#2	-67.81	1.178	-1.032	-.6397	-375.7	4.478	.2160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4592	1.021	.1466	1.619	.4882	-4.198	1.415
SDev	.3877	.117	.3139	.580	.1770	1.603	2.032
%RSD	84.42	11.44	214.1	35.86	36.25	38.20	143.6
#1	.7334	1.104	.3685	1.208	.6134	-5.332	2.852
#2	.1851	.9384	-.0754	2.029	.3631	-3.064	-.0214
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem Units	1960/1	1960/2					
ppb	ppb	ppb					
Avge	2.050	-1.336					
SDev	3.096	.618					
%RSD	151.0	46.23					
#1	4.240	-1.773					
#2	-.1392	-.8993					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□ Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1081	--	--	--	--	--	--
SDev	3.167825	--	--	--	--	--	--
%RSD	.2931304	--	--	--	--	--	--
#1	1083	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32016-K-1-B@3 Operator:
 Run Time: 10/13/11 02:45:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.33	2.478	4.490	11.98	-.4316	-.7812	114900.

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SDev	2.08	.210	.812	.79	89211v1 .0121	.1865	151.
%RSD	4.222	8.474	18.09	6.605	2.810	23.87	.1313
#1	47.86	2.330	3.915	11.42	-.4402	-.9131	115000.
#2	50.80	2.627	5.064	12.54	-.4230	-.6493	114800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.177	.4642	.0513	88920.	44490.	4379.	2.944
SDev	.375	.0934	.1274	40.	173.	1.	.613
%RSD	17.21	20.12	248.2	.0453	.3892	.0170	20.81
#1	-1.912	.5302	.1414	88950.	44370.	4380.	2.511
#2	-2.442	.3982	-.0388	88900.	44610.	4378.	3.378
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12930.	.7993	2.745	1.757	227300.	3.064	3.422
SDev	38.	.0493	.197	2.630	1181.	.862	.319
%RSD	.2901	6.171	7.186	149.7	.5195	28.12	9.308
#1	12910.	.8342	2.884	3.616	226500.	3.673	3.197
#2	12960.	.7644	2.606	-.1023	228200.	2.455	3.647

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.209	234.5	-2.027	3.822	-.3544	3.339	2.444
SDev	.087	.4	.664	2.624	.0606	.293	.442
%RSD	3.926	.1654	32.76	68.66	17.10	8.772	18.08
#1	2.148	234.7	-2.497	5.678	-.3115	3.132	2.757
#2	2.271	234.2	-1.558	1.966	-.3972	3.546	2.132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.271	-.0072					
SDev	.770	3.5577					
%RSD	14.61	49330.					
#1	5.816	2.508					
#2	4.727	-2.523					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	1.267130	--	--	--	--	--	--
%RSD	.1185670	--	--	--	--	--	--

#1	1070	--	--	--	89211v1	--	--
#2	1068	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31970-A-16-A@10 Operator:
Run Time: 10/13/11 02:51:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18050.	.9507	60.82	47.42	1.237	-1.006	3629.
SDev	41.	.9036	1.03	.07	.014	.177	10.
%RSD	.2283	95.04	1.686	.1546	1.118	17.61	.2813

#1	18070.	1.590	60.09	47.48	1.227	-.8807	3636.
#2	18020.	.3118	61.54	47.37	1.247	-1.131	3622.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.69	1.919	4.158	123700.	1775.	25.90	6.957
SDev	.09	.551	.018	75.	1.	.22	.793
%RSD	.1044	28.73	.4378	.0603	.0360	.8478	11.39

#1	85.63	2.308	4.171	123700.	1776.	26.05	6.397
#2	85.75	1.529	4.145	123600.	1775.	25.74	7.518

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2260.	.9673	56.45	6.476	578.8	2.255	111.6
SDev	1.	.1303	.58	.563	27.0	1.741	.4
%RSD	.0359	13.46	1.034	8.692	4.670	77.21	.3205

#1	2261.	.8752	56.86	6.874	597.9	1.024	111.4
#2	2260.	1.059	56.03	6.078	559.7	3.486	111.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.90	12.89	23.21	2.788	77.52	59.81	54.76
SDev	.05	.10	.74	1.040	.00	1.53	.11
%RSD	.1689	.7813	3.196	37.30	.0009	2.555	.2041

#1	28.94	12.82	22.69	3.523	77.52	60.89	54.84	□□Analysis Report

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#2	28.87	12.96	23.74	2.052	77.51	58.73	54.68

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.955	7.226
SDev	.252	.970
%RSD	5.091	13.42

#1	4.777	7.912
#2	5.134	6.540

Errors	NOCHECK	NOCHECK
High		

89211v1

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1090	--	--	--	--	--	--
SDev	1.663151	--	--	--	--	--	--
%RSD	.1525144	--	--	--	--	--	--
#1	1089	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1129170 Operator:
 Run Time: 10/13/11 02:57:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	119400.	960.7	4748.	9690.	950.3	2289.	117100.
SDev	133.	.9	.	3.	1.9	8.	244.
%RSD	.1111	.0897	.0087	.0277	.1996	.3419	.2085

#1	119500.	960.0	4748.	9692.	951.7	2295.	117300.
#2	119300.	961.3	4748.	9688.	949.0	2283.	117000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4700.	2354.	11820.	94900.	118500.	4649.	2305.
SDev	5.	5.	3.	197.	102.	6.	7.
%RSD	.1062	.2217	.0263	.2074	.0858	.1344	.2973

#1	4703.	2358.	11830.	95040.	118500.	4653.	2310.
#2	4696.	2350.	11820.	94760.	118400.	4645.	2301.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47660.	1190.	9242.	4766.	119600.	4673.	2340.
SDev	64.	.	16.	5.	218.	1.	2.
%RSD	.1332	.0036	.1731	.1060	.1824	.0282	.0700

#1	47610.	1190.	9254.	4770.	119700.	4674.	2341.
#2	47700.	1190.	9231.	4763.	119400.	4672.	2339.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2251.	930.2	2342.	951.1	9500.	9190.	9269.
SDev	7.	.8	1.	2.4	5.	2.	25.
%RSD	.3285	.0899	.0283	.2517	.0476	.0179	.2677

#1	2256.	930.8	2342.	949.4	9503.	9188.	9286.
#2	2246.	929.6	2342.	952.8	9497.	9191.	9251.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2

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Units	ppb	ppb
Avge	4694.	4802.
SDev	7.	11.
%RSD	.1470	.2295

#1	4689.	4810.	□□Analysis Report
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#2	4699.	4795.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	.3959349	--	--	--	--	--	--
%RSD	.0366848	--	--	--	--	--	--

#1	1080	--	--	--	--	--	--
#2	1079	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
Run Time: 10/13/11 03:03:31
Comment:
Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.59	.5098	1.219	.4421	-.2375	.4462	.3976
SDev	5.74	1.107	1.028	.6827	.0515	.1272	7.925
%RSD	11.81	217.2	84.37	154.4	21.68	28.50	1993.
#1	52.64	1.292	1.946	.9249	-.2011	.5361	6.001
#2	44.53	-.2730	.4916	-.0406	-.2739	.3563	-5.206

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1336	.2021	.9382	3.540	18.05	.1746	1.347

□□Analysis Report

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SDev	.7460	.0916	.6671	12.93	7.38	.2704	.075
%RSD	558.2	45.32	71.11	365.3	40.87	154.8	5.552

#1	.3939	.2668	1.410	12.68	23.26	.3658	1.294
#2	-.6611	.1373	.4665	-5.603	12.83	-.0166	1.400

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-43.17	.2787	-.9778	-.9848	-492.2	2.691	.3235
SDev	3.28	.5668	1.0014	1.2018	47.6	2.520	.0059
%RSD	7.598	203.4	102.4	122.0	9.676	93.68	1.821

#1	-40.85	.6795	-1.686	-.1350	-458.5	.9084	.3277
#2	-45.49	-.1221	-.2697	-1.835	-525.9	4.473	.3193

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
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Units	ppb	ppb	ppb	ppb	89211v1 ppb	ppb	ppb
Avge	.4680	.5582	.0092	3.560	.9458	-.5264	-1.207
SDev	.0837	.1795	1.190	1.115	.5887	1.0243	2.013
%RSD	17.88	32.16	13000.	31.31	62.24	194.6	166.7
#1	.4088	.4313	.8504	4.348	1.362	.1978	-2.631
#2	.5271	.6851	-.8321	2.772	.5295	-1.251	.2159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.774	-3.370					
SDev	.212	1.908					
%RSD	5.614	56.60					
#1	3.624	-2.022					
#2	3.924	-4.719					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1078	--	--	--	--	--	--
SDev	1.267130	--	--	--	--	--	--
%RSD	.1174957	--	--	--	--	--	--

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#1	1079	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 1129170	89157V1	SW846	10/13/11	04:18	S	CONC	
2	ICB	89157V1	SW846	10/13/11	04:25	S	CONC	
3	ICSA 1132260	89157V1	SW846	10/13/11	04:31	S	CONC	
4	ICSAB 1132262	89157V1	SW846	10/13/11	04:37	S	CONC	
5	INT-20	89157V1	SW846	10/13/11	04:43	S	CONC	
6	REPLIM	89157V1	SW846	10/13/11	04:49	S	CONC	
7	MB 460-89157/1-A@2	89157V1	SW846	10/13/11	04:55	S	CONC	
8	LCSSRM 460-89157/2-A	89157V1	SW846	10/13/11	05:01	S	CONC	
9	460-32205-A-7-E DU@4	89157V1	SW846	10/13/11	05:08	S	CONC	
10	460-32205-A-7-D@4	89157V1	SW846	10/13/11	05:14	S	CONC	
11	SD 460-32205-A-7-D@2	89157V1	SW846	10/13/11	05:20	S	CONC	
12	460-32205-A-7-F MS@4	89157V1	SW846	10/13/11	05:26	S	CONC	
13	CCV 1129170	89157V1	SW846	10/13/11	05:32	S	CONC	
14	CCB	89157V1	SW846	10/13/11	05:38	S	CONC	
15	PDS460-32205-A-7-D@4	89157V1	SW846	10/13/11	05:45	S	CONC	
16	460-32205-B-1-F@4	89157V1	SW846	10/13/11	05:51	S	CONC	
17	460-32205-B-2-F@4	89157V1	SW846	10/13/11	05:57	S	CONC	
18	460-32205-B-3-F@4	89157V1	SW846	10/13/11	06:03	S	CONC	
19	460-32205-B-4-F@4	89157V1	SW846	10/13/11	06:09	S	CONC	
20	460-32205-B-5-F@4	89157V1	SW846	10/13/11	06:15	S	CONC	
21	460-32205-B-6-F@4	89157V1	SW846	10/13/11	06:21	S	CONC	
22	460-32205-B-9-F@4	89157V1	SW846	10/13/11	06:28	S	CONC	
23	460-32220-A-4-H@4	89157V1	SW846	10/13/11	06:34	S	CONC	
24	460-32220-A-5-D@4	89157V1	SW846	10/13/11	06:40	S	CONC	
25	CCV 1129170	89157V1	SW846	10/13/11	06:46	S	CONC	
26	CCB	89157V1	SW846	10/13/11	06:52	S	CONC	
27	460-32220-A-6-D@4	89157V1	SW846	10/13/11	06:58	S	CONC	
28	460-32077-D-1-B@4	89157V1	SW846	10/13/11	07:04	S	CONC	
29	460-32077-D-2-B@4	89157V1	SW846	10/13/11	07:11	S	CONC	
30	460-32241-A-1-F@4	89157V1	SW846	10/13/11	07:17	S	CONC	
31	460-32244-A-1-D@4	89157V1	SW846	10/13/11	07:23	S	CONC	
32	460-31431-A-11-B@4	89157V1	SW846	10/13/11	07:29	S	CONC	
33	460-32192-A-1-E@4	89157V1	SW846	10/13/11	07:35	S	CONC	
34	460-32192-A-2-E@4	89157V1	SW846	10/13/11	07:41	S	CONC	
35	CCV 1129170	89157V1	SW846	10/13/11	07:47	S	CONC	
36	CCB	89157V1	SW846	10/13/11	07:54	S	CONC	
37	MB 460-89204/1-A	89157V1	SW846	10/13/11	08:00	S	CONC	
38	LCS 460-89204/2-A	89157V1	SW846	10/13/11	08:06	S	CONC	
39	460-31913-B-13-B DU	89157V1	SW846	10/13/11	08:12	S	CONC	
40	460-31913-B-13-A	89157V1	SW846	10/13/11	08:18	S	CONC	
41	SD 460-31913-B-13-A	89157V1	SW846	10/13/11	08:24	S	CONC	
42	460-31913-B-13-C MS	89157V1	SW846	10/13/11	08:30	S	CONC	
43	PDS 460-31913-B-13-A	89157V1	SW846	10/13/11	08:37	S	CONC	
44	460-31857-D-26-A	89157V1	SW846	10/13/11	08:43	S	CONC	
45	460-31963-D-18-A	89157V1	SW846	10/13/11	08:49	S	CONC	
46	460-32045-D-14-A	89157V1	SW846	10/13/11	08:55	S	CONC	
47	CCV 1129170	89157V1	SW846	10/13/11	09:01	S	CONC	
48	CCB	89157V1	SW846	10/13/11	09:07	S	CONC	
49	CCV 1200071	89157V1	SW846	10/13/11	15:36	S	CONC	
50	CCB	89157V1	SW846	10/13/11	15:42	S	CONC	
51	mb 460-89370/1-a	89157V1	SW846	10/13/11	15:52	S	CONC	
52	lcs 460-89370/2-a	89157V1	SW846	10/13/11	15:58	S	CONC	
53	460-32194-a-1-c du@2	89157V1	SW846	10/13/11	16:06	S	CONC	

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	460-32194-a-1-b@20	89157V1	SW846	10/13/11	16:12	S	CONC	
55	SD 460-32194-a-1-b@1	89157V1	SW846	10/13/11	16:18	S	CONC	
56	460-32194-a-1-d ms@2	89157V1	SW846	10/13/11	16:24	S	CONC	
57	PDS 460-32194-a-1-b@	89157V1	SW846	10/13/11	16:31	S	CONC	
58	lb 460-89326/1-b	89157V1	SW846	10/13/11	16:37	S	CONC	
59	CCV 1200071	89157V1	SW846	10/13/11	16:43	S	CONC	
60	CCB	89157V1	SW846	10/13/11	16:49	S	CONC	
61	mb 460-89155/1-a@2	89157V1	SW846	10/13/11	16:55	S	CONC	
62	mb 460-89130/1-a@2	89157V1	SW846	10/13/11	17:01	S	CONC	

63	mb 460-88744/1-a@2	89157V1	SW846	10/13/11	17:07	S	CONC
64	CCV 1200071	89157V1	SW846	10/13/11	17:13	S	CONC
65	CCB	89157V1	SW846	10/13/11	17:20	S	CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1129170	125500.	1002.	4993.	9984.	998.4	2505.
2	ICB	23.56	2.134	1.495	.9745	.0653	.2862
3	ICSA 1132260	487600.	-.9654	1.451	2.733	-.0949	-.4664
4	ICSAB 1132262	480400.	111.7	110.5	109.6	105.1	101.8
5	INT-20	70.65	-27.00	-3.357	10250.	.2426	-1.996
6	REPLIM	238.0	11.24	6.753	198.5	1.963	4.054
7	MB 460-89157/1-A@2	6.976	1.606	.0649	-1.251	-.1364	-.3042
8	LCSSRM 460-89157/2-A	34420.	907.5	522.6	945.3	381.4	303.8
9	460-32205-A-7-E DU@4	51890.	-.3384	45.54	103.9	3.528	-.7287
10	460-32205-A-7-D@4	50300.	-.6254	46.31	101.7	3.511	-.9448
11	SD 460-32205-A-7-D@2	10540.	1.163	7.883	20.38	.6140	-.2350
12	460-32205-A-7-F MS@4	63970.	98.88	1006.	1110.	29.07	24.35
13	CCV 1129170	127300.	1018.	5074.	10160.	1018.	2524.
14	CCB	19.08	.0837	1.235	-.3442	-.1764	.1589
15	PDS460-32205-A-7-D@4	53520.	476.2	1958.	2052.	51.78	47.47
16	460-32205-B-1-F@4	74970.	2.452	413.0	1892.	9.890	-1.090
17	460-32205-B-2-F@4	20080.	2.629	39.15	49.81	1.789	-1.226
18	460-32205-B-3-F@4	48320.	.5140	66.85	101.4	3.419	-1.325
19	460-32205-B-4-F@4	5999.	1.546	32.77	16.42	.2915	.3807
20	460-32205-B-5-F@4	3873.	1.803	1.909	6.510	-.0335	-.3274
21	460-32205-B-6-F@4	5187.	2.963	38.43	12.86	.3259	-.0791
22	460-32205-B-9-F@4	50460.	-.0684	41.76	103.8	3.289	-1.489
23	460-32220-A-4-H@4	13590.	1.683	18.97	82.51	-.0117	-.1054
24	460-32220-A-5-D@4	37990.	1.169	16.86	439.9	3.395	-.3466
25	CCV 1129170	123500.	986.8	4915.	9940.	991.1	2407.
26	CCB	31.66	1.972	1.003	.6187	-.2271	.0621
27	460-32220-A-6-D@4	42830.	.9990	18.59	473.8	3.835	-.4382
28	460-32077-D-1-B@4	9299.	1.676	8.121	11.05	.0280	-.3844
29	460-32077-D-2-B@4	10850.	.9376	6.528	11.67	.0552	-.2691
30	460-32241-A-1-F@4	37590.	-.4140	15.35	932.4	2.960	-.7101
31	460-32244-A-1-D@4	39780.	.6740	17.96	800.3	2.852	-.7067
32	460-31431-A-11-B@4	14050.	1.560	32.66	83.45	.8743	-.7677
33	460-32192-A-1-E@4	62300.	4.018	22.58	546.7	2.873	.1007
34	460-32192-A-2-E@4	82370.	.2371	14.02	501.7	3.547	-1.526
35	CCV 1129170	124600.	997.9	4971.	9995.	992.5	2442.
36	CCB	28.22	3.374	3.311	.8087	-.1596	.1654
37	MB 460-89204/1-A	27.88	.7093	4.079	-.0299	-.3090	-.2679
38	LCS 460-89204/2-A	2155.	532.6	2119.	2163.	53.15	54.70
39	460-31913-B-13-B DU	30.34	.5567	2.844	2.916	-.3266	-.2291
40	460-31913-B-13-A	27.43	1.505	1.769	2.908	-.2481	-.0752
41	SD 460-31913-B-13-A	6.523	.9997	.5470	.0445	-.2102	-.3077
42	460-31913-B-13-C MS	2091.	518.4	2055.	2113.	51.52	52.29
43	PDS 460-31913-B-13-A	2032.	495.7	1995.	2053.	50.11	51.10
44	460-31857-D-26-A	15.07	-.1819	1.930	-.6452	-.2018	-.2241
45	460-31963-D-18-A	15.63	-.4108	1.580	-.6452	-.1517	-.4586
46	460-32045-D-14-A	140.5	1.005	3.833	67.52	-.1712	-.4211
47	CCV 1129170	123300.	980.9	4887.	9864.	976.3	2411.
48	CCB	17.65	1.355	-.0048	1.202	-.0603	.0110
49	CCV 1200071	126000.	1025.	5078.	10140.	993.2	2542.
50	CCB	-28.06	1.097	2.116	1.189	.3624	.1353
51	mb 460-89370/1-a	-29.87	-1.394	1.644	-.6452	.2599	.1210
52	lcs 460-89370/2-a	5373.	1045.	5237.	10460.	1036.	1106.
53	460-32194-a-1-c du@2	-10.28	1.221	1.234	261.7	.2543	-.1081

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	460-32194-a-1-b@20	-19.00	1.686	-.9965	255.6	.3516	.0281
55	SD 460-32194-a-1-b@1	-31.95	.9194	2.742	53.06	.2721	-.3111
56	460-32194-a-1-d ms@2	268.7	53.83	268.8	789.2	51.60	55.12
57	PDS 460-32194-a-1-b@	4959.	963.3	4932.	9702.	938.1	997.8
58	lb 460-89326/1-b	-24.93	1.994	3.596	-.6452	.1689	-.3122
59	CCV 1200071	127500.	1028.	5128.	10170.	998.2	2583.
60	CCB	-30.35	.6760	1.777	-.0234	.2257	-.1060

61	mb 460-89155/1-a@2	-35.14	.4178	2.283	-.6452	.2323	-.0097
62	mb 460-89130/1-a@2	-36.96	.2260	-.0453	-1.385	.2291	-.3106
63	mb 460-88744/1-a@2	-34.08	1.429	3.057	-.6452	.1938	-.0398
64	CCV 1200071	126600.	1019.	5064.	10070.	988.7	2561.
65	CCB	-21.78	.4011	1.146	.7800	.3003	.1663
#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1129170	125600.	5006.	2501.	12500.	99970.	125300.
2	ICB	24.29	-.2057	.3631	2.048	12.11	33.72
3	ICSA 1132260	467900.	-2.724	1.618	2.897	200600.	530700.
4	ICSAB 1132262	462700.	98.72	102.8	112.7	198600.	522600.
5	INT-20	30.37	19710.	19360.	-1.079	-.9956	40.54
6	REPLIM	5055.	12.11	50.44	23.39	156.9	4733.
7	MB 460-89157/1-A@2	4.780	-.8878	-.3231	-.2112	4.120	13.97
8	LCSRM 460-89157/2-A	48390.	1171.	463.2	844.6	80960.	16590.
9	460-32205-A-7-E DU@4	17760.	134.8	37.54	41.60	132600.	25940.
10	460-32205-A-7-D@4	17040.	131.9	37.49	40.75	128300.	25110.
11	SD 460-32205-A-7-D@2	3568.	27.19	8.136	7.641	26950.	5220.
12	460-32205-A-7-F MS@4	28900.	250.1	279.2	163.8	147900.	37270.
13	CCV 1129170	127200.	5086.	2539.	12650.	101800.	126600.
14	CCB	4.910	-.2825	.1666	.3223	-4.406	19.97
15	PDS460-32205-A-7-D@4	36660.	327.5	513.6	279.0	131200.	44170.
16	460-32205-B-1-F@4	75930.	132.6	41.34	110.7	H267300.	7333.
17	460-32205-B-2-F@4	6159.	64.04	17.36	12.57	115200.	10690.
18	460-32205-B-3-F@4	7323.	127.5	33.17	36.23	152900.	22690.
19	460-32205-B-4-F@4	674.7	12.92	5.128	23.48	9940.	779.9
20	460-32205-B-5-F@4	157.8	18.28	2.511	2.231	7064.	348.7
21	460-32205-B-6-F@4	629.8	16.44	6.289	27.57	24460.	642.8
22	460-32205-B-9-F@4	19570.	140.8	35.21	37.61	131700.	25560.
23	460-32220-A-4-H@4	3025.	19.94	3.144	14.85	16100.	1254.
24	460-32220-A-5-D@4	5398.	46.40	16.72	21.23	38790.	3512.
25	CCV 1129170	123300.	4922.	2465.	12220.	99220.	122500.
26	CCB	3.143	.0925	.7644	.0292	5.654	19.97
27	460-32220-A-6-D@4	4489.	49.80	18.76	21.04	44020.	3971.
28	460-32077-D-1-B@4	261.3	9.721	4.374	1.795	6730.	1231.
29	460-32077-D-2-B@4	470.4	10.25	3.804	3.168	6166.	1035.
30	460-32241-A-1-F@4	18420.	71.91	37.73	79.68	77720.	21500.
31	460-32244-A-1-D@4	18630.	77.26	39.08	70.10	82190.	22660.
32	460-31431-A-11-B@4	4173.	61.69	10.20	25.27	70790.	2014.
33	460-32192-A-1-E@4	13550.	185.9	80.06	158.9	152700.	13420.
34	460-32192-A-2-E@4	12920.	156.0	54.91	66.51	123600.	12420.
35	CCV 1129170	123700.	4946.	2473.	12370.	99410.	123800.
36	CCB	8.914	-.1153	.2981	.3714	2.470	24.61
37	MB 460-89204/1-A	6.965	.0371	-.1732	.0632	-3.122	18.01
38	LCS 460-89204/2-A	21820.	217.3	530.9	261.5	1085.	20340.

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
39	460-31913-B-13-B DU	95.61	.6387	-.1056	-.3188	8.621	20.67
40	460-31913-B-13-A	96.34	.6074	-.7138	.3604	13.83	17.65
41	SD 460-31913-B-13-A	10.53	-.4163	-.4177	-.1630	4.413	24.40
42	460-31913-B-13-C MS	21130.	212.0	513.8	256.3	1064.	19760.
43	PDS 460-31913-B-13-A	20620.	206.2	501.0	248.2	1046.	19210.
44	460-31857-D-26-A	-2.418	-.0785	-.3710	-.0661	-2.124	13.47
45	460-31963-D-18-A	-5.239	-.8543	-.3297	-.3370	6.953	29.61
46	460-32045-D-14-A	43500.	-.4898	.6167	.7601	953.0	3487.
47	CCV 1129170	121900.	4877.	2438.	12250.	97740.	122500.
48	CCB	6.641	-.5309	-.4243	.4438	-2.914	28.04
49	CCV 1200071	125400.	5063.	2516.	12660.	98760.	126900.
50	CCB	4.989	.1084	.0912	2.044	9.514	23.70
51	mb 460-89370/1-a	-4.859	-.2888	-.1882	1.129	-10.58	4.697
52	lcs 460-89370/2-a	21700.	5377.	1067.	1080.	1076.	20760.
53	460-32194-a-1-c du@2	3275.	-.2401	.4589	5.936	887.0	387.9
54	460-32194-a-1-b@20	3219.	-.2005	.9600	5.888	879.9	374.5
55	SD 460-32194-a-1-b@1	681.5	-.8726	.0894	2.391	172.2	89.48
56	460-32194-a-1-d ms@2	4399.	264.4	54.30	57.50	955.1	1406.
57	PDS 460-32194-a-1-b@	22810.	4833.	966.9	982.2	1847.	19520.
58	lb 460-89326/1-b	2.400	-.5203	-.3234	1.275	2.992	10.50
59	CCV 1200071	126500.	5117.	2541.	12800.	99420.	128600.
60	CCB	-.8887	-.8050	-.1120	1.689	-5.120	20.16
61	mb 460-89155/1-a@2	-5.700	-.7816	-.2432	1.200	-6.906	6.446

62 mb 460-89130/1-a@2	-5.109	-.6435	-.3795	1.207	.1817	6.721
63 mb 460-88744/1-a@2	-6.289	-.6798	-.3085	.8251	-6.323	8.085
64 CCV 1200071	125100.	5062.	2516.	12700.	98380.	127500.
65 CCB	7.272	-.4479	.2299	2.348	12.44	22.01

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1129170	4996.	2510.	48790.	1252.	10010.	5010.
2	ICB	.6032	-.2652	7.039	1.002	1.983	-.3869
3	ICSA 1132260	-6.424	.5089	30.98	.7362	.3036	-2.111
4	ICSAB 1132262	98.42	99.70	10020.	106.9	102.0	96.99
5	INT-20	18730.	10460.	28.33	1.721	-.1744	-9.086
6	REPLIM	16.21	41.25	4363.	10.59	6.674	3.475
7	MB 460-89157/1-A@2	-.1336	-1.452	41.45	.2038	2.338	-4.442
8	LCSSRM 460-89157/2-A	2839.	679.0	18100.	148.5	423.1	1381.
9	460-32205-A-7-E DU@4	1907.	91.20	10730.	.9803	48.93	.3033
10	460-32205-A-7-D@4	1855.	88.86	10360.	1.053	56.72	1.859
11	SD 460-32205-A-7-D@2	387.6	18.46	2020.	.7410	11.72	-3.067
12	460-32205-A-7-F MS@4	2221.	340.0	22520.	24.47	290.9	920.5
13	CCV 1129170	5050.	2531.	49760.	1267.	10050.	5049.
14	CCB	.0474	-.2684	7.316	.6136	.6432	-2.451
15	PDS460-32205-A-7-D@4	2363.	572.1	28680.	51.79	534.0	1848.
16	460-32205-B-1-F@4	513.1	109.1	4883.	1.254	74.46	24.50
17	460-32205-B-2-F@4	717.9	38.85	5849.	.8214	25.67	.5240
18	460-32205-B-3-F@4	1403.	84.87	9992.	1.107	44.36	.0738
19	460-32205-B-4-F@4	36.93	19.86	265.8	.5562	16.20	-2.918
20	460-32205-B-5-F@4	26.13	4.118	222.9	.4655	4.691	-4.184
21	460-32205-B-6-F@4	55.63	14.01	380.7	.3725	13.54	-.7369
22	460-32205-B-9-F@4	1993.	87.13	10540.	.5010	45.56	.8907
23	460-32220-A-4-H@4	141.7	7.962	1291.	1.164	63.11	1.066

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
24	460-32220-A-5-D@4	1463.	25.23	1120.	.3571	150.3	-1.473
25	CCV 1129170	4868.	2426.	48620.	1235.	9607.	4873.
26	CCB	.0469	.3231	8.254	1.010	1.320	-1.270
27	460-32220-A-6-D@4	1797.	27.88	1162.	.4880	135.7	-2.727
28	460-32077-D-1-B@4	82.54	7.590	474.0	.5569	5.970	-3.938
29	460-32077-D-2-B@4	37.58	7.990	397.9	.5325	4.721	-3.095
30	460-32241-A-1-F@4	2282.	81.94	5718.	.8731	64.16	-.9831
31	460-32244-A-1-D@4	2526.	84.25	5846.	1.038	68.70	-1.314
32	460-31431-A-11-B@4	65.86	19.49	3450.	.9265	44.90	.9228
33	460-32192-A-1-E@4	4231.	94.56	11800.	1.138	471.6	1.536
34	460-32192-A-2-E@4	1877.	72.57	9480.	1.092	55.39	-2.240
35	CCV 1129170	4910.	2454.	49250.	1241.	9793.	4945.
36	CCB	.2828	-.6298	8.799	.2407	1.101	-1.573
37	MB 460-89204/1-A	-.1087	-.5143	15.92	.3920	1.808	-2.329
38	LCS 460-89204/2-A	552.3	537.7	20590.	53.67	534.9	2048.
39	460-31913-B-13-B DU	.2615	-.6313	41.54	.4024	3.633	-1.558
40	460-31913-B-13-A	.2934	-.4960	48.21	.5353	3.744	-2.901
41	SD 460-31913-B-13-A	-.1645	-.7774	-30.13	.4622	.2040	L-5.117
42	460-31913-B-13-C MS	535.3	519.1	20190.	52.73	522.6	1999.
43	PDS 460-31913-B-13-A	522.2	506.9	19650.	52.67	509.9	1935.
44	460-31857-D-26-A	-.2107	-1.240	-11.11	.4031	.8276	-3.545
45	460-31963-D-18-A	.0232	-.9251	-58.93	.4344	2.338	-3.138
46	460-32045-D-14-A	428.0	.9161	8024.	.6684	1.995	-.4293
47	CCV 1129170	4855.	2419.	48650.	1226.	9685.	4874.
48	CCB	.0737	-.3668	-13.48	.6706	1.674	-3.291
49	CCV 1200071	5166.	2553.	48730.	1255.	10280.	5134.
50	CCB	.0569	.1083	44.58	.8271	1.377	-3.414
51	mb 460-89370/1-a	-.2310	-.0398	66.89	.2582	.0649	-2.020
52	lcs 460-89370/2-a	1117.	1112.	20750.	510.8	5460.	1028.
53	460-32194-a-1-c du@2	16.60	4.718	371.1	.5532	1.044	-2.359
54	460-32194-a-1-b@20	16.26	4.437	342.2	.8388	1.184	-4.238
55	SD 460-32194-a-1-b@1	3.228	.6874	101.1	.8066	.3839	-3.398
56	460-32194-a-1-d ms@2	71.40	60.60	1310.	25.62	273.6	49.69
57	PDS 460-32194-a-1-b@	1021.	1008.	19380.	468.1	4967.	985.6
58	lb 460-89326/1-b	-.2679	-.9221	37.25	.4687	2.301	-.7632
59	CCV 1200071	5212.	2588.	49240.	1266.	10410.	5200.
60	CCB	-.1694	-.2713	47.07	.8872	.4858	-.7975
61	mb 460-89155/1-a@2	-.3418	-.7315	46.70	.8303	-1.394	-3.138
62	mb 460-89130/1-a@2	-.3078	-.1083	59.95	.7368	-.3139	-2.329

63	mb 460-88744/1-a@2	- .3106	- .7003	22.82	.9945	-1.053	-1.211
64	CCV 1200071	5154.	2565.	48730.	1254.	10300.	5132.
65	CCB	.2354	-.1889	46.64	.8411	.2849	-2.975

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1129170	123800.	5018.	2501.	2502.	998.9	2500.
2	ICB	23.88	2.658	.6358	.4822	2.360	1.572
3	ICSA 1132260	-318.2	-11.13	3.461	6.737	-2.122	-1.481
4	ICSAB 1132262	9945.	90.81	105.5	107.2	103.9	102.5
5	INT-20	-36.78	-5.583	19280.	-1.345	13.22	10090.
6	REPLIM	4833.	7.799	50.27	33.45	47.86	23.02
7	MB 460-89157/1-A@2	392.6	-5.427	.0541	-.0782	.8591	2.039
8	LCSSRM 460-89157/2-A	4292.	620.6	561.4	3181.	678.4	257.6

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
9	460-32205-A-7-E DU@4	305.5	-3.007	151.8	351.7	47.17	3.664
10	460-32205-A-7-D@4	201.2	-5.157	148.2	1458.	45.94	3.544
11	SD 460-32205-A-7-D@2	8.905	-3.064	30.92	567.6	10.03	.5490
12	460-32205-A-7-F MS@4	9421.	947.9	419.6	788.6	292.1	231.6
13	CCV 1129170	125300.	5066.	2544.	2509.	1007.	2521.
14	CCB	43.83	.7004	.1941	-.5211	1.452	.5255
15	PDS460-32205-A-7-D@4	18300.	1889.	623.4	2136.	518.2	476.3
16	460-32205-B-1-F@4	1569.	6.025	271.5	435.8	253.2	41.72
17	460-32205-B-2-F@4	518.2	-5.046	83.83	408.0	38.69	2.454
18	460-32205-B-3-F@4	158.4	-3.188	141.8	525.7	39.35	7.221
19	460-32205-B-4-F@4	189.7	-4.065	100.0	379.6	1.882	3.420
20	460-32205-B-5-F@4	318.4	-2.498	9.440	297.2	2.770	2.090
21	460-32205-B-6-F@4	205.8	-1.251	103.8	396.8	3.510	1.821
22	460-32205-B-9-F@4	411.8	-3.947	152.0	335.6	45.13	5.403
23	460-32220-A-4-H@4	232.1	-1.703	31.95	138.7	2.684	.6359
24	460-32220-A-5-D@4	64.02	-2.699	72.62	294.0	5.151	1.927
25	CCV 1129170	123000.	4864.	2449.	2390.	966.4	2425.
26	CCB	16.63	-.6808	.5223	.4331	1.058	.4563
27	460-32220-A-6-D@4	26.00	-2.403	82.98	295.2	4.357	2.214
28	460-32077-D-1-B@4	72.06	-.5574	13.64	1101.	4.785	.5231
29	460-32077-D-2-B@4	236.7	-1.640	12.18	18.53	3.499	.2451
30	460-32241-A-1-F@4	628.2	-3.695	89.61	328.6	25.56	1.382
31	460-32244-A-1-D@4	641.3	-4.426	96.24	343.6	20.24	.6548
32	460-31431-A-11-B@4	1053.	-1.976	113.1	267.9	32.40	1.751
33	460-32192-A-1-E@4	-8.073	-6.993	264.0	527.9	5.768	2.675
34	460-32192-A-2-E@4	3107.	-.2760	259.8	325.8	2.198	-.8308
35	CCV 1129170	123700.	4944.	2466.	2425.	983.7	2464.
36	CCB	-35.41	.9037	.1478	-.1969	1.150	1.654
37	MB 460-89204/1-A	109.2	-4.606	.2000	13.89	.9344	.2182
38	LCS 460-89204/2-A	20370.	2124.	531.8	533.4	519.4	531.3
39	460-31913-B-13-B DU	335.2	-1.578	-.0089	1.624	67.89	2.439
40	460-31913-B-13-A	313.0	-5.530	.0897	1.794	68.10	.4148
41	SD 460-31913-B-13-A	91.36	-.2459	.2378	3.103	14.49	1.131
42	460-31913-B-13-C MS	19860.	2070.	515.4	515.3	570.4	516.0
43	PDS 460-31913-B-13-A	19350.	2022.	502.1	506.1	557.4	503.0
44	460-31857-D-26-A	184.6	-2.777	.0326	-.3515	84.32	.3696
45	460-31963-D-18-A	326.1	-.8585	.4349	-.8906	60.46	.1499
46	460-32045-D-14-A	21080.	-2.436	1.126	10.86	107.2	2.542
47	CCV 1129170	122600.	4886.	2434.	2394.	968.6	2434.
48	CCB	-26.29	.4448	-.0281	7.136	1.404	.4158
49	CCV 1200071	122500.	5141.	2527.	2573.	1022.	2550.
50	CCB	28.68	1.572	.2055	.2046	1.465	.6923
51	mb 460-89370/1-a	-31.77	-.8757	.0990	-.5231	.5279	-.0565
52	lcs 460-89370/2-a	20360.	1086.	538.8	1104.	1036.	1090.
53	460-32194-a-1-c du@2	4165.	2.995	.4210	21.55	36.53	7.065
54	460-32194-a-1-b@20	4033.	-.3912	.3489	20.87	35.64	5.950
55	SD 460-32194-a-1-b@1	845.0	-.1424	.3798	3.842	8.765	2.153
56	460-32194-a-1-d ms@2	5272.	53.48	26.61	75.21	88.63	59.70
57	PDS 460-32194-a-1-b@	23090.	994.4	485.5	1012.	998.7	984.0
58	lb 460-89326/1-b	371.9	-5.263	.0488	-.2978	1.531	1.677
59	CCV 1200071	124000.	5196.	2553.	2587.	1039.	2570.
60	CCB	31.35	.5757	.3277	-.2759	1.702	1.287
61	mb 460-89155/1-a@2	-103.9	.9014	-.0218	-1.109	.3121	.1955
62	mb 460-89130/1-a@2	86.64	.7028	.2006	-.8616	.7576	-.2395

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
63	mb 460-88744/1-a@2	-40.37	.0380	-.0285	-.2274	.7521	-.1716
64	CCV 1200071	123100.	5141.	2528.	2554.	1032.	2538.
65	CCB	-53.57	1.623	.3208	-.1088	1.651	.7695

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 1129170	1005.	10030.	1085.08
2	ICB	-1.193	1.224	1123.19
3	ICSA 1132260	.9375	-1.855	1017.69
4	ICSAB 1132262	100.2	103.0	1032.28
5	INT-20	.4277	19030.	1091.86
6	REPLIM	47.21	20.47	1158.5
7	MB 460-89157/1-A@2	-2.914	-.8746	1082.23
8	LCSSRM 460-89157/2-A	535.6	1829.	1161.94
9	460-32205-A-7-E DU@4	1.911	1364.	1164.16
10	460-32205-A-7-D@4	1.524	1355.	1184.68
11	SD 460-32205-A-7-D@2	-1.324	281.5	1148.06
12	460-32205-A-7-F MS@4	229.2	1904.	1133.64
13	CCV 1129170	1022.	10180.	1069.07
14	CCB	-.7794	.1365	1120.34
15	PDS460-32205-A-7-D@4	480.3	1865.	1160.29
16	460-32205-B-1-F@4	7.478	3018.	1193.36
17	460-32205-B-2-F@4	-.1678	626.5	1126.22
18	460-32205-B-3-F@4	1.556	1326.	1180.06
19	460-32205-B-4-F@4	.7747	159.5	1170.26
20	460-32205-B-5-F@4	2.045	98.67	1112.66
21	460-32205-B-6-F@4	.6274	183.4	1097.71
22	460-32205-B-9-F@4	3.454	1435.	1119.41
23	460-32220-A-4-H@4	3.223	163.5	1118.57
24	460-32220-A-5-D@4	1.779	666.6	1304.44
25	CCV 1129170	997.9	9844.	1093.85
26	CCB	-1.441	.1985	1120.45
27	460-32220-A-6-D@4	.8285	714.4	1313.28
28	460-32077-D-1-B@4	.0510	273.7	1106.36
29	460-32077-D-2-B@4	1.256	265.6	1138.9
30	460-32241-A-1-F@4	.2676	1367.	1175.5
31	460-32244-A-1-D@4	2.540	1380.	1176.73
32	460-31431-A-11-B@4	.4110	365.3	1094.91
33	460-32192-A-1-E@4	13.67	4882.	1121.37
34	460-32192-A-2-E@4	4.704	4314.	1212.65
35	CCV 1129170	997.7	9912.	1081.44
36	CCB	-1.416	.5557	1112.89
37	MB 460-89204/1-A	.1042	-.5313	1100.12
38	LCS 460-89204/2-A	532.7	542.2	1056.97
39	460-31913-B-13-B DU	-.1471	-.4476	1097.85
40	460-31913-B-13-A	-2.008	-.4030	1100.15
41	SD 460-31913-B-13-A	-1.316	-.5300	1152.87
42	460-31913-B-13-C MS	514.3	527.1	1099.81
43	PDS 460-31913-B-13-A	501.5	513.0	1109.39
44	460-31857-D-26-A	-.0550	-.8244	1104.96
45	460-31963-D-18-A	1.414	-.7414	1164.3
46	460-32045-D-14-A	.4759	3.172	1113.48
47	CCV 1129170	981.5	9792.	1093.06

#	Sample Name	Sn1899	Ti3349	*Y
48	CCB	-.2381	.2428	1131.03
49	CCV 1200071	981.7	9943.	1052.52
50	CCB	.2255	.3215	1099.9
51	mb 460-89370/1-a	-2.308	-.4312	1063.92
52	lcs 460-89370/2-a	954.9	1057.	1071.25
53	460-32194-a-1-c du@2	.1908	.3277	1147.55
54	460-32194-a-1-b@20	1.061	.3482	1168.78
55	SD 460-32194-a-1-b@1	.1832	-.3427	1094.38
56	460-32194-a-1-d ms@2	47.89	52.21	1143.94
57	PDS 460-32194-a-1-b@	933.3	969.3	1140.1
58	lb 460-89326/1-b	-1.593	-.6663	1071.25

59 CCV 1200071	989.6	10030.	1046.61
60 CCB	-2.632	-.1776	1082.76
61 mb 460-89155/1-a@2	-.1342	-.4074	1093.88
62 mb 460-89130/1-a@2	-1.601	-.4727	1092.98
63 mb 460-88744/1-a@2	-3.797	-.4215	1104.29
64 CCV 1200071	983.6	9947.	1058.57
65 CCB	-1.661	.6459	1087.91

Method: SW846 Standard: T2CAL-BLK
Run Time: 10/13/11 03:54:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	.4625	.0179	-.1225	.0000	-.0860	-.0294	.1512
SDev	.0028	.0025	.0453	.0000	.0017	.0131	.0016
%RSD	.6105	13.95	36.97	.0000	2.014	44.44	1.060

#1	.4605	.0197	-.0905	.0000	-.0872	-.0202	.1523
#2	.4645	.0162	-.1545	.0000	-.0848	-.0386	.1501

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Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	.0162	-.0027	.0328	-.0076	-.1301	.0031	-.0251
SDev	.0076	.0051	.0007	.0045	.0142	.0006	.0051
%RSD	47.32	188.4	2.136	58.40	10.93	20.01	20.40

#1	.0108	.0009	.0323	-.0045	-.1201	.0036	-.0215
#2	.0216	-.0063	.0332	-.0108	-.1402	.0027	-.0288

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avg	11.96	-.1507	.1323	-.0650	.0013	.0287	-.0076
SDev	.04	.0092	.0181	.0386	.0019	.0001	.0095
%RSD	.3263	6.091	13.71	59.33	141.4	.1990	124.8

#1	11.93	-.1443	.1452	-.0923	.0000	.0287	-.0009
#2	11.98	-.1572	.1195	-.0377	.0027	.0288	-.0144

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avg	.0408	-.0278	-.0193	.1965	-.0453	-.1184	.1014
SDev	.0007	.0191	.0031	.0461	.0312	.0569	.0100
%RSD	1.753	68.58	16.25	23.44	68.76	48.04	9.814

#1	.0403	-.0143	-.0215	.1640	-.0233	-.1586	.1084
#2	.0413	-.0413	-.0171	.2291	-.0674	-.0782	.0943

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1115	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.1989639	--	--	--	--	--	--

#1	1116	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 10/13/11 04:00:25

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	52.75	3.956	25.05	15.39	10.80	53.35	66.44
SDev	.07	.000	.06	.01	.01	.07	.09
%RSD	.1273	.0034	.2275	.0686	.0985	.1339	.1336

#1	52.80	3.956	25.01	15.40	10.80	53.30	66.50
#2	52.70	3.956	25.09	15.38	10.79	53.40	66.38

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	17.15	3.468	11.53	19.97	31.07	14.11	12.46
SDev	.03	.008	.02	.04	.05	.02	.02
%RSD	.2040	.2174	.1469	.1816	.1600	.1143	.1591

#1	17.17	3.474	11.54	20.00	31.10	14.12	12.45
#2	17.12	3.463	11.52	19.95	31.03	14.10	12.48

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	3.755	11.82	4.138	3.933	2.044	23.72	4.101
SDev	.001	.06	.010	.002	.013	.01	.005
%RSD	.0344	.4714	.2400	.0522	.6569	.0265	.1158
#1	3.754	11.78	4.145	3.935	2.035	23.72	4.104
#2	3.756	11.86	4.131	3.932	2.054	23.73	4.098
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	43.74	63.03	59.05	10.31	9.518		
SDev	.05	.08	.08	.05	.012		
%RSD	.1114	.1319	.1356	.4818	.1228		
#1	43.77	62.97	58.99	10.28	9.526	□□Standardization Rpt.	
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#2	43.70	63.09	59.11	10.35	9.510		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1096	--	--	--	--	--	--
SDev	.7523367	--	--	--	--	--	--
%RSD	.0686156	--	--	--	--	--	--
#1	1096	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846				Standard: T2CAL2			
Run Time: 10/13/11 04:06:35							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	259.8	19.71	123.6	73.51	52.14	253.9	317.1
SDev	2.3	.29	1.1	.74	.52	2.7	2.6
%RSD	.8887	1.481	.8981	1.007	.9917	1.071	.8207
#1	261.5	19.92	124.4	74.04	52.51	255.8	318.9
#2	258.2	19.51	122.8	72.99	51.78	252.0	315.3
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	82.51	16.82	56.90	96.16	159.3	67.34	59.92
SDev	.77	.15	.53	.89	1.5	.62	.58
%RSD	.9386	.8727	.9312	.9305	.9228	.9201	.9729
#1	83.06	16.92	57.28	96.80	160.3	67.78	60.34
#2	81.97	16.71	56.53	95.53	158.2	66.90	59.51
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	19.42	58.17	20.09	18.53	10.23	114.6	20.25
SDev	.16	.61	.19	.21	.15	1.1	.14
%RSD	.8299	1.052	.9279	1.134	1.420	.9284	.7119
#1	19.54	58.60	20.23	18.68	10.33	115.3	20.36
#2	19.31	57.73	19.96	18.38	10.13	113.8	20.15
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	210.9	304.6	285.1	52.66	47.31		
SDev	1.9	2.3	2.8	.47	.45		
%RSD	.9219	.7432	.9716	.8843	.9414		
#1	212.3	306.2	287.1	52.99	47.62		
#2	209.5	303.0	283.2	52.33	46.99		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	9.265930	--	--	--	--	--	--
%RSD	.8533421	--	--	--	--	--	--
#1	1079	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 10/13/11 04:12:44

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	524.3	40.27	250.0	144.2	103.0	493.2	614.4
SDev	.3	.16	.0	.1	.2	.7	1.5
%RSD	.0593	.4046	.0000	.0380	.2389	.1514	.2402
#1	524.6	40.39	250.0	144.3	103.2	492.7	615.5
#2	524.1	40.16	250.0	144.2	102.9	493.8	613.4
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	163.2	33.41	115.5	190.7	331.1	131.4	117.8
SDev	.3	.07	.0	.5	.2	.3	.1
%RSD	.1876	.2066	.0104	.2398	.0505	.1984	.0638
#1	163.4	33.46	115.5	191.1	331.2	131.6	117.8
#2	163.0	33.36	115.5	190.4	330.9	131.2	117.7

Standardization Rpt.

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Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avg	583.1	40.12	154.2	116.1	40.18	35.94	20.95
SDev	1.3	.07	.1	.0	.07	.04	.04
%RSD	.2159	.1698	.0661	.0187	.1665	.1052	.1757
#1	584.0	40.17	154.3	116.1	40.22	35.91	20.92
#2	582.3	40.07	154.2	116.0	40.13	35.97	20.97
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avg	227.2	40.70	418.0	604.7	567.0	109.5	97.73
SDev	.3	.19	.4	1.0	2.0	.4	.35
%RSD	.1195	.4615	.0942	.1599	.3611	.3229	.3587
#1	227.4	40.84	418.3	605.4	565.6	109.7	97.48
#2	227.0	40.57	417.7	604.0	568.5	109.2	97.98
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1055	--	--	--	--	--	--
SDev	1.861075	--	--	--	--	--	--
%RSD	.1764875	--	--	--	--	--	--
#1	1053	--	--	--	--	--	--
#2	1056	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	479.490	-.222.088	10/13/11 04:12:44
Sb2068	206.838	Multiple	Standards	51.6972	-.912591	10/13/11 04:12:44
As1890	189.042	Multiple	Standards	40.0552	4.84698	10/13/11 04:12:44
Ba4934	493.409	Multiple	Standards	134.805	-.645160	10/13/11 04:12:44
Be3130	313.042	Multiple	Standards	18.9554	1.57525	10/13/11 04:12:44
Cd2265	226.502	Multiple	Standards	9.80117	.097353	10/13/11 04:12:44
Ca3179	317.933	Multiple	Standards	392.509	-.68.3145	10/13/11 04:12:44
Cr2677	267.716	Multiple	Standards	60.0828	-1.22110	10/13/11 04:12:44
Co2286	228.616	Multiple	Standards	148.709	.299688	10/13/11 04:12:44
Cu3247	324.754	Multiple	Standards	217.908	-7.16633	10/13/11 04:12:44
Fe2714	271.441	Multiple	Standards	1032.05	2.97567	10/13/11 04:12:44
Mg3832	383.231	Multiple	Standards	779.561	107.645	10/13/11 04:12:44
Mn2576	257.610	Multiple	Standards	73.7342	-.577600	10/13/11 04:12:44
Ni2316	231.604	Multiple	Standards	41.3875	.895404	10/13/11 04:12:44
K_7664	766.491	T2CAL3	T2CAL-BLK	1.11344	-.099333	10/13/11 04:12:44
Ag3280	328.068	Multiple	Standards	63.2526	9.56204	10/13/11 04:12:44
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.10504	.042331	10/13/11 04:12:44
Tl1908	190.864	Multiple	Standards	85.6228	5.44036	10/13/11 04:12:44
V_2924	292.402	Multiple	Standards	122.913	-.248232	10/13/11 04:12:44
Zn2062	206.200	Multiple	Standards	133.826	-4.04492	10/13/11 04:12:44
B_2496	249.678	Multiple	Standards	97.3528	.756438	10/13/11 04:12:44

Mo2020 202.030 Multiple Standards 21.6559 -.992103 10/13/11 04:12:44
 Sn1899 189.989 Multiple Standards 49.3418 1.35594 10/13/11 04:12:44
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Element	Wavelength	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	46.9794	.429817	10/13/11 04:12:44
2203/1	220.351	Multiple	Standards	32.7486	-6.84386	10/13/11 04:12:44
2203/2	220.352	Multiple	Standards	34.5960	1.12942	10/13/11 04:12:44
1960/1	196.021	Multiple	Standards	93.9469	11.3146	10/13/11 04:12:44
1960/2	196.022	Multiple	Standards	104.202	-10.4383	10/13/11 04:12:44

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-.305923	.305923
		T2CAL1	25000.0	25072.0	-71.9551
		T2CAL2	125000.	124363.	636.531
		T2CAL3	250000.	251197.	-1196.61

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.014990	-.014990
		T2CAL1	200.000	203.622	-3.62212
		T2CAL2	1000.00	1018.20	-18.2034
		T2CAL3	2000.00	2081.06	-81.0620

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.060594	.060594
		T2CAL1	1000.00	1008.13	-8.13397
		T2CAL2	5000.00	4956.44	43.5586
		T2CAL3	10000.0	10017.5	-17.4785

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.645160	.645160
		T2CAL1	2000.00	2073.70	-73.7039
		T2CAL2	10000.0	9909.13	90.8682
		T2CAL3	20000.0	19444.7	555.301

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.054960	.054960
		T2CAL1	200.000	206.217	-6.21684
		T2CAL2	1000.00	989.951	10.0489
		T2CAL3	2000.00	1954.87	45.1266

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.190782	.190782
		T2CAL1	500.000	522.986	-22.9856
		T2CAL2	2500.00	2488.61	11.3884
		T2CAL3	5000.00	4834.35	165.648

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-8.97273	8.97273
		T2CAL1	25000.0	26010.4	-1010.44
		T2CAL2	125000.	124394.	606.305
		T2CAL3	250000.	241108.	8891.83

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CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.250270	.250270
		T2CAL1	1000.00	1029.03	-29.0272
		T2CAL2	5000.00	4956.37	43.6255
		T2CAL3	10000.0	9803.73	196.271

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.101353	.101353

		T2CAL1	500.000	516.091	-16.0914
		T2CAL2	2500.00	2500.95	-.948975
		T2CAL3	5000.00	4968.17	31.8315
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
Cu3247	324.754	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	-.029755	.029755
		T2CAL2	2500.00	2505.69	-5.68823
		T2CAL3	12500.0	12392.8	107.192
			25000.0	25157.5	-157.504
CorCoef: 0.99997					
Element	Wavelength	Standard	Known	Measured	Residual
Fe2714	271.441	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	-4.89997	4.89997
		T2CAL2	20000.0	20618.0	-617.994
		T2CAL3	100000.	99247.2	752.820
			200000.	196860.	3140.03
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
Mg3832	383.231	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	6.21132	-6.21132
		T2CAL2	25000.0	24325.9	674.063
		T2CAL3	125000.	124276.	723.758
			250000.	258188.	-8188.13
CorCoef: 0.99981					
Element	Wavelength	Standard	Known	Measured	Residual
Mn2576	257.610	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	-.346092	.346092
		T2CAL2	1000.00	1039.68	-39.6826
		T2CAL3	5000.00	4964.75	35.2529
			10000.0	9685.68	314.318
CorCoef: 0.99991					
Element	Wavelength	Standard	Known	Measured	Residual
Ni2316	231.604	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	-.144589	.144589
		T2CAL2	500.000	516.629	-16.6286
		T2CAL3	2500.00	2481.03	18.9705
			5000.00	4875.48	124.523
CorCoef: 0.99995					
Element	Wavelength	Standard	Known	Measured	Residual
K_7664	766.491	T2CAL-BLK	Signal	Signal	Signal
		T2CAL3	13.2139	11.9568	1.25711
			649.204	583.148	66.0558

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Element	Wavelength	Standard	Known	Measured	Residual
Ag3280	328.068	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	.026860	-.026860
		T2CAL2	250.000	247.065	2.93480
		T2CAL3	1250.00	1238.12	11.8846
			2500.00	2547.33	-47.3274
CorCoef: 0.99989					
Element	Wavelength	Standard	Known	Measured	Residual
Pb2203	220.353	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Se1960	196.026	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Na3302	330.232	T2CAL-BLK	Signal	Signal	Signal
		T2CAL3	.188557	.132327	.056230
			170.478	154.235	16.2428
Element	Wavelength	Standard	Known	Measured	Residual
Tl1908	190.864	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	-.126192	.126192
		T2CAL2	1000.00	1017.69	-17.6907
		T2CAL3	5000.00	4985.80	14.1953
			10000.0	9942.04	57.9619
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.082573	.082573
		T2CAL1	500.000	508.409	-8.40854
		T2CAL2	2500.00	2469.51	30.4939
		T2CAL3	5000.00	4937.92	62.0825

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.202489	.202489
		T2CAL1	500.000	522.311	-22.3112
		T2CAL2	2500.00	2475.79	24.2073
		T2CAL3	5000.00	4805.71	194.286

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	.013038	-.013038
		T2CAL1	200.000	199.776	.223557
		T2CAL2	1000.00	996.768	3.23181
		T2CAL3	2000.00	2039.84	-39.8389

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.107983	.107983
		T2CAL1	500.000	512.739	-12.7390
		T2CAL2	2500.00	2480.61	19.3892
		T2CAL3	5000.00	4919.76	80.2412

CorCoef: 0.99999

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.017435	.017435
		T2CAL1	200.000	203.704	-3.70428
		T2CAL2	1000.00	1000.68	-.681091
		T2CAL3	2000.00	2009.71	-9.71484

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.476315	.476315
		T2CAL1	2000.00	2055.21	-55.2117
		T2CAL2	10000.0	9909.10	90.9023
		T2CAL3	20000.0	19636.9	363.082

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.407300	.407300
		T2CAL1	2000.00	2057.32	-57.3196
		T2CAL2	10000.0	9968.36	31.6416
		T2CAL3	20000.0	19796.8	203.166

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.439245	.439245
		T2CAL1	2000.00	2043.99	-43.9926
		T2CAL2	10000.0	9865.89	134.114
		T2CAL3	20000.0	19617.9	382.100

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	.193125	-.193125
		T2CAL1	1000.00	979.955	20.0446
		T2CAL2	5000.00	4958.67	41.3267
		T2CAL3	10000.0	10296.5	-296.471

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.125665	-.125665
		T2CAL1	1000.00	981.350	18.6503
		T2CAL2	5000.00	4919.14	80.8579
		T2CAL3	10000.0	10173.1	-173.141

CorCoef: 0.99985

Method: SW846 Sample Name: ICV 1129170 Operator:
Run Time: 10/13/11 04:18:54

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125500.	1002.	4993.	9984.	998.4	2505.	125600.
SDev	253.	.	10.	23.	3.0	3.	321.
%RSD	.2019	.0224	.2006	.2281	.2972	.1310	.2554
#1	125400.	1002.	4986.	9968.	996.3	2502.	125400.
#2	125700.	1001.	5000.	10000.	1001.	2507.	125800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5006.	2501.	12500.	99970.	125300.	4996.	2510.
SDev	13.	4.	21.	343.	274.	12.	5.
%RSD	.2576	.1599	.1667	.3436	.2183	.2462	.1846
#1	4996.	2498.	12490.	99730.	125100.	4987.	2507.
#2	5015.	2503.	12510.	100200.	125500.	5004.	2513.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5272.	2636.	13180.	105400.	131800.	5272.	2636.
Low	4728.	2364.	11820.	94560.	118200.	4728.	2364.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48790.	1252.	10010.	5010.	123800.	5018.	2501.
SDev	230.	4.	13.	5.	256.	11.	7.
%RSD	.4718	.3468	.1261	.1065	.2069	.2220	.2754
#1	48630.	1249.	10020.	5013.	123600.	5010.	2496.
#2	48960.	1255.	9997.	5006.	124000.	5026.	2505.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2502.	998.9	2500.	1005.	10030.	9989.	10010.
SDev	3.	.1	12.	3.	26.	32.	35.
%RSD	.1255	.0055	.4932	.2957	.2550	.3176	.3471
#1	2499.	998.9	2491.	1007.	10010.	9966.	10040.
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#2	2504.	999.0	2509.	1003.	10050.	10010.	9990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5003.	5013.					
SDev	25.	21.					
%RSD	.5029	.4101					
#1	4985.	5028.					
#2	5021.	4998.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1085	--	--	--	--	--	--

SDev	3.286683	--	--	--	--	--	--	
%RSD	.3028966	--	--	--	--	--	--	
#1	1087	--	--	--	--	--	--	
#2	1083	--	--	--	--	--	--	

Method: SW846		Sample Name: ICB			Operator:			
Run Time: 10/13/11		04:25:03						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	☐☐Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	23.56	2.134	1.495	.9745	.0653	.2862	24.29	
SDev	5.40	.251	1.509	.9314	.0737	.2048	8.77	
%RSD	22.90	11.77	100.9	95.58	112.8	71.57	36.12	
#1	27.38	2.312	.4281	1.633	.1174	.4310	30.49	
#2	19.75	1.957	2.562	.3159	.0132	.1413	18.08	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.2057	.3631	2.048	12.11	33.72	.6033	-.2652	
SDev	1.1333	.2788	.948	23.35	14.33	.3695	.3372	
%RSD	551.0	76.80	46.28	192.8	42.50	61.26	127.2	
#1	.5957	.5602	2.719	28.62	43.85	.8646	-.5036	
#2	-1.007	.1659	1.378	-4.402	23.58	.3420	-.0267	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00	
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	7.039	1.002	1.983	-.3869	23.88	2.658	.6358	
SDev	6.209	.649	1.162	.5725	100.4	1.128	.1569	
%RSD	88.21	64.74	58.57	148.0	420.6	42.44	24.68	
#1	11.43	1.461	1.162	-.7917	94.90	1.860	.7468	
#2	2.649	.5435	2.805	.0180	-47.15	3.455	.5249	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.4822	2.360	1.572	-1.193	1.224	1.631	2.155	
SDev	.5002	.309	.705	.003	.886	1.222	2.352	
%RSD	103.7	13.10	44.88	.2152	72.38	74.93	109.1	
#1	.8359	2.142	2.070	-1.191	1.850	2.496	.4922	
#2	.1285	2.579	1.073	-1.195	.5975	.7671	3.818	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	30.00	50.00	20.00	50.00	20.00			
Low	-30.00	-50.00	-20.00	-50.00	-20.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	-2.486	.6516						
SDev	1.048	.3352						
%RSD	42.15	51.45						
#1	-3.227	.4145	☐☐Analysis Report				10/13/11 04:31:08	
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#2	-1.745	.8886					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1123	--	--	--	--	--	--
SDev	1.504673	--	--	--	--	--	--
%RSD	.1339641	--	--	--	--	--	--
#1	1124	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 1132260 Operator:
Run Time: 10/13/11 04:31:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	487600.	-.9654	1.451	2.733	-.0949	-.4664	467900.
SDev	752.	1.8812	9.986	.088	.0261	.0408	1350.
%RSD	.1543	194.9	688.2	3.216	27.52	8.751	.2885
#1	487000.	.3649	-5.610	2.795	-.0764	-.4376	468800.
#2	488100.	-2.296	8.513	2.670	-.1134	-.4953	466900.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	20.00	10.00	100.0	5.000	8.000	600000.
Low	400000.	-20.00	-10.00	-100.0	-5.000	-8.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-2.724	1.618	2.897	200600.	530700.	-6.424	.5089	
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SDev	.358	.209	.286	494.	848.	.060	.3156
%RSD	13.14	12.93	9.858	.2463	.1598	.9382	62.02
#1	-2.977	1.470	3.099	201000.	530100.	-6.382	.2857
#2	-2.471	1.766	2.695	200300.	531300.	-6.467	.7321

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	240000.	600000.	20.00	20.00
Low	-20.00	-20.00	-50.00	160000.	400000.	-20.00	-20.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.98	.7362	.3036	-2.111	-318.2	-11.13	3.461
SDev	1.22	.0726	1.591	2.297	221.2	4.73	.028
%RSD	3.924	9.862	524.2	108.8	69.54	42.52	.8170
#1	31.84	.6849	-.8216	-3.735	-161.7	-7.783	3.441
#2	30.12	.7876	1.429	-.4868	-474.6	-14.48	3.481

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Low	-2000.	-10.00	-10.00	-10.00	-2000.	-20.00	-20.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.737	-2.122	-1.481	.9375	-1.855	10.80	-4.941
SDev	.391	.265	.805	1.237	.167	2.47	3.618
%RSD	5.799	12.51	54.34	131.9	9.015	22.87	73.24
#1	6.460	-2.310	-2.050	1.812	-1.736	12.54	-7.499
#2	7.013	-1.934	-.9118	.0630	-1.973	9.053	-2.382

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	30.00	30.00	50.00	30.00		
Low	-30.00	-30.00	-30.00	-50.00	-30.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-15.50	4.561
SDev	4.81	5.847
%RSD	31.06	128.2

#1	-12.09	.4270
#2	-18.90	8.696

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1018	--	--	--	--	--	--
SDev	1.742304	--	--	--	--	--	--
%RSD	.1712021	--	--	--	--	--	--

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#1	1019	--	--	--	--	--	--
#2	1016	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 1132262 Operator:
Run Time: 10/13/11 04:37:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480400.	111.7	110.5	109.6	105.1	101.8	462700.
SDev	3339.	11.6	8.7	1.6	.9	1.6	4910.
%RSD	.6950	10.37	7.862	1.424	.8693	1.580	1.061

#1	482800.	119.8	116.7	110.7	105.8	102.9	466100.
#2	478000.	103.5	104.4	108.5	104.5	100.6	459200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.72	102.8	112.7	198600.	522600.	98.42	99.70
SDev	2.31	2.7	.7	1936.	3539.	.99	1.43
%RSD	2.337	2.588	.6227	.9748	.6772	1.006	1.430

#1	100.4	104.7	112.2	200000.	525100.	99.12	100.7
#2	97.09	100.9	113.2	197200.	520100.	97.72	98.69

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10020.	106.9	102.0	96.99	9945.	90.81	105.5

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□□Analysis

SDev	86.	.1	.7	3.43	20.	2.84	.7
%RSD	.8602	.1097	.7113	3.537	.2047	3.129	.6753

#1	10080.	106.8	101.4	94.56	9960.	92.82	106.0
#2	9960.	107.0	102.5	99.42	9931.	88.80	105.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	107.2	103.9	102.5	100.2	103.0	111.2	97.36
SDev	2.6	1.1	8.2	2.7	1.0	6.7	4.42
%RSD	2.394	1.047	7.973	2.731	.9394	6.006	4.540
#1	109.0	104.6	108.3	102.1	103.7	115.9	94.23
#2	105.4	103.1	96.72	98.27	102.3	106.4	100.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	82.94	104.0					
SDev	12.09	11.2					
%RSD	14.57	10.75					
#1	91.49	96.09					
#2	74.39	111.9					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1032	--	--	--	--	--	--
SDev	4.236944	--	--	--	--	--	--
%RSD	.4104468	--	--	--	--	--	--
#1	1029	--	--	--	--	--	--
#2	1035	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 10/13/11 04:43:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	70.65	-27.00	-3.357	10250.	.2426	-1.996	30.37
SDev	7.60	1.60	2.272	13.	.0215	.026	15.07
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%RSD	10.76	5.944	67.66	.1240	8.863	1.318	49.63
#1	65.28	-28.13	-4.963	10260.	.2578	-2.014	19.71
#2	76.03	-25.86	-1.751	10240.	.2274	-1.977	41.03
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19710.	19360.	-1.079	-.9956	40.54	18730.	10460.
SDev	36.	49.	.710	9.3954	14.09	40.	20.
%RSD	.1810	.2518	65.82	943.7	34.75	.2148	.1866
#1	19740.	19390.	-1.581	-7.639	30.58	18760.	10470.
#2	19690.	19320.	-.5768	5.648	50.50	18700.	10450.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.33	1.721	-.1744	-9.086	-36.78	-5.583	19280.
SDev	2.45	.222	.0976	.464	83.90	3.278	10.
%RSD	8.655	12.89	55.93	5.110	228.1	58.72	.0509
#1	30.07	1.877	-.2434	-8.758	-96.11	-7.901	19290.
#2	26.60	1.564	-.1054	-9.415	22.55	-3.265	19280.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.345	13.22	10090.	.4277	19030.	-.3118	-.1099

SDev	.378	.51	21.	.8831	26.	1.6448	.6749
%RSD	28.08	3.873	.2042	206.5	.1340	527.5	613.9
#1	-1.078	13.58	10110.	1.052	19050.	-1.475	.3673
#2	-1.612	12.85	10080.	-.1968	19010.	.8512	-.5872
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-23.37	-1.966					
SDev	2.67	2.030					
%RSD	11.44	103.3					
#1	-25.26	-.5300					
#2	-21.48	-3.401					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1092	--	--	--	--	--	--
SDev	.8315755	--	--	--	--	--	--
%RSD	.0761614	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1091	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM
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Comment:
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Operator:

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Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	238.0	11.24	6.753	198.5	1.963	4.054	5055.
SDev	37.0	.50	.040	17.6	.069	.165	428.
%RSD	15.56	4.421	.5969	8.885	3.514	4.073	8.468
#1	264.2	11.59	6.725	211.0	2.012	4.171	5358.
#2	211.8	10.89	6.782	186.1	1.915	3.937	4753.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.11	50.44	23.39	156.9	4733.	16.21	41.25
SDev	1.73	4.19	2.38	22.5	394.	1.61	2.99
%RSD	14.27	8.310	10.17	14.36	8.326	9.932	7.254
#1	13.34	53.40	25.07	172.8	5012.	17.34	43.36
#2	10.89	47.47	21.71	141.0	4455.	15.07	39.13
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4363.	10.59	6.674	3.475	4833.	7.799	50.27
SDev	416.	.26	.807	.759	330.	.056	4.63
%RSD	9.533	2.502	12.09	21.84	6.834	.7142	9.211
#1	4657.	10.78	6.103	2.938	5067.	7.838	53.55
#2	4069.	10.40	7.244	4.012	4600.	7.759	47.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.45	47.86	23.02	47.21	20.47	8.771	5.623
SDev	3.33	4.15	3.59	5.55	2.04	1.971	2.194
%RSD	9.951	8.666	15.60	11.76	9.990	22.47	39.02
#1	35.80	50.79	25.56	51.13	21.92	10.16	4.071
#2	31.09	44.92	20.48	43.29	19.02	7.377	7.174
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.867	2.771					
SDev	.678	.800					
%RSD	13.93	28.87					

#1	4.388	2.205
#2	5.346	3.337

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1158	--	--	--	--	--	--
SDev	80.10669	--	--	--	--	--	--
%RSD	6.914690	--	--	--	--	--	--

#1	1102	--	--	--	--	--	--	Analysis
#2	1215	--	--	--	--	--	--	
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Method: SW846 Sample Name: MB 460-89157/1-A@2 Operator:

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Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.976	1.606	.0649	-1.251	-.1364	-.3042	4.780
SDev	11.41	.846	2.182	.856	.0391	.0264	.636
%RSD	163.6	52.70	3363.	68.47	28.67	8.665	13.32

#1	15.05	2.204	-1.478	-.6452	-.1641	-.3229	5.230
#2	-1.094	1.007	1.608	-1.856	-.1088	-.2856	4.330

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8878	-.3231	-.2112	4.120	13.97	-.1336	-1.452
SDev	.0135	.3165	.4226	8.163	1.74	.0661	.203
%RSD	1.517	97.98	200.1	198.2	12.43	49.46	13.97

#1	-.8783	-.5469	.0876	9.892	12.74	-.0869	-1.309
#2	-.8973	-.0992	-.5100	-1.653	15.19	-.1804	-1.596

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.45	.2038	2.338	-4.442	392.6	-5.427	.0541
SDev	53.72	.3768	.496	.194	134.4	.291	.2556
%RSD	129.6	184.9	21.21	4.375	34.24	5.362	472.2
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#1	79.44	-.0627	2.689	-4.580	487.7	-5.222	.2348
#2	3.462	.4703	1.988	-4.305	297.6	-5.633	-.1266

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0782	.8591	2.039	-2.914	-.8746	4.700	1.155
SDev	.5096	.5143	.490	.731	.1139	.803	.342
%RSD	651.7	59.86	24.02	25.09	13.03	17.08	29.65

#1	.2821	1.223	2.386	-2.397	-.9551	5.268	1.397
#2	-.4385	.4955	1.693	-3.431	-.7940	4.132	.9131

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-12.22	-.5669
SDev	.70	.0601
%RSD	5.765	10.60

#1	-12.72	-.5244
#2	-11.73	-.6093

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1082	--	--	--	--	--	--
SDev	43.59738	--	--	--	--	--	--
%RSD	4.028484	--	--	--	--	--	--
#1	1051	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

Method: SW846 Sample Name: LCSSRM 460-89157/2-A Operator:
Run Time: 10/13/11 05:01:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34420.	907.5	522.6	945.3	381.4	303.8	48390.
SDev	81.	3.9	3.9	3.2	1.4	.4	161.
%RSD	.2340	.4306	.7422	.3354	.3547	.1245	.3320

#1	34480.	910.3	525.3	947.5	382.3	304.1	48510.
#2	34370.	904.8	519.9	943.1	380.4	303.6	48280.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	81000.	1190.	680.0	1250.	488.5	385.5	61500.
Low	24200.	108.0	362.5	725.0	287.0	222.5	37200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1171.	463.2	844.6	80960.	16590.	2839.	679.0
SDev	4.	1.1	4.4	253.	49.	8.	2.1
%RSD	.3361	.2277	.5172	.3131	.2951	.2842	.3037

#1	1173.	464.0	847.7	81140.	16630.	2844.	680.4
#2	1168.	462.5	841.5	80780.	16560.	2833.	677.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1525.	575.0	1080.	142500.	26150.	3420.	850.0
Low	835.0	339.5	655.0	37850.	13900.	2160.	490.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18100.	148.5	423.1	1381.	4292.	620.6	561.4
SDev	85.	.1	.7	8.	104.	4.6	2.5
%RSD	.4669	.0472	.1772	.5979	2.414	.7488	.4532

#1	18160.	148.4	423.7	1387.	4366.	623.9	563.2
#2	18040.	148.5	422.6	1375.	4219.	617.3	559.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	28950.	203.0	560.0	1865.	7100.	805.0	760.0
Low	14050.	98.00	300.0	995.0	3070.	410.5	389.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3181.	678.4	257.6	535.6	1829.	428.5	420.5
SDev	12.	2.3	3.7	1.1	6.	.0	1.1
%RSD	.3857	.3365	1.434	.2117	.3141	.0017	.2665

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#1	3189.	680.0	260.2	534.8	1834.	428.5	421.3
#2	3172.	676.8	254.9	536.4	1825.	428.5	419.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	3765.	960.0	325.0	740.0	4220.		
Low	2185.	448.0	161.0	297.0	401.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1375.	1383.					
SDev	6.	15.					
%RSD	.4046	1.095					
#1	1371.	1394.					
#2	1379.	1373.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1162	--	--	--	--	--	--
SDev	1.979847	--	--	--	--	--	--
%RSD	.1703909	--	--	--	--	--	--
#1	1161	--	--	--	--	--	--
#2	1163	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-A-7-E DU@4 Operator:

Run Time: 10/13/11 05:08:01

Comment:

Mode: CONC Corr. Factor: 1

Analysis Report

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51890.	-.3384	45.54	103.9	3.528	-.7287	17760.
SDev	767.	.9617	.85	1.4	.074	.1557	228.
%RSD	1.477	284.2	1.868	1.318	2.109	21.36	1.282
#1	52440.	.3416	44.94	104.9	3.580	-.6187	17920.
#2	51350.	-1.018	46.14	103.0	3.475	-.8388	17600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	134.8	37.54	41.60	132600.	25940.	1907.	91.20
SDev	1.8	.57	.28	1765.	360.	24.	2.22
%RSD	1.307	1.519	.6667	1.331	1.388	1.270	2.431
#1	136.0	37.94	41.79	133800.	26190.	1925.	92.76
#2	133.5	37.13	41.40	131300.	25680.	1890.	89.63
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10730.	.9803	48.93	.3033	305.5	-3.007	151.8
SDev	113.	1.032	.41	.3485	47.3	.086	1.4
%RSD	1.052	105.3	.8419	114.9	15.49	2.852	.9315
#1	10810.	.2503	49.22	.0569	339.0	-3.067	152.8
#2	10650.	1.710	48.64	.5497	272.1	-2.946	150.8

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	100000.	2500.	20000.	10000.	250000.	10000.	5000.
	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	351.7	47.17	3.664	1.911	1364.	53.04	46.87
SDev	4.5	.45	.835	1.804	18.	2.87	.81
%RSD	1.289	.9596	22.79	94.40	1.323	5.405	1.736
#1	354.9	47.49	4.254	3.186	1377.	55.07	46.29
#2	348.5	46.85	3.074	.6353	1352.	51.02	47.45
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	5000.	2000.	5000.	2000.	20000.		
	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.145	4.512					
SDev	3.472	1.211					
%RSD	42.63	26.83					

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#1	-10.60	5.368					
#2	-5.690	3.656					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1164	--	--	--	--	--	--
SDev	9.780723	--	--	--	--	--	--
%RSD	.8401557	--	--	--	--	--	--
#1	1157	--	--	--	--	--	--
#2	1171	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-A-7-D@4 Operator:
Run Time: 10/13/11 05:14:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50300.	-.6254	46.31	101.7	3.511	-.9448	17040.
SDev	276.	.6152	.07	.6	.041	.3462	96.
%RSD	.5495	98.37	.1582	.5687	1.172	36.64	.5606
#1	50110.	-1.060	46.25	101.2	3.540	-1.190	16980.
#2	50500.	-.1904	46.36	102.1	3.482	-.7000	17110.
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	250000.	2000.	10000.	20000.	2000.	5000.	250000.
	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Report	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
			10/13/11 05:20:13 AM			page 37	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	131.9	37.49	40.75	128300.	25110.	1855.	88.86
SDev	.6	.06	.45	698.	142.	10.	1.74
%RSD	.4930	.1498	1.116	.5441	.5672	.5645	1.961
#1	131.4	37.45	41.07	127800.	25010.	1847.	87.63
#2	132.3	37.53	40.43	128800.	25220.	1862.	90.09
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10000.	5000.	25000.	200000.	250000.	10000.	5000.

□□Analysis

Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10360.	1.053	56.72	1.859	201.2	-5.157	148.2
SDev	47.	.337	1.79	.911	51.5	.086	1.0
%RSD	.4559	31.98	3.162	49.00	25.58	1.661	.6538
#1	10330.	1.291	55.46	1.215	237.6	-5.097	147.5
#2	10390.	.8146	57.99	2.503	164.8	-5.218	148.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1458.	45.94	3.544	1.524	1355.	63.62	53.28
SDev	10.	.01	.417	2.181	9.	3.12	1.13
%RSD	.6555	.0259	11.78	143.1	.6498	4.908	2.122
#1	1451.	45.94	3.249	3.066	1349.	61.41	52.48
#2	1465.	45.95	3.839	-.0180	1361.	65.82	54.08
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-5.977	5.762					
SDev	1.500	.617					
%RSD	25.09	10.70					
#1	-7.037	5.325					
#2	-4.916	6.198					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1185	--	--	--	--	--	--
Report							
				10/13/11 05:20:13 AM		page 38	
SDev	4.830976	--	--	--	--	--	--
%RSD	.4077874	--	--	--	--	--	--
#1	1188	--	--	--	--	--	--
#2	1181	--	--	--	--	--	--

□□Analysis

Method: SW846 Sample Name: SD 460-32205-A-7-D@2 Operator:
Run Time: 10/13/11 05:20:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10540.	1.163	7.883	20.38	.6140	-.2350	3568.
SDev	269.	2.514	.650	.41	.0070	.0938	101.
%RSD	2.555	216.1	8.252	1.993	1.141	39.91	2.822
#1	10350.	2.941	7.423	20.09	.6090	-.3013	3497.
#2	10730.	-.6146	8.343	20.66	.6190	-.1687	3639.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	27.19	8.136	7.641	26950.	5220.	387.6	18.46
SDev	.96	.402	.286	769.	132.	11.2	.59
%RSD	3.514	4.947	3.743	2.854	2.526	2.895	3.220
#1	26.52	8.420	7.439	26400.	5126.	379.6	18.04
#2	27.87	7.851	7.844	27490.	5313.	395.5	18.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2020.	.7410	11.72	-3.067	8.905	-3.064	30.92
SDev	81.	.1703	1.30	2.081	.003	1.171	.30
%RSD	4.033	22.98	11.08	67.83	.0292	38.23	.9553
#1	1962.	.8614	10.80	-1.596	8.907	-3.892	30.71
#2	2077.	.6206	12.64	-4.539	8.903	-2.236	31.13

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	567.6	10.03	.5490	-1.324	281.5	11.43	11.86
SDev	13.1	.12	.4274	.113	7.5	.62	2.26
%RSD	2.308	1.226	77.86	8.554	2.669	5.401	19.01
#1	558.3	9.947	.2467	-1.244	276.2	11.86	10.27
#2	576.8	10.12	.8512	-1.404	286.9	10.99	13.46
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-5.408	-1.908					
SDev	1.241	3.739					
%RSD	22.94	196.0					
#1	-6.285	.7362					
#2	-4.531	-4.552					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	22.17494	--	--	--	--	--	--
%RSD	1.931521	--	--	--	--	--	--
#1	1164	--	--	--	--	--	--
#2	1132	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-A-7-F MS@4 Operator:
Run Time: 10/13/11 05:26:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63970.	98.88	1006.	1110.	29.07	24.35	28900.
SDev	348.	1.69	9.	4.	.16	.18	191.
%RSD	.5448	1.707	.8753	.3979	.5427	.7222	.6598

#1	64210.	97.68	1012.	1113.	29.19	24.48	29030.
#2	63720.	100.1	999.6	1107.	28.96	24.23	28760.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250.1	279.2	163.8	147900.	37270.	2221.	340.0
SDev	1.5	1.6	1.8	856.	190.	13.	2.1
%RSD	.5979	.5725	1.099	.5785	.5090	.5902	.6256
#1	251.2	280.3	165.1	148500.	37400.	2230.	341.5
#2	249.1	278.1	162.5	147300.	37130.	2212.	338.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22520.	24.47	290.9	920.5	9421.	947.9	419.6
SDev	170.	.05	.6	4.5	46.	5.5	2.0
%RSD	.7565	.2158	.2122	.4920	.4853	.5796	.4654
#1	22640.	24.44	291.3	923.7	9454.	951.8	421.0
#2	22400.	24.51	290.5	917.3	9389.	944.0	418.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	788.6	292.1	231.6	229.2	1904.	295.5	288.6
SDev	4.6	1.4	.6	1.8	9.	1.8	.0
%RSD	.5814	.4896	.2378	.7811	.4675	.6160	.0058
#1	791.8	293.1	231.2	230.5	1910.	296.8	288.6
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#2	785.4	291.1	232.0	228.0	1898.	294.2	288.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	908.1	926.7					
SDev	4.3	4.6					
%RSD	.4735	.5010					
#1	911.2	930.0					
#2	905.1	923.4					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1134	--	--	--	--	--	--
SDev	2.019553	--	--	--	--	--	--
%RSD	.1781483	--	--	--	--	--	--
#1	1132	--	--	--	--	--	--
#2	1135	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1129170 Operator:
Run Time: 10/13/11 05:32:52
Comment:

Mode: CONC Corr. Factor: 1

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
				10/13/11 05:38:56 AM		page 8		
Avge	127300.	1018.	5074.	10160.	1018.	2524.	127200.	
SDev	960.	4.	34.	71.	8.	22.	1087.	
%RSD	.7546	.4373	.6627	.6991	.7753	.8817	.8543	
#1	126600.	1015.	5050.	10110.	1012.	2508.	126400.	
#2	128000.	1022.	5098.	10210.	1024.	2539.	128000.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.	
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5086.	2539.	12650.	101800.	126600.	5050.	2531.	
SDev	43.	18.	97.	841.	961.	42.	23.	
%RSD	.8437	.7166	.7659	.8257	.7588	.8269	.9108	
#1	5055.	2526.	12590.	101200.	126000.	5020.	2515.	
#2	5116.	2552.	12720.	102400.	127300.	5080.	2547.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.	
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	49760.	1267.	10050.	5049.	125300.	5066.	2544.	
SDev	252.	9.	101.	29.	666.	44.	21.	
%RSD	.5058	.6764	1.001	.5651	.5314	.8707	.8430	
#1	49580.	1261.	9981.	5029.	124800.	5034.	2528.	
#2	49940.	1273.	10120.	5069.	125800.	5097.	2559.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.	
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2509.	1007.	2521.	1022.	10180.	10060.	10050.	
SDev	20.	7.	18.	10.	81.	94.	104.	
%RSD	.7836	.7306	.7120	.9494	.7962	.9358	1.033	
#1	2495.	1002.	2508.	1015.	10120.	9994.	9975.	
#2	2522.	1013.	2533.	1029.	10240.	10130.	10120.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	2760.	1104.	2760.	1104.	11040.			
Low	2239.	896.0	2239.	896.0	8960.			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	5045.	5051.						
SDev	33.	26.						
%RSD	.6590	.5182						
#1	5022.	5032.	Analysis Report				10/13/11 05:38:56	
AM	page 9							
#2	5069.	5069.						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	

Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	6.929595	--	--	--	--	--	--
%RSD	.6481902	--	--	--	--	--	--
#1	1074	--	--	--	--	--	--
#2	1064	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/13/11 05:38:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.08	.0837	1.235	-.3442	-.1764	.1589	4.910
SDev	5.26	2.383	1.418	.4256	.0229	.1187	5.987
%RSD	27.58	2846.	114.8	123.6	13.00	74.72	121.9
#1	22.80	-1.601	.2326	-.0433	-.1602	.0749	9.144
#2	15.36	1.769	2.238	-.6452	-.1926	.2428	.6768

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2825	.1666	.3223	-4.406	19.97	.0474	-.2684

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SDev	.5694	.3768	.9670	16.960	1.92	.2330	.2879
%RSD	201.6	226.1	300.0	384.9	9.607	491.8	107.3

#1	.1202	-.0998	1.006	7.586	21.33	.2121	-.4720
#2	-.6851	.4330	-.3615	-16.40	18.61	-.1174	-.0648

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.316	.6136	.6432	-2.451	43.83	.7004	.1941
SDev	6.378	.1948	.0182	1.859	130.7	2.920	.6236
%RSD	87.18	31.74	2.828	75.84	298.2	416.9	321.3

#1	11.83	.7514	.6303	-3.766	136.2	-1.364	.6350
#2	2.806	.4759	.6560	-1.137	-48.58	2.765	-.2469

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5211	1.452	.5255	-.7794	.1365	-.2877	1.104
SDev	.7625	.248	.5611	1.3997	.5927	1.6323	.788
%RSD	146.3	17.07	106.8	179.6	434.2	567.4	71.35

#1	.0181	1.627	.9222	.2103	.5556	-1.442	1.661
#2	-1.060	1.276	.1287	-1.769	-.2826	.8665	.5469

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.235	-2.069
SDev	4.812	.385
%RSD	148.8	18.59

#1	-6.638	-2.341
#2	.1679	-1.797

Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1120	--	--	--	--	--	--
SDev	.6335649	--	--	--	--	--	--
%RSD	.0565513	--	--	--	--	--	--
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#1	1120	--	--	--	--	--	--
#2	1121	--	--	--	--	--	--

Method: SW846 Sample Name: PDS460-32205-A-7-D@4 Operator:
Run Time: 10/13/11 05:45:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53520.	476.2	1958.	2052.	51.78	47.47	36660.
SDev	84.	5.1	14.	11.	.12	.10	6.
%RSD	.1573	1.075	.7253	.5558	.2317	.2038	.0152
#1	53580.	479.8	1968.	2060.	51.87	47.40	36660.
#2	53460.	472.6	1948.	2044.	51.70	47.54	36650.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	327.5	513.6	279.0	131200.	44170.	2363.	572.1
SDev	.6	1.1	.0	40.	61.	2.	.1
%RSD	.1754	.2140	.0035	.0307	.1389	.0822	.0187
#1	327.1	514.4	279.1	131200.	44220.	2362.	572.1
#2	327.9	512.8	279.0	131200.	44130.	2365.	572.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28680.	51.79	534.0	1848.	18300.	1889.	623.4
Report				10/13/11 05:51:11 AM		page 14	□□Analysis

SDev	68.	.04	1.3	15.	46.	3.	1.4
%RSD	.2355	.0726	.2487	.7903	.2495	.1547	.2182
#1	28720.	51.76	533.1	1859.	18340.	1891.	624.3
#2	28630.	51.81	535.0	1838.	18270.	1887.	622.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2136.	518.2	476.3	480.3	1865.	537.8	532.2
SDev	5.	2.0	1.4	5.4	2.	2.8	.6
%RSD	.2180	.3802	.2847	1.124	.1124	.5206	.1116
#1	2133.	519.6	475.3	484.2	1867.	535.8	531.8
#2	2140.	516.8	477.3	476.5	1864.	539.7	532.6

Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	1830.	1858.					
SDev	11.	16.					
%RSD	.6264	.8709					
#1	1838.	1869.					
#2	1822.	1846.					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1160	--	--	--	--	--	--
SDev	.0396194	--	--	--	--	--	--
%RSD	.0034146	--	--	--	--	--	--
#1	1160	--	--	--	--	--	--
#2	1160	--	--	--	--	--	--

Method:	SW846	Sample Name: 460-32205-B-1-F@4			Operator:		
Run Time:	10/13/11 05:51:14						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	74970.	2.452	413.0	1892.	9.890	-1.090	75930.
SDev	217.	1.033	2.6	3.	.002	.204	98.
%RSD	.2897	42.11	.6371	.1333	.0183	18.72	.1288
#1	75120.	3.183	411.1	1894.	9.889	-1.235	76000.
#2	74810.	1.722	414.9	1891.	9.891	-.9461	75860.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	132.6	41.34	110.7	H267300.	7333.	513.1	109.1
SDev	.2	.53	1.2	234.	24.	.6	.1
%RSD	.1669	1.293	1.057	.0877	.3215	.1258	.1057
#1	132.8	40.96	111.5	H267400.	7350.	513.5	109.0
#2	132.5	41.72	109.9	H267100.	7317.	512.6	109.2
Errors High	LC Pass 100000.	LC Pass 5000.	LC Pass 25000.	LC High 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	4883.	1.254	74.46	24.50	1569.	6.025	271.5
SDev	2.	.076	1.09	.30	91.	1.303	.1
%RSD	.0405	6.036	1.464	1.208	5.820	21.63	.0238
#1	4881.	1.200	73.69	24.71	1633.	5.103	271.4
#2	4884.	1.307	75.23	24.29	1504.	6.946	271.5
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Report							

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Analysis

Avge	435.8	253.2	41.72	7.478	3018.	81.20	71.09
SDev	1.1	.0	.40	1.929	4.	.46	1.86
%RSD	.2433	.0155	.9521	25.79	.1394	.5656	2.622
#1	436.6	253.1	41.44	6.115	3021.	81.53	69.78
#2	435.1	253.2	42.00	8.842	3015.	80.88	72.41
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	10.70	31.38					
SDev	2.73	.92					
%RSD	25.48	2.926					
#1	12.63	30.73					
#2	8.776	32.03					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1193	--	--	--	--	--	--
SDev	.0791525	--	--	--	--	--	--
%RSD	.0066327	--	--	--	--	--	--
#1	1193	--	--	--	--	--	--
#2	1193	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32205-B-2-F@4 Operator:
 Run Time: 10/13/11 05:57:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20080.	2.629	39.15	49.81	1.789	-1.226	6159.
SDev	107.	.130	2.02	.32	.037	.086	15.
%RSD	.5338	4.936	5.151	.6451	2.093	6.999	.2511
#1	20160.	2.720	37.73	50.03	1.762	-1.287	6169.
#2	20010.	2.537	40.58	49.58	1.815	-1.165	6148.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.04	17.36	12.57	115200.	10690.	717.9	38.85
SDev	.43	.58	.52	343.	51.	1.3	.42
%RSD	.6662	3.343	4.144	.2978	.4756	.1852	1.074
#1	64.35	17.77	12.20	115500.	10730.	718.9	38.56
#2	63.74	16.95	12.94	115000.	10660.	717.0	39.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5849.	.8214	25.67	.5240	518.2	-5.046	83.83
SDev	9.	.6072	.21	1.856	20.3	.862	.19
%RSD	.1466	73.93	.8220	354.1	3.913	17.09	.2238
#1	5855.	.3920	25.52	1.836	503.9	-5.656	83.97

#2	5843.	1.251	25.81	-.7881	532.5	-4.436	83.70
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	408.0	38.69	2.454	-.1678	626.5	31.82	22.59
SDev	1.5	.35	.451	1.4265	2.1	1.10	.23
%RSD	.3798	.9172	18.40	850.3	.3313	3.455	1.030
#1	406.9	38.94	2.773	-1.176	628.0	31.04	22.75
#2	409.1	38.44	2.135	.8409	625.0	32.60	22.42
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				10/13/11 06:03:26
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Units	ppb	ppb					
Avge	-10.09	5.814					
SDev	4.10	.735					
%RSD	40.64	12.64					
#1	-7.191	6.333					
#2	-12.99	5.294					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1126	--	--	--	--	--	--
SDev	1.504760	--	--	--	--	--	--
%RSD	.1336120	--	--	--	--	--	--
#1	1125	--	--	--	--	--	--
#2	1127	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-B-3-F@4 Operator:
Run Time: 10/13/11 06:03:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48320.	.5140	66.85	101.4	3.419	-1.325	7323.
SDev	45.	.9039	4.18	.3	.007	.178	11.
%RSD	.0938	175.9	6.252	.2828	.2194	13.41	.1564
#1	48350.	-.1252	69.81	101.6	3.424	-1.451	7331.
#2	48280.	1.153	63.90	101.2	3.413	-1.200	7315.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	127.5	33.17	36.23	152900.	22690.	1403.	84.87
SDev	.4	.43	.02	163.	12.	2.	.24
%RSD	.2982	1.302	.0523	.1067	.0537	.1381	.2781
#1	127.7	32.86	36.24	153100.	22700.	1404.	84.70
#2	127.2	33.47	36.21	152800.	22680.	1401.	85.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9992.	1.107	44.36	.0738	158.4	-3.188	141.8
SDev	37.	.186	.90	1.746	36.6	1.388	.1
%RSD	.3682	16.77	2.018	2368.	23.12	43.55	.0929
#1	10020.	1.239	45.00	1.308	132.5	-2.206	141.9
#2	9966.	.9761	43.73	-1.161	184.3	-4.169	141.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	525.7	39.35	7.221	1.556	1326.	51.13	40.98
SDev	1.1	.25	.270	.533	1.	1.66	.51
%RSD	.2153	.6405	3.737	34.23	.0648	3.242	1.256
#1	524.9	39.53	7.031	1.932	1327.	52.30	41.34
#2	526.5	39.17	7.412	1.179	1326.	49.96	40.62
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-9.039	4.615					
SDev	5.174	.035					
%RSD	57.24	.7513					
#1	-5.380	4.639					
#2	-12.70	4.590					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1180	--	--	--	--	--	--
SDev	.5147931	--	--	--	--	--	--
%RSD	.0436243	--	--	--	--	--	--
#1	1180	--	--	--	--	--	--
#2	1180	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-B-4-F@4 Operator:
Run Time: 10/13/11 06:09:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5999.	1.546	32.77	16.42	.2915	.3807	674.7
SDev	253.	1.013	.26	.74	.0457	.1558	27.7
%RSD	4.224	65.52	.7891	4.534	15.68	40.91	4.104
#1	6178.	2.262	32.59	16.94	.2592	.2706	694.3
#2	5820.	.8295	32.95	15.89	.3238	.4909	655.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	12.92	5.128	23.48	9940.	779.9	36.93	19.86
SDev	.84	.611	1.18	418.	28.1	1.55	.28
%RSD	6.540	11.92	5.008	4.203	3.601	4.185	1.405
#1	13.52	5.560	24.32	10240.	799.8	38.02	19.67
#2	12.32	4.696	22.65	9645.	760.1	35.83	20.06

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	265.8	.5562	16.20	-2.918	189.7	-4.065	100.0
SDev	53.3	.4982	1.78	3.091	10.4	.401	4.0
%RSD	20.06	89.58	11.01	105.9	5.478	9.876	4.003

#1	303.5	.2039	17.46	L-5.104	182.3	-3.781	102.9
#2	228.1	.9084	14.94	-.7329	197.0	-4.348	97.21

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	379.6	1.882	3.420	.7747	159.5	17.86	15.37
SDev	13.0	.095	.492	.0797	6.8	2.74	1.31
%RSD	3.422	5.072	14.38	10.29	4.235	15.34	8.505

#1	388.7	1.950	3.072	.7183	164.3	19.80	16.29
#2	370.4	1.815	3.768	.8311	154.7	15.92	14.44

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-9.280	.2489
SDev	3.881	2.696
%RSD	41.82	1083.

#1	-12.02	-1.658
#2	-6.536	2.155

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1170	--	--	--	--	--	--
SDev	39.87514	--	--	--	--	--	--
%RSD	3.407374	--	--	--	--	--	--
#1	1142	--	--	--	--	--	--
#2	1198	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-B-5-F@4 Operator:
 Run Time: 10/13/11 06:15:43
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3873.	1.803	1.909	6.510	-.0335	-.3274	157.8
SDev	66.	2.367	.017	.959	.0627	.1587	5.7
%RSD	1.702	131.3	.8813	14.73	187.1	48.47	3.630
#1	3919.	3.476	1.897	7.188	-.0778	-.2152	161.9

#2	3826.	.1291	1.920	5.832	.0108	-.4396	153.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.28	2.511	2.231	7064.	348.7	26.13	4.118
SDev	.97	1.165	.419	150.	11.4	.38	.809
%RSD	5.286	46.39	18.80	2.125	3.262	1.462	19.63
#1	18.96	3.334	1.935	7170.	356.8	26.40	4.690
#2	17.60	1.687	2.528	6958.	340.7	25.86	3.546
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	222.9	.4655	4.691	-4.184	318.4	-2.498	9.440
SDev	28.5	.2104	.501	2.573	96.9	1.736	.061
%RSD	12.77	45.21	10.69	61.49	30.43	69.52	.6440
#1	243.1	.3167	4.336	L-6.003	386.9	-1.270	9.483
#2	202.8	.6143	5.045	-2.364	249.9	-3.725	9.397
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	297.2	2.770	2.090	2.045	98.67	7.155	3.456
SDev	3.1	.099	.291	2.487	1.91	.277	.890
%RSD	1.050	3.558	13.94	121.6	1.939	3.866	25.74
#1	299.4	2.701	2.296	3.804	100.0	7.351	2.827
#2	295.0	2.840	1.884	.2869	97.32	6.960	4.085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-11.67	-.4578					
SDev	5.52	1.0997					
%RSD	47.35	240.2					
#1	-15.57	-1.235					
#2	-7.760	.3199					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	15.91836	--	--	--	--	--	--
%RSD	1.430653	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1124	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-B-6-F@4 Operator:
Run Time: 10/13/11 06:21:52
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5187.	2.963	38.43	12.86	.3259	-.0791	629.8
SDev	41.	.333	1.22	.00	.0312	.1281	7.6
%RSD	.7991	11.25	3.184	.0379	9.565	161.9	1.204
#1	5216.	3.199	39.30	12.87	.3480	.0115	635.2
#2	5158.	2.727	37.57	12.86	.3039	-.1697	624.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.44	6.289	27.57	24460.	642.8	55.63	14.01
SDev	.97	.574	.57	207.	7.7	.40	.48
%RSD	5.924	9.133	2.082	.8459	1.202	.7192	3.457
#1	17.13	6.695	27.98	24600.	648.2	55.92	14.36
#2	15.75	5.883	27.17	24310.	637.3	55.35	13.67
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	380.7	.3725	13.54	-.7369	205.8	-1.251	103.8
SDev	.7	.3642	.73	.1391	99.0	2.086	.9
%RSD	.1723	97.79	5.380	18.87	48.09	166.7	.8833
#1	381.1	.6300	13.03	-.8353	275.8	-2.726	104.4
#2	380.2	.1149	14.06	-.6386	135.8	.2234	103.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	396.8	3.510	1.821	.6274	183.4	19.36	10.64
SDev	.3	.376	2.092	4.989	1.3	.14	1.02
%RSD	.0800	10.71	114.8	795.2	.7124	.7483	9.592
#1	397.0	3.245	3.300	4.156	184.3	19.26	9.915
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#2	396.6	3.776	.3424	-2.901	182.5	19.46	11.36
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-6.515	2.138					
SDev	.662	.539					
%RSD	10.15	25.20					
#1	-6.047	1.757					
#2	-6.983	2.519					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1098	--	--	--	--	--	--
SDev	.3960212	--	--	--	--	--	--

%RSD	.0360770	--	--	--	--	--	--
#1	1097	--	--	--	--	--	--
#2	1098	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32205-B-9-F@4 Operator:
Run Time: 10/13/11 06:28:00
Comment:
Mode: CONC Corr. Factor: 1

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	☐ Analysis

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Avge	50460.	-.0684	41.76	103.8	3.289	-1.489	19570.
SDev	126.	.6043	.20	.3	.009	.059	88.
%RSD	.2493	883.5	.4847	.3137	.2586	3.941	.4475

#1	50550.	.3589	41.62	104.1	3.295	-1.447	19630.
#2	50380.	-.4957	41.91	103.6	3.283	-1.530	19510.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	140.8	35.21	37.61	131700.	25560.	1993.	87.13
SDev	.1	.58	.03	516.	85.	8.	.97
%RSD	.0402	1.640	.0800	.3918	.3328	.4224	1.117

#1	140.8	35.61	37.63	132100.	25620.	1999.	87.81
#2	140.7	34.80	37.58	131400.	25500.	1987.	86.44

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	10540.	.5010	45.56	.8907	411.8	-3.947	152.0
SDev	59.	.0066	.44	2.239	94.3	2.770	.3
%RSD	.5598	1.326	.9686	251.4	22.90	70.19	.2079

#1	10590.	.4963	45.25	-.6928	478.4	-1.988	152.2
#2	10500.	.5057	45.88	2.474	345.1	-5.906	151.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	335.6	45.13	5.403	3.454	1435.	50.79	42.95
SDev	.6	.83	1.177	1.124	6.	1.60	.14
%RSD	.1688	1.840	21.77	32.53	.3940	3.149	.3186

#1	336.0	45.72	4.571	2.659	1439.	49.66	43.05
#2	335.2	44.54	6.235	4.248	1431.	51.92	42.85

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem Units	1960/1 ppb	1960/2 ppb
Avge	-12.72	7.678
SDev	1.74	2.490
%RSD	13.65	32.44

#1 AM	-13.95 page 34	5.917	☐ Analysis Report	10/13/11 06:34:05

#2	-11.49	9.439

Errors High Low	NOCHECK	NOCHECK					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1119	--	--	--	--	--	--
SDev	.7524230	--	--	--	--	--	--
%RSD	.0672159	--	--	--	--	--	--
#1	1119	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846		Sample Name: 460-32220-A-4-H@4			Operator:		
Run Time: 10/13/11		06:34:08					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13590.	1.683	18.97	82.51	-.0117	-.1054	3025.
SDev	22.	3.477	.04	.08	.0156	.1611	3.
%RSD	.1595	206.6	.2035	.0963	133.5	152.8	.1141
#1	13600.	4.142	19.00	82.57	-.0227	-.2193	3028.
#2	13570.	-.7755	18.94	82.45	-.0007	.0085	3023.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.94	3.144	14.85	16100.	1254.	141.7	7.962
Report	10/13/11 06:40:14 AM page 36						
SDev	.78	.186	.30	12.	3.	.2	.582
%RSD	3.899	5.911	1.997	.0754	.2052	.1618	7.315
#1	19.39	3.013	15.06	16110.	1256.	141.8	8.374
#2	20.49	3.276	14.64	16090.	1253.	141.5	7.550
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1291.	1.164	63.11	1.066	232.1	-1.703	31.95
SDev	7.	.048	.12	.884	47.7	3.795	.35
%RSD	.5314	4.095	.1974	82.98	20.57	222.8	1.087
#1	1296.	1.130	63.02	.4404	265.8	-4.386	32.20
#2	1286.	1.197	63.20	1.691	198.3	.9801	31.71
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	138.7	2.684	.6359	3.223	163.5	64.62	62.35
SDev	.1	.311	.9188	1.624	.4	.41	.02
%RSD	.0980	11.59	144.5	50.38	.2589	.6353	.0292
#1	138.8	2.904	1.286	4.371	163.8	64.33	62.36
#2	138.6	2.464	-.0138	2.075	163.2	64.91	62.34
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Analysis

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.204	3.188
SDev	.964	.844
%RSD	30.10	26.49

#1	-3.886	2.591
#2	-2.522	3.785

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1119	--	--	--	--	--	--
SDev	1.069119	--	--	--	--	--	--
%RSD	.0955789	--	--	--	--	--	--

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□□Analysis

#1	1118	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32220-A-5-D@4 Operator:
Run Time: 10/13/11 06:40:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37990.	1.169	16.86	439.9	3.395	-.3466	5398.
SDev	2.	1.196	.86	.8	.006	.2539	5.
%RSD	.0058	102.3	5.090	.1712	.1844	73.26	.0931
#1	37990.	2.015	17.47	440.4	3.391	-.1670	5402.
#2	37980.	.3233	16.25	439.3	3.400	-.5261	5394.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.40	16.72	21.23	38790.	3512.	1463.	25.23
SDev	.02	.55	.45	82.	2.	.	.16
%RSD	.0502	3.284	2.108	.2122	.0711	.0048	.6260
#1	46.38	16.33	20.92	38850.	3510.	1463.	25.11
#2	46.41	17.10	21.55	38730.	3514.	1463.	25.34

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1120.	.3571	150.3	-1.473	64.02	-2.699	72.62

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□□Analysis

SDev	.	.1626	1.3	1.342	11.19	3.387	.28
%RSD	.0135	45.54	.8978	91.14	17.48	125.5	.3870
#1	1120.	.4721	149.3	-2.422	56.11	-.3039	72.42
#2	1120.	.2421	151.3	-.5236	71.94	-5.093	72.82

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	294.0	5.151	1.927	1.779	666.6	149.3	150.8
SDev	.2	.426	1.817	.883	.1	1.5	2.8
%RSD	.0835	8.273	94.33	49.62	.0192	.9997	1.836
#1	293.8	5.452	.6415	1.154	666.6	150.4	148.8
#2	294.1	4.850	3.212	2.403	666.5	148.2	152.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.759	.1597					
SDev	2.609	.7103					
%RSD	54.81	444.7					
#1	-6.604	-.3425					
#2	-2.914	.6620					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1304	--	--	--	--	--	--
SDev	1.148358	--	--	--	--	--	--
%RSD	.0880348	--	--	--	--	--	--
#1	1304	--	--	--	--	--	--
#2	1305	--	--	--	--	--	--

Method:	SW846	Sample Name:	CCV 1129170	Operator:			
Run Time:	10/13/11 06:46:26						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123500.	986.8	4915.	9940.	991.1	2407.	123300.
SDev	36.	3.8	6.	19.	2.5	11.	274.
%RSD	.0291	.3818	.1125	.1923	.2566	.4655	.2221
#1	123500.	989.4	4919.	9953.	992.9	2399.	123500.
#2	123500.	984.1	4911.	9926.	989.3	2415.	123100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4922.	2465.	12220.	99220.	122500.	4868.	2426.
SDev	13.	6.	5.	187.	50.	8.	4.
%RSD	.2710	.2459	.0372	.1881	.0407	.1599	.1685
#1	4932.	2470.	12220.	99360.	122500.	4874.	2423.
#2	4913.	2461.	12220.	99090.	122500.	4863.	2429.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48620.	1235.	9607.	4873.	123000.	4864.	2449.
SDev	300.	.	55.	14.	49.	5.	3.
%RSD	.6176	.0331	.5739	.2776	.0400	.0971	.1244
#1	48830.	1235.	9568.	4864.	123000.	4860.	2451.
#2	48410.	1235.	9646.	4883.	123100.	4867.	2447.

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	55200.	1380.	11040.	5522.	138000.	5522.	2760.
	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem Units Report Zn2062 ppb B_2496 ppb Mo2020 ppb Sn1899 ppb Ti3349 ppb 2203/1 ppb 2203/2 ppb 10/13/11 06:52:32 AM page 42 Analysis

Avge	2390.	966.4	2425.	997.9	9844.	9570.	9626.
SDev	18.	1.2	8.	3.4	15.	71.	118.
%RSD	.7453	.1248	.3217	.3439	.1520	.7417	1.227

#1 2377. 965.6 2419. 1000. 9854. 9620. 9542.
 #2 2402. 967.3 2430. 995.4 9833. 9520. 9709.

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	2760.	1104.	2760.	1104.	11040.		
	2239.	896.0	2239.	896.0	8960.		

Elem Units	1960/1 ppb	1960/2 ppb
Avge	4843.	4888.
SDev	36.	38.
%RSD	.7428	.7823

#1 4869. 4861.
 #2 4818. 4915.

Errors High	NOCHECK	NOCHECK
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	2.851042	--	--	--	--	--	--
%RSD	.2606434	--	--	--	--	--	--

#1 1092 -- -- -- -- -- --
 #2 1096 -- -- -- -- -- --

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Method: SW846 Sample Name: CCB Operator:
 Run Time: 10/13/11 06:52:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	31.66	1.972	1.003	.6187	-.2271	.0621	3.143
SDev	6.56	.745	.794	.4289	.0416	.0623	4.757
%RSD	20.71	37.81	79.18	69.31	18.32	100.4	151.4

#1 36.30 2.499 1.564 .3155 -.1976 .0180 6.507
 #2 27.02 1.445 .4413 .9220 -.2565 .1062 -.2207

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	200.0	10.00	5.000	200.0	2.000	4.000	1000.
	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	.0925	.7644	.0292	5.654	19.97	.0469	.3231
SDev	.1859	.4715	.2552	7.849	5.16	.2309	.3378
%RSD	201.0	61.68	874.7	138.8	25.84	491.9	104.6

#1 .2239 .4310 .2096 11.20 23.62 .2102 .0842
 #2 -.0390 1.098 -.1513 .1036 16.32 -.1163 .5620

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10.00	50.00	25.00	150.0	1000.	15.00	40.00
	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.254	1.010	1.320	-1.270	16.63	-.6808	.5223
SDev	6.768	.064	.671	1.163	6.39	3.2621	.0027
%RSD	82.00	6.323	50.87	91.59	38.44	479.1	.5072
#1	3.468	1.055	1.795	-.4475	21.15	1.626	.5241
#2	13.04	.9644	.8451	-2.092	12.11	-2.988	.5204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4331	1.058	.4563	-1.441	.1985	1.118	1.416
SDev	.7479	.308	.8433	.848	.5046	4.811	1.396
%RSD	172.7	29.16	184.8	58.85	254.2	430.3	98.53
#1	.9619	1.276	1.053	-.8414	.5553	4.520	.4296
#2	-.0957	.8398	-.1400	-2.041	-.1583	-2.284	2.403
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2	Analysis Report				10/13/11 06:58:41
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Units	ppb	ppb
Avge	.4993	-2.162
SDev	.6808	2.083
%RSD	136.3	96.35
#1	.0179	-.6891
#2	.9807	-3.636
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1120	--	--	--	--	--	--
SDev	3.088672	--	--	--	--	--	--
%RSD	.2756640	--	--	--	--	--	--
#1	1123	--	--	--	--	--	--
#2	1118	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32220-A-6-D@4 Operator:
Run Time: 10/13/11 06:58:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42830.	.9990	18.59	473.8	3.835	-.4382	4489.
SDev	162.	3.655	1.27	1.3	.085	.1104	18.
%RSD	.3781	365.9	6.847	.2842	2.217	25.19	.3991
#1	42720.	-1.586	19.49	472.8	3.775	-.5163	4476.
#2	42950.	3.584	17.69	474.7	3.895	-.3602	4501.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	49.80	18.76	21.04	44020.	3971.	1797.	27.88
SDev	.24	.64	.60	138.	31.	10.	.43
%RSD	.4789	3.386	2.857	.3135	.7718	.5669	1.545
#1	49.63	19.21	20.62	43920.	3949.	1790.	28.19
#2	49.96	18.31	21.47	44120.	3993.	1804.	27.58
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1162.	.4880	135.7	-2.727	26.00	-2.403	82.98
SDev	7.	.2299	.9	1.894	30.88	2.263	.52
%RSD	.6318	47.11	.6658	69.44	118.7	94.16	.6272
#1	1157.	.3254	135.1	-1.388	47.83	-4.003	82.61
#2	1168.	.6505	136.3	-4.066	4.170	-.8030	83.35
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	295.2	4.357	2.214	.8285	714.4	137.2	134.9
SDev	2.0	.347	.299	.8729	3.8	2.7	.0
%RSD	.6934	7.966	13.51	105.3	.5273	1.968	.0045
#1	293.8	4.602	2.426	.2113	711.7	135.3	134.9
#2	296.7	4.111	2.003	1.446	717.0	139.1	134.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-9.534	.6635					
SDev	3.388	1.148					
%RSD	35.53	173.0					
#1	-7.139	1.475					
#2	-11.93	-.1480					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1313	--	--	--	--	--	--
SDev	6.137639	--	--	--	--	--	--
%RSD	.4673504	--	--	--	--	--	--
#1	1318	--	--	--	--	--	--
#2	1309	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32077-D-1-B@4 Operator:
Run Time: 10/13/11 07:04:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9299.	1.676	8.121	11.05	.0280	-.3844	261.3
SDev	38.	1.295	.590	.00	.0315	.0151	.4
%RSD	.4072	77.24	7.264	.0189	112.6	3.934	.1695
#1	9326.	.7608	8.539	11.05	.0057	-.3951	261.0

#2	9272.	2.592	7.704	11.05	.0503	-.3737	261.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.721	4.374	1.795	6730.	1231.	82.54	7.590
SDev	.113	.097	.416	37.	14.	.34	.422
%RSD	1.165	2.224	23.18	.5473	1.109	.4174	5.560
#1	9.641	4.306	1.501	6756.	1241.	82.79	7.292
#2	9.801	4.443	2.090	6704.	1222.	82.30	7.889

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474.0	.5569	5.970	-3.938	72.06	-.5574	13.64
SDev	3.1	.1234	1.019	1.553	7.33	3.2827	.01
%RSD	.6530	22.16	17.07	39.45	10.18	588.9	.0512
#1	471.8	.4696	5.249	-2.839	66.88	1.764	13.64
#2	476.1	.6441	6.690	L-5.036	77.25	-2.879	13.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1101.	4.785	.5231	.0510	273.7	8.060	4.922
SDev	3.	.063	1.232	.4109	1.5	2.985	.038
%RSD	.2461	1.310	235.5	805.9	.5444	37.03	.7728
#1	1099.	4.829	-.3480	-.2396	274.8	5.950	4.895
#2	1103.	4.741	1.394	.3416	272.7	10.17	4.948
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.440	-1.700					
SDev	1.439	1.611					
%RSD	17.05	94.76					
#1	-7.423	-.5607					
#2	-9.457	-2.838					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1106	--	--	--	--	--	--
SDev	.1980106	--	--	--	--	--	--
%RSD	.0178974	--	--	--	--	--	--
#1	1106	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32077-D-2-B@4 Operator:
Run Time: 10/13/11 07:11:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10850.	.9376	6.528	11.67	.0552	-.2691	470.4
SDev	235.	1.421	3.116	.24	.0460	.2233	9.5
%RSD	2.168	151.5	47.73	2.044	83.42	82.99	2.011
#1	10680.	-.0669	4.325	11.50	.0877	-.4270	463.8
#2	11010.	1.942	8.731	11.84	.0226	-.1112	477.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.25	3.804	3.168	6166.	1035.	37.58	7.990
SDev	.18	.252	.200	131.	30.	.78	.960
%RSD	1.803	6.614	6.318	2.122	2.858	2.088	12.01
#1	10.12	3.626	3.026	6073.	1014.	37.02	7.311
#2	10.38	3.982	3.309	6258.	1056.	38.13	8.669
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	397.9	.5325	4.721	-3.095	236.7	-1.640	12.18
SDev	33.7	.4494	.711	1.338	38.5	.348	.25
%RSD	8.482	84.40	15.07	43.22	16.25	21.24	2.017
#1	374.0	.8503	5.224	-2.149	263.9	-1.394	12.00
#2	421.7	.2147	4.218	-4.041	209.5	-1.886	12.35
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.53	3.499	.2451	1.256	265.6	6.454	3.852
SDev	.44	.295	.8978	1.959	5.6	1.480	.328
%RSD	2.359	8.428	366.3	156.0	2.109	22.93	8.507
#1	18.22	3.290	-.3898	-.1292	261.7	7.500	4.084
#2	18.84	3.707	.8799	2.641	269.6	5.407	3.620
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.921	-2.193					
SDev	3.695	.161					
%RSD	75.09	7.341					
#1	-2.308	-2.079					
#2	-7.534	-2.307					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1139	--	--	--	--	--	--
SDev	22.05609	--	--	--	--	--	--

%RSD	1.936613	--	--	--	--	--	--
#1	1154	--	--	--	--	--	--
#2	1123	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32241-A-1-F@4 Operator:
Run Time: 10/13/11 07:17:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37590.	-.4140	15.35	932.4	2.960	-.7101	18420.
SDev	60.	.0896	.28	3.6	.010	.0132	7.
%RSD	.1591	21.64	1.825	.3889	.3498	1.863	.0356

#1	37640.	-.3506	15.15	935.0	2.953	-.7195	18410.
#2	37550.	-.4773	15.54	929.9	2.968	-.7008	18420.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71.91	37.73	79.68	77720.	21500.	2282.	81.94
SDev	.25	.12	.25	136.	27.	.	.73
%RSD	.3452	.3054	.3187	.1756	.1254	.0178	.8931

#1	71.74	37.81	79.50	77820.	21510.	2283.	82.45
#2	72.09	37.65	79.86	77630.	21480.	2282.	81.42

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5718.	.8731	64.16	-.9831	628.2	-3.695	89.61
SDev	33.	.3681	1.64	1.6049	57.2	.849	.09
%RSD	.5727	42.16	2.555	163.2	9.098	22.98	.0990

#1	5741.	.6128	65.32	-2.118	587.8	-3.094	89.67
#2	5695.	1.133	63.00	.1517	668.7	-4.295	89.54

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	328.6	25.56	1.382	.2676	1367.	69.60	61.43
SDev	.4	.38	.398	2.522	3.	3.48	.72
%RSD	.1187	1.472	28.79	942.5	.2184	4.998	1.174

#1	328.3	25.83	1.663	2.051	1369.	72.06	61.94	Analysis
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#2	328.9	25.30	1.101	-1.516	1365.	67.14	60.92

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.521	2.771
SDev	1.668	1.573
%RSD	19.58	56.77

#1	-9.701	1.659
#2	-7.341	3.884

Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1175	--	--	--	--	--	--
SDev	1.663065	--	--	--	--	--	--
%RSD	.1414777	--	--	--	--	--	--
#1	1177	--	--	--	--	--	--
#2	1174	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32244-A-1-D@4 Operator:
 Run Time: 10/13/11 07:23:18
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	39780.	.6740	17.96	800.3	2.852	-.7067	18630.
SDev	1234.	2.184	4.06	25.8	.096	.0859	636.
%RSD	3.102	324.0	22.59	3.224	3.351	12.16	3.413
#1	40650.	-.8703	20.83	818.5	2.919	-.7674	19080.
#2	38910.	2.218	15.09	782.0	2.784	-.6459	18180.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	77.26	39.08	70.10	82190.	22660.	2526.	84.25
SDev	2.70	1.01	3.11	2815.	714.	84.	1.90
%RSD	3.500	2.595	4.432	3.425	3.149	3.339	2.253

#1	79.17	39.80	72.29	84180.	23170.	2586.	85.59
#2	75.35	38.37	67.90	80200.	22160.	2467.	82.91

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5846.	1.038	68.70	-1.314	641.3	-4.426	96.24
SDev	205.	.151	.00	1.693	24.1	.736	3.36
%RSD	3.500	14.58	.0005	128.8	3.764	16.63	3.496

#1	5991.	.9310	68.70	-.1173	658.4	-3.905	98.62
#2	5701.	1.145	68.70	-2.512	624.3	-4.946	93.86

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	343.6	20.24	.6548	2.540	1380.	72.93	66.58
SDev	9.6	.41	.0016	.708	46.	1.60	.80
%RSD	2.790	2.029	.2518	27.86	3.331	2.198	1.203

#1	350.3	20.53	.6536	3.040	1412.	74.06	66.02
#2	336.8	19.95	.6559	2.040	1347.	71.80	67.15

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-8.734	2.381

SDev	1.892	1.593	
%RSD	21.66	66.93	
#1	-7.396	3.507	□□Analysis Report
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#2	-10.07	1.254	
Errors	NOCHECK	NOCHECK	
High			
Low			
IntStd	1	2	3
Mode	Counts	NOTUSED	NOTUSED
Elem	Y	--	--
Wavlen	371.030	--	--
Avge	1177	--	--
SDev	31.36163	--	--
%RSD	2.665156	--	--
#1	1155	--	--
#2	1199	--	--

Method: SW846 Sample Name: 460-31431-A-11-B@4 Operator:
Run Time: 10/13/11 07:29:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14050.	1.560	32.66	83.45	.8743	-.7677	4173.
SDev	139.	1.118	.63	.83	.0106	.0135	37.
%RSD	.9906	71.69	1.937	.9923	1.212	1.758	.8778
#1	14150.	.7692	33.10	84.03	.8818	-.7582	4199.
#2	13950.	2.351	32.21	82.86	.8668	-.7773	4148.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	61.69	10.20	25.27	70790.	2014.	65.86	19.49
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SDev	.05	.28	.55	634.	28.	.25	.42
%RSD	.0737	2.705	2.162	.8956	1.402	.3820	2.146
#1	61.72	10.40	25.66	71240.	2034.	66.04	19.79
#2	61.66	10.01	24.89	70340.	1994.	65.68	19.19
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3450.	.9265	44.90	.9228	1053.	-1.976	113.1
SDev	55.	.0454	1.19	.6431	60.	.780	1.0
%RSD	1.598	4.899	2.646	69.69	5.722	39.45	.9197
#1	3489.	.9586	45.74	.4681	1011.	-2.528	113.9
#2	3411.	.8944	44.06	1.378	1096.	-1.425	112.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	267.9	32.40	1.751	.4110	365.3	51.29	41.70
SDev	2.3	.52	.412	3.474	3.2	4.42	.42
%RSD	.8518	1.604	23.51	845.2	.8879	8.612	1.016

#1	269.6	32.03	2.042	2.867	367.6	54.41	41.40
#2	266.3	32.76	1.460	-2.045	363.0	48.16	42.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.216	2.480					
SDev	.713	.608					
%RSD	32.20	24.52					
#1	-2.720	2.050					
#2	-1.711	2.910					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	.5544125	--	--	--	--	--	--
%RSD	.0506353	--	--	--	--	--	--

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#1	1095	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32192-A-1-E@4 Operator:
Run Time: 10/13/11 07:35:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62300.	4.018	22.58	546.7	2.873	.1007	13550.
SDev	257.	1.016	1.60	1.6	.005	.1479	84.
%RSD	.4119	25.29	7.098	.2878	.1643	146.9	.6199
#1	62120.	3.300	21.45	545.6	2.870	.2053	13490.
#2	62480.	4.737	23.72	547.8	2.877	-.0039	13610.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	185.9	80.06	158.9	152700.	13420.	4231.	94.56
SDev	1.0	.01	.7	748.	52.	23.	1.11
%RSD	.5556	.0120	.4519	.4898	.3907	.5343	1.172
#1	185.1	80.07	158.4	152200.	13380.	4215.	95.35
#2	186.6	80.06	159.4	153200.	13460.	4247.	93.78

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11800.	1.138	471.6	1.536	-8.073	-6.993	264.0

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SDev	9.	.149	3.0	2.594	52.141	2.038	1.8
%RSD	.0788	13.13	.6422	168.9	645.8	29.14	.6688

#1	11790.	1.244	469.5	-.2981	-44.94	-5.552	262.8
#2	11810.	1.033	473.7	3.370	28.80	-8.434	265.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	527.9	5.768	2.675	13.67	4882.	479.0	467.9
SDev	4.2	.838	.618	.97	21.	5.7	1.7
%RSD	.7999	14.52	23.09	7.124	.4218	1.180	.3672
#1	524.9	6.360	3.112	12.98	4868.	475.0	466.7
#2	530.9	5.175	2.238	14.35	4897.	483.0	469.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.273	6.424					
SDev	.701	3.539					
%RSD	8.474	55.09					
#1	-8.769	3.922					
#2	-7.778	8.927					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	3.920248	--	--	--	--	--	--
%RSD	.3495938	--	--	--	--	--	--
#1	1124	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32192-A-2-E@4 Operator:
Run Time: 10/13/11 07:41:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	82370.	.2371	14.02	501.7	3.547	-1.526	12920.
SDev	68.	.3731	.38	1.2	.035	.112	4.
%RSD	.0825	157.3	2.697	.2327	.9777	7.312	.0341
#1	82420.	-.0267	14.28	502.5	3.571	-1.447	12920.
#2	82320.	.5009	13.75	500.9	3.522	-1.605	12920.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	20000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	156.0	54.91	66.51	123600.	12420.	1877.	72.57
SDev	.1	.03	.61	76.	11.	2.	.70
%RSD	.0503	.0521	.9184	.0612	.0924	.0943	.9607
#1	155.9	54.93	66.94	123600.	12430.	1878.	73.06
#2	156.1	54.89	66.08	123500.	12420.	1875.	72.08
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9480.	1.092	55.39	-2.240	3107.	-.2760	259.8
SDev	60.	.130	.77	.827	22.	1.0211	.3
%RSD	.6291	11.91	1.386	36.94	.7216	369.9	.1187
#1	9522.	.9999	55.93	-1.655	3123.	.4460	260.1
#2	9438.	1.184	54.85	-2.825	3091.	-.9980	259.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report				10/13/11 07:47:49 AM		page 67	

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Avge	325.8	2.198	-.8308	4.704	4314.	59.30	53.43
SDev	1.1	.455	.2229	.910	7.	2.87	.28
%RSD	.3519	20.69	26.83	19.35	.1582	4.841	.5282
#1	325.0	1.876	-.6732	4.060	4318.	61.33	53.23
#2	326.6	2.519	-.9884	5.348	4309.	57.27	53.63
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-11.16	2.203					
SDev	6.84	2.174					
%RSD	61.30	98.66					
#1	-6.320	.6662					
#2	-15.99	3.741					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1213	--	--	--	--	--	--
SDev	2.494640	--	--	--	--	--	--
%RSD	.2057177	--	--	--	--	--	--
#1	1214	--	--	--	--	--	--
#2	1211	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1129170 Operator:
Run Time: 10/13/11 07:47:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124600.	997.9	4971.	9995.	992.5	2442.	123700.
SDev	239.	4.7	2.	18.	2.4	5.	240.
%RSD	.1918	.4743	.0442	.1824	.2460	.2123	.1941
#1	124800.	1001.	4972.	10010.	994.2	2445.	123800.
#2	124500.	994.6	4969.	9982.	990.8	2438.	123500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4946.	2473.	12370.	99410.	123800.	4910.	2454.
SDev	12.	7.	9.	220.	188.	8.	5.

%RSD	.2452	.2642	.0719	.2214	.1522	.1536	.2184
#1	4955.	2478.	12370.	99560.	124000.	4916.	2458.
#2	4937.	2469.	12360.	99250.	123700.	4905.	2450.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49250.	1241.	9793.	4945.	123700.	4944.	2466.
SDev	166.	2.	9.	16.	32.	14.	3.
%RSD	.3375	.1639	.0910	.3215	.0258	.2767	.1376
#1	49370.	1243.	9799.	4956.	123700.	4954.	2468.
#2	49130.	1240.	9787.	4934.	123700.	4935.	2464.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2425.	983.7	2464.	997.7	9912.	9772.	9804.
SDev	5.	1.9	5.	.6	13.	.	13.
%RSD	.2110	.1906	.2082	.0565	.1284	.0042	.1342
#1	2429.	985.0	2468.	998.1	9921.	9772.	9813.
#2	2421.	982.3	2461.	997.3	9903.	9772.	9795.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2	Analysis Report				10/13/11 07:53:58
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Units	ppb	ppb					
Avge	4926.	4954.					
SDev	15.	16.					
%RSD	.3087	.3278					
#1	4937.	4966.					
#2	4915.	4943.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1081	--	--	--	--	--	--
SDev	3.603465	--	--	--	--	--	--
%RSD	.3332086	--	--	--	--	--	--
#1	1079	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method:	SW846	Sample Name:	CCB	Operator:			
Run Time:	10/13/11 07:54:01						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.22	3.374	3.311	.8087	-.1596	.1654	8.914
SDev	3.96	1.661	3.187	.1766	.0070	.0336	6.204
%RSD	14.03	49.22	96.25	21.83	4.398	20.32	69.60
#1	31.02	2.199	H5.564	.6839	-.1546	.1891	13.30
#2	25.42	4.548	1.058	.9336	-.1645	.1416	4.527
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1153	.2981	.3714	2.470	24.61	.2828	-.6298
SDev	.4922	.1881	.3880	5.884	12.68	.2778	.2159
%RSD	426.8	63.11	104.5	238.2	51.53	98.22	34.27
#1	.2327	.4311	.6458	6.631	33.58	.4792	-.4772
#2	-.4634	.1651	.0971	-1.690	15.65	.0864	-.7825
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.799	.2407	1.101	-1.573	-35.41	.9037	.1478
SDev	.926	.4358	.538	2.447	115.51	1.073	.2336
%RSD	10.52	181.0	48.89	155.6	326.2	118.7	158.0
#1	9.453	.5489	.7205	.1575	46.27	.1452	.3130
#2	8.144	-.0674	1.482	-3.303	-117.1	1.662	-.0174
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1969	1.150	1.654	-1.416	.5557	2.668	.3153
SDev	.0136	.184	.183	.543	.4173	.349	.6333
%RSD	6.928	15.97	11.06	38.32	75.09	13.06	200.9
#1	-.2066	1.280	1.783	-1.032	.8508	2.421	-.1325
#2	-.1873	1.020	1.525	-1.800	.2606	2.914	.7630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.265	-1.736					
SDev	1.839	2.750					
%RSD	145.4	158.5					
#1	.0353	.2091					
#2	-2.565	-3.680					
Errors	NOCHECK	NOCHECK					
High							
Low							

Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	4.039020	--	--	--	--	--	--
%RSD	.3629313	--	--	--	--	--	--
#1	1116	--	--	--	--	--	--
#2	1110	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-89204/1-A Operator:
Run Time: 10/13/11 08:00:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.88	.7093	4.079	-.0299	-.3090	-.2679	6.965
SDev	2.42	.0957	1.189	.8701	.0084	.0775	1.064
%RSD	8.691	13.49	29.15	2912.	2.714	28.91	15.28
#1	29.59	.6417	3.238	.5854	-.3149	-.3227	6.212
#2	26.16	.7770	4.919	-.6452	-.3031	-.2132	7.717
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0371	-.1732	.0632	-3.122	18.01	-.1087	-.5143
SDev	.7026	.2895	.0969	4.653	.97	.0028	.3375
%RSD	1895.	167.2	153.4	149.0	5.373	2.564	65.62
#1	.5339	-.3779	-.0053	-6.412	18.69	-.1067	-.2757
#2	-.4598	.0315	.1317	.1680	17.32	-.1107	-.7530
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.92	.3920	1.808	-2.329	109.2	-4.606	.2000
SDev	6.17	.1484	1.654	1.986	3.4	2.151	.1561
%RSD	38.72	37.87	91.46	85.30	3.121	46.69	78.04
#1	20.28	.4969	.6388	-3.733	106.8	-6.126	.0896
#2	11.56	.2870	2.978	-.9242	111.6	-3.085	.3104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.89	.9344	.2182	.1042	-.5313	3.188	1.115
SDev	3.25	.1269	.1458	.9441	.0965	1.983	1.490
%RSD	23.38	13.58	66.84	906.3	18.16	62.19	133.6
#1	11.59	1.024	.1150	.7718	-.5996	1.786	.0619
#2	16.18	.8447	.3213	-.5634	-.4631	4.590	2.168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-6.583	-.2142					
SDev	3.671	1.1457					
%RSD	55.76	534.8					
#1	-9.179	-1.024					
#2	-3.988	.5959					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	6.573279	--	--	--	--	--	--
%RSD	.5975056	--	--	--	--	--	--

#1	1095	--	--	--	--	--	--	
#2	1105	--	--	--	--	--	--	
Method: SW846		Sample Name: LCS 460-89204/2-A			Operator:			
Run Time: 10/13/11 08:06:19								
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2155.	532.6	2119.	2163.	53.15	54.70	21820.	
SDev	10.	2.2	4.	6.	.12	.17	82.	
%RSD	.4680	.4183	.1659	.2903	.2333	.3097	.3776	
#1	2148.	534.2	2117.	2159.	53.06	54.82	21760.	
#2	2162.	531.1	2122.	2168.	53.23	54.58	21870.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.	
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	217.3	530.9	261.5	1085.	20340.	552.3	537.7	
SDev	.8	3.1	1.2	4.	78.	1.9	1.2	
%RSD	.3667	.5917	.4655	.3463	.3835	.3523	.2279	
#1	216.7	528.7	260.6	1083.	20290.	550.9	538.5	
#2	217.9	533.2	262.3	1088.	20400.	553.6	536.8	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0	
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	20590.	53.67	534.9	2048.	20370.	2124.	531.8	
SDev	188.	.02	.5	7.	79.	20.	1.6	
%RSD	.9122	.0415	.0902	.3559	.3888	.9309	.2996	
#1	20460.	53.68	534.6	2043.	20320.	2110.	530.7	
#2	20720.	53.65	535.3	2053.	20430.	2138.	532.9	
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0	
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	533.4	519.4	531.3	532.7	542.2	540.6	532.1	
SDev	.4	3.5	2.7	1.0	1.8	.8	.3	
%RSD	.0811	.6736	.5119	.1920	.3344	.1539	.0579	
#1	533.7	516.9	529.3	532.0	540.9	540.1	531.9	
#2	533.1	521.9	533.2	533.4	543.5	541.2	532.3	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	600.0	600.0	600.0	600.0	600.0			
Low	400.0	400.0	400.0	400.0	400.0			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	2052.	2046.						
SDev	6.	8.						
%RSD	.2866	.3906						
#1	2048.	2041.						
#2	2056.	2052.						
Errors	NOCHECK	NOCHECK						
High								
Low								

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1057	--	--	--	--	--	--
SDev	2.494727	--	--	--	--	--	--
%RSD	.2360258	--	--	--	--	--	--
#1	1059	--	--	--	--	--	--
#2	1055	--	--	--	--	--	--

Method: SW846		Sample Name: 460-31913-B-13-B DU			Operator:		
Run Time: 10/13/11 08:12:28							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.34	.5567	2.844	2.916	-.3266	-.2291	95.61
SDev	2.35	.9331	3.451	.010	.0066	.0243	1.24
%RSD	7.741	167.6	121.3	.3568	2.037	10.62	1.294
#1	32.01	-.1031	.4038	2.908	-.3313	-.2463	94.74
#2	28.68	1.217	5.285	2.923	-.3218	-.2119	96.49
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6387	-.1056	-.3188	8.621	20.67	.2615	-.6313
SDev	.1602	.3820	.1203	.018	5.27	.0451	.0221
%RSD	25.08	361.8	37.75	.2049	25.49	17.25	3.500
#1	.5254	-.3757	-.2337	8.633	16.94	.2934	-.6470
#2	.7520	.1645	-.4039	8.608	24.39	.2296	-.6157
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.54	.4025	3.633	-1.558	335.2	-1.578	-.0089
SDev	4.37	.1360	.510	.923	43.4	2.228	.0021
%RSD	10.51	33.80	14.05	59.27	12.96	141.3	23.16
#1	38.46	.3063	3.994	-.9048	365.9	-.0019	-.0074
#2	44.63	.4986	3.272	-2.210	304.4	-3.153	-.0103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.624	67.89	2.439	-.1471	-.4476	5.154	2.870
SDev	.275	.95	.436	.9172	.0329	2.208	1.868
%RSD	16.95	1.395	17.89	623.4	7.341	42.85	65.08
#1	1.430	67.22	2.748	-.7957	-.4244	3.592	4.190
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#2	1.819	68.56	2.131	.5014	-.4709	6.716	1.549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.979	.1407					

Analysis

SDev	5.099	3.930					
%RSD	102.4	2793.					
#1	-8.584	2.919					
#2	-1.373	-2.638					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1098	--	--	--	--	--	--
SDev	3.207444	--	--	--	--	--	--
%RSD	.2921563	--	--	--	--	--	--
#1	1100	--	--	--	--	--	--
#2	1096	--	--	--	--	--	--

Method: SW846 Sample Name: 460-31913-B-13-A Operator:
Run Time: 10/13/11 08:18:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report				10/13/11 08:24:43 AM		page 83		Analysis
Avge	27.43	1.505	1.769	2.908	-.2481	-.0752	96.34	
SDev	2.25	.500	.650	.008	.0110	.0606	.10	
%RSD	8.191	33.24	36.74	.2595	4.453	80.62	.1011	
#1	29.02	1.152	2.229	2.903	-.2403	-.0323	96.27	
#2	25.84	1.859	1.310	2.914	-.2559	-.1181	96.41	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.6074	-.7138	.3604	13.83	17.65	.2934	-.4960	
SDev	.1198	.0978	.0160	6.00	1.19	.0019	.3163	
%RSD	19.72	13.70	4.435	43.38	6.760	.6371	63.77	
#1	.5227	-.6446	.3491	9.590	18.50	.2921	-.7197	
#2	.6921	-.7829	.3717	18.08	16.81	.2947	-.2724	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	48.21	.5353	3.744	-2.901	313.0	-5.530	.0897	
SDev	9.24	.2633	.662	.062	46.8	.244	.1561	
%RSD	19.18	49.18	17.67	2.130	14.95	4.407	173.9	
#1	41.67	.7214	3.276	-2.945	279.9	-5.358	-.0206	
#2	54.74	.3491	4.212	-2.858	346.1	-5.702	.2001	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1.794	68.10	.4148	-2.008	-.4030	7.476	1.876	
SDev	.012	.14	.4007	.959	.0284	.285	1.134	
%RSD	.6954	.2101	96.60	47.75	7.047	3.817	60.46	
#1	1.786	68.00	.6982	-1.330	-.4231	7.678	1.074	
#2	1.803	68.20	.1315	-2.686	-.3829	7.275	2.678	

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.798	.0332					
SDev	3.485	1.833					
%RSD	39.61	5526.					
#1	-6.334	-1.263	□□Analysis Report				10/13/11 08:24:43
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#2	-11.26	1.329					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	2.336249	--	--	--	--	--	--
%RSD	.2123577	--	--	--	--	--	--
#1	1102	--	--	--	--	--	--
#2	1098	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-31913-B-13-A Operator:
Run Time: 10/13/11 08:24:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.523	.9997	.5470	.0445	-.2102	-.3077	10.53
SDev	4.130	1.317	3.257	.6357	.0530	.1627	1.26
%RSD	63.31	131.8	595.3	1427.	25.23	52.86	11.98
#1	9.444	.0681	-1.756	-.4050	-.2477	-.4227	11.42
#2	3.603	1.931	2.850	.4940	-.1727	-.1927	9.634
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4163	-.4177	-.1630	4.413	24.40	-.1645	-.7774
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SDev	.1542	.4826	.5290	3.260	4.07	.1202	.1893
%RSD	37.04	115.5	324.6	73.87	16.67	73.04	24.35
#1	-.5253	-.7589	.2111	6.719	21.52	-.2495	-.9112
#2	-.3072	-.0765	-.5370	2.108	27.27	-.0796	-.6435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-30.13	.4622	.2040	L-5.117	91.36	-.2459	.2378
SDev	36.42	1.077	1.012	.711	10.90	2.4144	.0510
%RSD	120.9	233.0	495.8	13.90	11.93	981.9	21.44
#1	-4.372	-.2992	-.5113	L-5.620	99.06	-1.953	.2018
#2	-55.88	1.224	.9194	-4.614	83.65	1.461	.2739
Errors	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass

High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.103	14.49	1.131	-1.316	-.5300	-.2931	.4483
SDev	.513	.46	1.036	.112	.1223	1.0469	2.039
%RSD	16.54	3.144	91.56	8.524	23.07	357.2	454.9
#1	3.466	14.81	1.863	-1.237	-.6165	.4471	-.9938
#2	2.740	14.17	.3988	-1.396	-.4435	-1.033	1.890
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.664	-3.355					
SDev	.749	.692					
%RSD	8.646	20.64					
#1	-9.193	-3.845					
#2	-8.134	-2.865					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1153	--	--	--	--	--	--
SDev	43.08259	--	--	--	--	--	--
%RSD	3.736979	--	--	--	--	--	--
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□□Analysis

#1	1122	--	--	--	--	--	--
#2	1183	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-31913-B-13-C MS	Operator:			
Run Time:	10/13/11 08:30:56						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2091.	518.4	2055.	2113.	51.52	52.29	21130.
SDev	5.	2.6	8.	4.	.20	.50	94.
%RSD	.2500	.4989	.4112	.1824	.3916	.9542	.4439
#1	2087.	516.6	2049.	2111.	51.38	51.94	21060.
#2	2095.	520.2	2061.	2116.	51.66	52.65	21200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.0	513.8	256.3	1064.	19760.	535.3	519.1
SDev	.7	1.6	1.2	4.	92.	2.1	3.4
%RSD	.3108	.3065	.4655	.3459	.4634	.4000	.6502
#1	211.5	512.7	255.4	1067.	19690.	533.8	516.7
#2	212.4	514.9	257.1	1062.	19820.	536.8	521.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
Avge	20190.	52.73	522.6	1999.	19860.	2070.	515.4	
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SDev	69.	.15	3.5	12.	36.	19.	2.2
%RSD	.3408	.2883	.6665	.6014	.1835	.9120	.4176
#1	20140.	52.84	520.2	1990.	19840.	2057.	513.9
#2	20240.	52.62	525.1	2007.	19890.	2084.	516.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.3	570.4	516.0	514.3	527.1	527.0	520.4
SDev	2.8	1.5	4.0	1.9	2.2	5.2	2.6
%RSD	.5363	.2679	.7836	.3739	.4108	.9924	.5018
#1	513.4	569.3	513.1	512.9	525.5	523.3	518.6
#2	517.3	571.5	518.9	515.7	528.6	530.7	522.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1988.	2004.					
SDev	13.	12.					
%RSD	.6405	.5821					
#1	1979.	1996.					
#2	1997.	2013.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	4.395422	--	--	--	--	--	--
%RSD	.3996521	--	--	--	--	--	--
#1	1103	--	--	--	--	--	--
#2	1097	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-31913-B-13-A Operator:
Run Time: 10/13/11 08:37:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2032.	495.7	1995.	2053.	50.11	51.10	20620.
SDev	10.	2.0	3.	7.	.12	.20	41.
%RSD	.4763	.3997	.1274	.3438	.2317	.3917	.2011
#1	2025.	494.3	1997.	2048.	50.03	50.96	20590.
#2	2039.	497.2	1993.	2058.	50.19	51.24	20650.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.2	501.0	248.2	1046.	19210.	522.2	506.9
SDev	.7	.4	1.7	1.	62.	1.3	1.4
%RSD	.3334	.0877	.6938	.0566	.3232	.2574	.2804

#1	205.7	500.7	247.0	1046.	19160.	521.2	505.9
#2	206.7	501.3	249.4	1047.	19250.	523.1	508.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19650.	52.67	509.9	1935.	19350.	2022.	502.1
SDev	89.	.34	2.4	9.	227.	1.	.7
%RSD	.4547	.6457	.4625	.4707	1.175	.0527	.1467
#1	19590.	52.91	508.2	1928.	19190.	2023.	501.6
#2	19720.	52.43	511.5	1941.	19510.	2022.	502.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	506.1	557.4	503.0	501.5	513.0	509.6	510.0
SDev	.8	2.3	2.0	.9	1.0	2.3	4.7
%RSD	.1568	.4063	.3988	.1821	.2039	.4501	.9178
#1	505.5	555.8	501.6	500.9	512.3	511.3	506.7
#2	506.6	559.0	504.4	502.2	513.7	508.0	513.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1932.	1936.					
SDev	12.	7.					
%RSD	.6433	.3846					
#1	1924.	1930.					
#2	1941.	1941.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1109	--	--	--	--	--	--
SDev	2.653032	--	--	--	--	--	--
%RSD	.2391437	--	--	--	--	--	--
#1	1111	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

□□

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Method: SW846 Sample Name: 460-31857-D-26-A Operator:
 Run Time: 10/13/11 08:43:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.07	-.1819	1.930	-.6452	-.2018	-.2241	-2.418
SDev	1.37	1.2900	.577	.0000	.0020	.0235	1.049
%RSD	9.106	709.1	29.87	.0000	1.009	10.49	43.37
#1	16.04	.7302	2.338	-.6452	-.2004	-.2407	-1.677
#2	14.10	-1.094	1.522	-.6452	-.2033	-.2075	-3.160

Errors High	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-.0785	-.3710	-.0661	-2.124	13.47	-.2107	-1.240
SDev	.3127	.1873	.3107	1.942	5.07	.0487	.063
%RSD	398.4	50.47	469.7	91.43	37.61	23.14	5.048
#1	.1426	-.2386	.1536	-.7508	17.05	-.1762	-1.284
#2	-.2996	-.5034	-.2858	-3.497	9.889	-.2452	-1.195
Errors High	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	-11.11	.4031	.8276	-3.545	184.6	-2.777	.0326
SDev	1.13	.0411	.1426	.673	24.5	2.449	.0789
%RSD	10.15	10.20	17.24	18.99	13.28	88.18	241.8
#1	-11.90	.3740	.7267	-3.069	202.0	-4.508	-.0232
#2	-10.31	.4321	.9284	-4.021	167.3	-1.045	.0884
Errors High	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC Pass 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	-.3516	84.32	.3696	-.0550	-.8244	3.381	-.4513
SDev	.2402	3.43	.2295	2.5008	.0244	1.848	1.1363
%RSD	68.32	4.064	62.10	4546.	2.956	54.65	251.8
#1	-.5214	81.89	.2073	-1.823	-.8071	4.687	-1.255
#2	-.1817	86.74	.5318	1.713	-.8416	2.075	.3522
Errors High	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK
Elem AM	1960/1 page 95	1960/2	Analysis Report				10/13/11 08:49:19
Units	ppb	ppb					
Avge	-6.657	-2.002					
SDev	3.948	.962					
%RSD	59.31	48.06					
#1	-3.865	-2.682					
#2	-9.448	-1.321					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1105	--	--	--	--	--	--
SDev	4.949748	--	--	--	--	--	--
%RSD	.4479555	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

Method:	SW846	Sample Name: 460-31963-D-18-A				Operator:	
Run Time:	10/13/11 08:49:22						
Comment:							
Mode:	CONC	Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.63	-.4108	1.580	-.6452	-.1517	-.4586	-5.239
SDev	13.55	2.2250	1.464	.0000	.0929	.3587	1.470
%RSD	86.69	541.6	92.71	.0000	61.25	78.23	28.06
#1	6.051	-1.984	2.615	-.6452	-.0860	-.2049	-6.278
#2	25.22	1.162	.5441	-.6452	-.2175	-.7122	-4.199

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8543	-.3297	-.3370	6.953	29.61	.0232	-.9251
SDev	.2357	.3324	.0830	1.730	15.90	.0169	.3352
%RSD	27.60	100.8	24.63	24.88	53.69	72.88	36.23
#1	-1.021	-.5647	-.2783	8.176	40.85	.0351	-.6881
#2	-.6876	-.0947	-.3956	5.730	18.37	.0112	-1.162
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-58.93	.4344	2.338	-3.138	326.1	-.8585	.4349
SDev	30.90	.0351	1.189	.150	25.4	1.0632	.1854
%RSD	52.44	8.083	50.87	4.777	7.783	123.8	42.64
#1	-80.78	.4592	3.179	-3.032	308.1	-1.610	.5660
#2	-37.08	.4095	1.497	-3.244	344.0	-.1067	.3037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8906	60.46	.1499	1.414	-.7414	5.562	.7244
SDev	.2612	1.98	1.131	1.196	.0539	2.138	2.851
%RSD	29.32	3.269	754.7	84.53	7.273	38.44	393.5
#1	-.7059	59.07	-.6499	2.260	-.7032	4.050	2.740
#2	-1.075	61.86	.9496	.5689	-.7795	7.074	-1.291
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-5.469	-1.983					
SDev	.089	.181					
%RSD	1.624	9.116					
#1	-5.406	-1.856					
#2	-5.532	-2.111					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1164	--	--	--	--	--	--
SDev	53.53641	--	--	--	--	--	--
%RSD	4.598178	--	--	--	--	--	--

#1	1202	--	--	--	--	--	--
#2	1126	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32045-D-14-A Operator:
Run Time: 10/13/11 08:55:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	140.5	1.005	3.833	67.52	-.1712	-.4211	43500.
SDev	2.2	.601	1.787	.41	.0629	.1369	249.
%RSD	1.549	59.82	46.62	.6067	36.73	32.50	.5727

#1	142.0	.5801	2.570	67.81	-.2157	-.5179	43670.
#2	138.9	1.431	5.097	67.23	-.1268	-.3244	43320.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4898	.6167	.7601	953.0	3487.	428.0	.9161
SDev	.6441	.4704	.1860	4.4	12.	2.2	.7624
%RSD	131.5	76.28	24.47	.4659	.3553	.5034	83.23

#1	-.9453	.2841	.8916	956.1	3496.	429.6	1.455
#2	-.0344	.9493	.6286	949.8	3478.	426.5	.3770

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8024.	.6684	1.995	-.4293	21080.	-2.436	1.126
SDev	35.	.2282	.851	.9696	139.	1.620	.063
%RSD	.4345	34.14	42.63	225.9	.6584	66.49	5.554

#1	8049.	.8298	2.596	.2563	21180.	-3.582	1.082
#2	7999.	.5071	1.394	-1.115	20980.	-1.291	1.170

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.86	107.2	2.542	.4759	3.172	4.826	.5779
SDev	.09	.2	1.176	2.125	.076	.049	1.251
%RSD	.8210	.2086	46.28	446.6	2.405	1.017	216.4

#1	10.92	107.0	3.374	1.979	3.226	4.860	1.462
#2	10.80	107.4	1.710	-1.027	3.119	4.791	-.3065

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.375	1.032
SDev	1.581	.664
%RSD	46.84	64.38

#1	-2.257	1.502
#2	-4.493	.5622

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	6.692051	--	--	--	--	--	--
%RSD	.6010054	--	--	--	--	--	--
#1	1109	--	--	--	--	--	--
#2	1118	--	--	--	--	--	--
Method: SW846		Sample Name: CCV 1129170			Operator:		
Run Time: 10/13/11 09:01:39							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123300.	980.9	4887.	9864.	976.3	2411.	121900.
SDev	116.	1.4	10.	11.	.7	2.	143.
%RSD	.0939	.1426	.2044	.1077	.0762	.0810	.1170
#1	123400.	979.9	4880.	9871.	975.8	2409.	121800.
#2	123200.	981.9	4894.	9856.	976.8	2412.	122000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4877.	2438.	12250.	97740.	122500.	4855.	2419.
SDev	3.	1.	12.	106.	56.	2.	2.
%RSD	.0606	.0428	.0987	.1082	.0455	.0456	.0969
#1	4874.	2437.	12260.	97670.	122600.	4853.	2417.
#2	4879.	2438.	12240.	97820.	122500.	4856.	2420.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48650.	1226.	9685.	4874.	122600.	4886.	2434.
SDev	41.	.	13.	8.	223.	1.	.
%RSD	.0839	.0195	.1371	.1711	.1819	.0142	.0012
#1	48620.	1226.	9675.	4868.	122800.	4887.	2434.
#2	48680.	1225.	9694.	4880.	122400.	4886.	2434.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2394.	968.6	2434.	981.5	9792.	9654.	9700.
SDev	.	.7	2.	3.7	1.	11.	15.
%RSD	.0071	.0774	.0958	.3744	.0091	.1107	.1502
#1	2394.	969.1	2433.	978.9	9792.	9647.	9690.
#2	2394.	968.0	2436.	984.1	9793.	9662.	9710.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4859.	4881.					
SDev	3.	14.					

%RSD	.0701	.2910
#1	4862.	4871.
#2	4857.	4891.
Errors High	NOCHECK	NOCHECK
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	.0791525	--	--	--	--	--	--
%RSD	.0072413	--	--	--	--	--	--
#1	1093	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/13/11 09:07:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.65	1.355	-.0048	1.202	-.0603	.0110	6.641
SDev	2.36	.862	.1930	.419	.0596	.1834	5.288
%RSD	13.37	63.61	4050.	34.83	98.89	1665.	79.63
#1	19.31	1.965	-.1412	1.498	-.0181	-.1186	10.38
#2	15.98	.7458	.1317	.9059	-.1024	.1407	2.902

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	200.0	10.00	5.000	200.0	2.000	4.000	1000.
	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5309	-.4243	.4438	-2.914	28.04	.0737	-.3668
SDev	.4496	.2794	.1250	4.529	2.32	.1835	.1276
%RSD	84.68	65.84	28.18	155.4	8.274	248.8	34.78
#1	-.2130	-.2268	.5322	-6.116	26.40	.2035	-.4571
#2	-.8488	-.6219	.3553	.2890	29.68	-.0560	-.2766

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10.00	50.00	25.00	150.0	1000.	15.00	40.00
	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.48	.6706	1.674	-3.291	-26.29	.4448	-.0281
SDev	.44	.5409	.859	1.605	41.34	1.504	.4663
%RSD	3.244	80.66	51.28	48.76	157.2	338.2	1662.
#1	-13.79	.2881	2.282	-2.156	-55.52	1.509	-.3578
#2	-13.17	1.053	1.067	-4.426	2.939	-.6190	.3017

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	1000.	10.00	5.000	5.000	1000.	10.00	50.00
	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.136	1.404	.4158	-.2381	.2428	2.718	1.149
SDev	.235	.307	.7738	2.5625	.2645	2.708	.065
%RSD	3.291	21.84	186.1	1076.	108.9	99.65	5.644
#1	7.302	1.187	-.1314	1.574	.4299	4.633	1.104
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#2	6.970	1.621	.9629	-2.050	.0558	.8028	1.195

Analysis

Errors High Low	LC Pass 30.00 -30.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	NOCHECK	NOCHECK
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	1.139	-5.512					
SDev	.514	2.663					
%RSD	45.10	48.30					
#1	.7761	-3.630					
#2	1.503	-7.395					
Errors High Low	NOCHECK	NOCHECK					
IntStd Mode Elem Wavlen Avge SDev %RSD	1 Counts Y 371.030 1131 1.663065 .1470396	2 NOTUSED -- -- -- -- --	3 NOTUSED -- -- -- -- --	4 NOTUSED -- -- -- -- --	5 NOTUSED -- -- -- -- --	6 NOTUSED -- -- -- -- --	7 NOTUSED -- -- -- -- --
#1	1132	--	--	--	--	--	--
#2	1130	--	--	--	--	--	--

Method: SW846		Sample Name: CCV 1200071			Operator:		
Run Time: 10/13/11 15:36:45							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	126000.	1025.	5078.	10140.	993.2	2542.	125400.
SDev	171.	8.	20.	16.	1.8	5.	181.
%RSD	.1359	.7980	.3908	.1602	.1826	.1859	.1443
#1	126200.	1031.	5092.	10150.	994.5	2545.	125500.
#2	125900.	1019.	5064.	10130.	991.9	2539.	125300.
Errors High Low	LC Pass 138000. 112000.	LC Pass 1104. 896.0	LC Pass 5520. 4478.	LC Pass 11040. 8960.	LC Pass 1104. 896.0	LC Pass 2760. 2239.	LC Pass 138000. 112000.
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	5063.	2516.	12660.	98760.	126900.	5166.	2553.
SDev	11.	3.	8.	205.	154.	6.	8.
%RSD	.2111	.1202	.0657	.2079	.1214	.1195	.3227
#1	5071.	2518.	12670.	98900.	127000.	5171.	2558.
#2	5056.	2514.	12650.	98610.	126800.	5162.	2547.
Errors High Low	LC Pass 5520. 4478.	LC Pass 2760. 2239.	LC Pass 13800. 11200.	LC Pass 110400. 89560.	LC Pass 138000. 112000.	LC Pass 5522. 4478.	LC Pass 2760. 2239.
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	48730.	1255.	10280.	5134.	122500.	5141.	2527.
SDev	190.	2.	1.	2.	268.	3.	1.
%RSD	.3900	.1285	.0110	.0371	.2185	.0675	.0454
#1	48870.	1257.	10280.	5133.	122700.	5143.	2528.
#2	48600.	1254.	10280.	5136.	122400.	5138.	2526.
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Errors High Low	LC Pass 55200. 44780.	LC Pass 1380. 1120.	LC Pass 11040. 8956.	LC Pass 5522. 4478.	LC Pass 138000. 112000.	LC Pass 5522. 4478.	LC Pass 2760. 2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2573.	1022.	2550.	981.7	9943.	10420.	10210.
SDev	6.	1.	5.	3.1	7.	12.	4.
%RSD	.2500	.0502	.2098	.3139	.0697	.1129	.0408
#1	2578.	1022.	2553.	983.9	9948.	10420.	10210.
#2	2569.	1022.	2546.	979.5	9938.	10410.	10210.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5252.	5076.					
SDev	8.	7.					
%RSD	.1435	.1304					
#1	5257.	5071.					
#2	5246.	5081.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1053	--	--	--	--	--	--
SDev	2.296716	--	--	--	--	--	--
%RSD	.2182111	--	--	--	--	--	--
#1	1051	--	--	--	--	--	--
#2	1054	--	--	--	--	--	--

Method:	SW846	Sample Name:	CCB	Operator:			
Run Time:	10/13/11	15:42:52					
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-28.06	1.097	2.116	1.189	.3624	.1353	4.989
SDev	2.70	1.992	1.042	.286	.0551	.2223	1.872
%RSD	9.623	181.6	49.25	24.08	15.20	164.3	37.53
#1	-26.15	2.505	1.379	.9862	.3235	-.0219	3.665
#2	-29.97	-.3113	2.853	1.391	.4014	.2926	6.313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1084	.0912	2.044	9.514	23.70	.0569	.1083
SDev	.5355	.2934	.117	1.083	2.74	.1213	.1870
%RSD	494.1	321.6	5.701	11.38	11.58	213.3	172.7
#1	-.2703	-.1163	1.962	8.749	25.64	-.0289	.2405
#2	.4870	.2987	2.127	10.28	21.76	.1427	-.0239
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.58	.8271	1.377	-3.414	28.68	1.572	.2055
SDev	31.39	.3621	.134	.933	52.23	1.413	.1659
%RSD	70.40	43.78	9.725	27.32	182.1	89.87	80.71
#1	66.78	1.083	1.472	-2.755	65.61	2.571	.3228

#2	22.39	.5711	1.282	-4.074	-8.254	.5730	.0882
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2046	1.465	.6923	.2255	.3215	-3.707	3.911
SDev	.5485	.024	1.128	.8828	.0940	1.912	.754
%RSD	268.1	1.617	162.9	391.5	29.26	51.59	19.28
#1	-.1832	1.482	-.1052	.8498	.2550	-2.355	3.378
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#2	.5925	1.448	1.490	-.3987	.3880	-5.059	4.444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-7.388	-1.440					
SDev	2.490	2.641					
%RSD	33.70	183.5					
#1	-9.148	.4279					
#2	-5.628	-3.307					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1100	--	--	--	--	--	--
SDev	36.27176	--	--	--	--	--	--
%RSD	3.297745	--	--	--	--	--	--
#1	1074	--	--	--	--	--	--
#2	1126	--	--	--	--	--	--

Method: SW846 Sample Name: mb 460-89370/1-a Operator:
Run Time: 10/13/11 15:52:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-29.87	-1.394	1.644	-.6452	.2599	.1210	-4.859
SDev	1.73	1.574	2.351	.0000	.0039	.0653	.168
%RSD	5.786	112.9	143.0	.0000	1.504	53.91	3.451
#1	-28.65	-2.507	3.306	-.6452	.2572	.1672	-4.977
#2	-31.10	-.2816	-.0186	-.6452	.2627	.0749	-4.740
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2888	-.1882	1.129	-10.58	4.697	-.2310	-.0398
SDev	.2820	.2953	.167	2.68	.246	.0989	1.2129
%RSD	97.65	156.9	14.77	25.32	5.239	42.82	3049.
#1	-.4883	-.3970	1.011	-12.48	4.523	-.3010	.8178
#2	-.0894	.0206	1.247	-8.690	4.871	-.1611	-.8974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66.89	.2582	.0649	-2.020	-31.77	-.8757	.0990
SDev	1.16	.3535	.0181	2.172	48.39	1.1754	.3237
%RSD	1.732	136.9	27.92	107.5	152.3	134.2	327.1
#1	67.71	.0082	.0521	-3.557	-65.99	-1.707	-.1299
#2	66.07	.5081	.0777	-.4844	2.454	-.0445	.3278

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5231	.5279	-.0565	-2.308	-.4312	-1.477	.8305
SDev	.0095	.1961	.6308	.449	.0336	.059	.0021
%RSD	1.815	37.14	1117.	19.48	7.784	3.962	.2476

#1	-.5298	.6666	.3896	-2.625	-.4075	-1.518	.8320
#2	-.5164	.3893	-.5026	-1.990	-.4550	-1.436	.8291

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.147	-1.967
SDev	1.898	2.309
%RSD	88.39	117.4

#1	-3.489	-3.600
#2	-.8053	-.3341

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1064	--	--	--	--	--	--
SDev	2.811509	--	--	--	--	--	--
%RSD	.2642604	--	--	--	--	--	--
#1	1066	--	--	--	--	--	--
#2	1062	--	--	--	--	--	--

Method: SW846 Sample Name: lcs 460-89370/2-a Operator:
Run Time: 10/13/11 15:58:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5373.	1045.	5237.	10460.	1036.	1106.	21700.
SDev	89.	17.	74.	160.	16.	16.	316.
%RSD	1.649	1.666	1.421	1.531	1.530	1.455	1.458

#1	5436.	1057.	5290.	10570.	1047.	1118.	21920.
#2	5310.	1033.	5185.	10350.	1025.	1095.	21470.

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High			6000.	12000.		1200.	
Low			4000.	8000.		800.0	

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5377.	1067.	1080.	1076.	20760.	1117.	1112.

SDev	79.	17.	17.	13.	335.	17.	18.
%RSD	1.473	1.598	1.556	1.232	1.616	1.534	1.606
#1	5433.	1079.	1092.	1085.	21000.	1129.	1124.
#2	5321.	1055.	1068.	1067.	20520.	1105.	1099.
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	6000.		1200.				1200.
Low	4000.		800.0				800.0
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20750.	510.8	5460.	1028.	20360.	1086.	538.8
SDev	349.	7.1	74.	13.	231.	25.	8.3
%RSD	1.684	1.392	1.355	1.240	1.136	2.311	1.532
#1	21000.	515.8	5512.	1037.	20520.	1104.	544.6
#2	20510.	505.8	5407.	1019.	20190.	1068.	532.9
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		600.0	6000.	1200.			
Low		400.0	4000.	800.0			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1104.	1036.	1090.	954.9	1057.	5529.	5425.
SDev	19.	17.	20.	19.3	16.	71.	76.
%RSD	1.681	1.676	1.847	2.020	1.487	1.281	1.393
#1	1118.	1048.	1105.	968.6	1068.	5579.	5478.
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#2	1091.	1024.	1076.	941.3	1046.	5479.	5371.
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	1200.						
Low	800.0						
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1048.	1018.					
SDev	15.	12.					
%RSD	1.449	1.132					
#1	1059.	1026.					
#2	1037.	1009.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1071	--	--	--	--	--	--
SDev	13.58211	--	--	--	--	--	--
%RSD	1.267873	--	--	--	--	--	--
#1	1062	--	--	--	--	--	--
#2	1081	--	--	--	--	--	--

Method: SW846		Sample Name: 460-32194-a-1-c du@2		Operator:			
Run Time: 10/13/11 16:06:31							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-10.28	1.221	1.234	261.7	.2543	-.1081	3275.
SDev	2.55	.964	2.240	.2	.0229	.0404	9.
%RSD	24.76	78.95	181.5	.0667	8.989	37.42	.2637
#1	-8.484	1.902	-.3500	261.5	.2381	-.0795	3269.
#2	-12.08	.5393	2.817	261.8	.2705	-.1367	3281.

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	250000.	2000.	10000.	20000.	2000.	5000.	250000.
	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	-.2401	.4589	5.936	887.0	387.9	16.60	4.718
%RSD	.2611	.2748	.025	13.1	.1	.01	.211
	108.7	59.90	.4265	1.480	.0158	.0736	4.479
#1	-.4247	.2645	5.918	877.7	387.8	16.61	4.569
#2	-.0555	.6532	5.954	896.3	387.9	16.60	4.868
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10000.	5000.	10000.	200000.	250000.	10000.	5000.
	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	371.1	.5532	1.044	-2.359	4165.	2.995	.4210
%RSD	2.4	.5665	.060	.540	86.	1.011	.2919
	.6473	102.4	5.746	22.90	2.071	33.76	69.34
#1	369.4	.1526	1.087	-2.740	4104.	3.710	.2146
#2	372.8	.9537	1.002	-1.977	4226.	2.280	.6274
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Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	100000.	2500.	20000.	10000.	250000.	10000.	5000.
	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	21.55	36.53	7.065	.1908	.3277	.1646	1.480
%RSD	.03	.23	1.893	3.712	.2024	2.267	1.042
	.1523	.6377	26.79	1945.	61.75	1377.	70.41
#1	21.58	36.69	8.403	2.815	.1846	1.768	.7430
#2	21.53	36.36	5.727	-2.434	.4708	-1.439	2.217
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	5000.	2000.	5000.	2000.	20000.		
	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	ppb	ppb					
SDev	.3554	-3.723					
%RSD	2.876	.626					
	809.1	16.82					
#1	-1.678	-3.280					
#2	2.389	-4.165					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.1932354	--	--	--	--	--	--
#1	1149	--	--	--	--	--	--
#2	1146	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32194-a-1-b@20 Operator:
Run Time: 10/13/11 16:12:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-19.00	1.686	-.9965	255.6	.3516	.0281	3219.	
SDev	3.92	2.010	.1854	7.6	.0157	.1049	90.	
%RSD	20.64	119.2	18.61	2.987	4.451	373.2	2.809	
#1	-21.78	3.107	-1.128	250.2	.3626	.1023	3156.	
#2	-16.23	.2643	-.8654	261.0	.3405	-.0461	3283.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.2005	.9600	5.888	879.9	374.5	16.26	4.437	
SDev	.5676	.4352	.289	13.2	6.9	.37	.079	
%RSD	283.1	45.34	4.913	1.503	1.831	2.295	1.771	
#1	-.6019	1.268	5.683	870.5	369.7	16.00	4.382	
#2	.2009	.6522	6.092	889.2	379.4	16.53	4.493	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	342.2	.8388	1.184	-4.238	4033.	-.3912	.3489	
SDev	39.3	1.112	1.108	.964	57.	1.2708	.0606	
%RSD	11.50	132.5	93.54	22.74	1.406	324.8	17.37	
#1	314.4	1.625	1.967	-4.920	3993.	-1.290	.3918	
#2	370.0	.0527	.4009	-3.557	4073.	.5073	.3061	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	20.87	35.64	5.950	1.061	.3482	-.5838	2.063	
SDev	.63	1.19	.180	.113	.1156	1.7023	2.510	
%RSD	3.035	3.330	3.027	10.66	33.21	291.6	121.7	
#1	20.42	34.80	5.822	.9809	.4300	-1.787	3.838	□□Analysis
Report			10/13/11 04:18:42 PM			page 6		
#2	21.31	36.48	6.077	1.141	.2664	.6199	.2876	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	-3.335	-4.698						
SDev	4.791	.947						
%RSD	143.6	20.15						
#1	-6.723	-4.029						
#2	.0523	-5.367						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1169	--	--	--	--	--	--	
SDev	25.89710	--	--	--	--	--	--	
%RSD	2.215745	--	--	--	--	--	--	

#1	1187	--	--	--	--	--	--	
#2	1150	--	--	--	--	--	--	

Method: SW846		Sample Name: SD 460-32194-a-1-b@1				Operator:		
Run Time: 10/13/11		16:18:46						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report				10/13/11 04:24:50 PM		page 8		
Avge	-31.95	.9194	2.742	53.06	.2721	-.3111	681.5	
SDev	1.82	.1663	1.734	.01	.0070	.1867	1.9	
%RSD	5.702	18.08	63.26	.0183	2.567	60.02	.2804	
#1	-33.24	.8019	1.515	53.07	.2770	-.4431	682.8	
#2	-30.66	1.037	3.968	53.05	.2671	-.1791	680.1	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.8726	.0894	2.391	172.2	89.48	3.228	.6874	
SDev	.2717	.6729	.002	3.2	6.54	.048	.1336	
%RSD	31.14	752.3	.0723	1.882	7.314	1.494	19.43	
#1	-1.065	-.3864	2.392	169.9	94.11	3.262	.5929	
#2	-.6804	.5652	2.390	174.5	84.85	3.194	.7818	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	101.1	.8066	.3839	-3.398	845.0	-.1424	.3798	
SDev	8.9	.2844	.5399	1.701	5.9	1.3822	.0813	
%RSD	8.821	35.26	140.6	50.07	.6963	970.5	21.40	
#1	107.4	1.008	.0021	-2.195	840.8	-1.120	.3223	
#2	94.82	.6055	.7657	-4.600	849.2	.8349	.4372	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	1000000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3.842	8.765	2.153	.1832	-.3427	-1.520	1.330	
SDev	.088	.625	.307	1.021	.1213	1.755	.067	
%RSD	2.283	7.136	14.27	557.1	35.41	115.5	5.009	
#1	3.904	8.323	1.935	-.5385	-.2569	-2.761	1.377	
#2	3.780	9.208	2.370	.9049	-.4285	-.2791	1.283	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	-4.580	-2.817						
SDev	2.546	1.280						
%RSD	55.58	45.43						
#1	-2.780	-1.912	Analysis Report				10/13/11 04:24:50	
PM	page 9							
#2	-6.380	-3.722						

Errors High Low	NOCHECK	NOCHECK					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	.1980106	--	--	--	--	--	--
%RSD	.0180934	--	--	--	--	--	--
#1	1094	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846		Sample Name: 460-32194-a-1-d ms@2 Operator:					
Run Time: 10/13/11		16:24:53					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	268.7	53.83	268.8	789.2	51.60	55.12	4399.
SDev	.5	.84	3.5	.7	.05	.03	12.
%RSD	.1798	1.552	1.301	.0883	.1045	.0599	.2791
#1	269.1	54.42	271.3	788.7	51.56	55.14	4390.
#2	268.4	53.24	266.4	789.7	51.64	55.10	4408.
Errors High Low	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	264.4	54.30	57.50	955.1	1406.	71.40	60.60
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SDev	1.1	.44	.27	1.4	11.	.24	.56
%RSD	.4129	.8126	.4639	.1421	.7711	.3334	.9191
#1	265.2	54.61	57.32	954.2	1399.	71.23	60.20
#2	263.6	53.98	57.69	956.1	1414.	71.57	60.99
Errors High Low	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1310.	25.62	273.6	49.69	5272.	53.48	26.61
SDev	12.	.35	1.3	2.41	104.	1.85	.21
%RSD	.8911	1.349	.4623	4.856	1.969	3.453	.7753
#1	1301.	25.38	272.7	47.98	5198.	52.17	26.46
#2	1318.	25.87	274.5	51.39	5345.	54.78	26.75
Errors High Low	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC Pass 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	75.21	88.63	59.70	47.89	52.21	276.0	272.3
SDev	.50	.96	.04	1.98	.14	1.1	1.3
%RSD	.6661	1.088	.0730	4.133	.2589	.3999	.4939
#1	75.56	87.95	59.66	49.29	52.12	275.2	271.4
#2	74.86	89.32	59.73	46.49	52.31	276.8	273.3
Errors High Low	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK
Elem	1960/1	1960/2					

Analysis

Units	ppb	ppb
Avge	52.96	48.04
SDev	4.55	1.34
%RSD	8.598	2.797

#1	49.74	47.09
#2	56.18	48.99

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1144	--	--	--	--	--	--
SDev	2.336249	--	--	--	--	--	--
%RSD	.2042283	--	--	--	--	--	--

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□□Analysis

#1	1146	--	--	--	--	--	--
#2	1142	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-32194-a-1-b@ Operator:
Run Time: 10/13/11 16:31:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4959.	963.3	4932.	9702.	938.1	997.8	22810.
SDev	15.	2.1	5.	1.	1.3	2.1	47.
%RSD	.2941	.2194	.1083	.0124	.1382	.2152	.2047
#1	4949.	961.8	4936.	9702.	937.2	999.3	22780.
#2	4969.	964.8	4928.	9701.	939.0	996.2	22850.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4833.	966.9	982.2	1847.	19520.	1021.	1008.
SDev	6.	3.4	1.5	2.	30.	1.	3.
%RSD	.1147	.3548	.1555	.1159	.1532	.0685	.2896
#1	4829.	964.5	981.1	1848.	19500.	1021.	1010.
#2	4836.	969.4	983.3	1845.	19540.	1022.	1006.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19380.	468.1	4967.	985.6	23090.	994.4	485.5

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□□Analysis

SDev	91.	1.2	2.	2.2	198.	3.4	.4
%RSD	.4690	.2457	.0348	.2248	.8557	.3402	.0908
#1	19320.	467.3	4966.	984.1	22950.	992.0	485.2
#2	19450.	468.9	4968.	987.2	23230.	996.8	485.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	1012.	998.7	984.0	933.3	969.3	5032.	4935.
SDev	3.	1.4	1.8	3.7	.0	2.	1.
%RSD	.2744	.1408	.1858	.4010	.0023	.0486	.0278
#1	1014.	997.7	985.3	930.7	969.2	5030.	4934.
#2	1010.	999.7	982.7	936.0	969.3	5034.	4936.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1017.	970.2					
SDev	7.	.2					
%RSD	.6956	.0215					
#1	1012.	970.3					
#2	1022.	970.0					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1140	--	--	--	--	--	--
SDev	1.821542	--	--	--	--	--	--
%RSD	.1597698	--	--	--	--	--	--
#1	1139	--	--	--	--	--	--
#2	1141	--	--	--	--	--	--

Method:	SW846	Sample Name:	lb 460-89326/1-b	Operator:			
Run Time:	10/13/11 16:37:08						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.93	1.994	3.596	-.6452	.1689	-.3122	2.400
SDev	.22	.805	1.026	.0000	.0596	.0539	.778
%RSD	.8809	40.37	28.55	.0000	35.27	17.26	32.40
#1	-25.08	1.425	4.321	-.6452	.1268	-.2741	1.850
#2	-24.77	2.563	2.870	-.6452	.2110	-.3503	2.950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5203	-.3234	1.275	2.992	10.50	-.2679	-.9221
SDev	.1165	.0958	.113	5.456	1.19	.0498	.9355
%RSD	22.39	29.61	8.857	182.3	11.32	18.58	101.5
#1	-.6026	-.2557	1.195	-.8658	11.34	-.2327	-1.584
#2	-.4379	-.3911	1.355	6.851	9.657	-.3031	-.2605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.25	.4687	2.301	-.7632	371.9	-5.263	.0488
SDev	2.15	.5341	.431	1.3065	19.0	1.544	.4018
%RSD	5.764	113.9	18.72	171.2	5.106	29.34	823.4
#1	38.77	.0911	2.606	.1606	385.3	-4.171	-.2353
#2	35.73	.8464	1.996	-1.687	358.4	-6.355	.3329

Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units Report	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb

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Avge	-.2978	1.531	1.677	-1.593	-.6663	4.350	1.274
SDev	.1630	.061	.439	.597	.0580	1.774	1.531
%RSD	54.74	4.013	26.15	37.49	8.710	40.77	120.2
#1	-.4131	1.487	1.987	-2.015	-.6253	3.096	2.356
#2	-.1825	1.574	1.367	-1.171	-.7074	5.605	.1908

Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	-9.461	3.569					
SDev	3.273	.325					
%RSD	34.60	9.092					
#1	-7.146	3.799					
#2	-11.78	3.340					

Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1071	--	--	--	--	--	--
SDev	3.920248	--	--	--	--	--	--
%RSD	.3659501	--	--	--	--	--	--
#1	1068	--	--	--	--	--	--
#2	1074	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 10/13/11 16:43:15
Comment:
Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	127500.	1028.	5128.	10170.	998.2	2583.	126500.
SDev	80.	8.	16.	9.	.0	4.	4.
%RSD	.0627	.8044	.3097	.0864	.0043	.1381	.0033
#1	127500.	1022.	5117.	10170.	998.1	2581.	126500.
#2	127600.	1034.	5140.	10180.	998.2	2586.	126500.

Errors High	LC Pass 138000.	LC Pass 1104.	LC Pass 5520.	LC Pass 11040.	LC Pass 1104.	LC Pass 2760.	LC Pass 138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	5117.	2541.	12800.	99420.	128600.	5212.	2588.
SDev	1.	2.	10.	6.	84.	1.	5.
%RSD	.0130	.0718	.0776	.0056	.0650	.0266	.2070
#1	5116.	2542.	12790.	99420.	128500.	5211.	2584.
#2	5117.	2539.	12810.	99420.	128600.	5213.	2592.

Errors High	LC Pass 5520.	LC Pass 2760.	LC Pass 13800.	LC Pass 110400.	LC Pass 138000.	LC Pass 5522.	LC Pass 2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49240.	1266.	10410.	5200.	124000.	5196.	2553.
SDev	208.	1.	28.	11.	136.	28.	1.
%RSD	.4215	.0514	.2662	.2145	.1093	.5441	.0536
#1	49090.	1265.	10390.	5192.	123900.	5176.	2552.
#2	49380.	1266.	10430.	5208.	124100.	5216.	2554.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2587.	1039.	2570.	989.6	10030.	10520.	10360.
SDev	1.	2.	2.	3.2	6.	34.	25.
%RSD	.0504	.1994	.0616	.3280	.0604	.3225	.2377
#1	2586.	1037.	2571.	991.9	10030.	10490.	10340.
#2	2588.	1040.	2569.	987.3	10040.	10540.	10380.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem 1960/1 1960/2 ☐ Analysis Report 10/13/11 04:49:19
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Units	ppb	ppb
Avge	5306.	5147.
SDev	23.	5.
%RSD	.4351	.1010
#1	5290.	5143.
#2	5322.	5151.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1047	--	--	--	--	--	--
SDev	1.148358	--	--	--	--	--	--
%RSD	.1097214	--	--	--	--	--	--
#1	1047	--	--	--	--	--	--
#2	1046	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 10/13/11 16:49:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-30.35	.6760	1.777	-.0234	.2257	-.1060	-.8887
SDev	2.19	.3368	.989	.8794	.0160	.0061	.9168
%RSD	7.222	49.82	55.68	3764.	7.101	5.777	103.2
#1	-31.90	.4379	1.077	.5984	.2370	-.1103	-.2404
#2	-28.80	.9141	2.477	-.6452	.2143	-.1016	-1.537

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8050	-.1120	1.689	-5.120	20.16	-.1694	-.2713

SDev	.1955	.0000	.014	.685	6.76	.0955	1.1100
%RSD	24.29	.0366	.8438	13.38	33.52	56.40	409.2
#1	-.6668	-.1119	1.679	-4.636	24.94	-.1019	.5136
#2	-.9433	-.1120	1.699	-5.605	15.38	-.2370	-1.056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.07	.8872	.4858	-.7975	31.35	.5757	.3277
SDev	5.20	.3861	.1539	.4112	96.02	3.644	.0046
%RSD	11.05	43.52	31.69	51.57	306.3	632.9	1.387
#1	50.74	1.160	.5946	-.5067	99.25	3.152	.3309
#2	43.39	.6142	.3769	-1.088	-36.55	-2.001	.3244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2759	1.702	1.287	-2.632	-.1776	.8652	.2936
SDev	.2563	.190	.901	.103	.2464	.6321	.5444
%RSD	92.86	11.15	70.03	3.904	138.7	73.06	185.4
#1	-.0947	1.836	1.925	-2.559	-.0034	.4182	.6785
#2	-.4571	1.567	.6499	-2.705	-.3518	1.312	-.0914
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.596	-2.502					
SDev	.785	1.008					
%RSD	30.23	40.31					
#1	2.041	-1.789					
#2	3.151	-3.215					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1083	--	--	--	--	--	--
SDev	1.742304	--	--	--	--	--	--
%RSD	.1609132	--	--	--	--	--	--
#1	1084	--	--	--	--	--	--
#2	1082	--	--	--	--	--	--

Method: SW846 Sample Name: mb 460-89155/1-a@2 Operator:
Run Time: 10/13/11 16:55:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-35.14	.4178	2.283	-.6452	.2323	-.0097	-5.700
SDev	1.32	.4664	.676	.0000	.0179	.0194	.179
%RSD	3.771	111.6	29.61	.0000	7.693	199.6	3.139
#1	-34.20	.0880	2.761	-.6452	.2196	.0040	-5.573
#2	-36.07	.7476	1.805	-.6452	.2449	-.0234	-5.826

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7816	-.2432	1.200	-6.906	6.446	-.3418	-.7315
SDev	.0005	.0010	.272	3.325	2.137	.0480	.0555
%RSD	.0674	.3943	22.64	48.15	33.15	14.04	7.580
#1	-.7820	-.2425	1.392	-9.257	7.957	-.3757	-.6923
#2	-.7812	-.2439	1.008	-4.555	4.935	-.3078	-.7707

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.70	.8303	-1.394	-3.138	-103.9	.9014	-.0218
SDev	4.27	.5831	1.010	1.825	32.0	.7810	.0034
%RSD	9.148	70.22	72.45	58.16	30.82	86.64	15.59
#1	43.68	1.243	-.6799	-4.429	-126.5	1.454	-.0194
#2	49.72	.4180	-2.108	-1.848	-81.23	.3492	-.0243

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.109	.3121	.1955	-.1342	-.4074	-2.099	-1.046
SDev	.343	.3784	.5586	1.9795	.1508	2.842	2.933
%RSD	30.87	121.2	285.8	1475.	37.03	135.4	280.4
#1	-.8672	.5797	.5905	1.266	-.5140	-4.109	1.028
#2	-1.352	.0445	-.1995	-1.534	-.3007	-.0894	-3.120

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3609	-4.535					
SDev	4.1152	.682					
%RSD	1140.	15.04					
#1	-3.271	-5.017					
#2	2.549	-4.052					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	1.306749	--	--	--	--	--	--
%RSD	.1194604	--	--	--	--	--	--
#1	1095	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Sample Name: mb 460-89130/1-a@2 Operator:
 Run Time: 10/13/11 17:01:38
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-36.96	.2260	-.0453	-1.385	.2291	-.3106	-5.109
SDev	.74	.3236	.1327	.697	.0113	.2334	.551
%RSD	1.990	143.2	292.9	50.34	4.928	75.14	10.79
#1	-36.44	.4548	-.1392	-.8920	.2371	-.1456	-4.720
#2	-37.48	-.0028	.0485	-1.878	.2211	-.4756	-5.499
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6435	-.3795	1.207	.1817	6.721	-.3078	-.1083
SDev	.8945	.0006	.006	13.35	2.452	.0956	.8307
%RSD	139.0	.1474	.4775	7345.	36.48	31.04	767.4
#1	-.0110	-.3798	1.211	9.620	8.455	-.2403	-.6957
#2	-1.276	-.3791	1.203	-9.257	4.988	-.3754	.4792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	59.95	.7368	-.3139	-2.329	86.64	.7028	.2006
SDev	3.84	.6892	.0111	1.132	15.31	2.265	.6306
%RSD	6.408	93.55	3.522	48.60	17.67	322.3	314.3
#1	62.67	1.224	-.3217	-3.130	97.47	2.305	.6465
#2	57.23	.2494	-.3060	-1.529	75.82	-.8991	-.2452
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8616	.7576	-.2395	-1.601	-.4727	-1.199	.1241
SDev	.6954	.3772	.8962	1.371	.0008	1.777	.8706
%RSD	80.71	49.79	374.2	85.62	.1771	148.2	701.6
#1	-.3699	1.024	-.8732	-.6317	-.4733	-2.456	.7397
#2	-1.353	.4909	.3943	-2.570	-.4721	.0573	-.4915
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.051	-2.478					
SDev	.313	1.541					
%RSD	15.27	62.18					
#1	-2.272	-3.568					
#2	-1.829	-1.389					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	.7524230	--	--	--	--	--	--
%RSD	.0688414	--	--	--	--	--	--

#1	1092	--	--	--	--	--	--
#2	1094	--	--	--	--	--	--

Method: SW846 Sample Name: mb 460-88744/1-a@2 Operator:
Run Time: 10/13/11 17:07:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-34.08	1.429	3.057	-.6452	.1938	-.0399	-6.289
SDev	1.31	.772	1.138	.0000	.0328	.0141	.325
%RSD	3.842	54.04	37.22	.0000	16.92	35.48	5.163

#1	-35.01	.8828	3.862	-.6452	.1706	-.0499	-6.059
#2	-33.15	1.975	2.252	-.6452	.2170	-.0299	-6.518

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6798	-.3085	.8251	-6.323	8.085	-.3106	-.7003
SDev	.6106	.6720	.0653	3.945	4.918	.0026	.6242
%RSD	89.83	217.8	7.915	62.39	60.83	.8239	89.14

#1	-1.112	-.7836	.7790	-3.533	4.607	-.3088	-1.142
#2	-.2480	.1667	.8713	-9.112	11.56	-.3124	-.2589

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.82	.9945	-1.053	-1.211	-40.37	.0380	-.0285
SDev	15.68	.9304	1.216	1.284	117.27	3.172	.4745
%RSD	68.71	93.56	115.5	106.0	290.5	8352.	1668.

#1	33.91	.3366	-1.913	-.3033	-123.3	-2.205	-.3639
#2	11.74	1.652	-.1934	-2.119	42.55	2.281	.3070

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2274	.7521	-.1716	-3.797	-.4215	-1.489	-.8394
SDev	.1208	1.120	.6858	1.690	.1281	2.236	.7065
%RSD	53.10	148.9	399.7	44.50	30.39	150.2	84.16

#1	-.1420	-.0400	-.6565	-2.602	-.5120	-3.071	-1.339	Analysis page 31
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#2	-.3128	1.544	.3133	-4.992	-.3309	.0920	-.3399

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.163	-1.245
SDev	5.420	.781
%RSD	466.0	62.78

#1	2.669	-1.797
#2	-4.996	-.6921

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1104	--	--	--	--	--	--
SDev	10.25590	--	--	--	--	--	--
%RSD	.9287305	--	--	--	--	--	--
#1	1097	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 10/13/11 17:13:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report								Analysis
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Avge	126600.	1019.	5064.	10070.	988.7	2561.	125100.	
SDev	147.	1.	2.	8.	.3	3.	67.	
%RSD	.1165	.0562	.0347	.0825	.0317	.1269	.0534	
#1	126500.	1019.	5065.	10070.	988.5	2559.	125000.	
#2	126700.	1019.	5062.	10080.	988.9	2563.	125100.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.	
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5062.	2516.	12700.	98380.	127500.	5154.	2565.	
SDev	2.	.	12.	32.	175.	1.	4.	
%RSD	.0377	.0108	.0913	.0329	.1376	.0111	.1677	
#1	5060.	2515.	12690.	98360.	127400.	5154.	2562.	
#2	5063.	2516.	12710.	98400.	127700.	5154.	2568.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.	
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	48730.	1254.	10300.	5132.	123100.	5141.	2528.	
SDev	99.	.	8.	2.	296.	3.	1.	
%RSD	.2031	.0102	.0766	.0336	.2408	.0504	.0367	
#1	48800.	1253.	10290.	5130.	122900.	5142.	2527.	
#2	48660.	1254.	10310.	5133.	123300.	5139.	2528.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.	
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2554.	1032.	2538.	983.6	9947.	10390.	10260.	
SDev	.	3.	4.	1.4	7.	3.	11.	
%RSD	.0057	.2767	.1730	.1394	.0703	.0249	.1027	
#1	2554.	1034.	2535.	984.6	9942.	10380.	10250.	
#2	2554.	1030.	2541.	982.6	9952.	10390.	10260.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	2760.	1104.	2760.	1104.	11040.			
Low	2239.	896.0	2239.	896.0	8960.			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	5238.	5078.						
SDev	4.	.						

%RSD	.0810	.0093	
#1 PM	5235. page 34	5078.	□□Analysis Report
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#2	5241.	5079.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1059	--	--	--	--	--	--
SDev	.7919561	--	--	--	--	--	--
%RSD	.0748139	--	--	--	--	--	--
#1	1058	--	--	--	--	--	--
#2	1059	--	--	--	--	--	--

Method: SW846	Sample Name: CCB	Operator:
Run Time: 10/13/11 17:20:04		
Comment:		
Mode: CONC	Corr. Factor: 1	

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-21.78	.4011	1.146	.7800	.3003	.1663	7.272	
SDev	6.00	.0346	.340	.9643	.0120	.0797	1.813	
%RSD	27.53	8.623	29.66	123.6	4.011	47.89	24.94	
#1	-26.02	.4256	1.387	.0981	.3088	.1100	5.989	
#2	-17.54	.3767	.9060	1.462	.2918	.2227	8.554	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.4479	.2299	2.348	12.44	22.01	.2354	-.1889	□□Analysis
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SDev	.4689	.0964	.145	.01	1.55	.0003	.0273
%RSD	104.7	41.92	6.180	.0425	7.046	.1363	14.46
#1	-.7794	.1618	2.245	12.44	23.11	.2351	-.1696
#2	-.1163	.2981	2.450	12.43	20.92	.2356	-.2082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.64	.8411	.2849	-2.975	-53.57	1.623	.3208
SDev	6.94	.4142	.3869	3.748	26.42	.057	.1574
%RSD	14.88	49.24	135.8	126.0	49.32	3.484	49.07
#1	51.55	1.134	.0114	-.3252	-34.89	1.663	.4321
#2	41.73	.5482	.5585	L-5.625	-72.25	1.583	.2094
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	50.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1088	1.651	.7695	-1.661	.6459	-3.255	2.048
SDev	.0017	.633	.3525	.223	.0610	.554	.857
%RSD	1.597	38.32	45.82	13.45	9.450	17.02	41.82

#1	-.1101	2.098	.5202	-1.819	.6027	-2.863	1.443
#2	-.1076	1.204	1.019	-1.503	.6890	-3.647	2.654
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.496	-2.725
SDev	4.341	3.451
%RSD	124.2	126.6

#1	-.4259	-.2846
#2	-6.566	-5.165

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	.3959349	--	--	--	--	--	--
%RSD	.0363940	--	--	--	--	--	--
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Analysis

#1	1088	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Sample Name: CAL_BLK Acquired: 10/15/2011 2:51:57 Type: Cal
Method: SW84610142011(v2) 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	-.0017	.0001	-.0003	.0003	-.0008	-.0073
Stddev	.0002	.0002	.0003	.0001	.0006	.0006
%RSD	12.01	110.5	75.05	44.92	76.96	7.847

#1	-.0019	.0001	-.0001	.0002	-.0011	-.0080
#2	-.0015	.0000	-.0006	.0004	-.0001	-.0070
#3	-.0017	.0003	-.0003	.0003	-.0012	-.0071

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	-.0007	.0001	.0013	.0000	-.0205
Stddev	.0002	.0001	.0000	.0004	.000	.0008
%RSD	38.38	20.31	17.42	35.03	455.8	3.953

#1	-.0003	-.0006	.0001	.0016	.0000	-.0209
#2	-.0006	-.0008	.0001	.0008	.0001	-.0196
#3	-.0005	-.0008	.0001	.0015	-.0001	-.0211

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0001	.0001	.0062	-.0003	.0002	.0002
Stddev	.0000	.0001	.0018	.0003	.0003	.0002
%RSD	20.25	69.85	28.94	97.70	150.7	139.2

#1	-.0001	.0000	.0042	-.0001	.0001	.0001
#2	-.0002	.0001	.0075	-.0006	.0000	.0000
#3	-.0001	.0001	.0070	-.0002	.0005	.0004

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	-.0004	.0001	.0008	.0002	-.0005
Stddev	.0002	.0002	.0001	.0002	.0002	.0001
%RSD	473.4	57.59	91.66	22.00	87.10	18.21

#1	-.0001	-.0003	.0001	.0011	.0000	-.0005
#2	.0002	-.0006	.0000	.0007	.0002	-.0004
#3	.0000	-.0002	.0001	.0007	.0004	-.0006

Sample Name: CAL_BLK Acquired: 10/15/2011 2:51:57 Type: Cal
Method: SW84610142011(v2) Mode: IR 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	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0054	-.0010
Stddev	.0000	.0005	.0007
%RSD	3.703	8.982	71.00

#1	.0003	-.0057	-.0019
#2	.0003	-.0048	-.0005
#3	.0003	-.0056	-.0008

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2090.7	34188.	4518.8
Stddev	.8	144.	6.9
%RSD	.03651	.41992	.15330

#1	2091.6	34354.	4524.4
#2	2090.2	34109.	4520.9
#3	2090.4	34102.	4511.0

Sample Name: DCAL1 Acquired: 10/15/2011 2:55:40 Type: Cal
Method: SW84610142011(v2) 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	.0186	.0004	.0027	.7062	.0156	.3806
Stddev	.0005	.0001	.0002	.0024	.0004	.0006
%RSD	2.506	27.26	9.021	.3414	2.390	.1658

#1	.0183	.0004	.0029	.7089	.0159	.3802
#2	.0185	.0003	.0024	.7051	.0152	.3813
#3	.0192	.0005	.0027	.7045	.0157	.3803

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	.0201	.0736	.0026	.0061	.0016	.2347
Stddev	.0001	.0004	.0000	.0008	.0001	.0015
%RSD	.7384	.5981	1.152	12.84	3.874	.6317

#1	.0202	.0741	.0026	.0066	.0017	.2337
#2	.0199	.0732	.0027	.0052	.0016	.2339
#3	.0201	.0735	.0026	.0066	.0016	.2364

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.1594	.0306	.7139	.0507	.0020	.0018
Stddev	.0001	.0001	.0026	.0002	.0002	.0003
%RSD	.0800	.3765	.3670	.3988	11.04	16.53

#1	.1595	.0305	.7109	.0507	.0018	.0016
#2	.1593	.0307	.7149	.0509	.0022	.0016
#3	.1594	.0307	.7159	.0505	.0021	.0021

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.0007	.0015	.0126	.0464	.0243	.0201
Stddev	.0001	.0001	.0001	.0003	.0003	.0003
%RSD	11.25	7.864	1.168	.6293	1.269	1.454

#1	.0007	.0014	.0126	.0467	.0244	.0200
#2	.0007	.0016	.0127	.0462	.0246	.0198
#3	.0008	.0016	.0124	.0464	.0240	.0204

Sample Name: DCAL1 Acquired: 10/15/2011 2:55:40 Type: Cal
Method: SW84610142011(v2) Mode: IR 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	Cts/S	Cts/S	Cts/S
Avg	.0112	.2223	.0160
Stddev	.0001	.0017	.0007
%RSD	.9468	.7668	4.210

#1	.0113	.2213	.0165
#2	.0113	.2243	.0163
#3	.0111	.2214	.0152

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2070.1	33814.	4485.4
Stddev	5.0	128.	6.3
%RSD	.24243	.37941	.14083

#1	2064.5	33703.	4487.7
#2	2071.6	33784.	4478.2
#3	2074.2	33954.	4490.2

Sample Name: DCAL2 Acquired: 10/15/2011 2:59:19 Type: Cal
Method: SW84610142011(v2) 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	2.306	.0455	.0701	7.007	1.617	1.923
Stddev	.003	.0002	.0003	.028	.002	.007
%RSD	.1290	.5149	.4518	.3956	.1020	.3669

#1	2.303	.0457	.0703	7.039	1.616	1.928
#2	2.309	.0456	.0698	6.992	1.619	1.926
#3	2.305	.0453	.0703	6.990	1.615	1.915

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	1.261	.7375	.2402	.5253	.2072	.4810
Stddev	.004	.0028	.0006	.0002	.0004	.0017
%RSD	.3428	.3743	.2508	.0329	.1790	.3542

#1	1.266	.7406	.2406	.5251	.2071	.4829
#2	1.258	.7356	.2395	.5254	.2069	.4796
#3	1.259	.7362	.2404	.5253	.2076	.4806

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.7793	1.987	3.520	.6205	.5332	.0383
Stddev	.0024	.006	.007	.0026	.0022	.0002
%RSD	.3022	.2890	.1954	.4190	.4148	.5125

#1	.7793	1.993	3.514	.6234	.5356	.0385
#2	.7769	1.981	3.528	.6185	.5313	.0381
#3	.7816	1.988	3.519	.6195	.5326	.0384

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.0440	.0862	.1255	.7391	.1060	.5243
Stddev	.0001	.0004	.0002	.0020	.0002	.0023
%RSD	.2340	.4562	.1472	.2696	.2225	.4309

#1	.0439	.0867	.1253	.7414	.1062	.5269
#2	.0441	.0860	.1257	.7377	.1061	.5228
#3	.0441	.0860	.1255	.7383	.1057	.5232

Sample Name: DCAL2 Acquired: 10/15/2011 2:59:19 Type: Cal
Method: SW84610142011(v2) Mode: IR 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	Cts/S	Cts/S	Cts/S
Avg	.0439	11.33	1.596
Stddev	.0003	.04	.004
%RSD	.7342	.3443	.2268

#1	.0442	11.36	1.595
#2	.0439	11.35	1.600
#3	.0436	11.29	1.592

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2042.3	33516.	4507.5
Stddev	11.8	208.	27.9
%RSD	.57859	.61995	.61836

#1	2028.8	33293.	4485.5
#2	2047.3	33705.	4498.1
#3	2050.8	33549.	4538.9

Sample Name: DCAL3 Acquired: 10/15/2011 3:02:56 Type: Cal
Method: SW84610142011(v2) 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	11.43	.2336	.3587	34.52	7.912	9.309
Stddev	.05	.0007	.0012	.09	.025	.035
%RSD	.4337	.2925	.3362	.2678	.3198	.3743

#1	11.37	.2330	.3574	34.43	7.884	9.270
#2	11.45	.2336	.3598	34.51	7.922	9.322
#3	11.46	.2343	.3590	34.62	7.931	9.336

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	6.175	3.603	1.176	2.569	1.012	2.483
Stddev	.017	.011	.004	.007	.004	.011
%RSD	.2749	.3134	.3191	.2721	.3461	.4391

#1	6.159	3.592	1.172	2.561	1.009	2.473
#2	6.173	3.603	1.178	2.570	1.013	2.482
#3	6.193	3.615	1.178	2.575	1.015	2.494

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	3.922	9.664	17.48	3.013	2.568	.1964
Stddev	.015	.022	.04	.011	.008	.0006
%RSD	.3932	.2313	.2473	.3554	.3019	.2828

#1	3.904	9.638	17.43	3.004	2.561	.1963
#2	3.930	9.679	17.50	3.009	2.565	.1959
#3	3.932	9.674	17.50	3.025	2.576	.1970

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.2257	.4056	.6258	3.639	.5312	2.627
Stddev	.0012	.0013	.0017	.011	.0016	.010
%RSD	.5318	.3104	.2704	.2951	.3064	.3823

#1	.2246	.4048	.6239	3.631	.5294	2.617
#2	.2256	.4051	.6262	3.635	.5314	2.626
#3	.2270	.4071	.6273	3.651	.5326	2.637

Sample Name: DCAL3 Acquired: 10/15/2011 3:02:56 Type: Cal
Method: SW84610142011(v2) Mode: IR 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	Cts/S	Cts/S	Cts/S
Avg	.2153	55.97	7.920
Stddev	.0010	.18	.018
%RSD	.4471	.3275	.2301

#1	.2142	55.77	7.900
#2	.2157	56.00	7.928
#3	.2159	56.13	7.934

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1919.3	31783.	4477.1
Stddev	4.6	38.	22.8
%RSD	.24142	.11853	.50964

#1	1921.2	31794.	4503.5
#2	1922.7	31741.	4464.8
#3	1914.0	31814.	4463.1

Sample Name: DCAL4 Acquired: 10/15/2011 3:06:20 Type: Cal
Method: SW84610142011(v2) 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	23.10	.4844	.7384	68.61	15.75	18.01
Stddev	.04	.0006	.0004	.07	.01	.03
%RSD	.1897	.1192	.0587	.0977	.0864	.1672

#1	23.05	.4850	.7387	68.68	15.73	17.98
#2	23.11	.4841	.7386	68.56	15.76	18.04
#3	23.14	.4840	.7379	68.57	15.76	18.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	12.38	7.200	2.325	5.130	2.001	5.037
Stddev	.02	.010	.002	.003	.001	.009
%RSD	.1741	.1426	.0864	.0663	.0657	.1796

#1	12.40	7.209	2.325	5.127	2.002	5.027
#2	12.37	7.189	2.326	5.134	2.001	5.045
#3	12.37	7.201	2.323	5.130	1.999	5.040

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	7.802	18.66	34.82	5.991	5.108	.4034
Stddev	.018	.11	.03	.011	.010	.0016
%RSD	.2242	.5800	.0975	.1802	.1910	.3899

#1	7.784	18.74	34.79	6.004	5.119	.4051
#2	7.803	18.70	34.84	5.985	5.100	.4020
#3	7.819	18.54	34.84	5.984	5.104	.4031

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	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	.4665	.7985	1.251	7.265	1.087	5.272
Stddev	.0009	.0003	.000	.014	.002	.002
%RSD	.1838	.0354	.0328	.1934	.1469	.0440

#1	.4675	.7981	1.250	7.281	1.088	5.274
#2	.4658	.7986	1.251	7.255	1.086	5.270
#3	.4662	.7986	1.250	7.260	1.085	5.271

Sample Name: DCAL4 Acquired: 10/15/2011 3:06:20 Type: Cal
Method: SW84610142011(v2) Mode: IR 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	Cts/S	Cts/S	Cts/S
Avg	.4280	110.1	15.82
Stddev	.0006	.4	.02
%RSD	.1392	.3922	.1050

#1	.4286	110.2	15.80
#2	.4280	109.6	15.83
#3	.4275	110.4	15.82

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1810.9	30616.	4411.7
Stddev	6.5	60.	17.9
%RSD	.35953	.19459	.40560

#1	1804.0	30548.	4391.3
#2	1816.9	30655.	4419.0
#3	1811.8	30645.	4424.8

Sample Name: ICV Acquired: 10/15/2011 3:10:11 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2496.	1255.	10190.	1011.	128100.
Stddev	221.	1.	2.	8.	3.	403.
%RSD	.1746	.0573	.1546	.0823	.2930	.3142

#1	126400.	2497.	1253.	10200.	1008.	127900.
#2	126400.	2496.	1257.	10190.	1011.	128000.
#3	126800.	2494.	1256.	10190.	1014.	128600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1272.	2523.	5130.	12660.	102200.	49960.
Stddev	2.	4.	8.	38.	197.	236.
%RSD	.1196	.1575	.1587	.2997	.1932	.4732

#1	1273.	2528.	5120.	12640.	102000.	49770.
#2	1272.	2523.	5135.	12640.	102300.	49890.
#3	1270.	2520.	5134.	12700.	102200.	50220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	5200.	124800.	2555.	7620.	1011.
Stddev	183.	10.	95.	3.	12.	2.
%RSD	.1444	.1971	.0760	.1322	.1509	.1699

#1	126200.	5189.	124700.	2559.	7628.	1012.
#2	126600.	5202.	124700.	2554.	7624.	1012.
#3	126400.	5209.	124900.	2552.	7607.	1009.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/15/2011 3:10:11 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2454.	2577.	2534.	2518.	1002.	2536.
Stddev	6.	7.	3.	5.	3.	.
%RSD	.2566	.2786	.1191	.2139	.3019	.0059

#1	2461.	2583.	2531.	2523.	1006.	2536.
#2	2452.	2569.	2537.	2519.	1001.	2536.
#3	2448.	2578.	2535.	2513.	1001.	2536.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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.	5113.	10060.
Stddev	3.	18.	12.
%RSD	.2994	.3493	.1153

#1	1012.	5099.	10040.
#2	1013.	5107.	10070.
#3	1008.	5133.	10060.

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	1931.0	32014.	4478.4
Stddev	4.3	49.	19.9
%RSD	.22406	.15386	.44481

#1	1926.4	31994.	4462.1
#2	1931.7	31978.	4500.6
#3	1935.0	32070.	4472.4

Sample Name: CCB Acquired: 10/15/2011 3:13:32 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.73	-.9729	.5111	.4824	.1860	10.09
Stddev	3.90	1.132	.7963	.0681	.0475	4.91
%RSD	20.85	116.4	155.8	14.12	25.56	48.61

#1	23.16	.3126	.8634	.4316	.2262	8.386
#2	15.79	-1.821	-.4005	.5598	.1335	15.63
#3	17.24	-1.410	1.071	.4558	.1982	6.268

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0596	.0996	-.1986	.4599	11.26	21.13
Stddev	.0687	.2250	.3224	1.976	7.52	11.92
%RSD	115.2	226.0	162.4	429.7	66.82	56.42

#1	.0442	.0479	.0715	.3489	2.572	33.88
#2	-.0001	-.0951	-.5555	2.489	15.58	10.25
#3	.1347	.3459	-.1117	-1.458	15.62	19.27

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.525	.2481	50.46	-.2070	.8821	.9917
Stddev	1.199	.0336	6.92	.4614	.7044	1.028
%RSD	15.93	13.53	13.71	222.9	79.86	103.6

#1	7.864	.2132	55.06	-.1569	.0724	-.1217
#2	6.193	.2801	53.81	-.6914	1.354	1.904
#3	8.518	.2511	42.50	.2273	1.220	1.193

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 3:13:32 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.467	-.3675	.2383	-.0955	3.631	1.175
Stddev	1.273	.8413	.4496	.1532	.507	.369
%RSD	86.74	228.9	188.7	160.4	13.97	31.38
#1	.0232	-.5509	-.0374	-.1585	4.034	1.598
#2	1.953	.5503	.7572	.0791	3.798	1.002
#3	2.426	-1.102	-.0048	-.2071	3.061	.9239

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.1425	.2842	1.977
Stddev	.6774	.0751	.685
%RSD	475.4	26.43	34.66
#1	-.5217	.2190	2.733
#2	.1168	.3663	1.801
#3	.8324	.2672	1.397

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	2130.6	34833.	4582.6
Stddev	11.0	109.	10.6
%RSD	.51564	.31338	.23214
#1	2140.5	34708.	4594.8
#2	2132.6	34907.	4575.6
#3	2118.8	34884.	4577.4

Sample Name: IC5A 1165859 Acquired: 10/15/2011 3:17:18 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499000.	-9.144	-3050	2.506	.1274	453400.
Stddev	1093.	1.870	.4241	.021	.0585	1761.
%RSD	.2191	20.45	139.1	.8416	45.89	.3884

#1	498300.	-10.96	.0134	2.508	.0603	454100.
#2	498500.	-9.256	-.7865	2.485	.1676	451400.
#3	500300.	-7.221	-.1420	2.527	.1543	454700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1912	.0257	3.598	-5.291	196100.	-4.114
Stddev	.1245	.1177	.315	2.266	537.	7.542
%RSD	65.11	457.2	8.750	42.82	.2736	183.3

#1	-.1280	.1251	3.910	-3.308	196300.	-1.528
#2	-.3346	-.1043	3.604	-7.761	196600.	1.794
#3	-.1109	.0564	3.280	-4.805	195500.	-12.61

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	509100.	.0667	-90.92	-.7477	-2.450	-2.061
Stddev	2022.	.1356	12.25	.6797	1.486	5.161
%RSD	.3973	203.3	13.48	90.90	60.65	250.4

#1	507500.	.1910	-105.0	-1.128	-3.252	-7.724
#2	511300.	-.0780	-85.49	-1.152	-3.363	2.379
#3	508400.	.0872	-82.33	.0370	-.7356	-.8392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1165859 Acquired: 10/15/2011 3:17:18 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.906	-7.943	-1.475	-6.865	-2.574	-2.850
Stddev	1.885	2.807	.434	.2722	.217	.633
%RSD	989.4	35.34	29.43	39.65	8.426	22.20
#1	-6.136	-5.660	-1.922	-7.821	-2.791	-2.128
#2	1.870	-7.092	-1.446	-8.981	-2.358	-3.306
#3	-1.828	-11.08	-1.055	-3.794	-2.574	-3.117

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

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	-2.295	15.73	1.768
Stddev	.9606	.06	1.179
%RSD	418.5	.3882	66.71
#1	-5.685	15.73	.4903
#2	.8546	15.79	1.999
#3	-.9747	15.66	2.815

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	1903.6	30202.	4417.9
Stddev	5.4	161.	19.9
%RSD	.28474	.53277	.44937
#1	1898.2	30061.	4396.6
#2	1903.6	30167.	4435.9
#3	1909.0	30377.	4421.2

Sample Name: ICSAB 1165868 Acquired: 10/15/2011 3:21:02 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499300.	91.64	105.9	99.75	100.1	454600.
Stddev	1856.	4.84	1.1	.52	.2	839.
%RSD	.3718	5.277	1.057	.5254	.1885	.1845

#1	499600.	97.13	104.8	99.45	100.0	454500.
#2	497200.	89.76	106.0	99.45	100.3	453800.
#3	500900.	88.02	107.1	100.4	99.97	455500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94.34	94.83	103.9	98.37	197300.	10300.
Stddev	.06	.30	.9	1.33	569.	33.
%RSD	.0648	.3156	.8414	1.350	.2882	.3161

#1	94.37	94.72	104.8	97.80	197200.	10320.
#2	94.27	95.17	103.6	99.89	196700.	10310.
#3	94.38	94.60	103.2	97.43	197900.	10260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	510900.	103.6	10150.	93.73	90.90	94.65
Stddev	1993.	.2	27.	.12	1.54	3.18
%RSD	.3900	.1462	.2659	.1246	1.693	3.355

#1	509500.	103.7	10160.	93.79	90.97	97.17
#2	510100.	103.5	10120.	93.60	89.33	91.08
#3	513200.	103.5	10170.	93.81	92.41	95.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 10/15/2011 3:21:02 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	94.81	84.07	98.57	93.78	92.73	92.58
Stddev	3.50	2.62	.64	.11	.64	.57
%RSD	3.697	3.110	.6484	.1198	.6907	.6110
#1	93.71	81.09	97.84	93.68	93.06	92.10
#2	91.99	85.99	98.83	93.74	93.14	92.44
#3	98.74	85.13	99.03	93.90	92.00	93.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	89.87	117.1	99.89
Stddev	1.82	.4	.33
%RSD	2.022	.3738	.3278
#1	91.94	117.5	99.61
#2	89.11	116.9	99.81
#3	88.56	116.7	100.2

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	1902.0	30124.	4404.3
Stddev	7.1	95.	30.5
%RSD	.37128	.31537	.69166
#1	1902.2	30029.	4387.9
#2	1908.9	30123.	4439.5
#3	1894.8	30219.	4385.6

Sample Name: INT-10 1165870 Acquired: 10/15/2011 3:24:37 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.66	-1.205	.0835	-1.376	-1.715	89.46
Stddev	11.71	2.204	.1298	.129	.093	13.67
%RSD	21.83	182.8	155.4	9.382	5.409	15.28

#1	50.90	-2.202	.0413	-1.292	-1.613	94.43
#2	66.50	-2.735	.2292	-1.310	-1.794	99.95
#3	43.57	1.321	-.0199	-1.524	-1.738	74.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9605	10790.	10120.	-11.19	-40.58	47.37
Stddev	.0817	44.	29.	2.86	8.02	36.08
%RSD	8.506	.4086	.2819	25.54	19.76	76.16

#1	-.9994	10840.	10110.	-13.72	-37.94	88.46
#2	-.8666	10790.	10150.	-11.77	-49.58	20.84
#3	-1.015	10750.	10090.	-8.092	-34.21	32.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124.7	10460.	43.56	10930.	-2.492	-8.797
Stddev	12.5	79.	6.85	41.	1.364	1.844
%RSD	10.05	.7539	15.72	.3753	54.76	20.96

#1	138.7	10430.	39.23	10980.	-2.489	-6.694
#2	121.1	10550.	51.46	10930.	-3.857	-10.14
#3	114.4	10400.	39.99	10900.	-1.129	-9.562

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 10/15/2011 3:24:37 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.316	-19.05	4933.	-3.610	1.041	5063.
Stddev	2.577	1.32	11.	.118	.391	14.
%RSD	195.8	6.946	.2147	3.282	37.58	.2833
#1	2.016	-19.70	4931.	-3.474	1.240	5079.
#2	3.471	-19.91	4945.	-3.664	1.293	5061.
#3	-1.538	-17.53	4924.	-3.692	.5905	5050.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	10300.	10020.	9780.
Stddev	55.	34.	23.
%RSD	.5299	.3434	.2316
#1	10350.	9982.	9755.
#2	10300.	10030.	9784.
#3	10240.	10050.	9800.

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	2013.4	34693.	4574.0
Stddev	8.8	120.	24.0
%RSD	.43907	.34574	.52549
#1	2005.8	34726.	4601.1
#2	2011.3	34559.	4555.2
#3	2023.1	34792.	4565.8

Sample Name: 460-31902-A-7-F DU Acquired: 10/15/2011 3:28:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.46	-2.875	1.129	9.793	.1493	20010.
Stddev	9.49	1.776	1.068	.123	.1001	12.
%RSD	20.88	61.80	94.61	1.256	67.07	.0619

#1	44.12	-2.275	2.358	9.914	.1189	20000.
#2	55.55	-4.874	.4387	9.797	.2611	20010.
#3	36.71	-1.476	.5885	9.668	.0679	20020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1123	1.185	4.528	-.2210	20.52	1888.
Stddev	.0852	.747	.378	.6492	8.40	37.
%RSD	75.89	63.05	8.337	293.8	40.94	1.972

#1	.2104	2.034	4.908	.0131	20.07	1895.
#2	.0566	.8909	4.521	.2787	29.14	1922.
#3	.0699	.6295	4.154	-.9548	12.36	1848.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7382.	180.0	7534.	2.402	.0761	1.412
Stddev	16.	.4	3.	.525	.8437	.381
%RSD	.2100	.2076	.0376	21.86	1109.	26.98

#1	7364.	180.2	7538.	2.965	-.4361	1.084
#2	7388.	179.6	7533.	2.315	1.050	1.322
#3	7393.	180.3	7532.	1.926	-.3855	1.831

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-7-F DU Acquired: 10/15/2011 3:28:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.010	.5017	.2800	1.486	196.2	2.278
Stddev	2.038	.9281	.2782	.256	.4	1.117
%RSD	67.70	185.0	99.36	17.21	.2061	49.05
#1	1.597	1.510	.5736	1.273	195.9	3.507
#2	2.087	-.3161	.2464	1.769	196.6	2.005
#3	5.346	.3107	.0201	1.414	196.0	1.323

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.907	42.86	3.625
Stddev	.674	.23	1.662
%RSD	35.35	.5311	45.86
#1	2.224	43.09	5.100
#2	1.133	42.87	3.952
#3	2.365	42.63	1.824

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	2117.7	34851.	4650.5
Stddev	3.8	55.	12.6
%RSD	.18146	.15853	.27038
#1	2120.5	34792.	4649.6
#2	2113.3	34901.	4663.4
#3	2119.4	34860.	4638.3

Sample Name: 460-31902-A-7-E Acquired: 10/15/2011 3:32:09 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.92	-3.784	.4410	9.867	-.0193	20030.
Stddev	9.99	.806	1.083	.079	.0805	28.
%RSD	24.40	21.30	245.5	.7987	416.2	.1410

#1	49.11	-4.709	1.130	9.947	.0202	20000.
#2	29.80	-3.235	-.8069	9.790	-.1119	20040.
#3	43.84	-3.407	.9997	9.865	.0337	20050.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0282	.8353	3.286	1.697	12.47	1846.
Stddev	.0379	.2767	.221	2.353	5.98	67.
%RSD	134.5	33.12	6.717	138.6	47.95	3.642

#1	.0043	1.112	3.459	4.406	10.80	1771.
#2	.0718	.5589	3.037	.1563	19.10	1868.
#3	.0084	.8347	3.361	.5305	7.498	1900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7401.	180.1	7525.	1.817	.3485	1.322
Stddev	15.	.6	36.	.238	1.196	1.813
%RSD	.1992	.3357	.4765	13.11	343.2	137.2

#1	7406.	180.8	7491.	1.759	.5137	.0461
#2	7384.	179.6	7522.	2.079	-.9215	3.398
#3	7412.	180.0	7562.	1.613	1.453	.5224

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-7-E Acquired: 10/15/2011 3:32:09 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.3281	-.1313	.1037	1.369	197.2	.4662
Stddev	1.107	1.557	.1836	.030	.7	.0834
%RSD	337.4	1185.	177.0	2.219	.3655	17.89
#1	-1.319	-.9966	.1990	1.370	197.1	.5579
#2	-.5310	-1.063	-.1079	1.338	198.0	.4460
#3	.8662	1.666	.2201	1.399	196.5	.3948

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.082	42.35	2.526
Stddev	.565	.09	.593
%RSD	52.20	.2186	23.45
#1	1.734	42.25	1.894
#2	.7307	42.42	3.069
#3	.7818	42.40	2.617

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	2111.8	34773.	4629.6
Stddev	6.3	197.	13.3
%RSD	.29887	.56759	.28635
#1	2110.1	34546.	4642.9
#2	2106.6	34874.	4616.3
#3	2118.8	34899.	4629.7

Sample Name: SD 460-31902-A-7-E@5 Acquired: 10/15/2011 3:35:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.09	-1.937	-1.689	1.966	.1234	4076.
Stddev	5.27	1.133	.5588	.040	.0896	5.
%RSD	20.21	58.50	330.9	2.028	72.60	.1223

#1	20.12	-.6344	.0241	1.937	.1049	4074.
#2	28.04	-2.694	.2678	1.950	.0446	4073.
#3	30.12	-2.483	-.7986	2.012	.2209	4082.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0331	.2625	.6143	-1.945	9.714	374.7
Stddev	.0178	.2236	.3634	1.608	4.768	19.9
%RSD	53.83	85.21	59.15	82.64	49.09	5.297

#1	.0234	.5200	.2811	-1.370	7.641	351.8
#2	.0537	.1172	1.002	-3.761	15.17	385.1
#3	.0222	.1502	.5601	-.7045	6.333	387.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1518.	36.75	1519.	.5583	.6064	-.6712
Stddev	4.	.07	7.	.6047	.5299	.4326
%RSD	.2363	.1994	.4776	108.3	87.39	64.45

#1	1522.	36.68	1526.	.6744	.7521	-.3795
#2	1518.	36.77	1512.	1.097	.0189	-1.168
#3	1514.	36.82	1518.	-.0961	1.048	-.4659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-31902-A-7-E@5 Acquired: 10/15/2011 3:35:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.3053	-.7525	.0406	.3346	41.01	.1878
Stddev	2.335	.9008	.7302	.2013	.80	.2108
%RSD	764.7	119.7	1799.	60.17	1.941	112.2
#1	-2.268	-1.692	-.7248	.1108	40.77	.4272
#2	2.287	.1041	.1169	.5010	41.89	.0303
#3	.8978	-.6699	.7296	.3920	40.36	.1059

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.3323	8.521	1.383
Stddev	.8450	.066	.070
%RSD	254.3	.7685	5.034
#1	-1.114	8.504	1.446
#2	.5644	8.465	1.396
#3	-.4473	8.593	1.308

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	2145.8	35152.	4652.7
Stddev	4.7	37.	19.4
%RSD	.21891	.10626	.41799
#1	2141.1	35145.	4630.9
#2	2150.5	35118.	4659.0
#3	2146.0	35192.	4668.2

Sample Name: 460-31902-A-7-G MS Acquired: 10/15/2011 3:39:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2037.	1953.	49.69	2049.	50.42	40630.
Stddev	13.	3.	.10	2.	.12	85.
%RSD	.6551	.1474	.1935	.0970	.2311	.2087

#1	2025.	1955.	49.60	2048.	50.50	40570.
#2	2036.	1955.	49.67	2052.	50.46	40600.
#3	2051.	1950.	49.79	2049.	50.28	40730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.09	512.2	210.7	255.7	1061.	21460.
Stddev	.17	.5	1.2	.6	1.	44.
%RSD	.3374	.0974	.5806	.2474	.0872	.2045

#1	51.25	512.4	210.6	255.6	1061.	21420.
#2	50.91	512.5	212.0	255.1	1061.	21460.
#3	51.12	511.6	209.6	256.3	1063.	21510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27370.	714.8	27080.	520.1	521.7	500.0
Stddev	89.	1.3	42.	.5	.8	2.3
%RSD	.3243	.1860	.1537	.0975	.1488	.4613

#1	27410.	715.6	27040.	519.6	521.1	498.8
#2	27420.	715.5	27080.	520.6	522.5	502.7
#3	27260.	713.2	27120.	520.2	521.3	498.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-7-G MS Acquired: 10/15/2011 3:39:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1895.	2155.	507.4	504.2	698.2	503.5
Stddev	4.	2.	1.0	.6	.5	.6
%RSD	.2224	.0948	.2037	.1126	.0751	.1245

#1	1898.	2156.	508.2	504.1	697.6	502.9
#2	1890.	2156.	507.9	504.8	698.5	504.1
#3	1897.	2153.	506.3	503.7	698.5	503.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	506.2	535.1	506.2
Stddev	1.4	.9	2.6
%RSD	.2813	.1713	.5090

#1	504.7	534.5	503.6
#2	506.5	534.7	506.1
#3	507.5	536.2	508.8

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	2083.0	34144.	4650.4
Stddev	2.2	74.	14.8
%RSD	.10496	.21726	.31850

#1	2080.8	34087.	4660.5
#2	2085.2	34117.	4633.4
#3	2083.0	34228.	4657.2

Sample Name: PDS 460-31902-A-7-E Acquired: 10/15/2011 3:42:54 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2017.	1909.	46.05	2004.	49.32	39920.
Stddev	2.	3.	2.72	2.	.31	92.
%RSD	.0915	.1478	5.903	.1229	.6230	.2298

#1	2015.	1909.	49.19	2002.	49.68	40000.
#2	2019.	1906.	44.39	2005.	49.18	39820.
#3	2018.	1911.	44.57	2007.	49.12	39940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.98	500.7	207.1	247.4	1039.	21220.
Stddev	.15	.8	.4	2.8	8.	81.
%RSD	.3043	.1578	.1956	1.146	.7622	.3813

#1	50.13	499.8	207.0	245.7	1040.	21290.
#2	49.82	501.4	206.7	245.9	1031.	21250.
#3	49.99	500.9	207.5	250.7	1047.	21130.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26900.	701.9	26530.	509.3	510.3	486.0
Stddev	3.	.7	89.	.8	.2	2.9
%RSD	.0122	.1004	.3368	.1554	.0359	.6020

#1	26890.	701.3	26640.	508.4	510.2	484.7
#2	26900.	702.7	26470.	509.8	510.2	489.4
#3	26900.	701.8	26490.	509.7	510.5	484.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-31902-A-7-E Acquired: 10/15/2011 3:42:54 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1851.	2116.	496.5	493.6	682.7	492.6
Stddev	4.	2.	1.0	.8	2.7	1.0
%RSD	.2403	.0765	.1979	.1686	.4003	.1990
#1	1848.	2114.	495.6	492.7	680.1	491.5
#2	1856.	2116.	496.5	494.4	685.6	492.9
#3	1850.	2118.	497.5	493.8	682.4	493.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	493.6	526.9	498.5
Stddev	2.3	1.0	.8
%RSD	.4702	.1840	.1614
#1	492.7	528.0	498.5
#2	491.9	526.2	497.8
#3	496.3	526.5	499.4

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	2082.7	33866.	4618.5
Stddev	.7	116.	16.9
%RSD	.03550	.34125	.36522
#1	2083.3	33927.	4603.6
#2	2081.9	33733.	4636.8
#3	2082.9	33938.	4615.1

Sample Name: 460-31902-A-1-E Acquired: 10/15/2011 3:46:16 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	542.0	35.81	.9601	7.373	.0671	991.8
Stddev	5.7	1.96	.6026	.136	.0466	16.2
%RSD	1.050	5.471	62.76	1.842	69.49	1.630

#1	548.5	37.61	1.451	7.447	.1201	1009.
#2	538.4	36.10	1.142	7.217	.0327	990.1
#3	538.9	33.72	.2875	7.456	.0484	976.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0113	1.081	2.414	14.33	577.8	2099.
Stddev	.0206	.241	.068	.41	6.7	22.
%RSD	182.8	22.28	2.809	2.855	1.155	1.055

#1	.0131	1.291	2.405	14.80	584.1	2099.
#2	.0310	1.135	2.485	14.06	578.4	2122.
#3	-.0102	.8181	2.350	14.14	570.8	2078.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	276.6	79.99	9296.	3.583	10.06	6.905
Stddev	3.1	.39	50.	.142	.91	.355
%RSD	1.111	.4846	.5417	3.967	9.035	5.141

#1	274.6	80.04	9248.	3.724	10.95	7.089
#2	275.2	79.58	9348.	3.439	10.11	7.130
#3	280.2	80.34	9293.	3.586	9.132	6.495

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-1-E Acquired: 10/15/2011 3:46:16 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.421	-1.144	23.47	89.85	1709.	17.93
Stddev	1.007	.831	.53	.30	2.	.21
%RSD	70.83	72.69	2.245	.3376	.1055	1.191
#1	1.838	-.3030	23.85	89.51	1709.	17.69
#2	.2732	-1.162	22.87	90.09	1707.	18.09
#3	2.152	-1.965	23.69	89.96	1711.	18.00

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.7005	3.705	16.59
Stddev	.3227	.145	.72
%RSD	46.07	3.902	4.318
#1	1.057	3.868	17.28
#2	.6175	3.653	15.85
#3	.4274	3.593	16.64

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	2158.1	35334.	4717.6
Stddev	4.7	213.	25.6
%RSD	.21622	.60221	.54324
#1	2160.1	35406.	4711.5
#2	2161.5	35501.	4695.5
#3	2152.8	35094.	4745.7

Sample Name: 460-31902-A-3-K Acquired: 10/15/2011 3:49:54 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8049.	8.012	-.2162	33.28	.4174	1140.
Stddev	30.	2.320	.2286	.09	.0619	12.
%RSD	.3697	28.95	105.8	.2772	14.83	1.027

#1	8040.	8.896	-.4132	33.23	.4415	1128.
#2	8082.	9.760	-.2699	33.38	.3471	1151.
#3	8025.	5.380	.0345	33.22	.4637	1140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0484	1.780	11.46	15.11	7805.	1348.
Stddev	.0132	.139	.13	1.03	45.	57.
%RSD	27.22	7.834	1.151	6.802	.5761	4.241

#1	.0532	1.705	11.33	15.89	7753.	1354.
#2	.0335	1.941	11.46	13.94	7837.	1288.
#3	.0586	1.694	11.60	15.49	7824.	1402.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	964.5	81.07	14100.	6.086	8.095	1.566
Stddev	3.5	.42	20.	.141	.661	.928
%RSD	.3665	.5170	.1448	2.322	8.161	59.29

#1	963.8	80.69	14080.	6.103	8.768	2.415
#2	961.4	81.00	14120.	5.936	7.447	1.707
#3	968.3	81.52	14100.	6.217	8.069	.5748

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-3-K Acquired: 10/15/2011 3:49:54 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.435	-1.114	74.64	40.64	93.46	6.823
Stddev	2.806	1.352	.66	.04	1.14	.109
%RSD	195.5	121.4	.8821	.0931	1.221	1.600
#1	3.514	-1.757	73.88	40.60	94.61	6.746
#2	-1.757	-2.025	75.06	40.67	93.45	6.948
#3	2.548	.4396	74.99	40.65	92.32	6.776

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2029	7.509	286.2
Stddev	.2744	.022	1.0
%RSD	135.3	.2994	.3575
#1	.5157	7.487	286.2
#2	.0904	7.532	287.2
#3	.0026	7.506	285.1

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	2169.5	35256.	4716.1
Stddev	4.4	100.	18.6
%RSD	.20191	.28335	.39335
#1	2171.4	35311.	4726.8
#2	2172.6	35315.	4726.8
#3	2164.5	35140.	4694.7

Sample Name: CCV Acquired: 10/15/2011 3:53:34 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	2515.	1261.	10230.	1014.	128700.
Stddev	173.	7.	2.	7.	2.	311.
%RSD	.1373	.2737	.1435	.0722	.1643	.2412

#1	125900.	2515.	1259.	10240.	1013.	128400.
#2	126200.	2521.	1260.	10230.	1013.	128800.
#3	126300.	2507.	1263.	10220.	1016.	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	1279.	2534.	5162.	12690.	102800.	50460.
Stddev	2.	3.	12.	31.	278.	107.
%RSD	.1262	.1351	.2380	.2476	.2701	.2111

#1	1281.	2536.	5155.	12660.	102800.	50350.
#2	1279.	2534.	5154.	12690.	102600.	50470.
#3	1278.	2530.	5176.	12720.	103100.	50560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127500.	5259.	124200.	2569.	7660.	1020.
Stddev	345.	11.	102.	4.	12.	3.
%RSD	.2703	.2087	.0823	.1488	.1563	.3411

#1	127200.	5257.	124100.	2571.	7670.	1022.
#2	127300.	5249.	124100.	2570.	7664.	1023.
#3	127900.	5270.	124300.	2564.	7646.	1016.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 3:53:34 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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.	2590.	2548.	2531.	1005.	2546.
Stddev	11.	3.	5.	4.	1.	2.
%RSD	.4566	.1112	.2090	.1613	.0651	.0614

#1	2482.	2593.	2546.	2535.	1006.	2546.
#2	2465.	2588.	2543.	2532.	1004.	2544.
#3	2461.	2588.	2554.	2527.	1005.	2547.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	1012.	5153.	10060.
Stddev	1.	7.	15.
%RSD	.0994	.1272	.1475

#1	1011.	5147.	10050.
#2	1013.	5152.	10060.
#3	1012.	5160.	10080.

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	1926.0	31642.	4481.6
Stddev	2.4	66.	21.1
%RSD	.12411	.20790	.47098

#1	1924.1	31677.	4488.0
#2	1925.2	31683.	4458.0
#3	1928.7	31566.	4498.8

Sample Name: CCB Acquired: 10/15/2011 3:56:53 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.98	-1.601	.6363	.3930	.0954	1.593
Stddev	7.09	.967	.3553	.2882	.0619	10.56
%RSD	33.77	60.38	55.84	73.35	64.92	663.0

#1	29.15	-1.225	.2561	.6747	.1414	2.562
#2	16.38	-2.699	.6929	.4057	.1197	11.64
#3	17.42	-.8783	.9599	.0986	.0250	-9.420

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1065	.3716	-.0262	3.747	9.916	26.39
Stddev	.0593	.1423	.2366	5.814	9.258	31.68
%RSD	55.67	38.28	903.6	155.2	93.36	120.0

#1	.0466	.4988	.1235	9.140	-.3233	5.636
#2	.1076	.2180	.0968	4.513	12.38	10.69
#3	.1652	.3981	-.2989	-2.412	17.69	62.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.880	.3054	27.08	-.0427	.3807	.0680
Stddev	3.414	.0766	13.20	.1613	1.331	.5254
%RSD	58.06	25.09	48.73	377.8	349.6	773.0

#1	6.574	.3906	19.95	.0564	.0982	-.4456
#2	8.894	.2833	42.31	.0444	-.7861	.0450
#3	2.173	.2422	18.99	-.2289	1.830	.6045

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 3:56:53 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.477	.4299	.2319	-.0498	2.704	.8497
Stddev	.445	.4837	.1233	.1220	1.207	.1699
%RSD	30.13	112.5	53.16	245.1	44.63	19.99
#1	-1.066	.4430	.1580	.0885	3.973	.9633
#2	-1.949	-.0603	.3742	-.1423	2.568	.9314
#3	-1.415	.9069	.1635	-.0955	1.571	.6544

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.0953	.2053	2.096
Stddev	.2780	.1105	1.124
%RSD	291.6	53.83	53.61
#1	-.0556	.3320	3.312
#2	.4161	.1552	1.880
#3	-.0745	.1286	1.096

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	2136.5	34852.	4557.1
Stddev	5.8	196.	16.4
%RSD	.26922	.56102	.36014
#1	2133.8	34912.	4557.7
#2	2132.6	35010.	4573.3
#3	2143.1	34633.	4540.4

Sample Name: MB 460-89533/1-A Acquired: 10/15/2011 4:00:39 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.44	-1.657	.5773	.1172	-.0401	4.985
Stddev	10.09	1.104	.3174	.1147	.1429	8.857
%RSD	75.04	66.63	54.98	97.88	356.9	177.7

#1	1.835	-1.396	.8439	.0864	-.0460	5.612
#2	18.42	-2.868	.2262	.0210	.1058	13.51
#3	20.08	-.7070	.6618	.2441	-.1799	-4.169

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0178	-.0059	.0365	1.981	11.49	22.01
Stddev	.0760	.1730	.4027	1.405	6.11	17.76
%RSD	427.4	2937.	1103.	70.96	53.16	80.72

#1	.0373	-.1132	.0112	2.908	4.755	25.82
#2	.0821	-.0982	-.3529	.3637	13.04	2.645
#3	-.0661	.1937	.4513	2.670	16.67	37.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.460	.0236	6.869	.0472	.3554	-.0198
Stddev	2.249	.0674	12.99	.3677	.8026	.8427
%RSD	91.44	286.0	189.1	779.6	225.8	4254.

#1	.3383	.0070	21.76	.4343	1.261	-.7760
#2	2.223	.0978	1.001	.0047	-.2686	-.1720
#3	4.817	-.0340	-2.148	-.2974	.0739	.8886

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89533/1-A Acquired: 10/15/2011 4:00:39 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.7758	-.5362	.0199	-.1322	3.317	.3023
Stddev	2.642	.8086	.1763	.0962	.389	.1513
%RSD	340.6	150.8	887.6	72.76	11.73	50.05
#1	2.516	-1.098	.2007	-.1045	3.720	.1555
#2	2.076	-.9009	-.1516	-.0529	2.943	.2937
#3	-2.265	.3906	.0104	-.2393	3.288	.4577

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.3108	.0838	1.422
Stddev	.4017	.0512	.704
%RSD	129.2	61.10	49.48
#1	.0269	.1234	.9186
#2	-.7550	.0260	1.121
#3	-.2042	.1018	2.226

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	2175.8	35388.	4668.0
Stddev	3.7	223.	4.2
%RSD	.17159	.62941	.08981
#1	2179.8	35365.	4664.4
#2	2172.4	35177.	4672.6
#3	2175.2	35621.	4667.0

Sample Name: LCS 460-89533/2-A Acquired: 10/15/2011 4:04:22 Type: QC

Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1996.	1902.	49.02	2005.	49.83	20760.
Stddev	6.	2.	.61	2.	.11	2.
%RSD	.3013	.0875	1.253	.0949	.2133	.0118

#1	1996.	1904.	49.23	2006.	49.72	20760.
#2	2001.	1902.	48.33	2003.	49.94	20760.
#3	1989.	1900.	49.50	2006.	49.82	20760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.59	505.7	204.8	252.3	1033.	19590.
Stddev	.12	.6	1.3	1.3	4.	68.
%RSD	.2276	.1162	.6582	.5097	.4275	.3447

#1	50.49	506.0	206.0	253.7	1034.	19520.
#2	50.72	505.0	203.4	251.2	1028.	19590.
#3	50.58	506.0	205.0	251.9	1036.	19660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19810.	532.3	19420.	515.0	517.3	485.3
Stddev	33.	1.9	54.	1.4	1.2	1.8
%RSD	.1677	.3635	.2796	.2642	.2360	.3647

#1	19800.	531.1	19460.	515.0	516.7	486.2
#2	19780.	531.2	19450.	513.6	516.5	483.3
#3	19850.	534.5	19360.	516.3	518.7	486.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: LCS 460-89533/2-A Acquired: 10/15/2011 4:04:22 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1868.	2144.	499.8	499.6	492.7	496.3
Stddev	4.	2.	.8	.8	1.0	.6
%RSD	.2104	.1152	.1545	.1612	.2035	.1172
#1	1873.	2143.	500.6	499.7	492.4	495.7
#2	1868.	2142.	499.6	498.8	491.8	496.2
#3	1865.	2147.	499.0	500.4	493.8	496.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	498.9	489.7	499.2
Stddev	.7	.2	.8
%RSD	.1473	.0349	.1647
#1	499.3	489.5	500.0
#2	498.0	489.6	499.4
#3	499.3	489.8	498.3

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	2106.3	34403.	4662.7
Stddev	8.6	150.	4.8
%RSD	.40755	.43675	.10291
#1	2102.7	34422.	4668.1
#2	2116.1	34543.	4658.9
#3	2100.2	34244.	4661.1

Sample Name: 460-31902-A-4-E Acquired: 10/15/2011 4:07:43 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	678.5	.0178	.2971	11.92	.0254	729.3
Stddev	11.5	2.097	.8071	.12	.0802	24.9
%RSD	1.699	11760.	271.6	1.018	315.4	3.407
#1	691.7	2.273	1.210	12.05	-.0624	723.8
#2	672.4	-1.873	-.3208	11.91	.0438	756.4
#3	671.2	-.3459	.0019	11.81	.0949	707.6

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	.8903	-.1242	2706.	131.6	451.1	1212.
Stddev	.1030	.0742	7.	1.6	7.1	32.
%RSD	11.57	59.72	.2554	1.218	1.569	2.636
#1	.8093	-.1020	2706.	130.9	442.9	1180.
#2	.8553	-.2070	2713.	130.4	455.4	1214.
#3	1.006	-.0637	2699.	133.4	454.9	1243.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	252.1	4.228	33720.	2.389	9.972	14.23
Stddev	2.5	.081	45.	.153	.764	.76
%RSD	.9788	1.920	.1324	6.420	7.664	5.357
#1	250.6	4.321	33690.	2.565	10.79	14.31
#2	255.0	4.173	33700.	2.319	9.859	14.94
#3	250.8	4.190	33770.	2.284	9.270	13.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-4-E Acquired: 10/15/2011 4:07:43 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.515	-.1333	7.781	118.5	124.4	11.36
Stddev	1.777	1.185	.432	.4	.3	.23
%RSD	117.3	888.5	5.552	.3337	.2053	1.994
#1	1.769	-1.210	8.238	118.6	124.2	11.61
#2	3.151	1.136	7.723	118.9	124.2	11.29
#3	-.3751	-.3257	7.380	118.1	124.6	11.17

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.373	2.511	29.29
Stddev	.913	.013	.41
%RSD	38.50	.5248	1.394
#1	2.329	2.504	29.76
#2	1.482	2.503	28.98
#3	3.307	2.526	29.14

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	2120.7	34855.	4723.0
Stddev	2.3	154.	3.5
%RSD	.10990	.44159	.07482
#1	2118.3	34816.	4726.2
#2	2120.8	34725.	4719.2
#3	2122.9	35025.	4723.7

Sample Name: 460-31902-A-6-E Acquired: 10/15/2011 4:11:23 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	901.5	-.7063	-.0150	6.790	.0754	469.3
Stddev	4.1	.7487	.4175	.080	.1096	11.7
%RSD	.4526	106.0	2785.	1.174	145.5	2.501

#1	899.7	-.3383	-.2323	6.802	-.0356	477.9
#2	898.6	-.2128	-.2791	6.863	.0781	455.9
#3	906.1	-1.568	.4664	6.705	.1836	474.1

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	.1081	.4467	20.48	16.75	829.8	1828.
Stddev	.0174	.0347	.10	1.73	1.8	15.
%RSD	16.06	7.772	.5026	10.32	.2169	.8066

#1	.1077	.4094	20.45	15.46	831.7	1842.
#2	.0910	.4780	20.40	16.07	829.5	1829.
#3	.1257	.4528	20.60	18.71	828.1	1813.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	253.8	8.593	9166.	3.244	2.902	2.260
Stddev	4.8	.037	9.	.331	2.169	.615
%RSD	1.910	.4327	.0980	10.21	74.74	27.22

#1	259.2	8.635	9161.	3.621	4.000	2.969
#2	252.3	8.566	9160.	3.107	.4036	1.939
#3	249.8	8.578	9176.	3.003	4.304	1.872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31902-A-6-E Acquired: 10/15/2011 4:11:23 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.741	.6803	5.552	35.35	130.7	5.008
Stddev	1.419	.8502	.193	.31	.5	.213
%RSD	814.7	125.0	3.480	.8891	.3785	4.252
#1	-.3288	-.2917	5.765	35.13	130.6	5.247
#2	-1.509	1.285	5.502	35.21	130.2	4.840
#3	1.315	1.048	5.388	35.71	131.2	4.936

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2476	1.451	28.75
Stddev	.4359	.081	.57
%RSD	176.1	5.599	1.988
#1	-.1161	1.429	28.47
#2	.7308	1.541	28.36
#3	.1280	1.383	29.40

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	2159.2	35622.	4718.7
Stddev	8.0	41.	6.1
%RSD	.36856	.11533	.12938
#1	2164.3	35582.	4719.7
#2	2163.2	35621.	4712.1
#3	2150.0	35664.	4724.2

Sample Name: LB 460-88825/1-C Acquired: 10/15/2011 4:15:06 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.15	-1.411	.1865	.0030	.1116	19.91
Stddev	7.64	.336	.6389	.0658	.1023	16.80
%RSD	53.99	23.81	342.6	2192.	91.68	84.38

#1	22.88	-1.338	.0804	.0197	.2250	.5977
#2	10.85	-1.778	-.3927	.0588	.0261	27.98
#3	8.711	-1.118	.8718	-.0695	.0837	31.15

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0123	-.0296	.0186	-.7524	4.968	680.8
Stddev	.0665	.0793	.4844	1.448	7.953	18.4
%RSD	542.3	267.6	2602.	192.4	160.1	2.698

#1	-.0395	-.1049	.3110	.4333	-3.971	702.0
#2	-.0110	.0532	.2854	-.3244	11.26	670.0
#3	.0873	-.0372	-.5406	-2.366	7.617	670.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8490	.0440	25.76	.2266	-.2336	.2368
Stddev	2.701	.0123	6.66	.1455	1.301	.1824
%RSD	318.1	27.99	25.87	64.20	557.0	77.03

#1	-1.621	.0363	28.59	.3203	-1.705	.3095
#2	.4350	.0375	18.14	.3005	.2410	.3717
#3	3.733	.0582	30.53	.0590	.7635	.0293

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LB 460-88825/1-C Acquired: 10/15/2011 4:15:06 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.4047	.0691	.1874	.4236	3.302	.2076
Stddev	1.530	.5699	.1604	.1318	.896	.0246
%RSD	378.1	824.4	85.62	31.10	27.14	11.85
#1	-2.170	.1266	.3232	.5301	4.313	.2360
#2	.5366	.6082	.2285	.2763	2.990	.1939
#3	.4195	-.5273	.0104	.4646	2.603	.1929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.0524	.0180	.7353
Stddev	.9474	.0402	1.149
%RSD	1809.	223.2	156.2
#1	.7290	-.0250	1.822
#2	-1.030	.0546	-.4663
#3	.4586	.0244	.8500

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	2158.5	35566.	4667.6
Stddev	2.5	221.	7.4
%RSD	.11424	.62010	.15925
#1	2158.0	35807.	4676.1
#2	2161.2	35516.	4664.8
#3	2156.4	35374.	4662.1

Sample Name: 460-32275-A-6-X DU@4 Acquired: 10/15/2011 4:18:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51690.	20.24	39.65	473.8	.9350	F 532100.
Stddev	299.	1.25	.27	.6	.0059	606.
%RSD	.5788	6.198	.6812	.1243	.6339	.1138

#1	51400.	21.04	39.95	473.2	.9337	531800.
#2	51690.	18.79	39.44	473.9	.9414	532800.
#3	52000.	20.88	39.56	474.3	.9298	531700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.53	40.81	599.1	1921.	76530.	2758.
Stddev	.13	.34	2.7	16.	436.	25.
%RSD	.3764	.8386	.4585	.8377	.5702	.9238

#1	35.38	41.20	597.2	1904.	76210.	2730.
#2	35.64	40.62	597.9	1923.	76340.	2764.
#3	35.58	40.60	602.3	1936.	77030.	2779.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23240.	1142.	5887.	3754.	107.3	10.35
Stddev	99.	4.	34.	8.	.7	1.51
%RSD	.4271	.3577	.5800	.2220	.6980	14.58

#1	23180.	1140.	5854.	3746.	106.8	10.75
#2	23190.	1139.	5886.	3756.	106.9	8.681
#3	23360.	1147.	5922.	3762.	108.1	11.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-X DU@4 Acquired: 10/15/2011 4:18:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	12.08	-6.892	98.23	F 12560.	87.04	134.2
Stddev	.80	2.604	1.20	22.	1.15	.5
%RSD	6.582	37.79	1.225	.1754	1.318	.3357
#1	11.18	-4.510	97.59	12540.	86.59	134.1
#2	12.41	-9.673	97.47	12570.	86.18	133.8
#3	12.66	-6.495	99.61	12590.	88.34	134.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	661.5	423.0	1574.
Stddev	.4	2.1	9.
%RSD	.0622	.5058	.5739
#1	661.7	420.7	1566.
#2	661.7	423.2	1573.
#3	661.0	425.0	1584.
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	2006.6	32218.	4594.4
Stddev	3.0	147.	14.6
%RSD	.15141	.45479	.31831
#1	2003.3	32101.	4611.2
#2	2007.4	32383.	4584.9
#3	2009.2	32172.	4587.1

Sample Name: 460-32275-A-6-W@4 Acquired: 10/15/2011 4:22:26 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50100.	18.12	42.11	421.9	.9606	F 527800.
Stddev	48.	.92	.73	.9	.1417	2735.
%RSD	.0949	5.101	1.729	.2140	14.75	.5183
#1	50150.	19.11	42.78	422.9	.9404	530900.
#2	50060.	17.27	42.23	421.3	.8301	526000.
#3	50080.	17.97	41.34	421.4	1.111	526300.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.56	44.23	720.6	1626.	78880.	2455.
Stddev	.15	.18	.7	2.	144.	28.
%RSD	.5437	.3978	.0981	.1421	.1822	1.148
#1	27.66	44.40	721.3	1624.	79030.	2449.
#2	27.63	44.05	720.6	1626.	78860.	2430.
#3	27.38	44.23	719.9	1628.	78750.	2486.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25010.	1152.	5281.	4248.	110.1	12.53
Stddev	30.	1.	5.	15.	1.5	2.76
%RSD	.1206	.1190	.0981	.3507	1.342	22.06
#1	24990.	1152.	5281.	4264.	110.4	11.63
#2	25040.	1153.	5287.	4245.	111.5	15.63
#3	24990.	1150.	5276.	4234.	108.5	10.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-W@4 Acquired: 10/15/2011 4:22:26 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	11.28	-9.043	108.4	F 11670.	86.21	138.0
Stddev	1.64	1.421	.5	32.	.05	.2
%RSD	14.49	15.71	.4321	.2759	.0611	.1449
#1	13.16	-7.403	108.4	11710.	86.17	137.9
#2	10.15	-9.834	107.9	11660.	86.27	137.8
#3	10.55	-9.892	108.8	11650.	86.20	138.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

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	602.0	398.4	1547.
Stddev	1.4	1.4	2.
%RSD	.2314	.3448	.1100
#1	603.0	399.8	1549.
#2	602.5	398.2	1545.
#3	600.4	397.1	1548.
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	2015.1	32191.	4629.7
Stddev	5.0	102.	5.0
%RSD	.24761	.31752	.10825
#1	2009.7	32298.	4625.0
#2	2019.6	32094.	4629.2
#3	2016.0	32183.	4635.0

Sample Name: SD 460-32275-A-6-W@2 Acquired: 10/15/2011 4:26:02 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10230.	1.599	8.405	86.96	.2793	119900.
Stddev	16.	2.044	.535	.12	.0893	227.
%RSD	.1578	127.8	6.371	.1326	31.98	.1891

#1	10220.	2.558	9.023	87.05	.3746	119800.
#2	10240.	-.7479	8.122	86.99	.1975	120100.
#3	10250.	2.988	8.070	86.83	.2657	119700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.726	9.396	146.4	328.4	16170.	503.9
Stddev	.091	.326	.5	1.5	24.	45.1
%RSD	1.586	3.470	.3653	.4556	.1455	8.953

#1	5.826	9.749	146.7	327.7	16160.	460.1
#2	5.648	9.106	146.8	330.1	16200.	501.3
#3	5.703	9.332	145.8	327.4	16160.	550.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5227.	234.7	1080.	901.3	22.49	1.469
Stddev	10.	.5	18.	1.0	1.11	1.187
%RSD	.1979	.2234	1.631	.1078	4.942	80.79

#1	5223.	234.6	1068.	900.4	21.32	1.087
#2	5220.	234.2	1100.	901.4	22.63	.5204
#3	5239.	235.2	1072.	902.3	23.54	2.799

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32275-A-6-W@2 Acquired: 10/15/2011 4:26:02 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-2.198	21.78	2489.	18.99	27.35
Stddev	1.364	1.911	.20	4.	.38	.42
%RSD	53.42	86.92	.9374	.1755	2.000	1.528
#1	1.082	-1.247	21.91	2483.	18.85	27.55
#2	2.803	-.9503	21.55	2491.	18.71	27.62
#3	3.775	-4.398	21.89	2491.	19.42	26.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	125.2	80.25	315.5
Stddev	.6	.28	1.6
%RSD	.4902	.3481	.4927
#1	124.5	80.30	316.9
#2	125.7	80.49	313.9
#3	125.5	79.94	315.9

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	2110.1	34365.	4652.6
Stddev	7.1	194.	11.6
%RSD	.33464	.56417	.24995
#1	2118.0	34587.	4655.4
#2	2107.6	34279.	4639.8
#3	2104.6	34229.	4662.5

Sample Name: 460-32275-A-6-Y MS@4 Acquired: 10/15/2011 4:29:36 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53180.	965.2	62.98	1370.	24.99	F 523400.
Stddev	163.	3.3	.94	3.	.07	3601.
%RSD	.3063	.3384	1.497	.2258	.2838	.6879

#1	53000.	961.5	63.49	1366.	24.99	521600.
#2	53260.	966.3	61.89	1371.	24.92	527600.
#3	53290.	967.8	63.55	1371.	25.06	521200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.37	278.4	791.1	1605.	80110.	12440.
Stddev	.25	.7	.9	6.	102.	33.
%RSD	.5143	.2496	.1149	.3923	.1269	.2663

#1	49.08	277.6	792.1	1597.	80230.	12400.
#2	49.48	278.8	790.3	1608.	80080.	12450.
#3	49.56	278.8	791.0	1609.	80030.	12460.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29490.	1395.	15660.	4502.	332.3	250.1
Stddev	15.	1.	46.	13.	2.6	2.0
%RSD	.0506	.0454	.2918	.2805	.7970	.7887

#1	29490.	1396.	15610.	4487.	330.2	252.0
#2	29510.	1394.	15690.	4507.	331.4	248.0
#3	29480.	1395.	15670.	4511.	335.3	250.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-Y MS@4 Acquired: 10/15/2011 4:29:36 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	937.5	943.1	342.5	F 11620.	316.8	374.3
Stddev	4.8	1.4	.1	36.	.5	.7
%RSD	.5117	.1496	.0261	.3083	.1717	.1869
#1	932.0	941.8	342.6	11580.	316.2	373.5
#2	940.2	944.6	342.5	11640.	317.3	374.6
#3	940.4	942.8	342.4	11640.	317.0	374.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

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	848.4	644.4	1736.
Stddev	2.4	1.7	3.
%RSD	.2863	.2715	.1916
#1	846.1	643.3	1732.
#2	851.0	643.4	1737.
#3	848.1	646.4	1738.
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	1995.9	32270.	4582.0
Stddev	4.1	93.	7.6
%RSD	.20714	.28931	.16661
#1	2000.5	32163.	4589.7
#2	1992.6	32313.	4574.5
#3	1994.4	32335.	4581.8

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/15/2011 4:33:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51990.	1923.	86.18	2317.	48.94	F 534600.
Stddev	51.	7.	.63	3.	.19	1942.
%RSD	.0971	.3422	.7274	.1150	.3855	.3633

#1	52020.	1917.	86.60	2315.	48.79	536600.
#2	52010.	1930.	86.48	2320.	48.88	534300.
#3	51930.	1922.	85.46	2318.	49.15	532800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	74.96	510.8	911.3	1850.	79390.	22030.
Stddev	.20	1.3	1.1	8.	62.	93.
%RSD	.2701	.2503	.1224	.4487	.0775	.4217

#1	74.76	509.3	912.3	1842.	79460.	21950.
#2	75.16	511.5	911.3	1859.	79340.	22010.
#3	74.95	511.6	910.1	1850.	79370.	22130.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43690.	1651.	24650.	4709.	578.0	493.5
Stddev	13.	3.	82.	9.	1.4	1.9
%RSD	.0307	.1537	.3311	.1943	.2473	.3806

#1	43680.	1650.	24620.	4699.	576.8	491.3
#2	43680.	1654.	24740.	4717.	579.6	494.9
#3	43710.	1649.	24590.	4712.	577.7	494.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/15/2011 4:33:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1862.	1893.	595.4	F 12120.	563.6	612.0
Stddev	5.	2.	.7	19.	2.0	.6
%RSD	.2914	.1224	.1244	.1527	.3589	.1025
#1	1860.	1890.	596.2	12110.	561.3	611.3
#2	1868.	1894.	595.3	12140.	564.5	612.6
#3	1858.	1894.	594.8	12120.	565.0	612.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

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	1069.	871.1	2026.
Stddev	4.	2.7	6.
%RSD	.3616	.3092	.3078
#1	1066.	868.2	2022.
#2	1073.	873.6	2034.
#3	1067.	871.5	2024.
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	1997.8	32159.	4609.1
Stddev	2.8	40.	7.1
%RSD	.14123	.12299	.15387
#1	1997.8	32127.	4612.7
#2	1994.9	32203.	4600.9
#3	2000.5	32146.	4613.6

Sample Name: CCV Acquired: 10/15/2011 4:36:39 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126000.	2517.	1256.	10200.	1014.	128900.
Stddev	319.	1.	2.	16.	4.	564.
%RSD	.2531	.0424	.1490	.1577	.3458	.4372

#1	125700.	2518.	1258.	10190.	1010.	128300.
#2	126400.	2516.	1254.	10220.	1016.	129000.
#3	126000.	2518.	1255.	10190.	1016.	129400.

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	1276.	2523.	5158.	12690.	102500.	50480.
Stddev	2.	4.	12.	29.	89.	200.
%RSD	.1369	.1502	.2293	.2267	.0866	.3961

#1	1275.	2522.	5149.	12660.	102500.	50260.
#2	1278.	2527.	5152.	12710.	102500.	50560.
#3	1275.	2520.	5171.	12720.	102600.	50640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127400.	5268.	124000.	2560.	7634.	1015.
Stddev	311.	22.	254.	5.	8.	4.
%RSD	.2443	.4137	.2045	.1785	.1081	.3544

#1	127100.	5249.	123900.	2557.	7634.	1018.
#2	127400.	5264.	124300.	2565.	7642.	1011.
#3	127700.	5292.	123800.	2557.	7625.	1017.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 4:36:39 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2475.	2588.	2539.	2521.	1004.	2536.
Stddev	1.	8.	5.	5.	2.	3.
%RSD	.0563	.3178	.2034	.1942	.1868	.1358

#1	2477.	2582.	2542.	2520.	1003.	2534.
#2	2475.	2597.	2534.	2526.	1006.	2540.
#3	2474.	2584.	2543.	2516.	1003.	2535.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	1010.	5149.	10040.
Stddev	1.	19.	21.
%RSD	.0935	.3680	.2089

#1	1009.	5127.	10020.
#2	1011.	5155.	10050.
#3	1010.	5163.	10060.

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	1938.1	31738.	4484.9
Stddev	1.4	63.	16.2
%RSD	.07333	.19757	.36159

#1	1938.8	31810.	4498.6
#2	1936.5	31707.	4489.2
#3	1939.0	31696.	4467.0

Sample Name: CCB Acquired: 10/15/2011 4:39:58 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.91	-3.216	.3881	.5643	.1179	29.80
Stddev	4.43	1.603	.7234	.4270	.0555	15.64
%RSD	24.74	49.84	186.4	75.66	47.09	52.50

#1	12.92	-4.596	.9303	1.018	.1477	20.70
#2	21.37	-3.593	.6672	.5050	.1522	47.86
#3	19.46	-1.458	-.4334	.1701	.0538	20.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0782	.1153	.1685	.9829	13.46	10.83
Stddev	.0762	.1302	.4403	1.552	5.91	11.70
%RSD	97.40	113.0	261.3	157.9	43.92	108.1

#1	.1623	.2100	.5834	2.197	18.47	23.72
#2	.0138	-.0332	.2153	-.7662	14.95	7.875
#3	.0585	.1691	-.2933	1.518	6.941	.8854

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.896	.3787	31.41	.2407	-.8134	.5003
Stddev	3.746	.1480	10.35	.2640	.6391	1.039
%RSD	37.85	39.09	32.96	109.7	78.57	207.7

#1	9.663	.5006	32.63	.0359	-.2930	1.653
#2	13.75	.4214	20.50	.5387	-1.527	-.3655
#3	6.271	.2140	41.10	.1476	-.6205	.2135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 4:39:58 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.557	.2045	-.1594	.5139	3.083	.9499
Stddev	1.654	1.069	.4221	.0852	1.156	.2457
%RSD	106.2	522.8	264.8	16.59	37.50	25.86

#1	3.382	.7075	.1695	.6123	4.415	1.127
#2	.1558	.9292	-.6353	.4667	2.336	1.053
#3	1.134	-1.023	-.0123	.4626	2.498	.6694

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2767	.2811	1.416
Stddev	.5509	.1715	1.304
%RSD	199.1	61.01	92.03

#1	.1638	.4519	2.257
#2	.8753	.2826	2.077
#3	-.2091	.1089	-.0853

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	2145.5	35205.	4622.7
Stddev	4.4	91.	19.7
%RSD	.20352	.25813	.42549

#1	2147.9	35142.	4622.7
#2	2140.5	35164.	4603.1
#3	2148.2	35309.	4642.4

Sample Name: MB 460-89479/1-A@2 Acquired: 10/15/2011 4:43:43 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.078	-2.723	-.0051	.1649	-.0268	27.22
Stddev	7.582	1.502	.7476	.0500	.0800	9.14
%RSD	185.9	55.14	14520.	30.30	298.8	33.59
#1	12.83	-2.796	.4613	.1072	.0610	32.89
#2	-.4378	-1.187	.3907	.1956	-.0457	32.09
#3	-.1608	-4.188	-.8675	.1919	-.0956	16.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0042	.0523	-.1095	1.411	12.70	18.82
Stddev	.0923	.1743	.3864	1.455	7.59	25.83
%RSD	2215.	332.9	352.9	103.1	59.77	137.2
#1	.0919	.1662	-.0046	3.056	16.95	45.80
#2	-.0122	.1391	-.5375	.2927	3.935	16.36
#3	-.0922	-.1483	.2136	.8837	17.21	-5.682

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.783	.1063	31.63	.0625	.0567	.4059
Stddev	2.186	.0447	1.16	.2130	.9031	1.215
%RSD	78.55	42.06	3.674	340.7	1594.	299.3
#1	4.869	.1560	32.63	.3068	-.8302	1.676
#2	2.969	.0939	30.35	-.0345	.9752	-.7451
#3	.5098	.0692	31.91	-.0847	.0250	.2871

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89479/1-A@2 Acquired: 10/15/2011 4:43:43 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.002	-1.196	-.0780	.6587	2.524	.2644
Stddev	2.777	.952	.0781	.1719	.403	.1228
%RSD	277.1	79.55	100.1	26.09	15.98	46.45
#1	-2.196	-.6181	-.0562	.4691	2.535	.3986
#2	2.401	-.6762	-.1647	.8044	2.921	.2367
#3	2.801	-2.295	-.0131	.7025	2.115	.1578

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.2917	.0847	1.140
Stddev	1.207	.0581	.471
%RSD	413.9	68.51	41.34
#1	-1.680	.0448	1.009
#2	.5140	.1513	.7481
#3	.2906	.0581	1.663

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	2075.8	34399.	4496.0
Stddev	3.9	118.	18.5
%RSD	.18698	.34404	.41211
#1	2073.7	34393.	4474.6
#2	2073.5	34520.	4506.6
#3	2080.3	34284.	4506.9

Sample Name: LCSSRM 460-89479/2-A Acquired: 10/15/2011 4:47:26 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44010.	465.1	139.1	924.5	365.6	48860.
Stddev	110.	3.2	.5	1.6	.5	81.
%RSD	.2488	.6863	.3848	.1689	.1273	.1657

#1	43970.	461.6	138.7	922.7	365.0	48800.
#2	44140.	467.8	138.9	925.3	365.6	48830.
#3	43930.	465.8	139.7	925.5	366.0	48960.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	280.3	436.7	1109.	816.0	94180.	19850.
Stddev	.7	.5	7.	3.2	428.	27.
%RSD	.2386	.1099	.6112	.3871	.4545	.1355

#1	279.5	436.2	1105.	813.1	93770.	19860.
#2	280.8	437.1	1105.	819.4	94140.	19830.
#3	280.6	436.7	1117.	815.5	94620.	19880.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18320.	2733.	4550.	642.4	419.8	787.6
Stddev	79.	14.	12.	2.2	.8	4.0
%RSD	.4317	.5134	.2562	.3497	.1907	.5074

#1	18290.	2732.	4546.	639.8	420.7	783.0
#2	18270.	2719.	4563.	644.1	419.5	789.6
#3	18410.	2747.	4541.	643.1	419.2	790.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89479/2-A Acquired: 10/15/2011 4:47:26 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1248.	618.2	549.9	2790.	636.7	238.0
Stddev	11.	3.1	2.0	5.	3.2	.8
%RSD	.8651	.5086	.3728	.1866	.5024	.3280
#1	1239.	617.9	548.3	2785.	633.2	237.2
#2	1260.	621.4	549.2	2796.	639.5	238.8
#3	1244.	615.1	552.2	2789.	637.4	238.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	505.7	1055.	2113.
Stddev	2.2	2.	11.
%RSD	.4400	.1860	.5006
#1	504.5	1053.	2101.
#2	508.3	1055.	2116.
#3	504.4	1057.	2122.

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	2209.0	36022.	4877.7
Stddev	1.4	295.	20.1
%RSD	.06357	.81856	.41125
#1	2209.7	36137.	4862.4
#2	2209.9	36243.	4900.4
#3	2207.3	35687.	4870.4

Sample Name: 460-32388-A-1-A@4 Acquired: 10/15/2011 4:50:48 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20830.	33.89	.2418	112.1	1.243	7719.
Stddev	60.	2.21	.2115	.2	.056	26.
%RSD	.2871	6.512	87.46	.2169	4.526	.3418

#1	20800.	31.69	.1446	111.8	1.297	7688.
#2	20900.	36.10	.0964	112.3	1.185	7732.
#3	20790.	33.88	.4844	112.2	1.246	7736.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.117	7.064	39.68	60.37	32250.	1305.
Stddev	.067	.118	.41	1.63	46.	18.
%RSD	1.627	1.677	1.045	2.698	.1425	1.384

#1	4.168	7.111	39.53	62.25	32200.	1284.
#2	4.041	7.152	40.15	59.38	32250.	1314.
#3	4.142	6.929	39.37	59.47	32290.	1317.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3280.	220.8	306.3	20.59	3216.	23.26
Stddev	6.	.9	17.1	.33	4.	1.14
%RSD	.1902	.4006	5.580	1.611	.1360	4.891

#1	3275.	220.6	322.4	20.76	3211.	22.17
#2	3277.	220.0	288.3	20.21	3219.	23.17
#3	3287.	221.7	308.2	20.81	3218.	24.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32388-A-1-A@4 Acquired: 10/15/2011 4:50:48 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.792	-2.088	71.05	306.9	9.023	1.410
Stddev	.665	3.265	.50	.7	.121	.234
%RSD	17.53	156.4	.7087	.2180	1.345	16.58
#1	3.162	-5.653	70.97	306.1	8.897	1.363
#2	4.487	-1.367	71.59	307.2	9.032	1.203
#3	3.728	.7561	70.59	307.4	9.139	1.664

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	17.21	21.52	242.6
Stddev	.95	.11	.5
%RSD	5.545	.5337	.2152
#1	16.14	21.56	242.1
#2	17.97	21.61	243.1
#3	17.51	21.39	242.5

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	2181.7	35809.	4718.1
Stddev	4.8	32.	7.2
%RSD	.22209	.08964	.15268
#1	2177.4	35796.	4726.2
#2	2186.9	35845.	4712.6
#3	2180.9	35785.	4715.4

Sample Name: 460-32390-A-9-A@4 Acquired: 10/15/2011 4:54:21 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19860.	50.86	.2511	239.2	.9389	1588.
Stddev	36.	.99	.4269	.5	.0379	11.
%RSD	.1837	1.951	170.0	.2013	4.040	.6641

#1	19860.	50.17	.1187	239.0	.9678	1600.
#2	19830.	50.42	-.0938	239.7	.9529	1581.
#3	19900.	52.00	.7285	238.9	.8959	1584.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.418	13.60	52.85	284.9	58370.	1200.
Stddev	.070	.24	.32	1.5	87.	30.
%RSD	2.043	1.778	.6084	.5131	.1495	2.484

#1	3.368	13.87	53.20	286.5	58290.	1234.
#2	3.498	13.54	52.57	283.9	58360.	1187.
#3	3.389	13.39	52.78	284.2	58460.	1178.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1134.	113.9	89.86	34.63	2150.	15.27
Stddev	2.	.3	10.61	.20	3.	2.23
%RSD	.2072	.2477	11.81	.5868	.1506	14.58

#1	1133.	113.7	101.5	34.83	2150.	12.96
#2	1132.	113.9	87.28	34.63	2153.	17.40
#3	1137.	114.2	80.76	34.43	2147.	15.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-9-A@4 Acquired: 10/15/2011 4:54:21 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	4.111	-2.256	137.8	277.6	9.951	5.491
Stddev	1.238	.558	.5	.3	.277	.206
%RSD	30.11	24.73	.3764	.1083	2.785	3.747
#1	3.904	-2.853	137.2	277.7	10.20	5.727
#2	5.440	-1.747	138.1	277.8	9.655	5.347
#3	2.990	-2.168	138.2	277.2	9.992	5.400

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	28.09	32.98	418.8
Stddev	.67	.08	.7
%RSD	2.370	.2362	.1787
#1	28.85	32.91	419.3
#2	27.67	33.07	419.2
#3	27.74	32.96	417.9

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	2208.7	35769.	4769.1
Stddev	6.7	121.	12.5
%RSD	.30544	.33812	.26202
#1	2201.6	35657.	4755.8
#2	2209.5	35897.	4770.9
#3	2215.0	35754.	4780.6

Sample Name: 460-31970-A-14-A@4 Acquired: 10/15/2011 4:57:55 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13800.	19.83	.2282	40.83	1.035	1138.
Stddev	73.	1.68	.4291	.16	.060	5.
%RSD	.5300	8.462	188.0	.3811	5.800	.4291

#1	13750.	18.88	.4601	40.77	1.051	1138.
#2	13760.	21.77	-.2669	41.00	.9685	1133.
#3	13880.	18.84	.4915	40.71	1.085	1143.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2063	1.645	97.28	-.1943	49070.	4333.
Stddev	.0108	.054	.26	1.206	69.	15.
%RSD	5.245	3.298	.2656	620.7	.1414	.3541

#1	-.2188	1.707	97.38	-.2555	48990.	4328.
#2	-.1999	1.623	97.47	1.041	49080.	4320.
#3	-.2003	1.606	96.98	-1.368	49120.	4350.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2054.	18.03	830.2	4.167	13.55	-1.275
Stddev	2.	.03	14.1	.216	1.12	1.591
%RSD	.1116	.1541	1.693	5.178	8.232	124.8

#1	2052.	18.03	816.8	4.223	13.80	.5614
#2	2057.	18.01	828.8	3.929	14.52	-2.161
#3	2053.	18.06	844.8	4.349	12.33	-2.226

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31970-A-14-A@4 Acquired: 10/15/2011 4:57:55 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.227	-3.578	50.80	101.2	27.33	6.488
Stddev	1.850	1.456	.74	.4	.59	.226
%RSD	150.8	40.70	1.461	.4264	2.163	3.476
#1	3.307	-3.760	50.33	101.1	27.04	6.515
#2	-.2337	-2.039	50.42	100.8	28.01	6.698
#3	.6075	-4.934	51.65	101.7	26.94	6.250

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.853	12.15	187.5
Stddev	.839	.04	2.2
%RSD	45.31	.3307	1.149
#1	1.743	12.11	185.1
#2	1.073	12.19	189.2
#3	2.741	12.16	188.4

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	2162.9	35160.	4666.6
Stddev	6.2	67.	13.9
%RSD	.28661	.19175	.29684
#1	2166.1	35150.	4673.5
#2	2155.7	35098.	4675.7
#3	2166.8	35232.	4650.7

Sample Name: 460-31970-A-17-A@4 Acquired: 10/15/2011 5:01:30 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26360.	47.50	.9776	70.82	1.750	2263.
Stddev	119.	.53	.8574	.06	.047	9.
%RSD	.4495	1.108	87.70	.0903	2.660	.4127

#1	26270.	47.12	1.275	70.77	1.799	2256.
#2	26320.	47.28	1.647	70.89	1.742	2259.
#3	26490.	48.10	.0112	70.80	1.707	2273.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1222	2.627	137.4	6.159	72120.	5047.
Stddev	.1122	.084	.7	.031	340.	50.
%RSD	91.82	3.182	.4914	.5039	.4719	.9913

#1	-.1168	2.566	136.7	6.133	71740.	5018.
#2	-.0128	2.722	137.6	6.194	72210.	5018.
#3	-.2370	2.594	138.0	6.150	72400.	5105.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3035.	32.82	1309.	8.233	43.73	-2.014
Stddev	13.	.17	9.	.133	.55	.901
%RSD	.4227	.5085	.7201	1.613	1.267	44.75

#1	3027.	32.69	1315.	8.129	44.02	-3.054
#2	3028.	32.76	1315.	8.187	43.09	-1.454
#3	3050.	33.00	1299.	8.382	44.08	-1.534

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31970-A-17-A@4 Acquired: 10/15/2011 5:01:30 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	4.893	-2.534	101.6	114.3	27.61	8.758
Stddev	1.504	1.243	.6	.6	.10	.186
%RSD	30.73	49.03	.6311	.5359	.3565	2.125
#1	6.050	-3.077	101.2	114.5	27.62	8.543
#2	5.435	-3.413	102.3	114.7	27.51	8.855
#3	3.193	-1.113	101.3	113.6	27.71	8.875

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.591	22.02	198.5
Stddev	.652	.18	3.4
%RSD	25.17	.8310	1.721
#1	2.693	21.84	194.8
#2	1.894	22.00	199.1
#3	3.187	22.21	201.5

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	2150.6	35131.	4653.5
Stddev	2.8	159.	17.7
%RSD	.13237	.45204	.37982
#1	2152.9	35170.	4646.9
#2	2147.4	35267.	4673.5
#3	2151.5	34956.	4640.0

Sample Name: 460-32096-A-1-D@4 Acquired: 10/15/2011 5:05:04 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5319.	.2970	1.780	498.0	.0938	13840.
Stddev	22.	.4694	.545	1.0	.0660	56.
%RSD	.4217	158.1	30.60	.1936	70.30	.4025

#1	5312.	.1474	1.319	497.0	.1235	13780.
#2	5300.	.8230	1.641	498.9	.0182	13890.
#3	5344.	-.0794	2.381	498.0	.1397	13830.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1781	2.431	33.05	451.2	5502.	1116.
Stddev	.0600	.245	.28	2.3	15.	48.
%RSD	33.70	10.06	.8533	.5192	.2736	4.261

#1	.2003	2.621	33.20	453.0	5492.	1077.
#2	.1101	2.155	32.73	452.0	5519.	1169.
#3	.2237	2.516	33.24	448.5	5495.	1103.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2642.	130.1	2688.	13.54	14.44	.7991
Stddev	5.	.6	5.	.51	.89	.5152
%RSD	.1744	.4520	.1907	3.735	6.138	64.47

#1	2647.	130.4	2682.	14.08	14.25	1.076
#2	2642.	130.5	2692.	13.07	13.66	.2047
#3	2638.	129.4	2689.	13.47	15.40	1.117

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32096-A-1-D@4 Acquired: 10/15/2011 5:05:04 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.357	-4.280	6.724	334.5	29.64	3.201
Stddev	.734	1.194	.387	.2	.62	.053
%RSD	21.87	279.0	5.758	.0574	2.081	1.654
#1	3.248	-.7215	6.599	334.2	30.34	3.246
#2	2.683	-1.448	7.158	334.6	29.41	3.215
#3	4.139	.8856	6.414	334.5	29.18	3.143

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	9.114	383.2	26.85
Stddev	.815	1.2	.42
%RSD	8.937	.3212	1.573
#1	9.774	382.7	26.42
#2	9.363	384.7	26.87
#3	8.204	382.4	27.27

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	2141.5	34989.	4630.5
Stddev	1.7	172.	14.6
%RSD	.08123	.49108	.31590
#1	2140.6	34806.	4637.5
#2	2140.5	35012.	4613.7
#3	2143.5	35148.	4640.3

Sample Name: 460-32128-D-6-E@4 Acquired: 10/15/2011 5:08:41 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35110.	7.267	-5795	213.5	3.584	32450.
Stddev	40.	1.683	.4112	.5	.119	19.
%RSD	.1138	23.16	70.96	.2202	3.308	.0574

#1	35070.	5.724	-1.016	213.5	3.673	32470.
#2	35150.	7.016	-.5240	213.0	3.630	32450.
#3	35120.	9.062	-.1988	214.0	3.450	32440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4531	30.78	108.5	19.60	89780.	827.3
Stddev	.0707	.14	.5	1.71	169.	29.8
%RSD	15.60	.4531	.4947	8.721	.1879	3.598

#1	-.5319	30.65	108.0	21.16	89610.	831.0
#2	-.3953	30.92	108.5	17.77	89770.	855.1
#3	-.4320	30.78	109.1	19.87	89950.	795.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20020.	376.2	565.5	34.10	20.72	-2.637
Stddev	32.	.7	12.7	.37	1.21	.338
%RSD	.1617	.1765	2.253	1.093	5.815	12.83

#1	19990.	376.1	550.9	33.67	19.46	-2.294
#2	20050.	375.6	573.7	34.26	21.86	-2.970
#3	20020.	376.9	572.1	34.37	20.83	-2.646

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32128-D-6-E@4 Acquired: 10/15/2011 5:08:41 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2.449	-6.186	131.9	149.2	1.991	.6193
Stddev	.760	.920	.8	.1	.591	.2612
%RSD	31.03	14.87	.6117	.0956	29.66	42.18
#1	3.125	-5.183	131.2	149.2	1.592	.8402
#2	2.594	-6.990	131.8	149.0	1.712	.6866
#3	1.626	-6.386	132.8	149.3	2.669	.3310

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

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	4.392	33.14	1259.
Stddev	.260	.07	2.
%RSD	5.927	.2177	.1270
#1	4.575	33.21	1257.
#2	4.094	33.15	1259.
#3	4.506	33.07	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	2206.2	35825.	4815.3
Stddev	3.7	70.	7.8
%RSD	.16929	.19415	.16111
#1	2210.4	35793.	4809.5
#2	2205.1	35776.	4824.1
#3	2203.2	35904.	4812.2

Sample Name: 460-32128-D-7-E@4 Acquired: 10/15/2011 5:12:14 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33900.	6.244	-.0708	201.5	4.534	15460.
Stddev	70.	.806	.6823	.3	.073	63.
%RSD	.2073	12.90	963.3	.1557	1.613	.4094

#1	33830.	7.032	.7136	201.9	4.542	15470.
#2	33900.	6.277	-.5266	201.4	4.602	15520.
#3	33970.	5.422	-.3995	201.3	4.457	15400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7190	25.56	104.1	22.10	106800.	728.9
Stddev	.0748	.09	.6	.48	192.	8.2
%RSD	10.40	.3519	.5598	2.188	.1797	1.127

#1	-.6439	25.52	104.8	21.99	107000.	738.0
#2	-.7935	25.66	103.9	21.69	106800.	722.0
#3	-.7195	25.49	103.6	22.63	106700.	726.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10580.	414.9	535.0	33.62	20.21	-3.010
Stddev	22.	.5	10.5	.19	1.52	1.168
%RSD	.2088	.1113	1.954	.5661	7.503	38.80

#1	10600.	415.0	535.0	33.42	21.29	-1.664
#2	10590.	415.4	524.6	33.80	20.87	-3.754
#3	10560.	414.4	545.5	33.64	18.48	-3.613

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32128-D-7-E@4 Acquired: 10/15/2011 5:12:14 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-4.013	-6.790	120.1	153.0	.8628	-.1025
Stddev	3.201	.601	.2	.1	.7772	.1756
%RSD	797.5	8.851	.1433	.0764	90.07	171.4
#1	2.106	-7.197	120.2	152.9	.6890	.0727
#2	-4.007	-6.100	119.9	153.1	1.712	-.1015
#3	.6971	-7.073	120.0	153.0	.1873	-.2786

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	4.393	27.38	1212.
Stddev	.576	.16	1.
%RSD	13.10	.5986	.1062
#1	4.617	27.33	1211.
#2	4.823	27.57	1214.
#3	3.739	27.26	1212.

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	2236.5	36138.	4839.1
Stddev	2.0	184.	22.4
%RSD	.09156	.51003	.46193
#1	2234.2	35944.	4815.9
#2	2238.1	36161.	4841.0
#3	2237.2	36310.	4860.4

Sample Name: 460-32130-D-9-B@4 Acquired: 10/15/2011 5:15:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33820.	203.3	7.361	F 28380.	2.803	127200.
Stddev	149.	2.4	.912	9.	.134	604.
%RSD	.4391	1.159	12.39	.0316	4.786	.4750

#1	33660.	202.1	6.808	28380.	2.874	126600.
#2	33830.	206.1	8.414	28380.	2.886	127000.
#3	33960.	201.9	6.860	28390.	2.648	127800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	269.9	37.70	355.7	858.5	189700.	3234.
Stddev	.4	.21	.8	4.9	426.	18.
%RSD	.1350	.5473	.2278	.5663	.2246	.5651

#1	270.2	37.92	356.6	857.6	189400.	3254.
#2	269.5	37.67	355.7	854.1	190200.	3217.
#3	270.0	37.51	355.0	863.7	189500.	3232.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59170.	1902.	704.2	322.0	F 42270.	823.9
Stddev	195.	3.	5.3	.7	16.	2.2
%RSD	.3293	.1514	.7468	.2179	.0373	.2637

#1	59190.	1901.	699.8	322.1	42290.	825.5
#2	59350.	1905.	710.0	322.6	42260.	824.8
#3	58960.	1899.	702.7	321.2	42270.	821.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Sample Name: 460-32130-D-9-B@4 Acquired: 10/15/2011 5:15:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	44.01	-9.349	109.7	F 30860.	47.89	16.05
Stddev	2.84	.925	.5	19.	.16	.38
%RSD	6.464	9.899	.4902	.0604	.3264	2.341
#1	42.49	-10.41	109.2	30880.	48.04	15.63
#2	47.29	-8.934	110.3	30870.	47.73	16.19
#3	42.25	-8.704	109.7	30840.	47.91	16.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

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	1082.	411.8	1151.
Stddev	.	1.8	6.
%RSD	.0417	.4285	.5445
#1	1082.	410.0	1146.
#2	1082.	411.9	1150.
#3	1081.	413.5	1158.
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	2090.2	34063.	4704.1
Stddev	1.2	199.	26.4
%RSD	.05776	.58538	.56135
#1	2090.3	34009.	4728.9
#2	2088.9	33896.	4707.0
#3	2091.3	34284.	4676.3

Sample Name: CCV Acquired: 10/15/2011 5:19:15 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2494.	1255.	10150.	1013.	128700.
Stddev	347.	5.	1.	24.	1.	278.
%RSD	.2746	.1969	.1004	.2408	.1216	.2158

#1	126100.	2493.	1253.	10140.	1013.	128600.
#2	126500.	2490.	1255.	10130.	1014.	129100.
#3	126800.	2499.	1255.	10180.	1012.	128600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1267.	2509.	5125.	12710.	101900.	50340.
Stddev	3.	7.	3.	13.	133.	138.
%RSD	.2239	.2792	.0549	.1050	.1301	.2735

#1	1266.	2507.	5128.	12700.	102000.	50280.
#2	1264.	2502.	5124.	12720.	101900.	50500.
#3	1270.	2516.	5122.	12720.	101700.	50250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	5221.	124600.	2541.	7579.	1011.
Stddev	167.	13.	354.	8.	14.	4.
%RSD	.1323	.2506	.2840	.3095	.1811	.4244

#1	126500.	5232.	124300.	2542.	7575.	1012.
#2	126400.	5225.	124600.	2534.	7567.	1006.
#3	126200.	5206.	125000.	2549.	7594.	1015.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 5:19:15 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2443.	2571.	2530.	2505.	996.7	2525.
Stddev	9.	8.	1.	6.	1.0	5.
%RSD	.3663	.3300	.0557	.2308	.1021	.1924
#1	2438.	2572.	2532.	2507.	995.6	2522.
#2	2438.	2563.	2530.	2498.	997.0	2522.
#3	2454.	2579.	2529.	2509.	997.5	2531.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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.	5129.	10030.
Stddev	3.	12.	29.
%RSD	.2559	.2254	.2876
#1	1000.	5123.	9999.
#2	1005.	5142.	10040.
#3	1003.	5121.	10050.

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	1937.0	31929.	4466.4
Stddev	3.7	99.	9.3
%RSD	.19282	.30969	.20884
#1	1936.8	31818.	4469.8
#2	1940.9	31960.	4455.8
#3	1933.4	32008.	4473.5

Sample Name: CCB Acquired: 10/15/2011 5:22:35 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.59	-2.685	.1281	.8981	.1595	13.47
Stddev	10.54	2.023	.5824	.4817	.0519	7.44
%RSD	56.71	75.34	454.6	53.63	32.54	55.21

#1	13.91	-4.416	-.5410	1.438	.2194	8.507
#2	30.67	-3.179	.4039	.7446	.1327	22.02
#3	11.20	-.4612	.5215	.5118	.1265	9.887

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1087	.0778	-.0841	1.876	12.28	13.22
Stddev	.0727	.1748	.1282	.166	4.28	51.59
%RSD	66.85	224.6	152.5	8.833	34.87	390.2

#1	.0743	.1490	.0636	2.001	17.22	-36.37
#2	.0597	.2058	-.1497	1.688	9.781	66.61
#3	.1923	-.1213	-.1661	1.939	9.828	9.419

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.284	.4068	31.31	.0857	.9158	-.3377
Stddev	5.264	.1523	13.39	.0642	.4588	1.162
%RSD	72.26	37.45	42.76	74.89	50.10	344.2

#1	12.99	.5254	16.88	.1547	1.028	.7049
#2	6.235	.4600	43.33	.0278	1.308	-.1272
#3	2.624	.2350	33.72	.0746	.4114	-1.591

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 5:22:35 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.877	.4473	.4025	.4780	2.066	.7681
Stddev	3.370	.3891	.2893	.2664	1.256	.4597
%RSD	86.93	87.01	71.88	55.74	60.76	59.85
#1	7.582	.4695	.0885	.7400	2.943	1.274
#2	.9933	.8248	.6583	.4866	2.628	.6543
#3	3.056	.0475	.4607	.2074	.6280	.3760

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.4996	.2359	2.251
Stddev	.3757	.0998	.389
%RSD	75.19	42.30	17.26
#1	-.1368	.3290	2.699
#2	-.8869	.2482	2.007
#3	-.4751	.1306	2.048

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	2138.9	34905.	4570.0
Stddev	3.7	92.	16.5
%RSD	.17277	.26455	.36179
#1	2143.1	35008.	4564.6
#2	2137.1	34828.	4556.8
#3	2136.4	34881.	4588.5

Sample Name: 460-32303-F-1-C@4 Acquired: 10/15/2011 5:26:20 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37580.	42.70	-1.433	104.5	3.433	280.5
Stddev	91.	.73	.515	.3	.079	8.4
%RSD	.2428	1.719	35.96	.3260	2.294	2.991
#1	37480.	41.86	-1.526	104.2	3.353	276.9
#2	37630.	42.99	-1.896	104.9	3.510	274.5
#3	37640.	43.24	-8778	104.5	3.437	290.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4483	47.16	71.91	59.19	37420.	8361.
Stddev	.0617	.06	.36	3.08	131.	34.
%RSD	13.77	.1305	.4980	5.199	.3510	.4050
#1	.4667	47.21	72.32	57.40	37280.	8399.
#2	.4987	47.17	71.64	57.42	37470.	8333.
#3	.3795	47.09	71.77	62.74	37530.	8351.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2372.	73.46	217.4	62.72	101.9	-1.636
Stddev	6.	.08	9.0	.14	1.3	.560
%RSD	.2660	.1041	4.126	.2282	1.258	34.25
#1	2365.	73.38	226.1	62.63	102.3	-1.043
#2	2377.	73.52	208.2	62.89	100.5	-2.157
#3	2374.	73.49	217.9	62.64	103.0	-1.707

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-1-C@4 Acquired: 10/15/2011 5:26:20 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	4.661	-3.904	112.6	431.1	21.73	1.562
Stddev	.876	.500	.3	.4	.36	.099
%RSD	18.80	12.82	.2912	.0928	1.663	6.316
#1	4.322	-3.644	112.3	430.7	22.14	1.653
#2	5.656	-4.481	112.9	431.2	21.45	1.457
#3	4.005	-3.587	112.6	431.4	21.60	1.575

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	3.289	29.17	496.4
Stddev	.667	.10	2.1
%RSD	20.27	.3558	.4162
#1	2.797	29.06	494.0
#2	3.022	29.26	497.7
#3	4.048	29.21	497.5

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	2371.7	38484.	5105.4
Stddev	1.0	46.	22.7
%RSD	.04380	.12000	.44498
#1	2372.7	38525.	5129.6
#2	2370.6	38434.	5101.9
#3	2371.8	38493.	5084.6

Sample Name: 460-32303-F-2-C@4 Acquired: 10/15/2011 5:29:53 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2355.	-.3712	.3156	11.10	.1878	69.11
Stddev	11.	.8326	.4045	.13	.0259	10.18
%RSD	.4814	224.3	128.2	1.145	13.78	14.73

#1	2342.	.5816	.7818	11.19	.2127	59.56
#2	2363.	-.7361	.1066	11.15	.1610	79.82
#3	2360.	-.9590	.0584	10.95	.1897	67.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0187	4.327	3.424	1.676	11850.	412.2
Stddev	.0288	.156	.345	1.554	5.	20.6
%RSD	154.3	3.612	10.06	92.73	.0395	4.991

#1	.0467	4.465	3.765	2.962	11850.	432.2
#2	-.0109	4.157	3.432	2.117	11850.	413.1
#3	.0203	4.360	3.076	-.0509	11850.	391.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	597.4	41.86	92.75	4.796	4.029	-.6107
Stddev	1.9	.04	11.95	.306	.305	1.662
%RSD	.3164	.1021	12.89	6.387	7.577	272.2

#1	598.2	41.90	78.95	4.462	4.177	-2.166
#2	598.8	41.87	99.73	4.861	4.233	1.141
#3	595.3	41.82	99.58	5.065	3.678	-.8068

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-2-C@4 Acquired: 10/15/2011 5:29:53 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.466	.3180	8.140	93.20	2.176	.0268
Stddev	2.715	.2656	.341	.11	.209	.2409
%RSD	78.32	83.51	4.185	.1153	9.602	897.8
#1	6.459	.4593	8.349	93.17	2.254	.2781
#2	1.162	.4831	8.325	93.11	1.940	-.2023
#3	2.777	.0117	7.747	93.32	2.335	.0047

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.348	7.201	202.0
Stddev	.544	.042	.7
%RSD	40.41	.5831	.3253
#1	.8291	7.188	202.0
#2	1.299	7.166	201.3
#3	1.915	7.248	202.7

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	2164.6	35326.	4653.3
Stddev	3.9	117.	8.7
%RSD	.18038	.33184	.18774
#1	2162.9	35191.	4643.6
#2	2169.1	35397.	4660.5
#3	2161.9	35390.	4655.9

Sample Name: 460-32303-F-3-C@4 Acquired: 10/15/2011 5:33:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2823.	55.42	.1288	13.83	.2375	105.9
Stddev	17.	.06	.4372	.20	.0890	10.9
%RSD	.6018	.1033	339.5	1.478	37.49	10.24
#1	2834.	55.45	-.2733	13.89	.3190	118.5
#2	2804.	55.45	.5942	14.00	.2508	99.98
#3	2832.	55.35	.0655	13.60	.1425	99.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3132	29.90	4.793	8.172	74300.	537.8
Stddev	.0299	.22	.311	.893	22.	51.0
%RSD	9.561	.7280	6.478	10.93	.0296	9.483
#1	.2972	30.08	4.516	7.168	74280.	518.7
#2	.3478	29.66	4.735	8.473	74320.	595.6
#3	.2947	29.96	5.129	8.876	74300.	499.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	599.1	82.14	61.90	25.28	6.906	-3.140
Stddev	6.5	.11	10.09	.25	.973	.170
%RSD	1.079	.1374	16.30	.9957	14.09	5.410
#1	606.6	82.03	69.37	25.43	7.945	-2.980
#2	595.6	82.25	50.42	24.99	6.755	-3.318
#3	595.1	82.14	65.91	25.43	6.017	-3.122

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-3-C@4 Acquired: 10/15/2011 5:33:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.1051	-3.046	10.60	95.05	.0765	3.502
Stddev	1.295	1.199	.10	.23	.2161	.183
%RSD	1232.	39.35	.9675	.2392	282.6	5.237
#1	-1.262	-3.586	10.71	94.80	-.1503	3.696
#2	.2638	-3.879	10.50	95.13	.2802	3.331
#3	1.313	-1.672	10.60	95.23	.0995	3.480

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.9100	7.330	148.4
Stddev	.5288	.127	.5
%RSD	58.11	1.727	.3280
#1	.3134	7.466	149.0
#2	1.321	7.306	148.0
#3	1.096	7.217	148.3

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	2159.4	35271.	4667.0
Stddev	5.0	101.	25.7
%RSD	.23252	.28737	.55052
#1	2162.9	35164.	4639.1
#2	2161.6	35282.	4689.8
#3	2153.6	35366.	4671.9

Sample Name: 460-32303-F-4-C@4 Acquired: 10/15/2011 5:37:07 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20780.	55.37	.3337	144.4	6.803	2951.
Stddev	64.	1.40	.3154	.8	.111	10.
%RSD	.3090	2.525	94.51	.5462	1.624	.3223

#1	20750.	56.49	.5811	144.9	6.769	2947.
#2	20720.	53.81	.4414	144.9	6.926	2962.
#3	20850.	55.82	-.0214	143.5	6.713	2945.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.121	54.83	50.23	38.81	F 428700.	5164.
Stddev	.176	.21	.35	1.62	538.	14.
%RSD	8.289	.3848	.6893	4.168	.1256	.2793

#1	-2.216	54.59	50.12	37.24	428300.	5147.
#2	-2.228	54.99	50.62	40.47	429300.	5171.
#3	-1.918	54.90	49.95	38.71	428400.	5173.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5189.	1817.	-24.56	71.66	84.96	-9.614
Stddev	10.	3.	10.06	.13	1.05	.812
%RSD	.1971	.1378	40.96	.1772	1.239	8.448

#1	5183.	1819.	-14.90	71.52	84.35	-9.956
#2	5201.	1819.	-23.81	71.72	86.18	-10.20
#3	5183.	1814.	-34.98	71.75	84.36	-8.687

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-4-C@4 Acquired: 10/15/2011 5:37:07 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.16	-18.40	108.1	312.9	-1.923	5.559
Stddev	2.61	1.83	.3	1.0	.649	.251
%RSD	23.37	9.920	.2417	.3206	33.76	4.511
#1	14.17	-16.82	108.3	311.8	-1.575	5.517
#2	9.748	-18.00	108.3	313.0	-1.522	5.828
#3	9.570	-20.40	107.8	313.8	-2.672	5.331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	4.273	37.64	340.5
Stddev	.578	.09	2.1
%RSD	13.52	.2402	.6160
#1	3.767	37.63	338.1
#2	4.902	37.55	341.7
#3	4.148	37.73	341.7

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	2326.3	37579.	5062.9
Stddev	5.3	89.	1.9
%RSD	.22797	.23620	.03725
#1	2332.3	37506.	5061.9
#2	2323.7	37553.	5065.0
#3	2322.7	37678.	5061.6

Sample Name: 460-32303-F-5-C@4 Acquired: 10/15/2011 5:40:38 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28830.	26.38	-4399	51.47	1.325	2688.
Stddev	30.	.90	1.046	.19	.014	3.
%RSD	.1048	3.405	237.9	.3644	1.042	.1084

#1	28820.	27.05	.7182	51.28	1.324	2687.
#2	28800.	26.72	-1.318	51.65	1.311	2691.
#3	28860.	25.36	-7202	51.50	1.339	2686.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7013	2.352	88.27	54.13	119700.	5782.
Stddev	.0681	.195	.69	.85	559.	59.
%RSD	9.717	8.270	.7819	1.579	.4664	1.024

#1	-.7608	2.570	88.01	54.68	119100.	5798.
#2	-.6270	2.292	87.76	53.14	119900.	5717.
#3	-.7161	2.195	89.06	54.56	120200.	5832.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1553.	48.14	96.66	2.619	58.13	-4.386
Stddev	8.	.18	3.47	.049	.46	.814
%RSD	.5431	.3737	3.594	1.883	.7834	18.56

#1	1546.	48.00	93.44	2.652	58.01	-4.136
#2	1550.	48.08	96.20	2.563	57.74	-3.727
#3	1562.	48.34	100.3	2.643	58.63	-5.296

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-5-C@4 Acquired: 10/15/2011 5:40:38 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.745	-6.198	95.06	104.5	9.208	.9696
Stddev	2.560	1.069	.76	.4	.239	.2055
%RSD	146.7	17.24	.8009	.3546	2.593	21.19
#1	-1.1568	-5.303	94.27	104.6	9.097	1.203
#2	.7355	-7.381	95.79	104.8	9.044	.8155
#3	4.655	-5.910	95.12	104.1	9.482	.8903

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.114	50.04	351.5
Stddev	.528	.26	.4
%RSD	24.97	.5209	.1262
#1	2.701	49.98	351.1
#2	1.679	49.82	351.5
#3	1.962	50.33	351.9

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	2208.7	35906.	4778.0
Stddev	2.7	197.	20.1
%RSD	.12416	.54956	.41992
#1	2211.3	36105.	4756.9
#2	2205.8	35901.	4796.9
#3	2209.1	35710.	4780.3

Sample Name: 460-32303-F-6-C@4 Acquired: 10/15/2011 5:44:12 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1365.	2.621	-.0412	7.245	.1513	71.64
Stddev	21.	.844	.2657	.027	.0734	10.41
%RSD	1.563	32.21	645.5	.3701	48.54	14.53

#1	1371.	2.224	.1479	7.269	.0709	67.35
#2	1341.	2.048	-.3449	7.250	.1681	83.51
#3	1382.	3.590	.0735	7.216	.2149	64.07

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0157	4.056	1.670	6.226	32090.	155.6
Stddev	.0433	.251	.400	.561	100.	20.4
%RSD	275.2	6.192	23.95	9.011	.3107	13.11

#1	.0336	4.037	1.999	6.721	32080.	165.3
#2	-.0475	4.316	1.787	5.617	31990.	169.3
#3	-.0333	3.815	1.225	6.339	32190.	132.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	196.3	30.37	74.45	4.452	3.973	-1.849
Stddev	3.8	.09	4.94	.211	.470	.274
%RSD	1.929	.3101	6.640	4.736	11.83	14.79

#1	197.7	30.35	72.08	4.606	3.431	-1.699
#2	192.0	30.28	80.13	4.212	4.262	-2.165
#3	199.2	30.47	71.14	4.539	4.226	-1.684

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-6-C@4 Acquired: 10/15/2011 5:44:12 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.1103	-.7661	11.95	104.3	.7016	.6633
Stddev	1.011	1.067	.41	.1	.3031	.2901
%RSD	916.3	139.2	3.454	.1202	43.20	43.73
#1	-.9644	.4460	12.08	104.2	.9472	.9525
#2	.2531	-1.562	11.49	104.4	.3629	.3724
#3	1.042	-1.183	12.29	104.4	.7948	.6649

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.232	3.137	148.4
Stddev	.865	.167	1.3
%RSD	70.18	5.328	.8915
#1	.6577	3.004	149.3
#2	2.227	3.083	146.9
#3	.8122	3.325	149.0

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	2162.9	35127.	4615.9
Stddev	2.0	114.	14.5
%RSD	.09285	.32370	.31434
#1	2160.6	35006.	4631.1
#2	2164.3	35232.	4614.4
#3	2163.7	35142.	4602.2

Sample Name: 460-32303-F-7-C@4 Acquired: 10/15/2011 5:47:51 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15290.	11.55	.3352	48.71	1.226	408.0
Stddev	45.	1.36	.4736	.04	.037	10.7
%RSD	.2950	11.74	141.3	.0910	2.999	2.611

#1	15240.	12.30	.8793	48.75	1.211	416.6
#2	15300.	9.982	.1111	48.71	1.199	396.1
#3	15330.	12.36	.0152	48.67	1.268	411.3

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	-.2145	15.30	10.06	10.45	64140.	1091.
Stddev	.1764	.02	.24	2.41	257.	22.
%RSD	82.22	.1371	2.423	23.08	.4012	2.026

#1	-.1262	15.29	10.03	12.71	64040.	1097.
#2	-.0997	15.33	9.829	7.907	63940.	1110.
#3	-.4176	15.30	10.31	10.75	64430.	1067.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1917.	102.3	164.0	20.62	7.782	-1.701
Stddev	4.	.3	13.0	.13	.938	3.257
%RSD	.2093	.3093	7.938	.6518	12.05	191.5

#1	1917.	102.0	149.0	20.51	8.404	2.038
#2	1913.	102.2	171.6	20.77	8.239	-3.919
#3	1921.	102.7	171.5	20.57	6.703	-3.222

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-7-C@4 Acquired: 10/15/2011 5:47:51 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.9283	-2.365	48.50	115.0	1.700	.9439
Stddev	2.230	.451	.57	.3	.696	.1025
%RSD	240.2	19.07	1.169	.2325	40.93	10.86
#1	2.685	-2.885	48.67	114.8	1.051	1.053
#2	1.680	-2.119	48.96	115.3	1.614	.8502
#3	-1.580	-2.090	47.87	114.9	2.434	.9281

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.074	7.494	220.8
Stddev	.749	.004	.9
%RSD	69.79	.0518	.3980
#1	1.353	7.496	219.8
#2	1.643	7.496	221.1
#3	.2247	7.490	221.5

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	2196.0	35602.	4715.2
Stddev	10.5	95.	12.4
%RSD	.47591	.26709	.26227
#1	2207.1	35646.	4728.8
#2	2186.4	35666.	4712.2
#3	2194.7	35492.	4704.6

Sample Name: 460-32303-F-8-C@4 Acquired: 10/15/2011 5:51:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34000.	33.44	-1.647	59.15	1.280	921.4
Stddev	112.	1.02	.4071	.20	.071	8.0
%RSD	.3307	3.040	247.2	.3324	5.578	.8666

#1	33880.	34.29	.2007	58.92	1.316	918.3
#2	34020.	32.31	-.6035	59.25	1.326	915.4
#3	34100.	33.71	-.0913	59.27	1.197	930.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5226	4.041	84.47	50.97	83020.	6125.
Stddev	.0633	.271	.45	1.72	303.	59.
%RSD	12.12	6.704	.5294	3.382	.3654	.9584

#1	-.5919	4.002	84.13	48.97	82830.	6156.
#2	-.4678	3.792	84.98	51.95	82870.	6057.
#3	-.5080	4.329	84.32	51.97	83370.	6162.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3032.	79.84	150.9	9.895	61.60	-4.263
Stddev	6.	.26	9.8	.271	.86	1.646
%RSD	.1975	.3265	6.487	2.738	1.403	38.60

#1	3027.	79.67	140.4	10.21	61.27	-6.147
#2	3032.	79.72	152.6	9.709	60.95	-3.536
#3	3039.	80.14	159.7	9.771	62.58	-3.107

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-8-C@4 Acquired: 10/15/2011 5:51:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	3.066	-4.595	132.3	117.2	9.595	2.104
Stddev	1.063	1.655	.5	.1	.529	.308
%RSD	34.68	36.01	.3979	.1086	5.514	14.64
#1	2.408	-3.907	131.7	117.3	10.19	2.183
#2	2.498	-6.483	132.8	117.2	9.399	2.364
#3	4.293	-3.396	132.3	117.1	9.192	1.764

Check ? **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass** **Chk Pass**
High Limit
Low Limit

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	2.746	30.12	419.7
Stddev	.817	.14	2.2
%RSD	29.76	.4547	.5276
#1	2.021	29.98	417.3
#2	3.632	30.12	421.6
#3	2.586	30.25	420.3

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	2230.4	36068.	4796.9
Stddev	2.5	90.	11.5
%RSD	.10996	.24836	.23899
#1	2232.4	36132.	4808.2
#2	2227.6	35965.	4785.3
#3	2231.0	36106.	4797.2

Sample Name: 460-32303-F-9-C@4 Acquired: 10/15/2011 5:55:01 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25500.	26.98	-6199	154.5	7.846	1150.
Stddev	8.	1.30	.1809	.4	.092	7.
%RSD	.0295	4.811	29.18	.2870	1.178	.5999

#1	25500.	26.48	-.8285	153.9	7.802	1157.
#2	25500.	28.45	-.5241	154.7	7.785	1144.
#3	25510.	26.01	-.5070	154.8	7.953	1148.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0252	49.57	56.85	50.78	47790.	7623.
Stddev	.0705	.42	.52	2.84	125.	61.
%RSD	279.8	.8457	.9078	5.604	.2607	.8045

#1	-.0882	49.25	56.31	53.26	47680.	7629.
#2	-.0384	50.05	56.90	51.40	47750.	7681.
#3	.0510	49.41	57.34	47.67	47920.	7558.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6118.	390.2	200.7	66.13	50.31	-2.843
Stddev	23.	1.5	8.4	.30	.38	1.373
%RSD	.3743	.3833	4.161	.4575	.7556	48.30

#1	6098.	388.8	192.3	65.78	50.03	-4.411
#2	6113.	390.1	209.0	66.31	50.15	-2.261
#3	6143.	391.8	200.9	66.30	50.74	-1.857

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-9-C@4 Acquired: 10/15/2011 5:55:01 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.5622	-4.155	100.3	425.6	16.45	1.384
Stddev	.1677	.511	.4	1.6	.57	.192
%RSD	29.83	12.30	.4437	.3847	3.450	13.88
#1	.3771	-3.567	99.90	423.7	16.29	1.309
#2	.6057	-4.405	100.3	426.3	17.09	1.602
#3	.7039	-4.493	100.8	426.8	15.99	1.241

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.249	38.27	389.5
Stddev	.651	.05	1.9
%RSD	28.93	.1330	.4749
#1	2.394	38.25	387.4
#2	2.814	38.33	391.0
#3	1.538	38.24	390.1

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	2488.5	40605.	5331.2
Stddev	8.0	128.	10.8
%RSD	.32206	.31468	.20339
#1	2497.5	40624.	5318.7
#2	2482.2	40723.	5338.2
#3	2485.8	40469.	5336.7

Sample Name: 460-32303-F-10-C@4 Acquired: 10/15/2011 5:58:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22170.	13.00	-.0336	44.79	.3877	1211.
Stddev	38.	3.43	.2342	.11	.0139	20.
%RSD	.1730	26.36	696.6	.2490	3.596	1.628

#1	22170.	16.76	-.2594	44.80	.4038	1214.
#2	22130.	12.15	.2082	44.89	.3811	1190.
#3	22210.	10.07	-.0497	44.67	.3783	1229.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0266	.9782	25.15	17.15	23330.	1363.
Stddev	.0884	.2902	.21	2.07	106.	35.
%RSD	332.1	29.67	.8486	12.07	.4551	2.602

#1	-.0984	1.242	25.07	19.54	23310.	1378.
#2	.0722	1.025	24.98	15.84	23230.	1389.
#3	-.0536	.6676	25.39	16.07	23440.	1323.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	786.3	30.57	106.0	3.158	38.44	-2.591
Stddev	1.0	.12	8.5	.149	1.29	1.124
%RSD	.1271	.3767	7.998	4.724	3.345	43.38

#1	787.1	30.45	115.8	3.046	37.46	-3.885
#2	785.1	30.58	100.3	3.101	37.96	-2.025
#3	786.6	30.68	102.0	3.328	39.90	-1.862

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-10-C@4 Acquired: 10/15/2011 5:58:32 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.0749	-1.148	67.39	154.2	4.823	.6599
Stddev	1.287	.335	.45	.2	.252	.1034
%RSD	1718.	29.18	.6703	.1113	5.231	15.67
#1	-1.388	-1.7776	67.91	154.1	4.873	.5410
#2	-1.092	-1.429	67.11	154.1	4.549	.7288
#3	1.455	-1.238	67.15	154.4	5.046	.7100

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.983	12.64	103.5
Stddev	.527	.15	1.8
%RSD	26.58	1.180	1.742
#1	1.386	12.56	104.0
#2	2.383	12.82	105.1
#3	2.181	12.56	101.6

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	2163.8	35561.	4661.3
Stddev	6.6	182.	14.6
%RSD	.30457	.51054	.31404
#1	2157.3	35653.	4664.5
#2	2163.7	35679.	4674.0
#3	2170.5	35352.	4645.3

Sample Name: CCV Acquired: 10/15/2011 6:02:11 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	2484.	1252.	10120.	1009.	128200.
Stddev	512.	7.	2.	11.	4.	685.
%RSD	.4054	.2956	.1345	.1102	.3550	.5342

#1	125700.	2476.	1254.	10110.	1006.	127500.
#2	126400.	2490.	1251.	10130.	1010.	128400.
#3	126600.	2485.	1252.	10120.	1013.	128800.

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	1264.	2504.	5119.	12650.	101700.	50210.
Stddev	2.	5.	10.	44.	242.	238.
%RSD	.1515	.1850	.2044	.3489	.2377	.4729

#1	1262.	2500.	5113.	12600.	101500.	49970.
#2	1265.	2509.	5113.	12670.	101700.	50220.
#3	1264.	2502.	5131.	12690.	101900.	50450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	5217.	124600.	2535.	7570.	1005.
Stddev	389.	17.	458.	2.	11.	5.
%RSD	.3074	.3245	.3672	.0779	.1505	.5329

#1	126200.	5209.	124100.	2533.	7563.	999.3
#2	126300.	5206.	124800.	2537.	7583.	1010.
#3	126900.	5237.	124900.	2536.	7565.	1006.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 6:02:11 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2440.	2564.	2526.	2502.	991.7	2518.
Stddev	3.	2.	5.	4.	2.7	5.
%RSD	.1189	.0765	.1852	.1467	.2749	.1964
#1	2443.	2563.	2524.	2498.	988.7	2513.
#2	2440.	2566.	2522.	2506.	994.0	2523.
#3	2437.	2563.	2531.	2501.	992.4	2519.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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.	5118.	10010.
Stddev	2.	24.	39.
%RSD	.2193	.4627	.3896
#1	998.5	5094.	9963.
#2	1003.	5121.	10020.
#3	1002.	5141.	10040.

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	1947.1	31892.	4479.2
Stddev	.7	169.	19.4
%RSD	.03707	.52955	.43396
#1	1946.6	31921.	4501.6
#2	1946.8	32044.	4468.7
#3	1947.9	31710.	4467.2

Sample Name: CCB Acquired: 10/15/2011 6:05:30 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.18	-2.823	.6669	.4894	.1507	2.312
Stddev	11.30	1.256	.3379	.3498	.0701	5.579
%RSD	74.43	44.49	50.66	71.49	46.53	241.3

#1	28.10	-4.219	1.029	.8736	.1894	7.180
#2	10.24	-1.785	.6122	.4053	.1929	3.533
#3	7.192	-2.464	.3598	.1892	.0698	-3.776

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0877	.3645	-.0309	-.4141	12.27	-20.56
Stddev	.0141	.0540	.3696	4.337	5.67	.63
%RSD	16.04	14.81	1195.	1047.	46.24	3.077

#1	.0719	.4053	-.3358	-5.376	18.39	-19.83
#2	.0926	.3033	-.1372	1.477	11.23	-20.90
#3	.0988	.3850	.3801	2.657	7.185	-20.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.349	.2861	23.32	.2282	.3188	-1.113
Stddev	4.038	.1793	12.55	.2896	.4879	.625
%RSD	48.37	62.68	53.82	126.9	153.1	56.17

#1	12.92	.4519	37.04	-.1061	.8803	-.3924
#2	6.854	.3106	12.40	.4017	.0775	-1.510
#3	5.271	.0958	20.52	.3890	-.0015	-1.437

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 6:05:30 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5450	-.9996	-.1174	-.1359	1.819	.6881
Stddev	3.644	1.438	.2903	.2609	.752	.3929
%RSD	668.6	143.9	247.3	192.0	41.32	57.10
#1	-3.663	-.6176	.0332	.0688	2.512	1.141
#2	2.611	-2.591	-.4521	-.4296	1.020	.4454
#3	2.687	.2093	.0667	-.0468	1.925	.4774

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2130	.4164	1.649
Stddev	1.026	.2515	.754
%RSD	481.6	60.39	45.72
#1	.4809	.6093	1.469
#2	1.079	.5078	2.476
#3	-.9204	.1320	1.001

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	2151.4	35064.	4602.0
Stddev	6.5	124.	19.7
%RSD	.30172	.35241	.42711
#1	2156.4	35203.	4585.6
#2	2153.6	35024.	4623.8
#3	2144.0	34965.	4596.5

Sample Name: 460-32303-F-11-C@4 Acquired: 10/15/2011 6:09:15 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36700.	39.10	-1.211	96.46	3.259	312.1
Stddev	69.	1.40	.110	.54	.022	5.5
%RSD	.1875	3.573	9.039	.5571	.6816	1.776

#1	36670.	40.69	-1.164	95.92	3.282	305.8
#2	36650.	38.53	-1.133	96.46	3.237	316.3
#3	36770.	38.08	-1.336	97.00	3.258	314.2

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	3.356	46.29	57.15	49.64	31640.	8032.
Stddev	.068	.11	.35	4.97	193.	46.
%RSD	2.034	.2445	.6079	10.01	.6104	.5748

#1	3.277	46.41	57.38	47.39	31440.	8064.
#2	3.395	46.24	56.75	55.33	31650.	7979.
#3	3.396	46.20	57.32	46.18	31820.	8054.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2950.	118.4	192.4	59.00	59.89	-3.308
Stddev	16.	.4	7.4	.22	.85	1.204
%RSD	.5385	.3736	3.866	.3788	1.428	36.38

#1	2933.	117.9	189.9	58.75	60.60	-4.694
#2	2963.	118.7	186.5	59.06	58.94	-2.704
#3	2956.	118.7	200.8	59.19	60.11	-2.527

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-11-C@4 Acquired: 10/15/2011 6:09:15 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.303	-.8565	283.3	485.9	23.60	.8356
Stddev	1.266	.6143	1.6	2.5	.23	.2569
%RSD	97.20	71.72	.5602	.5053	.9577	30.75
#1	2.670	-.5726	281.4	483.5	23.74	.7310
#2	.1702	-1.561	283.9	485.8	23.72	1.128
#3	1.068	-.4355	284.4	488.4	23.34	.6476

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.236	30.64	422.9
Stddev	.383	.20	2.3
%RSD	17.12	.6560	.5473
#1	2.677	30.46	423.8
#2	2.035	30.61	420.3
#3	1.996	30.86	424.6

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	2362.9	38169.	5058.2
Stddev	2.5	102.	37.4
%RSD	.10536	.26640	.73848
#1	2364.2	38057.	5015.5
#2	2364.5	38194.	5074.6
#3	2360.0	38255.	5084.6

Sample Name: 460-32016-P-2-B DU Acquired: 10/15/2011 6:12:47 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	204.0	-2.581	.2041	119.5	.1588	111800.
Stddev	13.2	.501	.4267	.2	.0783	284.
%RSD	6.454	19.41	209.0	.1809	49.29	.2537
#1	190.2	-3.126	.6899	119.6	.2014	112100.
#2	216.4	-2.140	-.1104	119.7	.2065	111600.
#3	205.5	-2.478	.0330	119.3	.0685	111600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1303	.1679	1.694	1.595	362.1	11560.
Stddev	.0424	.0676	.127	2.283	9.9	17.
%RSD	32.58	40.26	7.491	143.1	2.734	.1452
#1	.1288	.0997	1.680	2.948	373.5	11580.
#2	.0886	.2349	1.827	-1.041	356.9	11570.
#3	.1734	.1692	1.574	2.879	355.9	11550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24450.	367.4	74750.	.6860	4.168	.0872
Stddev	24.	.2	166.	.3151	1.585	.6347
%RSD	.0976	.0531	.2219	45.93	38.03	728.1
#1	24470.	367.2	74940.	.3458	4.792	-.5356
#2	24430.	367.4	74660.	.9678	2.365	.7331
#3	24450.	367.6	74640.	.7442	5.345	.0640

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-2-B DU Acquired: 10/15/2011 6:12:47 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.1400	.8621	3.460	2.793	201.7	.1080
Stddev	1.164	1.287	.150	.179	.8	.0398
%RSD	831.0	149.3	4.332	6.394	.4211	36.89
#1	-.2941	2.292	3.536	2.953	202.5	.0723
#2	1.093	.4996	3.287	2.600	200.8	.1007
#3	-1.219	-.2052	3.556	2.826	201.9	.1510

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.9402	709.2	11.05
Stddev	.6150	1.4	.29
%RSD	65.41	.1978	2.650
#1	-1.538	710.8	10.92
#2	-.9738	708.1	11.38
#3	-.3090	708.9	10.84

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	2124.7	34064.	4695.6
Stddev	10.1	292.	19.5
%RSD	.47577	.85755	.41565
#1	2136.0	34383.	4708.7
#2	2121.7	33999.	4705.1
#3	2116.5	33810.	4673.2

Sample Name: 460-32016-P-2-A Acquired: 10/15/2011 6:16:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.8	-.2261	-.0497	120.6	.0681	112300.
Stddev	8.0	2.297	.3577	.1	.0097	90.
%RSD	4.040	1016.	720.2	.0909	14.32	.0801

#1	200.4	.5175	.1965	120.5	.0730	112200.
#2	204.1	-2.803	.1145	120.7	.0568	112300.
#3	188.8	1.607	-.4600	120.6	.0743	112400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4251	.0641	1.103	-1.432	353.9	11500.
Stddev	.0772	.2364	.350	6.005	8.3	32.
%RSD	18.17	368.9	31.71	419.3	2.336	.2782

#1	.3812	.3299	.7476	-.3878	362.7	11470.
#2	.3799	-.1222	1.447	-7.892	346.4	11530.
#3	.5143	-.0155	1.116	3.982	352.5	11500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24580.	369.2	75470.	.6121	17.52	1.362
Stddev	60.	.9	74.	.3576	.94	2.017
%RSD	.2421	.2534	.0985	58.42	5.341	148.1

#1	24530.	368.1	75560.	.9690	16.44	1.273
#2	24650.	369.9	75420.	.2538	18.04	-.6093
#3	24570.	369.5	75440.	.6136	18.08	3.422

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-2-A Acquired: 10/15/2011 6:16:27 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.276	.2476	3.292	4.220	203.5	-.0043
Stddev	2.238	.5615	.089	.090	1.1	.3440
%RSD	175.4	226.8	2.702	2.131	.5581	8059.
#1	-1.971	-.0126	3.340	4.201	204.8	.3899
#2	-3.084	-.1366	3.347	4.318	203.1	-.2439
#3	1.227	.8920	3.189	4.141	202.7	-.1589

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2945	713.5	12.23
Stddev	.2882	1.9	.71
%RSD	97.88	.2648	5.769
#1	.0139	711.4	11.51
#2	.5898	714.5	12.26
#3	.2798	714.7	12.92

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	2108.9	33886.	4706.0
Stddev	10.2	224.	30.8
%RSD	.48410	.65977	.65414
#1	2119.5	34143.	4738.4
#2	2107.8	33741.	4702.4
#3	2099.2	33773.	4677.2

Sample Name: SD 460-32016-P-2-A@5 Acquired: 10/15/2011 6:20:05 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.47	-1.058	.2164	24.26	.0515	23000.
Stddev	6.47	2.246	.9193	.35	.0462	240.
%RSD	13.09	212.4	424.9	1.459	89.81	1.041

#1	48.26	-3.649	1.278	24.57	.0407	23170.
#2	43.69	.1325	-.3204	24.33	.1022	23100.
#3	56.47	.3434	-.3084	23.87	.0116	22720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0133	.2779	.3749	1.702	74.96	2309.
Stddev	.0427	.1941	.1891	4.325	5.68	15.
%RSD	320.8	69.85	50.44	254.2	7.582	.6650

#1	.0039	.3051	.4437	-2.397	71.88	2310.
#2	-.0239	.0716	.1610	6.223	81.52	2324.
#3	.0599	.4570	.5200	1.280	71.47	2293.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4940.	74.85	15070.	.3089	3.103	-.2276
Stddev	56.	.92	145.	.3557	.690	1.314
%RSD	1.141	1.231	.9609	115.1	22.23	577.1

#1	4978.	75.49	15180.	.1272	2.906	-.5576
#2	4968.	75.26	15120.	.7187	2.532	-1.345
#3	4875.	73.79	14910.	.0808	3.869	1.220

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32016-P-2-A@5 Acquired: 10/15/2011 6:20:05 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.835	-1.451	1.160	7.403	39.48	-.0962
Stddev	.764	.338	.408	.113	.76	.1515
%RSD	41.64	23.31	35.19	1.521	1.912	157.5
#1	1.097	-1.064	.9647	7.438	39.96	.0551
#2	2.622	-1.601	1.629	7.494	39.88	-.2479
#3	1.785	-1.689	.8863	7.277	38.61	-.0957

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.0592	144.8	3.360
Stddev	.7223	1.6	.559
%RSD	1220.	1.120	16.65
#1	-.0712	145.9	3.121
#2	.6690	145.6	4.000
#3	-.7754	142.9	2.961

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	2154.0	34792.	4643.6
Stddev	10.2	247.	19.4
%RSD	.47371	.71012	.41735
#1	2144.9	34773.	4628.7
#2	2152.0	34555.	4636.6
#3	2165.0	35048.	4665.5

Sample Name: 460-32016-P-2-C MS Acquired: 10/15/2011 6:23:45 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2176.	1964.	50.69	2085.	49.87	130700.
Stddev	4.	4.	.28	2.	.15	305.
%RSD	.1915	.2010	.5528	.0898	.3043	.2334

#1	2174.	1968.	50.39	2087.	49.76	131000.
#2	2181.	1965.	50.94	2086.	50.05	130900.
#3	2174.	1960.	50.74	2083.	49.82	130400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.09	494.2	206.6	251.3	1380.	31060.
Stddev	.26	1.1	.2	1.5	14.	116.
%RSD	.5199	.2143	.1107	.5856	.9970	.3728

#1	50.27	495.1	206.3	251.4	1389.	31130.
#2	50.19	494.6	206.6	252.7	1386.	31120.
#3	49.79	493.0	206.8	249.7	1364.	30930.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44720.	898.5	94000.	500.2	505.7	497.8
Stddev	62.	1.8	48.	.8	.4	2.6
%RSD	.1377	.1968	.0511	.1575	.0734	.5254

#1	44700.	899.3	93990.	500.4	505.5	500.1
#2	44790.	899.7	93950.	499.4	506.1	498.5
#3	44680.	896.4	94050.	500.9	505.4	495.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-2-C MS Acquired: 10/15/2011 6:23:45 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1322.	2057.	505.3	500.0	708.6	488.0
Stddev	4.	5.	1.0	.7	.4	.5
%RSD	.3273	.2531	.1942	.1469	.0629	.1003
#1	1317.	2063.	504.6	500.2	709.1	487.5
#2	1323.	2057.	504.8	500.6	708.5	488.5
#3	1325.	2052.	506.4	499.2	708.2	487.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	493.6	1199.	506.7
Stddev	.6	3.	2.3
%RSD	.1179	.2775	.4550
#1	492.9	1199.	509.2
#2	493.9	1202.	504.6
#3	493.8	1196.	506.3

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	2110.0	33737.	4739.2
Stddev	7.4	147.	15.6
%RSD	.34870	.43559	.32918
#1	2117.6	33898.	4756.7
#2	2102.9	33611.	4734.0
#3	2109.4	33702.	4726.9

Sample Name: PDS 460-32016-P-2-A Acquired: 10/15/2011 6:27:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2183.	1948.	42.96	2066.	49.59	129300.
Stddev	17.	2.	.47	2.	.12	146.
%RSD	.7671	.0918	1.087	.0808	.2520	.1127

#1	2166.	1947.	43.19	2067.	49.65	129200.
#2	2199.	1946.	42.43	2064.	49.44	129300.
#3	2184.	1949.	43.27	2066.	49.67	129500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.13	489.6	205.0	249.1	1359.	30860.
Stddev	.10	.8	1.6	1.0	9.	13.
%RSD	.1971	.1657	.7977	.3880	.6431	.0432

#1	50.17	489.6	206.8	248.8	1368.	30870.
#2	50.01	488.8	203.8	250.2	1358.	30870.
#3	50.20	490.4	204.3	248.3	1351.	30850.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44180.	890.0	92470.	496.1	515.1	491.5
Stddev	51.	.2	59.	.7	2.3	3.0
%RSD	.1158	.0232	.0639	.1344	.4532	.6186

#1	44230.	889.9	92410.	496.8	514.4	494.7
#2	44130.	890.3	92520.	495.6	513.3	488.6
#3	44190.	890.0	92490.	495.8	517.7	491.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32016-P-2-A Acquired: 10/15/2011 6:27:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1919.	2042.	500.9	497.3	701.7	484.5
Stddev	5.	7.	.5	1.2	1.7	.9
%RSD	.2794	.3255	.0930	.2502	.2435	.1940
#1	1917.	2041.	501.2	497.6	700.9	483.6
#2	1916.	2036.	501.0	496.0	700.5	484.4
#3	1926.	2049.	500.3	498.4	703.6	485.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	487.2	1187.	503.9
Stddev	1.1	1.	1.5
%RSD	.2294	.0462	.2953
#1	486.8	1187.	504.8
#2	486.4	1187.	504.7
#3	488.5	1186.	502.2

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	2109.3	33640.	4737.9
Stddev	9.9	171.	45.7
%RSD	.47062	.50974	.96504
#1	2118.9	33829.	4769.9
#2	2110.0	33595.	4758.2
#3	2099.1	33495.	4685.5

Sample Name: 460-32016-P-3-A Acquired: 10/15/2011 6:30:30 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	153.7	11.64	.7284	200.6	.0949	244600.
Stddev	12.4	1.05	.3384	.4	.0121	725.
%RSD	8.039	9.021	46.46	.1956	12.72	.2964

#1	145.6	12.43	.4013	200.2	.0849	245300.
#2	147.5	12.04	1.077	201.0	.1083	243900.
#3	167.9	10.44	.7067	200.6	.0916	244500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1797	2.529	.8395	-.2878	16000.	10160.
Stddev	.0095	.163	.4002	1.230	48.	46.
%RSD	5.263	6.449	47.68	427.3	.2985	.4526

#1	-.1689	2.629	1.259	.1332	16050.	10180.
#2	-.1835	2.340	.7979	.6762	15960.	10110.
#3	-.1866	2.616	.4616	-1.673	16000.	10190.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26220.	3332.	206600.	6.316	2.467	1.452
Stddev	76.	5.	1201.	.154	1.559	2.359
%RSD	.2884	.1395	.5812	2.442	63.20	162.5

#1	26300.	3337.	208000.	6.481	.8735	2.174
#2	26210.	3328.	206100.	6.292	3.989	-1.184
#3	26150.	3331.	205800.	6.175	2.537	3.365

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-3-A Acquired: 10/15/2011 6:30:30 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.831	-1.639	5.292	15.41	240.1	2.028
Stddev	3.166	1.525	.428	.08	.8	.331
%RSD	172.9	93.04	8.081	.5230	.3465	16.31
#1	5.483	-3.096	5.738	15.35	239.1	2.409
#2	.1527	-3.303	4.886	15.39	240.6	1.872
#3	-.1430	-1.303	5.252	15.50	240.5	1.805

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.1889	1030.	14.12
Stddev	.6262	3.	.63
%RSD	331.5	.2564	4.451
#1	-.8532	1031.	13.59
#2	.3906	1027.	14.82
#3	-.1041	1032.	13.96

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	2062.5	33021.	4728.4
Stddev	4.2	69.	53.5
%RSD	.20508	.20826	1.1309
#1	2061.3	33069.	4676.8
#2	2059.0	32943.	4724.8
#3	2067.2	33053.	4783.6

Sample Name: 460-32016-P-4-A Acquired: 10/15/2011 6:34:07 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	78.70	14.60	-1.175	161.2	.0205	81850.
Stddev	7.18	1.25	.8972	.3	.0678	290.
%RSD	9.123	8.525	763.6	.1959	330.4	.3543

#1	84.11	14.52	-1.104	160.9	.0903	82040.
#2	81.44	13.39	.1024	161.1	-.0452	81520.
#3	70.55	15.88	.6493	161.5	.0166	82000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0396	.6479	.7201	-.5337	8876.	9797.
Stddev	.0299	.2511	.1757	.4773	27.	58.
%RSD	75.44	38.75	24.40	89.42	.3033	.5910

#1	-.0670	.4885	.9204	-.5897	8862.	9864.
#2	-.0077	.9373	.5917	-.9806	8907.	9760.
#3	-.0441	.5179	.6483	-.0309	8860.	9767.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	74570.	1151.	41980.	.2789	.8155	-.0054
Stddev	36.	1.	97.	.1414	1.258	1.050
%RSD	.0477	.0994	.2310	50.71	154.3	19420.

#1	74540.	1150.	41950.	.1165	1.687	-.5869
#2	74610.	1150.	41910.	.3447	-.6270	-.6364
#3	74560.	1152.	42090.	.3754	1.387	1.207

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-4-A Acquired: 10/15/2011 6:34:07 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.689	-.9585	2.340	1.329	188.6	1.532
Stddev	.979	1.528	.534	.185	.5	.282
%RSD	57.96	159.4	22.81	13.90	.2835	18.41
#1	.5589	.1113	1.731	1.330	188.6	1.476
#2	2.280	-.2784	2.727	1.144	188.0	1.283
#3	2.228	-2.708	2.562	1.513	189.1	1.839

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.0172	433.8	6.524
Stddev	.0454	1.5	.363
%RSD	264.0	.3350	5.563
#1	.0695	434.3	6.833
#2	-.0060	432.2	6.616
#3	-.0119	434.9	6.124

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	2155.8	34919.	4877.6
Stddev	11.1	98.	37.3
%RSD	.51421	.27938	.76568
#1	2168.1	35032.	4894.2
#2	2152.6	34860.	4903.8
#3	2146.6	34866.	4834.8

Sample Name: 460-32016-P-5-A Acquired: 10/15/2011 6:37:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12480.	3.723	.2033	153.1	.1453	124300.
Stddev	40.	.412	.5808	.5	.0623	31.
%RSD	.3169	11.08	285.7	.2987	42.84	.0252

#1	12520.	3.943	.4934	152.9	.1961	124300.
#2	12490.	3.247	.5818	153.6	.1640	124400.
#3	12440.	3.979	-4654	152.8	.0759	124300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0271	12.18	4.989	87.06	24630.	9910.
Stddev	.0952	.21	.041	2.98	78.	23.
%RSD	351.2	1.716	.8307	3.423	.3156	.2322

#1	.1300	11.96	4.942	83.85	24540.	9890.
#2	.0092	12.37	5.020	89.74	24630.	9905.
#3	-.0579	12.21	5.005	87.59	24700.	9935.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19680.	945.7	53920.	13.81	33.22	.1249
Stddev	63.	3.2	151.	.13	.76	1.468
%RSD	.3204	.3354	.2797	.9500	2.278	1175.

#1	19640.	943.3	54090.	13.86	33.93	-.2708
#2	19650.	944.6	53870.	13.91	32.42	1.751
#3	19750.	949.3	53790.	13.66	33.30	-1.105

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-5-A Acquired: 10/15/2011 6:37:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-3.279	-1.189	28.57	52.90	119.1	1.269
Stddev	3.823	1.587	.23	.24	.4	.180
%RSD	116.6	133.4	.7934	.4454	.3015	14.19
#1	1.028	.6168	28.51	52.87	119.5	1.236
#2	-6.270	-2.359	28.37	53.14	118.9	1.463
#3	-4.594	-1.825	28.82	52.67	118.9	1.108

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.903	689.8	351.0
Stddev	.333	1.2	2.2
%RSD	17.51	.1682	.6240
#1	1.906	688.5	350.1
#2	1.568	690.7	353.5
#3	2.235	690.3	349.4

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	2179.9	34874.	4842.8
Stddev	5.9	196.	23.2
%RSD	.27134	.56066	.47830
#1	2186.0	35096.	4869.4
#2	2174.2	34802.	4827.2
#3	2179.6	34725.	4831.9

Sample Name: 460-32016-P-6-A Acquired: 10/15/2011 6:41:24 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	310.3	.4077	.2148	169.5	.1400	169900.
Stddev	13.7	3.473	.5556	.4	.1442	664.
%RSD	4.400	851.8	258.6	.2256	103.0	.3910

#1	319.6	1.411	.8042	169.4	.0377	170600.
#2	294.6	-3.456	-.2994	169.2	.3050	169300.
#3	316.6	3.268	.1397	169.9	.0774	169700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1613	.3663	1.983	-1.039	16430.	18430.
Stddev	.1023	.2187	.564	1.938	49.	64.
%RSD	63.42	59.71	28.43	186.5	.2965	.3455

#1	-.2792	.5939	1.903	.9915	16420.	18510.
#2	-.0950	.3474	1.463	-1.241	16480.	18390.
#3	-.1098	.1577	2.582	-2.869	16390.	18410.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	162200.	2044.	145700.	.6860	3.210	.7059
Stddev	88.	5.	134.	.2643	.318	1.275
%RSD	.0544	.2392	.0920	38.53	9.915	180.6

#1	162300.	2050.	145800.	.7436	3.498	-.1881
#2	162100.	2040.	145600.	.9167	2.868	.1403
#3	162200.	2043.	145700.	.3976	3.262	2.165

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-6-A Acquired: 10/15/2011 6:41:24 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.198	.5069	7.771	66.25	328.5	.2532
Stddev	4.431	2.207	.185	.14	.3	.1358
%RSD	369.8	435.5	2.382	.2045	.0836	53.63
#1	6.299	2.938	7.695	66.14	328.6	.4056
#2	-1.707	-1.372	7.982	66.40	328.2	.1450
#3	-.9969	-.0454	7.636	66.20	328.8	.2091

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2849	1059.	16.80
Stddev	.3289	5.	.41
%RSD	115.5	.4361	2.465
#1	.3655	1063.	17.13
#2	.5661	1054.	16.34
#3	-.0768	1059.	16.94

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	2070.2	33012.	4751.8
Stddev	11.2	181.	31.0
%RSD	.54292	.54905	.65260
#1	2082.0	33146.	4778.0
#2	2068.9	33085.	4717.6
#3	2059.6	32806.	4759.8

Sample Name: CCV Acquired: 10/15/2011 6:45:03 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	2465.	1236.	10010.	1001.	127200.
Stddev	264.	8.	1.	13.	2.	383.
%RSD	.2121	.3116	.0874	.1272	.2056	.3010

#1	124400.	2473.	1236.	10030.	998.8	126700.
#2	124400.	2463.	1237.	10010.	1002.	127400.
#3	124900.	2458.	1235.	10000.	1003.	127400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1252.	2471.	5071.	12550.	100500.	50230.
Stddev	1.	4.	2.	19.	19.	139.
%RSD	.1196	.1580	.0324	.1498	.0189	.2768

#1	1254.	2476.	5069.	12530.	100500.	50080.
#2	1251.	2468.	5073.	12550.	100500.	50350.
#3	1251.	2470.	5070.	12570.	100500.	50270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	5208.	122500.	2503.	7477.	994.5
Stddev	172.	18.	121.	4.	5.	2.5
%RSD	.1368	.3489	.0990	.1519	.0669	.2530

#1	125400.	5192.	122400.	2507.	7482.	994.6
#2	125800.	5228.	122500.	2500.	7472.	996.9
#3	125700.	5205.	122700.	2502.	7477.	991.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 6:45:03 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2416.	2545.	2496.	2469.	981.9	2491.
Stddev	4.	2.	1.	2.	.5	2.
%RSD	.1622	.0591	.0399	.0680	.0463	.0986
#1	2421.	2546.	2494.	2471.	981.5	2494.
#2	2414.	2546.	2496.	2467.	982.4	2489.
#3	2415.	2543.	2496.	2469.	981.8	2491.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	987.1	5098.	9874.
Stddev	3.4	11.	5.
%RSD	.3440	.2219	.0460
#1	989.0	5085.	9875.
#2	983.2	5105.	9869.
#3	989.1	5103.	9877.

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	1971.8	32002.	4526.7
Stddev	6.6	139.	12.7
%RSD	.33610	.43304	.28132
#1	1964.1	31852.	4541.1
#2	1975.5	32029.	4522.0
#3	1975.7	32125.	4516.9

Sample Name: CCB Acquired: 10/15/2011 6:48:22 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.098	-1.233	.2536	.4984	.1165	12.12
Stddev	6.913	1.605	.6676	.3379	.0293	10.64
%RSD	85.37	130.2	263.2	67.80	25.19	87.81

#1	10.76	-1.558	.9184	.8772	.1458	24.23
#2	13.28	.5102	.2594	.3901	.0871	7.831
#3	.2487	-2.651	-.4169	.2279	.1166	4.287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0437	.1647	.1733	.2763	13.37	35.55
Stddev	.0644	.0674	.3440	2.101	8.20	23.00
%RSD	147.4	40.92	198.4	760.5	61.31	64.71

#1	.1029	.2379	.5692	.6292	16.22	10.69
#2	.0530	.1051	-.0523	2.179	19.76	39.88
#3	-.0249	.1512	.0030	-1.979	4.130	56.08

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.688	.3736	45.09	-.0060	.5820	.6211
Stddev	3.329	.1614	4.53	.2475	.6098	.7385
%RSD	34.37	43.19	10.04	4130.	104.8	118.9

#1	11.59	.5239	46.33	-.0280	.8630	1.121
#2	11.63	.3940	40.07	.2518	-.1176	.9693
#3	5.844	.2031	48.87	-.2417	1.001	-.2271

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 6:48:22 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.629	-.2596	-.1634	-.0578	2.313	.8955
Stddev	2.194	1.773	.1225	.1897	.495	.5259
%RSD	134.7	683.1	74.98	328.4	21.42	58.73
#1	-.4439	-.4002	-.0700	.1509	2.563	1.502
#2	1.404	-1.959	-.1181	-.2200	2.633	.6094
#3	3.927	1.580	-.3021	-.1042	1.742	.5747

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.0428	.3695	1.573
Stddev	.4172	.0255	.884
%RSD	973.8	6.913	56.23
#1	.4927	.3782	1.957
#2	-.0328	.3896	2.200
#3	-.3314	.3408	.5614

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	2199.6	35738.	4672.3
Stddev	3.7	232.	36.8
%RSD	.16910	.64972	.78690
#1	2196.1	35570.	4638.6
#2	2203.5	35643.	4666.8
#3	2199.1	36003.	4711.5

Sample Name: MB 460-89518/1-A Acquired: 10/15/2011 6:52:07 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.18	-2.683	-.2216	.0760	.1051	12.76
Stddev	6.85	.836	.5053	.1244	.0761	11.11
%RSD	67.34	31.15	228.0	163.7	72.35	87.08

#1	16.02	-3.610	.1972	.0488	.0188	23.77
#2	2.635	-2.450	-.7829	.2116	.1624	1.552
#3	11.88	-1.988	-.0792	-.0326	.1342	12.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0476	.1912	-.3507	.8133	3.045	52.69
Stddev	.1067	.0389	.2963	2.104	7.812	48.98
%RSD	224.0	20.34	84.48	258.7	256.6	92.94

#1	-.0459	.2245	-.0921	3.239	-5.757	25.85
#2	.0582	.1484	-.2860	-.5192	5.732	23.01
#3	-.1552	.2006	-.6740	-.2797	9.158	109.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.602	.0435	24.99	-.2925	.0773	-.3643
Stddev	.606	.0377	5.96	.0544	1.394	.7320
%RSD	13.17	86.74	23.86	18.59	1803.	200.9

#1	5.286	.0707	31.07	-.2317	.4370	-1.103
#2	4.387	.0593	24.74	-.3366	1.256	.3610
#3	4.133	.0004	19.16	-.3091	-1.461	-.3511

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89518/1-A Acquired: 10/15/2011 6:52:07 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2.493	.2318	-.1777	-.2529	1.557	.1242
Stddev	2.648	.9204	.3079	.1661	.883	.2128
%RSD	106.2	397.1	173.3	65.68	56.72	171.3
#1	.8127	-.7663	-.3416	-.4145	.6353	-.0250
#2	5.545	.4146	-.3690	-.0826	2.395	.0298
#3	1.121	1.047	.1775	-.2617	1.640	.3679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.3651	.1263	-.4497
Stddev	.4417	.1092	.6987
%RSD	121.0	86.47	155.4
#1	-.2477	.0145	.3554
#2	-.8536	.2328	-.8977
#3	.0060	.1316	-.8068

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	2217.5	36360.	4753.1
Stddev	15.4	128.	30.2
%RSD	.69238	.35105	.63621
#1	2231.9	36418.	4784.8
#2	2219.3	36447.	4749.8
#3	2201.3	36213.	4724.6

Sample Name: LCS 460-89518/2-A Acquired: 10/15/2011 6:55:50 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1984.	1889.	49.48	1957.	49.19	20560.
Stddev	8.	2.	.78	4.	.14	44.
%RSD	.4144	.0853	1.568	.1940	.2746	.2149

#1	1980.	1887.	50.29	1956.	49.06	20580.
#2	1994.	1889.	48.74	1961.	49.33	20590.
#3	1979.	1890.	49.40	1953.	49.19	20510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.22	495.2	202.2	251.0	1008.	19520.
Stddev	.18	1.2	.4	2.1	4.	100.
%RSD	.3488	.2370	.1754	.8460	.4131	.5103

#1	50.17	495.8	201.8	248.6	1004.	19510.
#2	50.41	496.0	202.4	252.6	1007.	19630.
#3	50.08	493.9	202.4	251.8	1013.	19430.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19870.	526.1	19290.	505.6	510.2	481.3
Stddev	18.	.8	47.	1.1	2.0	2.3
%RSD	.0931	.1453	.2454	.2139	.3931	.4833

#1	19880.	525.5	19320.	506.2	509.8	480.5
#2	19880.	526.9	19240.	506.3	512.4	483.9
#3	19850.	525.8	19310.	504.4	508.5	479.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: LCS 460-89518/2-A Acquired: 10/15/2011 6:55:50 Type: QC

Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	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	1900.	2146.	489.1	497.2	498.6	480.8
Stddev	2.	2.	1.4	1.2	1.4	1.1
%RSD	.0946	.0808	.2891	.2464	.2862	.2340

#1	1898.	2148.	490.4	497.2	497.4	479.8
#2	1902.	2145.	489.3	498.4	500.2	482.0
#3	1899.	2145.	487.6	495.9	498.4	480.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	490.3	481.9	489.3
Stddev	1.7	1.7	1.2
%RSD	.3404	.3572	.2507

#1	489.8	481.0	489.1
#2	492.1	483.9	488.1
#3	488.9	480.8	490.6

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	2188.7	35307.	4750.3
Stddev	6.8	154.	20.5
%RSD	.31085	.43597	.43180

#1	2196.5	35480.	4773.7
#2	2183.7	35186.	4735.5
#3	2185.9	35255.	4741.5

Sample Name: 460-32016-P-7-A Acquired: 10/15/2011 6:59:12 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	210.5	2.032	.4175	154.7	.0811	F 294400.
Stddev	7.4	1.505	.6236	.3	.0862	814.
%RSD	3.504	74.09	149.4	.2108	106.3	.2766

#1	218.5	3.719	.0145	154.4	.0067	295300.
#2	208.9	1.546	.1022	155.0	.1756	294200.
#3	204.0	.8294	1.136	154.8	.0609	293700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0686	3.090	9.772	13.40	7220.	8579.
Stddev	.0703	.126	.439	1.78	26.	52.
%RSD	102.6	4.090	4.493	13.26	.3534	.6070

#1	.1387	2.961	10.23	12.30	7211.	8526.
#2	-.0020	3.096	9.355	12.44	7249.	8630.
#3	.0690	3.213	9.730	15.45	7200.	8580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8416.	1583.	7586.	18.02	7.430	5.496
Stddev	20.	3.	33.	.30	.728	.474
%RSD	.2321	.2076	.4342	1.684	9.793	8.633

#1	8437.	1586.	7580.	18.10	8.117	6.018
#2	8412.	1583.	7556.	17.68	7.506	5.092
#3	8399.	1580.	7621.	18.27	6.668	5.379

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-7-A Acquired: 10/15/2011 6:59:12 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.2249	-2.621	13.44	32.91	112.8	5.537
Stddev	.5830	.627	.31	.12	.8	.123
%RSD	259.2	23.92	2.330	.3694	.7191	2.224
#1	.1185	-2.871	13.18	32.87	113.0	5.653
#2	.1048	-3.084	13.78	33.05	111.9	5.408
#3	-.8981	-1.907	13.35	32.81	113.4	5.549

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.1791	1277.	19.20
Stddev	.5004	2.	.63
%RSD	279.4	.1440	3.258
#1	.6276	1279.	19.77
#2	-.3607	1278.	19.29
#3	.2705	1275.	18.53

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	2117.6	33934.	4745.7
Stddev	5.3	209.	50.5
%RSD	.25222	.61557	1.0647
#1	2116.9	34056.	4766.8
#2	2123.2	34053.	4782.2
#3	2112.6	33693.	4688.0

Sample Name: 460-32016-P-8-A Acquired: 10/15/2011 7:02:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	189.7	3.782	-1.853	146.8	.0956	F 303700.
Stddev	15.1	1.717	.5079	.3	.0485	515.
%RSD	7.980	45.41	274.1	.1994	50.75	.1695
#1	201.0	1.913	.3818	146.6	.0948	304300.
#2	172.5	5.290	-.3390	146.8	.1445	303300.
#3	195.6	4.142	-.5986	147.2	.0475	303700.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0319	.8158	1.108	1.090	4122.	9787.
Stddev	.0053	.0062	.362	.224	24.	77.
%RSD	16.72	.7541	32.68	20.55	.5925	.7909
#1	-.0374	.8165	1.086	1.341	4100.	9873.
#2	-.0267	.8216	1.480	.9105	4148.	9722.
#3	-.0315	.8094	.7571	1.019	4116.	9767.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	192100.	2047.	17170.	2.384	3.002	2.002
Stddev	1007.	8.	25.	.492	.779	.911
%RSD	.5243	.3918	.1431	20.65	25.95	45.53
#1	190900.	2038.	17200.	1.915	3.424	2.915
#2	192900.	2050.	17150.	2.896	2.103	1.092
#3	192400.	2053.	17170.	2.341	3.479	1.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-8-A Acquired: 10/15/2011 7:02:50 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2.204	-2.335	2.391	6.111	117.9	.3317
Stddev	3.157	.475	.481	.230	.5	.1068
%RSD	143.2	20.36	20.11	3.770	.4007	32.18
#1	.8362	-2.846	2.365	6.159	117.6	.3209
#2	-.0374	-2.254	1.923	5.860	117.6	.2308
#3	5.814	-1.906	2.884	6.313	118.4	.4435

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.6292	1147.	17.30
Stddev	1.411	1.	.48
%RSD	224.2	.1208	2.761
#1	-.3321	1148.	17.80
#2	-2.165	1146.	17.26
#3	.6092	1148.	16.85

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	2067.0	33350.	4778.4
Stddev	17.7	407.	19.7
%RSD	.85643	1.2193	.41327
#1	2086.2	33820.	4800.8
#2	2051.3	33123.	4770.9
#3	2063.6	33108.	4763.6

Sample Name: 460-32016-P-11-A Acquired: 10/15/2011 7:06:29 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	678.5	33.61	.6257	347.8	.0632	182500.
Stddev	10.2	2.29	.4732	.5	.1341	522.
%RSD	1.497	6.813	75.62	.1339	212.0	.2861

#1	669.7	32.11	1.103	348.0	-.0905	183100.
#2	689.6	32.46	.6172	348.2	.1245	182200.
#3	676.2	36.24	.1568	347.3	.1558	182200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0093	.8526	1.828	5.444	5587.	11470.
Stddev	.1130	.0622	.023	2.911	15.	32.
%RSD	1214.	7.293	1.258	53.47	.2767	.2797

#1	.1386	.7838	1.824	8.421	5589.	11510.
#2	-.0398	.8695	1.808	5.307	5602.	11450.
#3	-.0708	.9047	1.853	2.604	5571.	11460.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23020.	1911.	36330.	4.412	2.694	3.112
Stddev	40.	3.	50.	.139	.638	1.027
%RSD	.1744	.1368	.1381	3.140	23.68	33.01

#1	23070.	1914.	36280.	4.335	3.242	2.339
#2	23000.	1911.	36370.	4.572	2.845	2.718
#3	23000.	1909.	36350.	4.330	1.994	4.277

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-11-A Acquired: 10/15/2011 7:06:29 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-3.297	-1.620	5.512	7.363	159.1	4.481
Stddev	.623	1.105	.374	.224	.7	.052
%RSD	18.90	68.21	6.785	3.036	.4097	1.165
#1	-3.620	-3.448	5.710	7.158	158.5	4.515
#2	-2.579	-2.297	5.081	7.602	159.8	4.507
#3	-3.693	-2.217	5.745	7.330	159.1	4.421

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-4.771	950.4	43.09
Stddev	.7356	3.0	.68
%RSD	154.2	.3188	1.567
#1	-1.268	953.9	43.30
#2	.1862	949.2	43.64
#3	-.3492	948.2	42.34

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	2173.9	34921.	4876.0
Stddev	3.8	77.	20.7
%RSD	.17578	.22075	.42409
#1	2177.9	34838.	4872.8
#2	2173.5	34935.	4857.1
#3	2170.3	34991.	4898.1

Sample Name: 460-32016-P-12-A Acquired: 10/15/2011 7:10:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1220.	3.109	.3082	309.5	.1417	155200.
Stddev	15.	.301	.1686	.5	.0649	610.
%RSD	1.236	9.691	54.71	.1683	45.82	.3928

#1	1238.	2.772	.1174	309.9	.2137	155500.
#2	1211.	3.352	.3700	309.8	.1241	155600.
#3	1211.	3.203	.4373	309.0	.0874	154500.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0231	1.240	4.382	5.830	16640.	31250.
Stddev	.0506	.087	.353	1.489	31.	81.
%RSD	219.2	6.983	8.047	25.54	.1850	.2587

#1	-.0455	1.301	4.718	7.335	16670.	31280.
#2	.0349	1.278	4.413	5.799	16640.	31310.
#3	-.0586	1.141	4.015	4.357	16610.	31160.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66490.	1202.	182100.	4.853	35.00	.8881
Stddev	175.	3.	396.	.158	.12	.5755
%RSD	.2632	.2727	.2174	3.259	.3510	64.81

#1	66670.	1205.	182400.	5.007	35.06	.2397
#2	66480.	1202.	182300.	4.861	35.08	1.339
#3	66320.	1198.	181700.	4.691	34.86	1.086

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-12-A Acquired: 10/15/2011 7:10:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.050	-0.0997	7.594	35.16	543.9	.1503
Stddev	3.091	1.486	.039	.18	.9	.2844
%RSD	294.5	1490.	.5110	.5010	.1703	189.3
#1	-2.283	-1.256	7.628	35.35	544.3	.0003
#2	2.468	1.577	7.603	35.11	544.6	-.0277
#3	-3.334	-.6196	7.552	35.01	542.8	.4783

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.9562	1083.	47.41
Stddev	.7261	5.	1.15
%RSD	75.94	.4354	2.416
#1	1.251	1084.	47.72
#2	.1291	1086.	46.15
#3	1.489	1077.	48.37

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	2126.4	34112.	4865.1
Stddev	7.2	138.	24.1
%RSD	.34000	.40514	.49590
#1	2132.6	34225.	4884.3
#2	2118.4	34153.	4873.0
#3	2128.2	33958.	4838.0

Sample Name: 460-32016-P-13-A Acquired: 10/15/2011 7:13:45 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10740.	6.831	-.0438	428.3	.8214	87190.
Stddev	34.	1.805	.5714	.7	.0330	168.
%RSD	.3202	26.42	1305.	.1608	4.024	.1932

#1	10770.	5.680	.0717	427.6	.7856	87350.
#2	10710.	5.902	-.6642	429.0	.8278	87010.
#3	10750.	8.910	.4611	428.4	.8508	87200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1994	9.510	21.41	33.16	29360.	36340.
Stddev	.1078	.315	.12	3.26	40.	128.
%RSD	54.06	3.314	.5611	9.838	.1351	.3532

#1	.2764	9.873	21.52	34.70	29310.	36440.
#2	.0762	9.302	21.29	29.41	29380.	36200.
#3	.2455	9.356	21.43	35.37	29390.	36390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57440.	1247.	206000.	26.34	129.2	.1608
Stddev	51.	1.	495.	.29	.7	2.051
%RSD	.0888	.0863	.2405	1.096	.5533	1276.

#1	57440.	1246.	206500.	26.06	128.6	-.0979
#2	57390.	1247.	205800.	26.64	130.0	-1.749
#3	57490.	1248.	205600.	26.33	129.0	2.329

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-13-A Acquired: 10/15/2011 7:13:45 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.3312	-2.006	30.58	250.5	593.2	.4630
Stddev	2.815	.314	.56	.6	1.2	.2632
%RSD	849.8	15.63	1.846	.2587	.2049	56.84
#1	2.083	-2.069	31.22	249.9	591.8	.4799
#2	1.827	-1.665	30.35	250.4	593.6	.1918
#3	-2.916	-2.283	30.16	251.2	594.1	.7174

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	3.209	694.2	262.5
Stddev	.753	1.4	1.1
%RSD	23.45	.1968	.4229
#1	4.074	695.3	263.8
#2	2.705	692.6	261.9
#3	2.849	694.6	261.9

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	2168.9	34864.	4920.6
Stddev	5.8	163.	7.9
%RSD	.26617	.46846	.16005
#1	2175.1	35011.	4925.6
#2	2163.6	34892.	4924.8
#3	2168.2	34688.	4911.6

Sample Name: 460-32016-P-14-A Acquired: 10/15/2011 7:17:18 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13910.	14.34	.4653	289.0	.9036	58110.
Stddev	50.	.99	.6930	.9	.0716	428.
%RSD	.3579	6.931	148.9	.3232	7.926	.7358

#1	13860.	15.46	.6377	288.8	.8759	57660.
#2	13930.	14.00	-.2977	290.0	.8500	58160.
#3	13950.	13.56	1.056	288.1	.9849	58520.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.072	14.11	39.11	61.09	44190.	49950.
Stddev	.066	.30	.22	1.62	171.	352.
%RSD	2.139	2.133	.5517	2.659	.3870	.7037

#1	3.139	13.82	38.87	60.43	44050.	49590.
#2	3.007	14.42	39.28	62.94	44140.	49960.
#3	3.069	14.09	39.19	59.89	44380.	50300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	87410.	1007.	F 290200.	49.37	308.9	-.5495
Stddev	296.	5.	2305.	.23	3.1	1.571
%RSD	.3382	.4703	.7942	.4701	.9941	286.0

#1	87110.	1001.	287900.	49.17	307.0	-2.359
#2	87420.	1008.	290200.	49.32	312.5	.4769
#3	87700.	1011.	292500.	49.63	307.3	.2330

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-32016-P-14-A Acquired: 10/15/2011 7:17:18 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.100	-.7599	39.96	951.6	916.0	.9887
Stddev	2.643	.8637	.41	2.6	2.9	.2876
%RSD	240.3	113.7	1.038	.2714	.3209	29.09
#1	-1.739	-1.264	39.49	949.1	912.8	.6780
#2	3.488	-1.253	40.27	954.2	918.5	1.042
#3	1.551	.2374	40.13	951.6	916.7	1.246

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	9.143	642.1	396.7
Stddev	.815	4.8	3.4
%RSD	8.916	.7451	.8581
#1	8.621	637.4	392.8
#2	10.08	642.1	398.7
#3	8.725	646.9	398.7

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	2154.8	34094.	4888.2
Stddev	9.1	233.	60.0
%RSD	.42024	.68294	1.2272
#1	2165.2	34333.	4956.2
#2	2148.6	34083.	4842.7
#3	2150.7	33867.	4865.8

Sample Name: 460-32016-P-15-A Acquired: 10/15/2011 7:20:57 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122.8	3.174	.4033	141.8	.0120	92030.
Stddev	6.7	.109	.6764	.4	.1109	232.
%RSD	5.418	3.424	167.7	.2654	927.9	.2524
#1	115.2	3.084	.4151	142.0	-.0299	92300.
#2	125.4	3.295	-.2790	142.1	.1377	91880.
#3	127.7	3.143	1.074	141.4	-.0719	91910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2402	1.470	1.284	1.545	26200.	11310.
Stddev	.0517	.022	.433	4.449	47.	39.
%RSD	21.53	1.514	33.71	288.0	.1792	.3483
#1	-.1864	1.491	1.718	3.801	26200.	11280.
#2	-.2447	1.447	1.282	4.413	26150.	11350.
#3	-.2895	1.473	.8522	-3.580	26240.	11290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16170.	882.0	28240.	2.974	45.01	-.1128
Stddev	32.	1.4	139.	.165	1.23	1.220
%RSD	.1964	.1634	.4925	5.531	2.733	1082.
#1	16160.	882.7	28350.	2.793	45.28	1.091
#2	16140.	880.4	28300.	3.113	46.09	-1.348
#3	16200.	883.0	28080.	3.017	43.67	-.0816

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-15-A Acquired: 10/15/2011 7:20:57 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.0667	-.9496	2.266	6.556	182.0	-.1903
Stddev	1.747	1.100	.250	.133	.7	.2475
%RSD	2620.	115.9	11.02	2.035	.3999	130.1
#1	.4708	-1.979	2.536	6.671	182.5	.0402
#2	1.576	.2098	2.043	6.410	182.3	-.1593
#3	-1.847	-1.080	2.218	6.587	181.1	-.4519

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.5212	569.8	38.42
Stddev	.8283	.9	.59
%RSD	158.9	.1605	1.543
#1	-1.474	570.9	38.22
#2	-.1153	569.1	37.95
#3	.0257	569.6	39.09

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	2209.5	35348.	4896.8
Stddev	3.2	106.	14.3
%RSD	.14414	.30010	.29275
#1	2206.4	35458.	4881.2
#2	2209.3	35341.	4899.8
#3	2212.8	35246.	4909.3

Sample Name: 460-32016-P-16-A Acquired: 10/15/2011 7:24:36 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	258.2	.7980	.2300	206.3	.0553	103800.
Stddev	19.3	1.447	.1796	.6	.0571	46.
%RSD	7.481	181.3	78.11	.3068	103.1	.0442
#1	280.5	-.6812	.3368	206.9	.0736	103900.
#2	248.2	.8655	.0226	206.4	-.0086	103800.
#3	246.0	2.210	.3305	205.7	.1010	103800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0213	1.434	2.820	9.146	7248.	11240.
Stddev	.0290	.232	.214	3.053	33.	38.
%RSD	135.9	16.14	7.569	33.38	.4585	.3341
#1	.0081	1.226	2.935	9.711	7223.	11240.
#2	.0546	1.684	2.574	5.850	7286.	11200.
#3	.0013	1.393	2.952	11.88	7234.	11270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19940.	784.3	34700.	4.402	41.74	-.7829
Stddev	57.	3.9	201.	.170	.69	.4366
%RSD	.2842	.5026	.5796	3.859	1.655	55.77
#1	19930.	783.7	34790.	4.576	40.96	-.3342
#2	20000.	788.6	34470.	4.236	41.97	-.8082
#3	19880.	780.8	34850.	4.395	42.28	-1.206

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-16-A Acquired: 10/15/2011 7:24:36 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.9749	.8151	2.610	12.40	192.5	-.0741
Stddev	.6676	.5205	.430	.25	.9	.3369
%RSD	68.48	63.85	16.48	2.040	.4431	454.4
#1	-.2258	1.414	2.116	12.40	191.7	-.4485
#2	-1.507	.5619	2.901	12.66	193.4	.0214
#3	-1.192	.4697	2.814	12.15	192.5	.2046

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.2265	637.6	58.70
Stddev	.1914	.1	1.42
%RSD	84.51	.0190	2.413
#1	-.0390	637.8	58.70
#2	-.4216	637.6	57.29
#3	-.2188	637.6	60.12

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	2200.7	35223.	4902.6
Stddev	1.3	148.	6.1
%RSD	.06108	.41993	.12415
#1	2199.7	35330.	4909.5
#2	2202.2	35055.	4898.0
#3	2200.3	35286.	4900.3

Sample Name: CCV Acquired: 10/15/2011 7:28:17 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	2453.	1240.	9986.	996.3	126100.
Stddev	482.	6.	3.	18.	1.6	139.
%RSD	.3868	.2593	.2428	.1758	.1644	.1103

#1	124600.	2448.	1236.	9969.	997.7	126200.
#2	124100.	2460.	1241.	10000.	994.5	126000.
#3	125100.	2451.	1242.	9984.	996.8	126100.

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	1246.	2468.	5049.	12500.	100300.	49630.
Stddev	2.	7.	12.	29.	225.	45.
%RSD	.1625	.3019	.2295	.2313	.2244	.0909

#1	1244.	2460.	5036.	12530.	100000.	49630.
#2	1248.	2474.	5058.	12470.	100400.	49580.
#3	1246.	2470.	5052.	12510.	100400.	49670.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	5148.	123100.	2494.	7454.	991.2
Stddev	417.	11.	487.	5.	15.	5.3
%RSD	.3345	.2137	.3954	.2143	.2009	.5372

#1	124300.	5136.	123300.	2488.	7439.	990.6
#2	125100.	5157.	122600.	2499.	7469.	996.8
#3	124900.	5150.	123500.	2494.	7455.	986.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 7:28:17 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2415.	2541.	2497.	2460.	981.9	2488.
Stddev	8.	8.	5.	7.	3.8	5.
%RSD	.3374	.3091	.2054	.3035	.3897	.1887

#1	2405.	2532.	2492.	2451.	977.5	2483.
#2	2419.	2544.	2502.	2465.	983.8	2492.
#3	2420.	2547.	2499.	2464.	984.3	2488.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	987.2	5038.	9845.
Stddev	4.3	11.	31.
%RSD	.4373	.2168	.3103

#1	982.5	5051.	9866.
#2	988.0	5031.	9810.
#3	991.0	5033.	9860.

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	1987.1	32587.	4597.4
Stddev	4.4	87.	3.2
%RSD	.22050	.26573	.06919

#1	1990.5	32648.	4600.9
#2	1982.2	32488.	4594.8
#3	1988.7	32624.	4596.4

Sample Name: CCB Acquired: 10/15/2011 7:31:36 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.53	-1.750	.2788	.2086	.1116	17.46
Stddev	9.53	.745	.2529	.0927	.0414	7.99
%RSD	61.38	42.54	90.69	44.45	37.09	45.78

#1	19.66	-1.062	.4582	.3157	.1158	16.13
#2	4.630	-2.541	-.0104	.1544	.0682	26.04
#3	22.31	-1.649	.3886	.1558	.1507	10.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0705	.1307	-.2267	2.433	7.797	15.66
Stddev	.0358	.1405	.4236	1.253	7.194	21.07
%RSD	50.78	107.5	186.9	51.50	92.27	134.6

#1	.1111	-.0246	-.4526	2.166	3.060	.6432
#2	.0568	.1678	.2620	3.798	16.07	6.578
#3	.0435	.2490	-.4894	1.335	4.256	39.74

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.263	.1548	54.14	-.0284	.1146	2.081
Stddev	4.238	.0344	16.50	.1780	.9941	1.498
%RSD	80.53	22.23	30.48	627.0	867.3	71.99

#1	10.07	.1940	72.04	.1496	.3577	3.464
#2	3.643	.1411	39.53	-.0283	.9646	.4898
#3	2.073	.1294	50.86	-.2065	-.9785	2.288

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 7:31:36 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.130	-.5485	.2546	.0908	2.459	1.046
Stddev	2.257	1.294	.3297	.0873	.452	.641
%RSD	199.6	235.9	129.5	96.17	18.37	61.34
#1	-1.228	-.0330	.2398	.0039	2.878	1.774
#2	3.269	.4083	.5914	.0900	2.519	.8014
#3	1.350	-2.021	-.0675	.1786	1.981	.5624

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	.2725	.1480	1.407
Stddev	.7673	.0946	1.013
%RSD	281.6	63.93	71.99
#1	.8272	.1912	2.566
#2	-.6032	.2133	.9568
#3	.5935	.0395	.6970

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	2208.2	36133.	4731.5
Stddev	8.8	79.	28.8
%RSD	.39643	.21923	.60798
#1	2218.0	36177.	4699.8
#2	2205.6	36180.	4756.0
#3	2201.1	36041.	4738.8

Sample Name: 4460-32016-P-17-A Acquired: 10/15/2011 7:35:16 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	658.3	2.378	.1201	264.9	.0309	115800.
Stddev	10.1	1.146	.3666	.3	.0693	155.
%RSD	1.526	48.22	305.3	.1178	224.2	.1335

#1	647.0	1.464	.1363	265.0	-.0145	115700.
#2	661.4	3.664	.4783	265.0	-.0035	116000.
#3	666.4	2.005	-.2544	264.5	.1107	115800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0143	1.574	4.291	8.770	3322.	12840.
Stddev	.0480	.151	.249	.552	16.	31.
%RSD	334.7	9.588	5.812	6.298	.4771	.2429

#1	.0685	1.502	4.003	8.139	3323.	12870.
#2	-.0022	1.472	4.450	9.006	3338.	12840.
#3	-.0232	1.748	4.419	9.165	3306.	12810.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22600.	668.6	35540.	4.816	123.2	-.5628
Stddev	52.	1.3	58.	.257	.3	1.125
%RSD	.2297	.1998	.1620	5.339	.2766	199.9

#1	22640.	668.5	35490.	4.775	122.8	.2457
#2	22620.	670.0	35600.	4.582	123.4	-.0867
#3	22540.	667.3	35540.	5.091	123.3	-1.847

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 4460-32016-P-17-A Acquired: 10/15/2011 7:35:16 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-1.979	.5826	5.172	24.72	214.1	.0122
Stddev	3.587	.8587	.400	.11	.2	.1641
%RSD	181.3	147.4	7.734	.4446	.0976	1346.
#1	-5.946	-.0488	5.608	24.83	214.4	.1267
#2	1.039	1.560	4.823	24.73	214.0	.0856
#3	-1.031	.2363	5.083	24.61	214.0	-.1758

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	1.980	717.2	72.57
Stddev	.696	1.2	.51
%RSD	35.16	.1648	.7070
#1	2.646	716.0	72.54
#2	2.038	718.4	73.10
#3	1.257	717.2	72.08

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	2200.9	35344.	4872.0
Stddev	2.4	84.	26.5
%RSD	.11123	.23874	.54380
#1	2203.6	35420.	4896.9
#2	2198.8	35253.	4844.2
#3	2200.3	35358.	4875.0

Sample Name: 460-32016-P-18-A Acquired: 10/15/2011 7:38:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	73.24	.2475	.0110	75.09	.0911	63530.
Stddev	7.63	2.768	.1332	.08	.1170	236.
%RSD	10.42	1118.	1206.	.1120	128.4	.3720

#1	81.88	-1.534	-.1230	75.18	-.0407	63690.
#2	70.43	3.436	.1434	75.08	.1824	63650.
#3	67.42	-1.160	.0127	75.01	.1317	63260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0460	-.0320	.3734	-.5043	1140.	8362.
Stddev	.0795	.1550	.5826	3.620	4.	66.
%RSD	172.8	483.8	156.0	717.8	.3752	.7870

#1	-.0172	-.1784	.8846	-4.639	1141.	8429.
#2	.1352	.1303	.4966	2.095	1135.	8359.
#3	.0200	-.0481	-.2608	1.031	1144.	8297.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9221.	611.5	25240.	.8022	2.500	.9002
Stddev	15.	1.6	27.	.0900	.589	.2391
%RSD	.1605	.2563	.1063	11.22	23.56	26.56

#1	9238.	613.3	25240.	.7119	2.903	.7384
#2	9212.	610.8	25270.	.8028	1.824	.7874
#3	9212.	610.5	25210.	.8919	2.772	1.175

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-18-A Acquired: 10/15/2011 7:38:46 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-2883	.3970	.5234	1.488	118.0	.5584
Stddev	2.456	1.878	.4632	.192	.2	.2457
%RSD	852.0	473.2	88.51	12.93	.2051	44.00
#1	2.261	1.016	.3046	1.670	118.2	.8299
#2	-2.640	1.887	1.055	1.287	118.1	.4940
#3	-4.864	-1.713	.2100	1.507	117.7	.3513

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-1.162	408.2	5.402
Stddev	.539	1.5	.343
%RSD	46.38	.3646	6.342
#1	-1.323	409.2	5.753
#2	-.5611	408.8	5.384
#3	-1.603	406.5	5.068

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	2221.3	35751.	4879.7
Stddev	.9	78.	15.2
%RSD	.04275	.21956	.31247
#1	2222.3	35826.	4883.1
#2	2220.9	35669.	4863.0
#3	2220.6	35758.	4892.9

Sample Name: 460-32016-P-21-A Acquired: 10/15/2011 7:42:22 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.940	-2.009	.4072	.0291	.0953	17.74
Stddev	10.22	.916	.4914	.1097	.0740	11.75
%RSD	102.8	45.60	120.7	377.2	77.64	66.22

#1	.1629	-2.829	.9477	.0927	.0117	4.770
#2	9.103	-1.021	-.0127	.0922	.1524	27.67
#3	20.56	-2.176	.2867	-.0976	.1218	20.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0917	.1834	-.5256	-.6183	9.930	72.07
Stddev	.0372	.0885	.2933	2.697	6.799	19.82
%RSD	40.54	48.25	55.79	436.3	68.47	27.50

#1	.0887	.0829	-.2062	-3.706	14.32	82.92
#2	.0561	.2174	-.5881	.5739	2.099	84.10
#3	.1302	.2497	-.7827	1.278	13.37	49.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.072	.0814	50.94	.1674	-.9097	.1704
Stddev	3.918	.0541	9.68	.0816	.8867	.8488
%RSD	365.5	66.50	19.01	48.73	97.47	498.2

#1	3.760	.1388	39.93	.2613	-1.326	.7859
#2	-3.423	.0742	58.12	.1275	.1086	-.7980
#3	2.879	.0312	54.77	.1135	-1.511	.5232

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32016-P-21-A Acquired: 10/15/2011 7:42:22 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.2892	-.0955	.0370	-.1568	51.18	.0763
Stddev	3.818	.9004	.3067	.2677	.20	.1716
%RSD	1320.	942.5	828.3	170.8	.3850	224.8
#1	4.445	.0125	-.2597	.1486	51.40	-.0953
#2	-3.062	-1.045	.0180	-.2675	51.02	.0763
#3	-.5156	.7460	.3528	-.3514	51.12	.2479

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.2940	.0469	.3434
Stddev	.9434	.1483	.5876
%RSD	320.9	316.3	171.1
#1	.7253	.1881	-.2999
#2	-1.137	.0602	.8518
#3	-.4709	-.1076	.4783

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	2282.0	36926.	4865.5
Stddev	5.0	187.	25.4
%RSD	.21738	.50530	.52255
#1	2287.7	37113.	4841.7
#2	2279.7	36740.	4892.3
#3	2278.6	36924.	4862.6

Sample Name: 460-32017-B-1-A Acquired: 10/15/2011 7:46:03 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	996.5	-8.223	.5316	71.21	.0118	105000.
Stddev	4.4	1.110	.4385	.19	.0261	91.
%RSD	.4412	135.0	82.49	.2720	220.6	.0869

#1	1001.	-2.097	1.035	71.27	-.0180	105100.
#2	995.0	-.0722	.3291	71.00	.0302	105000.
#3	993.0	-.2973	.2309	71.37	.0233	105000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0977	1.859	933.6	32.91	323.6	48690.
Stddev	.0873	.248	1.7	5.40	10.3	40.
%RSD	89.39	13.35	.1824	16.40	3.170	.0816

#1	.0397	1.656	932.2	30.34	334.4	48730.
#2	.1981	2.135	935.5	39.11	314.0	48670.
#3	.0552	1.785	933.1	29.27	322.4	48660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.09	8.830	67700.	39.44	10.74	3.799
Stddev	2.71	.048	168.	.26	.84	1.797
%RSD	3.566	.5468	.2485	.6659	7.824	47.29

#1	76.12	8.854	67740.	39.48	11.01	3.617
#2	78.79	8.861	67840.	39.16	9.796	5.680
#3	73.37	8.774	67510.	39.68	11.41	2.101

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32017-B-1-A Acquired: 10/15/2011 7:46:03 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.054	-.2847	2.437	22.99	2.505	38.11
Stddev	3.055	.9979	.305	.08	.282	.26
%RSD	289.9	350.5	12.53	.3549	11.27	.6845
#1	4.550	-.4443	2.585	23.08	2.253	37.94
#2	-.2864	-1.193	2.641	22.94	2.810	37.98
#3	-1.102	.7834	2.086	22.95	2.453	38.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.4696	9362.	10.85
Stddev	.1972	85.	.91
%RSD	42.00	.9078	8.370
#1	-.2939	9360.	9.839
#2	-.4319	9279.	11.59
#3	-.6829	9449.	11.13

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	2151.7	34516.	4792.5
Stddev	4.4	209.	18.3
%RSD	.20322	.60414	.38087
#1	2153.4	34757.	4812.7
#2	2154.9	34389.	4787.8
#3	2146.7	34403.	4777.1

Sample Name: 460-32017-B-2-A Acquired: 10/15/2011 7:49:51 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	730.1	-.5618	.6070	42.56	.1598	43000.
Stddev	8.2	.9115	.6815	.26	.0121	105.
%RSD	1.125	162.2	112.3	.5994	7.564	.2447

#1	725.8	-1.387	.8033	42.41	.1487	43120.
#2	725.0	.4164	1.169	42.42	.1581	42920.
#3	739.6	-.7145	-.1511	42.86	.1727	42960.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4863	1.360	1300.	86.63	6275.	2131.
Stddev	.0565	.006	3.	1.72	32.	33.
%RSD	11.62	.4498	.2029	1.992	.5161	1.568

#1	.4444	1.365	1298.	84.65	6251.	2168.
#2	.4638	1.353	1300.	87.41	6263.	2103.
#3	.5505	1.363	1303.	87.83	6312.	2121.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4941.	104.2	14330.	12.97	3.997	-3.086
Stddev	3.	.2	48.	.24	.876	.838
%RSD	.0669	.2363	.3343	1.851	21.91	27.16

#1	4943.	104.1	14340.	12.81	3.154	-2.298
#2	4937.	104.0	14270.	13.24	3.934	-2.992
#3	4942.	104.5	14370.	12.85	4.902	-3.967

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32017-B-2-A Acquired: 10/15/2011 7:49:51 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.839	-.1098	2.441	34.00	24.68	5.520
Stddev	.600	1.066	.460	.10	.34	.127
%RSD	21.12	970.8	18.84	.3014	1.390	2.305
#1	2.486	-1.296	2.906	33.90	25.02	5.394
#2	3.531	.2004	2.431	34.11	24.68	5.518
#3	2.499	.7666	1.986	34.00	24.34	5.649

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	2.854	173.6	16.96
Stddev	1.041	.6	.90
%RSD	36.50	.3208	5.330
#1	2.273	174.2	16.17
#2	2.232	173.1	16.77
#3	4.056	173.7	17.95

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	2213.4	36037.	4851.0
Stddev	8.2	353.	19.7
%RSD	.37238	.97983	.40637
#1	2220.0	36333.	4873.3
#2	2216.1	36133.	4836.1
#3	2204.2	35646.	4843.4

Sample Name: 460-32017-B-3-A Acquired: 10/15/2011 7:53:29 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1178.	-.0153	.2723	13.51	.1165	1897.
Stddev	5.	.9425	.6700	.13	.0439	12.
%RSD	.4310	6168.	246.1	.9330	37.64	.6113

#1	1182.	.4993	1.017	13.43	.0831	1908.
#2	1172.	-1.103	-.2818	13.44	.1003	1898.
#3	1180.	.5579	.0818	13.65	.1662	1885.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1591	.6001	220.0	13.50	1363.	604.5
Stddev	.0576	.2396	.6	3.33	6.	51.2
%RSD	36.20	39.92	.2936	24.64	.4739	8.464

#1	.2256	.4423	219.3	12.85	1369.	586.5
#2	.1248	.4822	220.3	17.11	1356.	662.2
#3	.1269	.8758	220.5	10.55	1364.	564.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	361.8	45.40	5945.	2.381	1.019	.2745
Stddev	3.5	.10	20.	.072	.521	1.250
%RSD	.9779	.2262	.3295	3.040	51.13	455.4

#1	365.5	45.29	5964.	2.460	.7121	1.500
#2	358.5	45.48	5945.	2.366	1.621	-.9985
#3	361.3	45.44	5925.	2.318	.7244	.3220

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32017-B-3-A Acquired: 10/15/2011 7:53:29 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	1.166	-.2305	1.250	30.62	9.050	.1492
Stddev	.963	2.222	.069	.09	.496	.1898
%RSD	82.64	963.9	5.533	.3056	5.483	127.2
#1	.4284	-.4379	1.208	30.62	8.669	.3141
#2	.8130	-2.342	1.330	30.71	9.611	-.0582
#3	2.256	2.088	1.213	30.52	8.869	.1916

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.5125	11.83	14.40
Stddev	.3761	.16	1.49
%RSD	73.39	1.353	10.34
#1	-.1739	11.64	13.69
#2	-.4463	11.92	13.40
#3	-.9173	11.92	16.11

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	2263.7	36580.	4843.3
Stddev	2.7	243.	6.5
%RSD	.12040	.66446	.13409
#1	2266.6	36846.	4843.2
#2	2261.2	36523.	4836.8
#3	2263.3	36370.	4849.8

Sample Name: 460-32017-B-4-A Acquired: 10/15/2011 7:57:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	231.8	-.0287	.3362	16.48	.1523	28000.
Stddev	10.9	1.682	.3354	.02	.0751	82.
%RSD	4.722	5869.	99.75	.1049	49.31	.2939

#1	225.1	.7664	.3048	16.48	.2362	27910.
#2	244.5	-1.960	.6863	16.47	.1292	28020.
#3	226.0	1.108	.0177	16.50	.0914	28070.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1303	.0470	513.7	5.343	317.8	1304.
Stddev	.0949	.4047	1.1	2.910	12.6	35.
%RSD	72.84	861.8	.2127	54.46	3.976	2.681

#1	.0388	.2625	513.5	7.996	329.4	1268.
#2	.2283	-.4198	514.9	2.231	319.7	1307.
#3	.1237	.2982	512.7	5.803	304.3	1338.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3950.	13.35	19300.	4.604	1.969	-1.566
Stddev	6.	.02	37.	.164	.648	2.441
%RSD	.1622	.1151	.1919	3.558	32.94	155.9

#1	3948.	13.34	19260.	4.448	1.295	.9335
#2	3946.	13.37	19310.	4.774	2.589	-1.687
#3	3958.	13.35	19340.	4.590	2.023	-3.944

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32017-B-4-A Acquired: 10/15/2011 7:57:08 Type: Unk
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	-.2218	.1406	.3308	6.954	15.11	2.388
Stddev	2.727	1.690	.5863	.114	.19	.048
%RSD	1229.	1202.	177.3	1.636	1.274	2.021
#1	1.689	2.019	-.2343	7.041	15.28	2.368
#2	.9897	-.3388	.9363	6.826	15.14	2.443
#3	-3.344	-1.258	.2902	6.997	14.90	2.353

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.3790	100.8	6.041
Stddev	.4798	.3	.335
%RSD	126.6	.3318	5.552
#1	-.8350	100.4	6.106
#2	.1215	100.9	5.678
#3	-.4235	101.1	6.340

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	2225.1	35691.	4829.6
Stddev	4.6	155.	29.3
%RSD	.20705	.43533	.60677
#1	2228.8	35870.	4862.7
#2	2226.4	35610.	4819.1
#3	2219.9	35593.	4807.0

Sample Name: CCV Acquired: 10/15/2011 8:00:50 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	2462.	1235.	10010.	998.0	126600.
Stddev	896.	10.	4.	37.	5.0	746.
%RSD	.7178	.4213	.3239	.3682	.4980	.5888

#1	123700.	2458.	1230.	9974.	992.3	125800.
#2	125300.	2474.	1237.	10050.	1001.	127000.
#3	125300.	2454.	1238.	10020.	1001.	127100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1253.	2476.	5050.	12520.	100200.	49980.
Stddev	5.	10.	23.	69.	483.	194.
%RSD	.4342	.3890	.4622	.5484	.4816	.3886

#1	1247.	2467.	5024.	12440.	99700.	49760.
#2	1258.	2486.	5057.	12560.	100400.	50040.
#3	1253.	2475.	5069.	12560.	100600.	50140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5173.	123200.	2503.	7481.	993.5
Stddev	475.	18.	867.	10.	32.	1.9
%RSD	.3795	.3430	.7042	.4136	.4245	.1960

#1	124600.	5153.	122200.	2494.	7449.	993.3
#2	125300.	5181.	123700.	2514.	7512.	995.6
#3	125500.	5186.	123600.	2502.	7481.	991.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/15/2011 8:00:50 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	2426.	2547.	2492.	2474.	983.0	2494.
Stddev	8.	8.	12.	10.	4.8	9.
%RSD	.3227	.2994	.4641	.3989	.4833	.3760

#1	2419.	2538.	2479.	2463.	978.2	2484.
#2	2435.	2553.	2496.	2483.	987.6	2503.
#3	2424.	2549.	2502.	2476.	983.3	2496.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

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	986.7	5069.	9858.
Stddev	2.3	24.	64.
%RSD	.2371	.4830	.6452

#1	985.4	5041.	9785.
#2	989.4	5081.	9884.
#3	985.3	5085.	9904.

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	1986.3	32554.	4580.5
Stddev	7.1	135.	21.9
%RSD	.35837	.41441	.47839

#1	1992.8	32403.	4605.8
#2	1978.7	32662.	4567.0
#3	1987.5	32597.	4568.7

Sample Name: CCB Acquired: 10/15/2011 8:04:10 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.07	-1.878	.7310	.3207	.0953	8.404
Stddev	15.46	1.030	.5343	.1391	.0687	12.63
%RSD	77.04	54.84	73.08	43.38	72.12	150.2

#1	36.75	-1.671	.3638	.4813	.1746	18.20
#2	6.227	-2.996	.4853	.2390	.0563	-5.845
#3	17.22	-.9672	1.344	.2418	.0550	12.86

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0443	.3999	.1546	1.170	13.73	24.79
Stddev	.0457	.1869	.2124	2.654	1.68	34.60
%RSD	103.2	46.73	137.4	226.9	12.25	139.6

#1	.0642	.6037	.1401	-.0538	11.81	52.05
#2	.0767	.2365	.3738	4.215	14.46	36.45
#3	-.0080	.3595	-.0502	-.6514	14.92	-14.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.698	.2107	40.38	.1148	.6370	-1.030
Stddev	2.785	.0108	20.06	.2328	.5503	.872
%RSD	103.2	5.130	49.66	202.8	86.39	84.66

#1	1.471	.2220	48.57	.3750	.3810	-1.243
#2	5.885	.2096	55.05	.0427	1.269	-.0712
#3	.7374	.2005	17.53	-.0735	.2613	-1.776

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/15/2011 8:04:10 Type: QC
Method: SW84610142011(v2) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

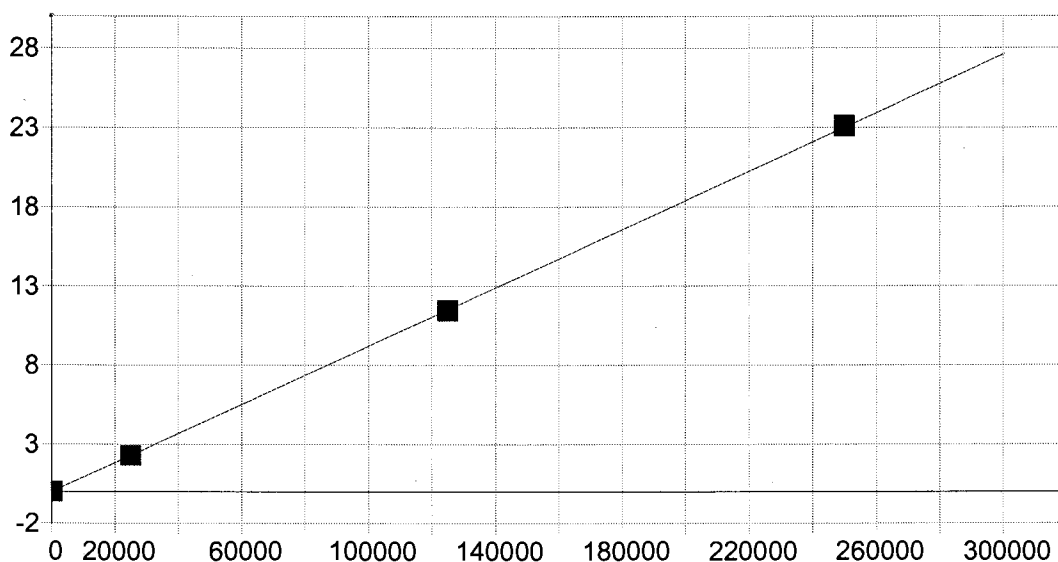
Elem	Se196	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0265	.8706	.1220	-.0783	2.015	.8449
Stddev	1.294	1.537	.2124	.0684	.748	.6309
%RSD	4890.	176.6	174.0	87.42	37.12	74.67
#1	-.2870	1.961	-.0522	-.1291	2.878	1.457
#2	-1.082	1.539	.0597	-.1053	1.557	.8800
#3	1.448	-.8876	.3586	-.0005	1.610	.1972

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

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	-.0086	.3116	1.078
Stddev	.2645	.0531	.904
%RSD	3071.	17.03	83.87
#1	-.2732	.3724	.7894
#2	.2558	.2874	2.090
#3	-.0083	.2749	.3530

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	2201.4	35570.	4649.5
Stddev	11.2	107.	16.8
%RSD	.51024	.30182	.36088
#1	2213.5	35694.	4648.4
#2	2191.2	35501.	4633.4
#3	2199.5	35515.	4666.9



AI 396.152 { 85}

Date of Fit: 10/15/2011 3:10:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001719

Re-Slope: 1.000000

A1 (Gain): 0.000092

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

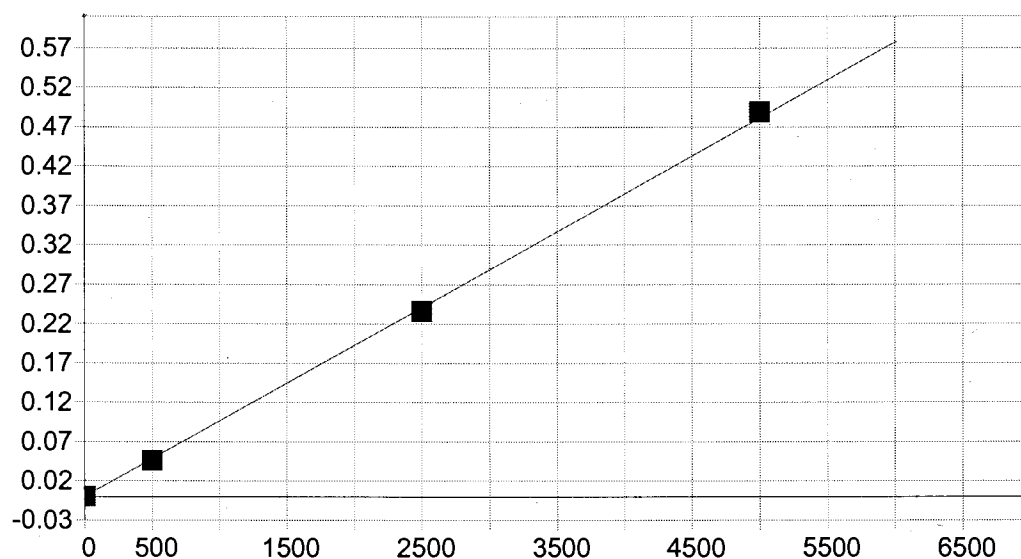
Status: OK.

Std Error of Est: 0.000179

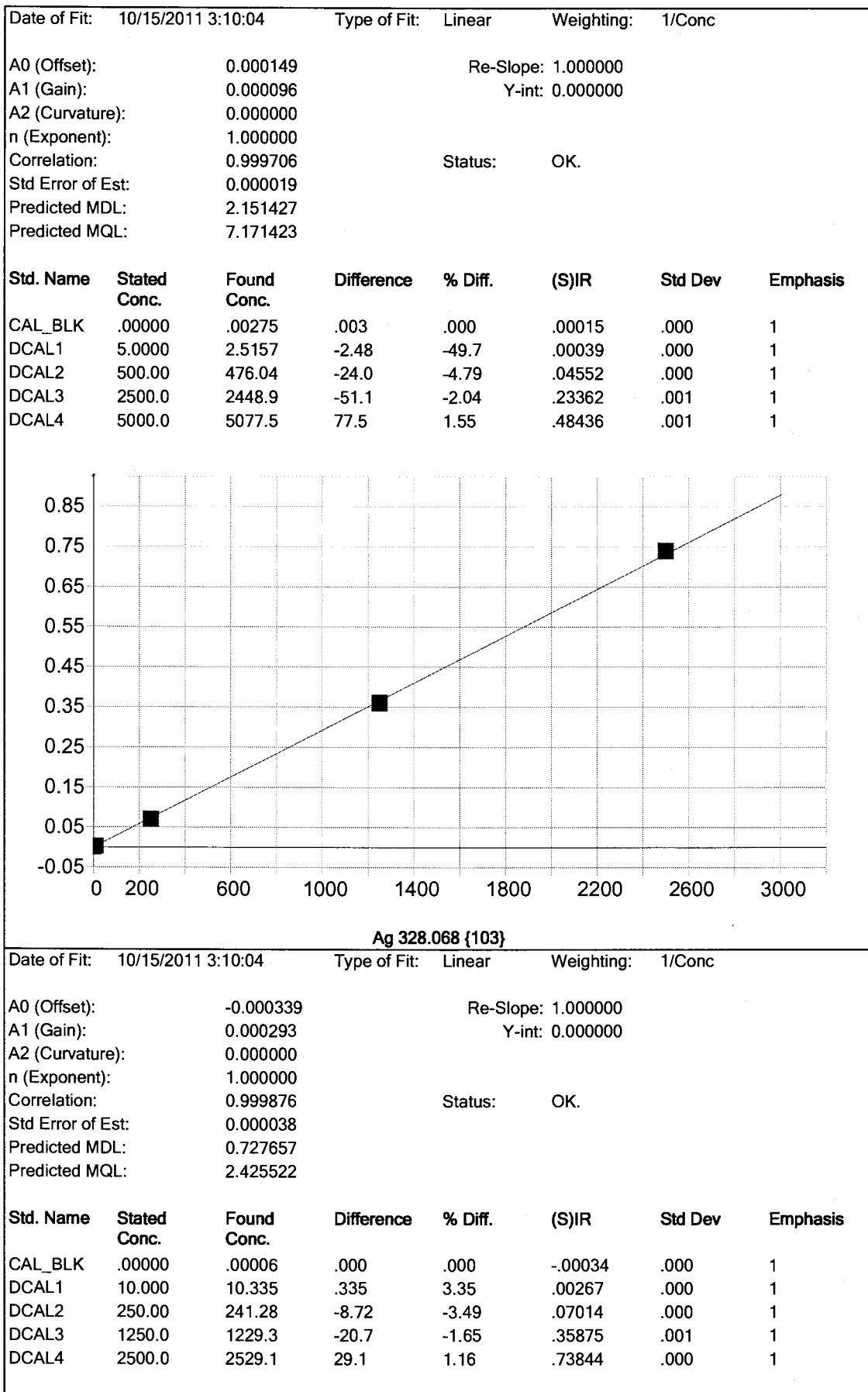
Predicted MDL: 12.135731

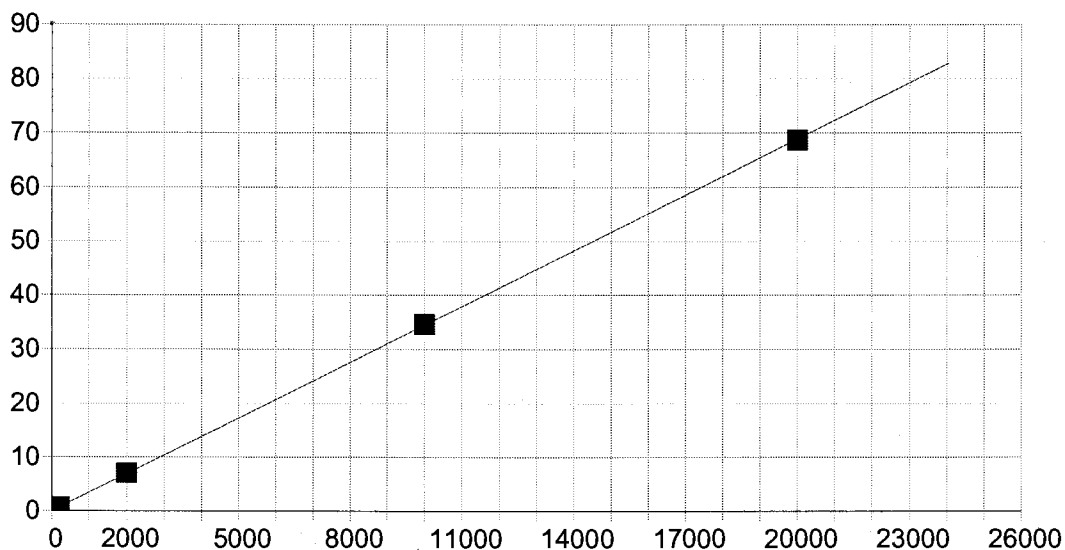
Predicted MQL: 40.452437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02009	-.020	.000	-.00172	.000	1
DCAL1	200.00	220.45	20.5	10.2	.01864	.000	1
DCAL2	25000.	25052.	51.6	.206	2.3058	.003	1
DCAL3	125000.	124100.	-896.	-.717	11.430	.050	1
DCAL4	250000.	250820.	824.	.330	23.102	.044	1



As 189.042 {478}



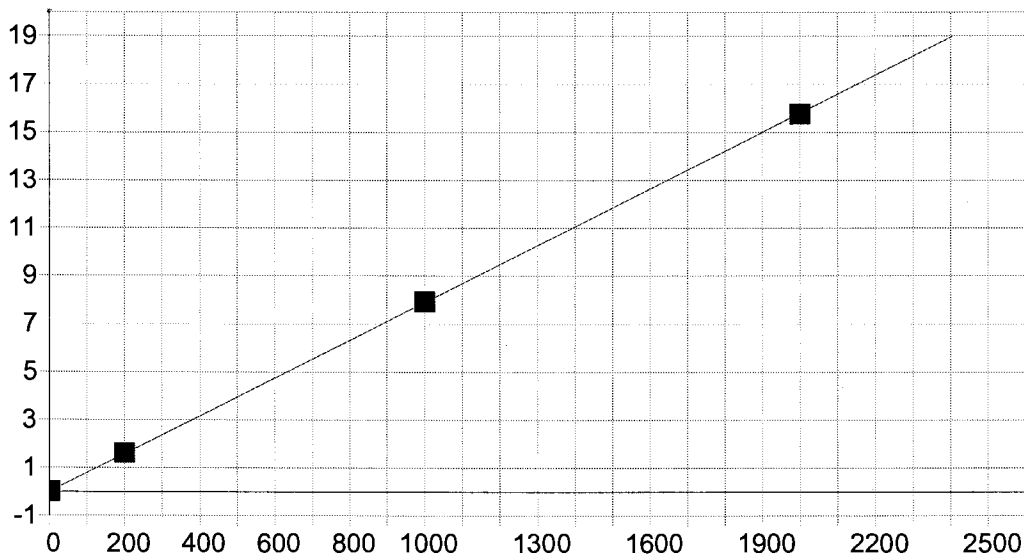


Ba 233.527 {445}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.003444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.002065
 Predicted MDL: 0.120109
 Predicted MQL: 0.400363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00841	-.008	.000	.00028	.000	1
DCAL1	200.00	204.98	4.98	2.49	.70616	.002	1
DCAL2	2000.0	2035.5	35.5	1.77	7.0070	.028	1
DCAL3	10000.	10029.	29.1	.291	34.523	.092	1
DCAL4	20000.	19930.	-69.5	-.348	68.605	.067	1

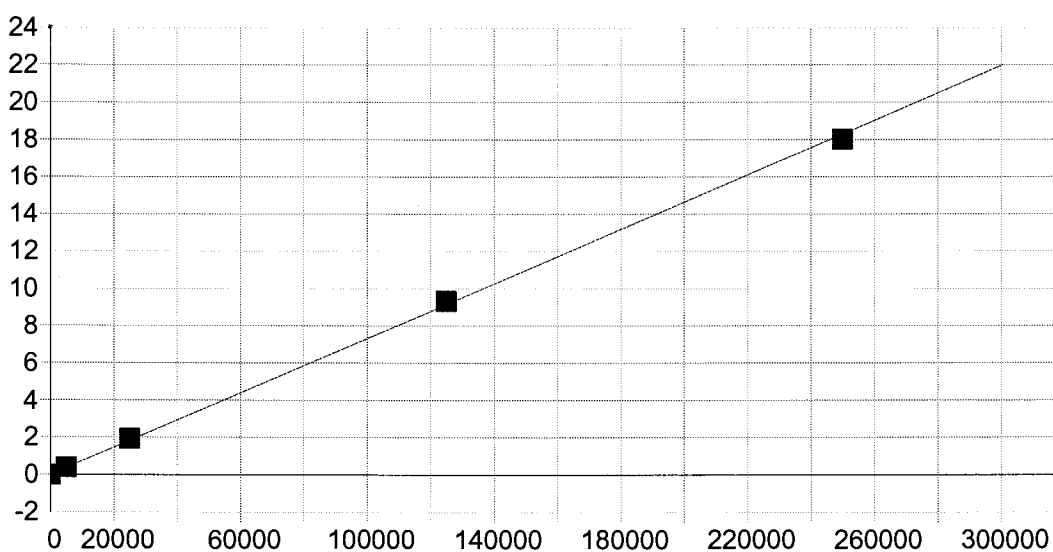


Be 313.042 {108}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000789 Re-Slope: 1.000000
 A1 (Gain): 0.007898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000169
 Predicted MDL: 0.100883
 Predicted MQL: 0.336278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00012	.000	.000	-.00079	.001	1
DCAL1	2.0000	2.0764	.076	3.82	.01562	.000	1
DCAL2	200.00	204.73	4.73	2.37	1.6167	.002	1
DCAL3	1000.0	1001.6	1.60	.160	7.9122	.025	1
DCAL4	2000.0	1993.6	-6.41	-.320	15.749	.014	1

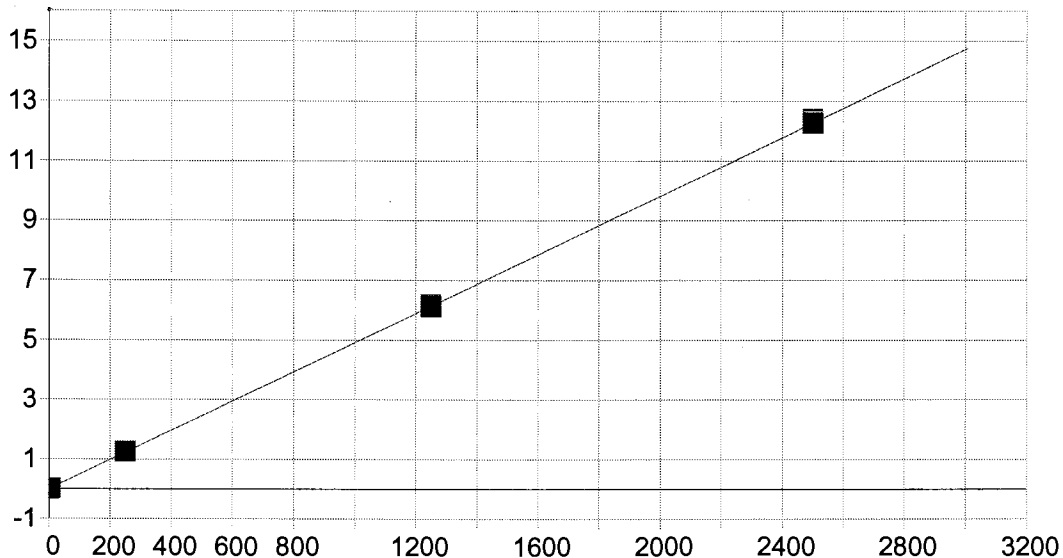


Ca 422.673 { 80}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007304 Re-Slope: 1.000000
 A1 (Gain): 0.000073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.002946
 Predicted MDL: 13.603339
 Predicted MQL: 45.344465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.58326	-.583	.000	-.00735	.001	1
DCAL1	5000.0	5298.7	299.	5.97	.38061	.001	1
DCAL2	25000.	26363.	1360.	5.45	1.9228	.007	1
DCAL3	125000.	127260.	2260.	1.81	9.3095	.035	1
DCAL4	250000.	246080.	-3920.	-1.57	18.008	.030	1

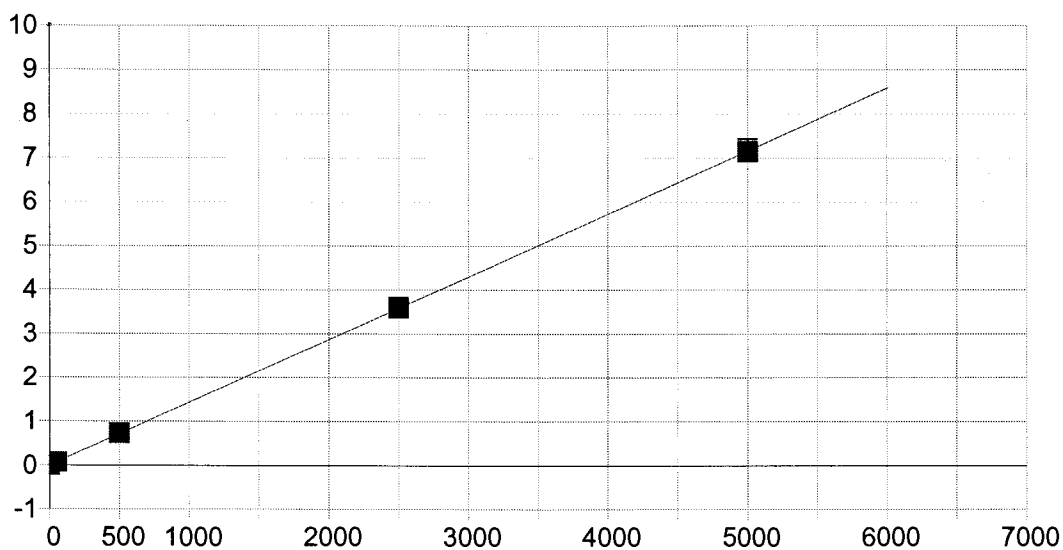


Cd 226.502 [449]

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.004909 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.098913
 Predicted MQL: 0.329709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	.000	.000	-.00046	.000	1
DCAL1	4.0000	4.1634	.163	4.08	.02007	.000	1
DCAL2	250.00	254.70	4.70	1.88	1.2611	.004	1
DCAL3	1250.0	1246.5	-3.48	-.278	6.1750	.017	1
DCAL4	2500.0	2498.6	-1.38	-.055	12.378	.022	1

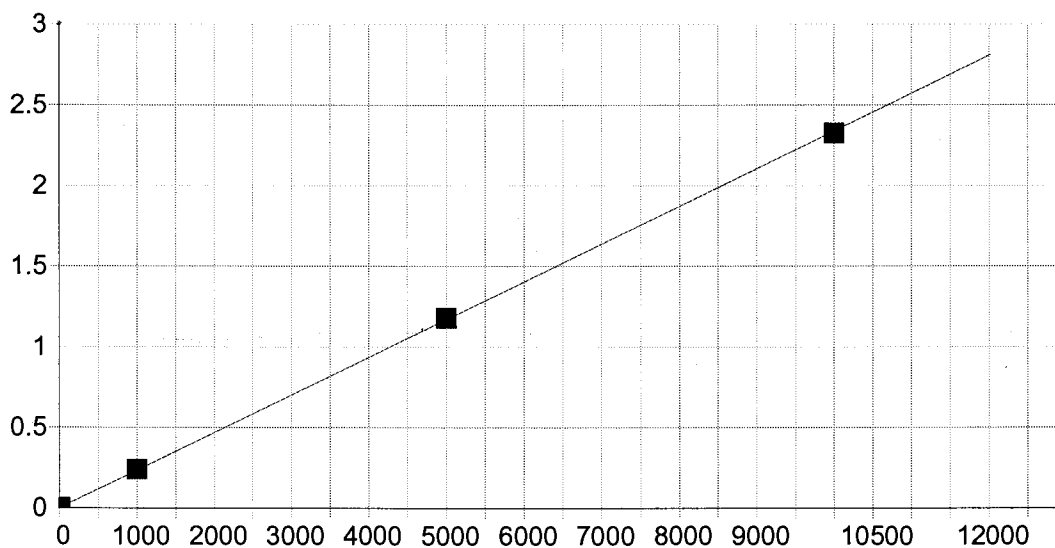


Co 228.616 [447]

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000717 Re-Slope: 1.000000
 A1 (Gain): 0.001431 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000251
 Predicted MDL: 0.287041
 Predicted MQL: 0.956803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00292	-.003	.000	-.00072	.000	1
DCAL1	50.000	51.920	1.92	3.84	.07359	.000	1
DCAL2	500.00	511.61	11.6	2.32	.73746	.003	1
DCAL3	2500.0	2497.2	-2.78	-.111	3.6031	.011	1
DCAL4	5000.0	4989.3	-10.7	-.215	7.1995	.010	1

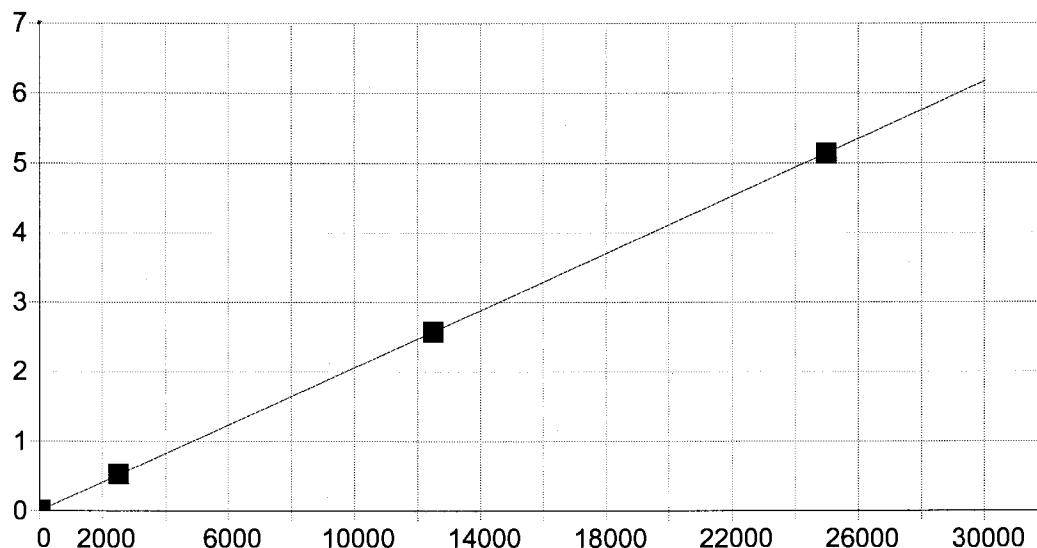


Cr 267.716 {126}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.000234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.464373
 Predicted MQL: 1.547910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00101	-.001	.000	.00011	.000	1
DCAL1	10.000	10.742	.742	7.42	.00262	.000	1
DCAL2	1000.0	1026.8	26.8	2.68	.24015	.001	1
DCAL3	5000.0	5029.2	29.2	.584	1.1759	.004	1
DCAL4	10000.	9943.3	-56.7	-.567	2.3247	.002	1

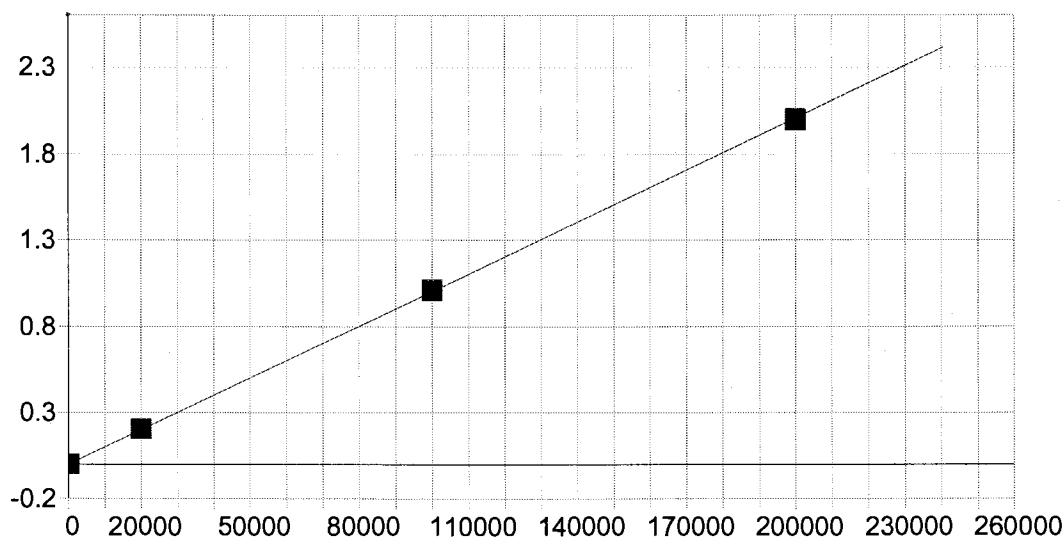


Cu 324.754 {104}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001272 Re-Slope: 1.000000
 A1 (Gain): 0.000206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 3.227028
 Predicted MQL: 10.756760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00084	.001	.000	.00127	.000	1
DCAL1	25.000	23.713	-1.29	-5.15	.00615	.001	1
DCAL2	2500.0	2549.9	49.9	2.00	.52529	.000	1
DCAL3	12500.	12493.	-7.05	-.056	2.5686	.007	1
DCAL4	25000.	24958.	-41.6	-.166	5.1302	.003	1

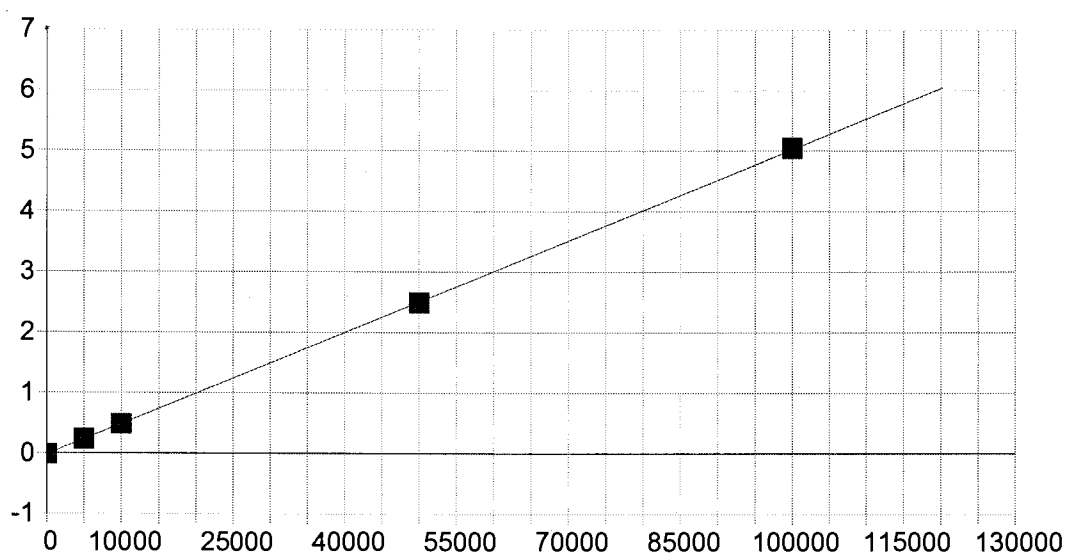


Fe 271.441 {124}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.000010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 11.056339
 Predicted MQL: 36.854462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01218	-.012	.000	-.00002	.000	1
DCAL1	150.00	157.74	7.74	5.16	.00161	.000	1
DCAL2	20000.	20592.	592.	2.96	.20722	.000	1
DCAL3	100000.	100600.	601.	.601	1.0125	.004	1
DCAL4	200000.	198800.	-1200.	-.601	2.0009	.001	1

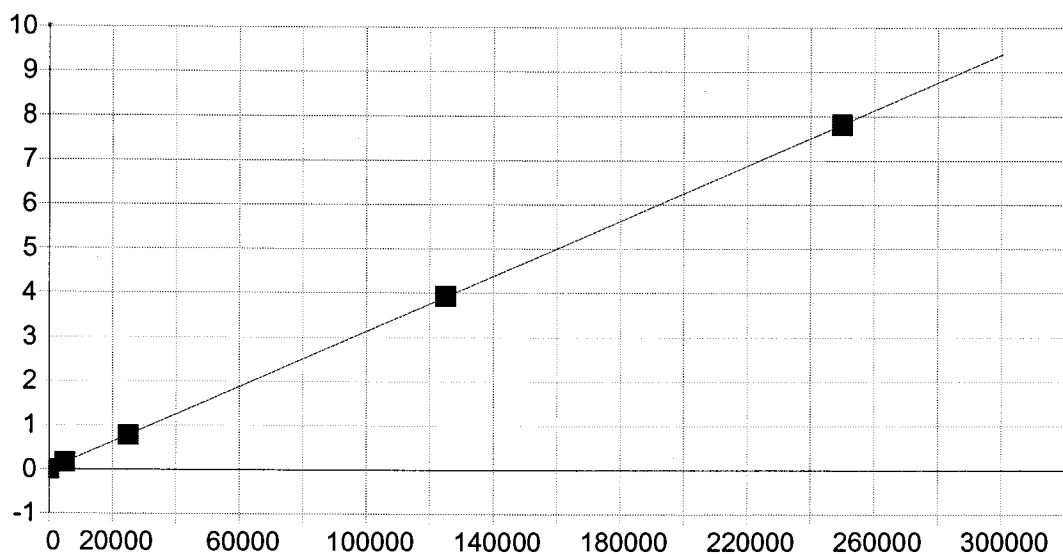


K 766.490 { 44}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020533 Re-Slope: 1.000000
 A1 (Gain): 0.000050 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000305
 Predicted MDL: 40.890505
 Predicted MQL: 136.301684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01882	-.019	.000	-.02053	.001	1
DCAL1	5000.0	5061.7	61.7	1.23	.23466	.001	1
DCAL2	10000.	9949.3	-50.7	-.507	.48105	.002	1
DCAL3	50000.	49661.	-339.	-.678	2.4831	.011	1
DCAL4	100000.	100330.	328.	.328	5.0374	.009	1

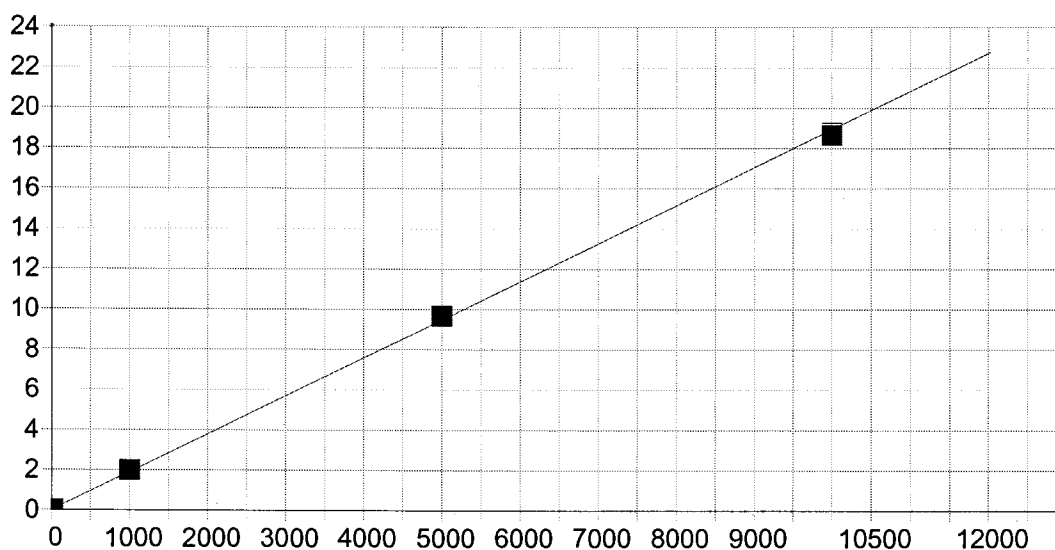


Mg 279.079 {121}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.000031 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000195
 Predicted MDL: 3.914343
 Predicted MQL: 13.047811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.09499	-.095	.000	-.00013	.000	1
DCAL1	5000.0	5101.3	101.	2.03	.15940	.000	1
DCAL2	25000.	24927.	-72.7	-.291	.77926	.002	1
DCAL3	125000.	125440.	438.	.350	3.9219	.015	1
DCAL4	250000.	249530.	-467.	-.187	7.8019	.017	1



Mn 257.610 {131}

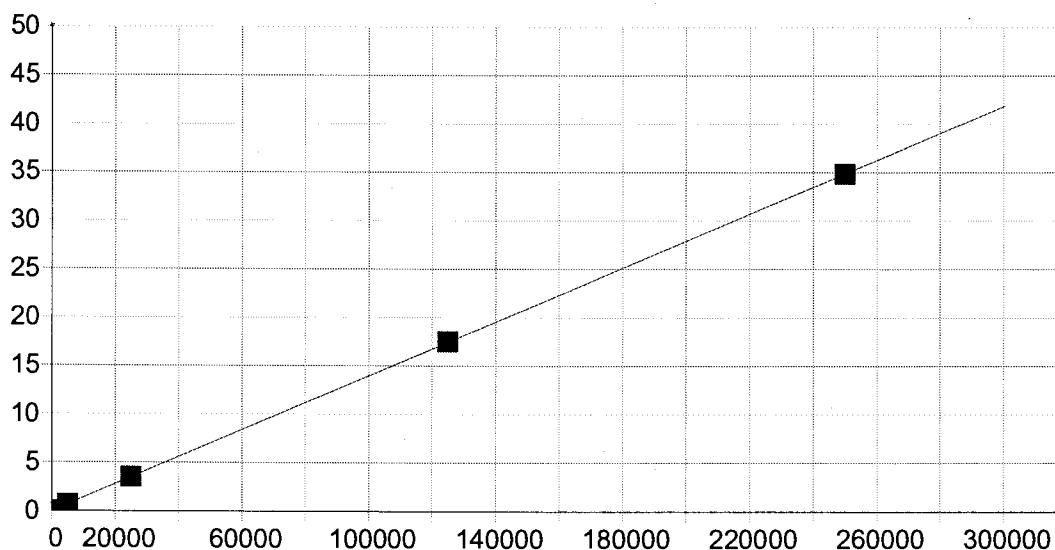
Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085
 A1 (Gain): 0.001894
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999787
 Std Error of Est: 0.000782
 Predicted MDL: 0.069600
 Predicted MQL: 0.232001

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00192	-.002	.000	.00008	.000	1
DCAL1	15.000	16.109	1.11	7.39	.03061	.000	1
DCAL2	1000.0	1049.0	49.0	4.90	1.9874	.006	1
DCAL3	5000.0	5101.3	101.	2.03	9.6639	.022	1
DCAL4	10000.	9848.6	-151.	-1.51	18.657	.108	1



Na 589.592 { 57 }

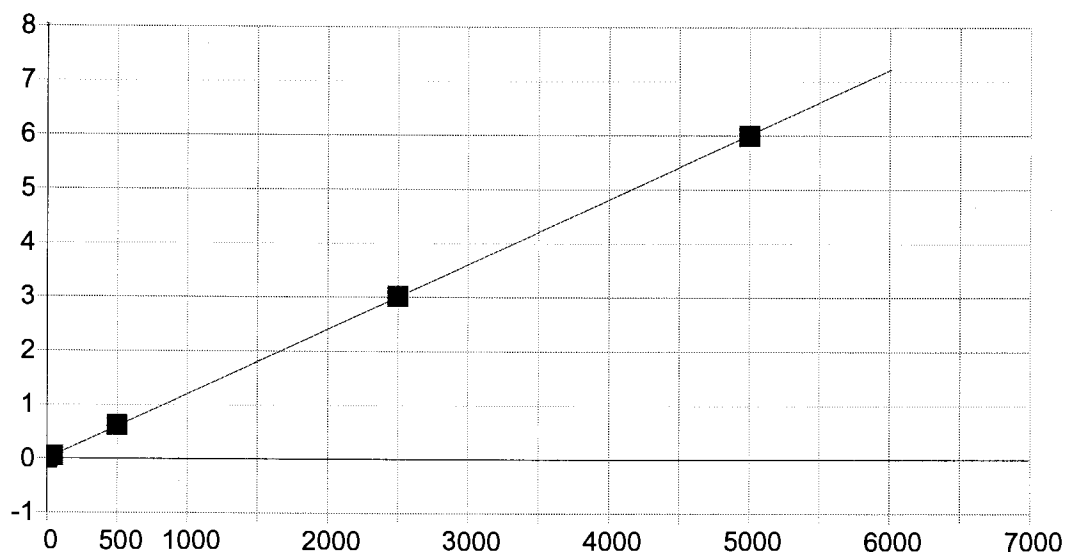
Date of Fit: 10/15/2011 3:10:04
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.006230
 A1 (Gain): 0.000139
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000769
 Predicted MDL: 13.606219
 Predicted MQL: 45.354065

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.11083	-.111	.000	.00621	.002	1
DCAL1	5000.0	5075.1	75.1	1.50	.71389	.003	1
DCAL2	25000.	25185.	185.	.738	3.5202	.007	1
DCAL3	125000.	125200.	199.	.159	17.475	.043	1
DCAL4	250000.	249540.	-458.	-.183	34.824	.034	1

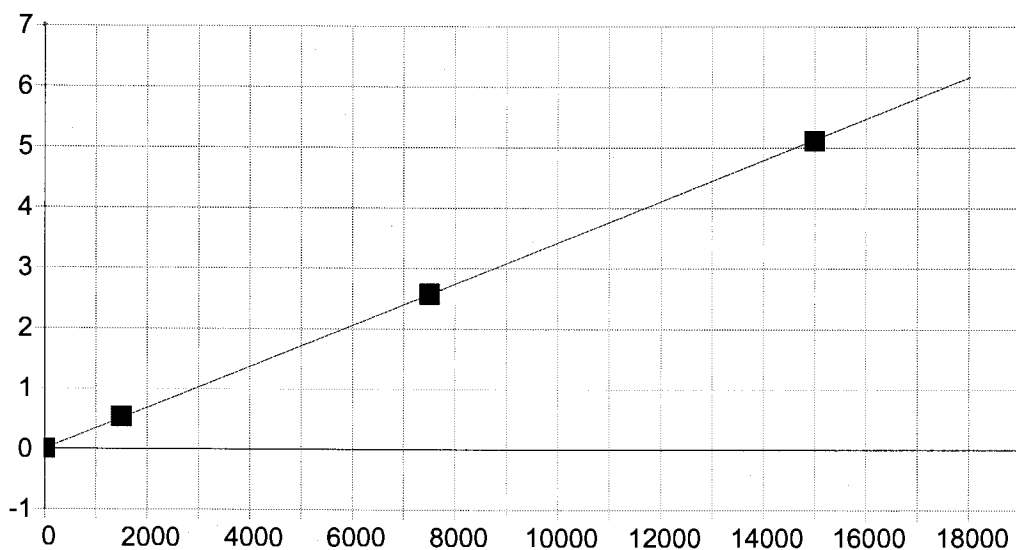


Ni 231.604 {446}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000305 Re-Slope: 1.000000
 A1 (Gain): 0.001202 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.395594
 Predicted MQL: 1.318647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00360	-.004	.000	-.00031	.000	1
DCAL1	40.000	42.447	2.45	6.12	.05073	.000	1
DCAL2	500.00	515.84	15.8	3.17	.62048	.003	1
DCAL3	2500.0	2503.4	3.39	.136	3.0125	.011	1
DCAL4	5000.0	4978.3	-21.7	-.434	5.9911	.011	1



Pb 220.353 {453}

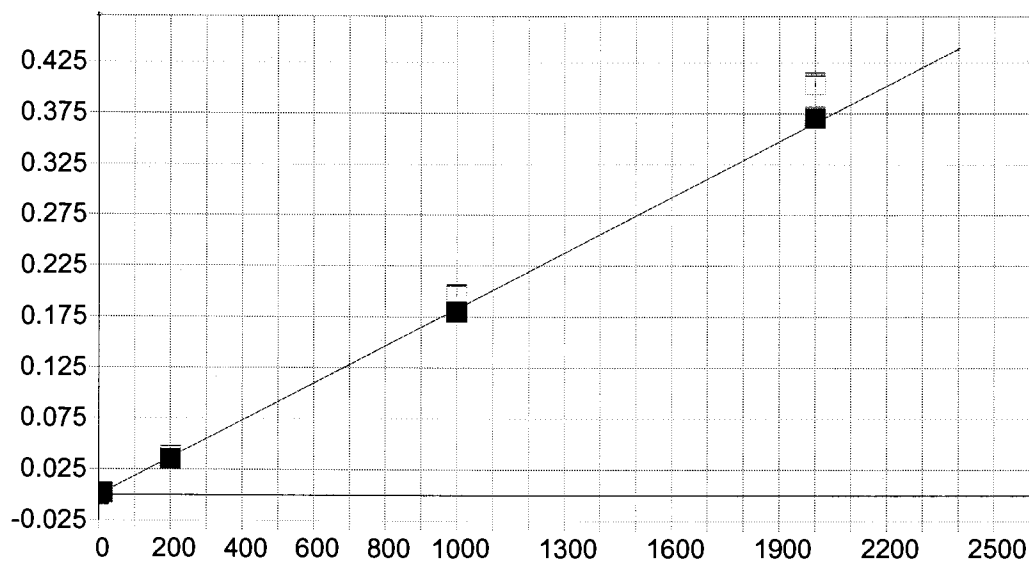
Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000195
 A1 (Gain): 0.000342
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000050
 Predicted MDL: 1.356322
 Predicted MQL: 4.521074

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00055	-.001	.000	.00019	.000	1
DCAL1	5.0000	5.3728	.373	7.46	.00203	.000	1
DCAL2	1500.0	1558.4	58.4	3.89	.53315	.002	1
DCAL3	7500.0	7507.0	6.95	.093	2.5675	.008	1
DCAL4	15000.	14934.	-65.7	-.438	5.1077	.010	1



Sb 206.833 {463}

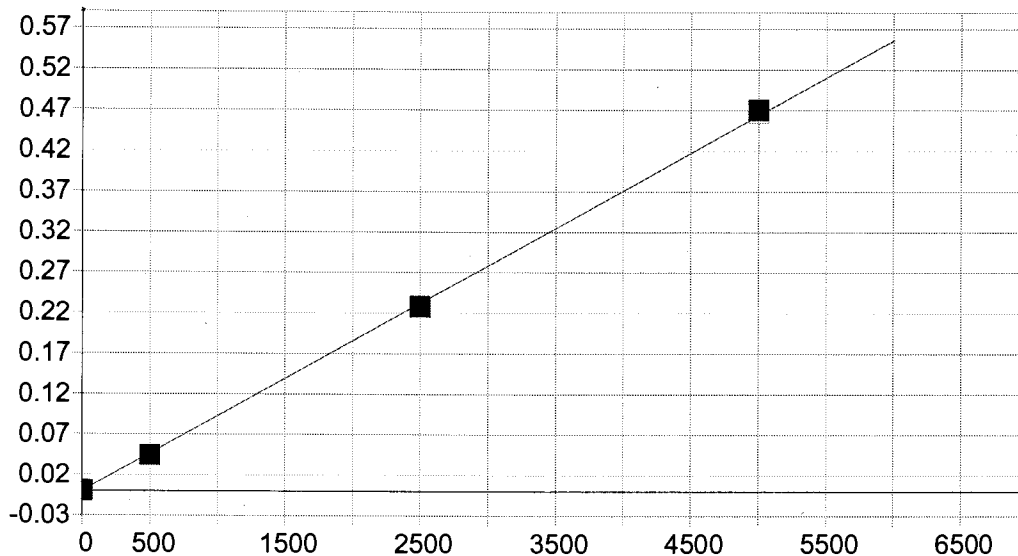
Date of Fit: 10/15/2011 3:10:04
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.000151
 A1 (Gain): 0.000183
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000024
 Predicted MDL: 1.876403
 Predicted MQL: 6.254677

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00132	.001	.000	.00015	.000	1
DCAL1	10.000	9.1652	-.835	-8.35	.00180	.000	1
DCAL2	200.00	190.93	-9.07	-4.54	.03834	.000	1
DCAL3	1000.0	983.84	-16.2	-1.62	.19643	.001	1
DCAL4	2000.0	2026.0	26.0	1.30	.40336	.002	1

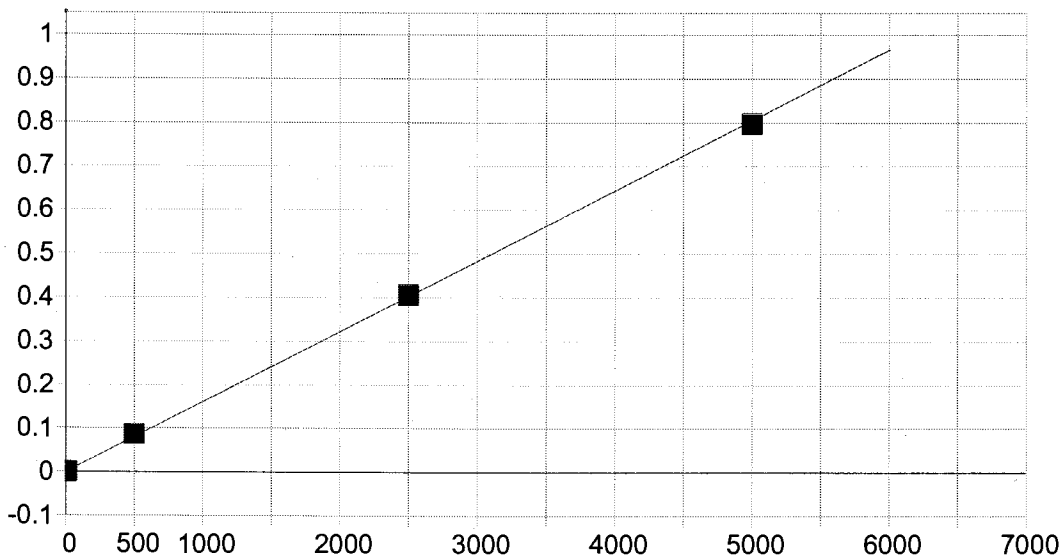


Se 196.090 {472}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.000093 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 2.901211
 Predicted MQL: 9.670702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00200	-.002	.000	.00004	.000	1
DCAL1	5.0000	7.2512	2.25	45.0	.00071	.000	1
DCAL2	500.00	478.08	-21.9	-4.38	.04403	.000	1
DCAL3	2500.0	2452.2	-47.8	-1.91	.22572	.001	1
DCAL4	5000.0	5067.5	67.5	1.35	.46652	.001	1

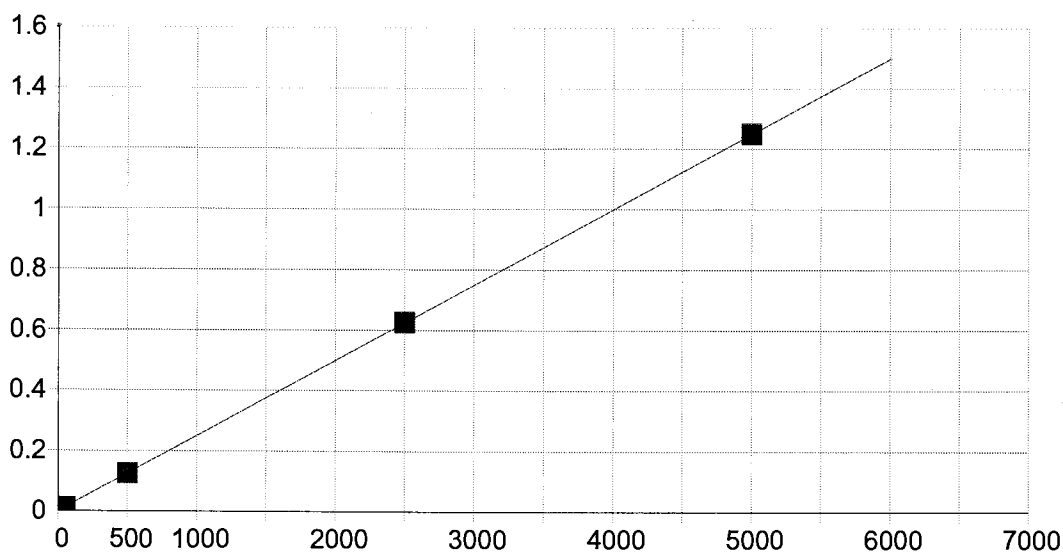


TI 190.856 {477}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000353 Re-Slope: 1.000000
 A1 (Gain): 0.000161 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 1.782876
 Predicted MQL: 5.942919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00213	-.002	.000	-.00035	.000	1
DCAL1	10.000	11.450	1.45	14.5	.00151	.000	1
DCAL2	500.00	536.36	36.4	7.27	.08623	.000	1
DCAL3	2500.0	2514.7	14.7	.586	.40564	.001	1
DCAL4	5000.0	4947.5	-52.5	-1.05	.79847	.000	1

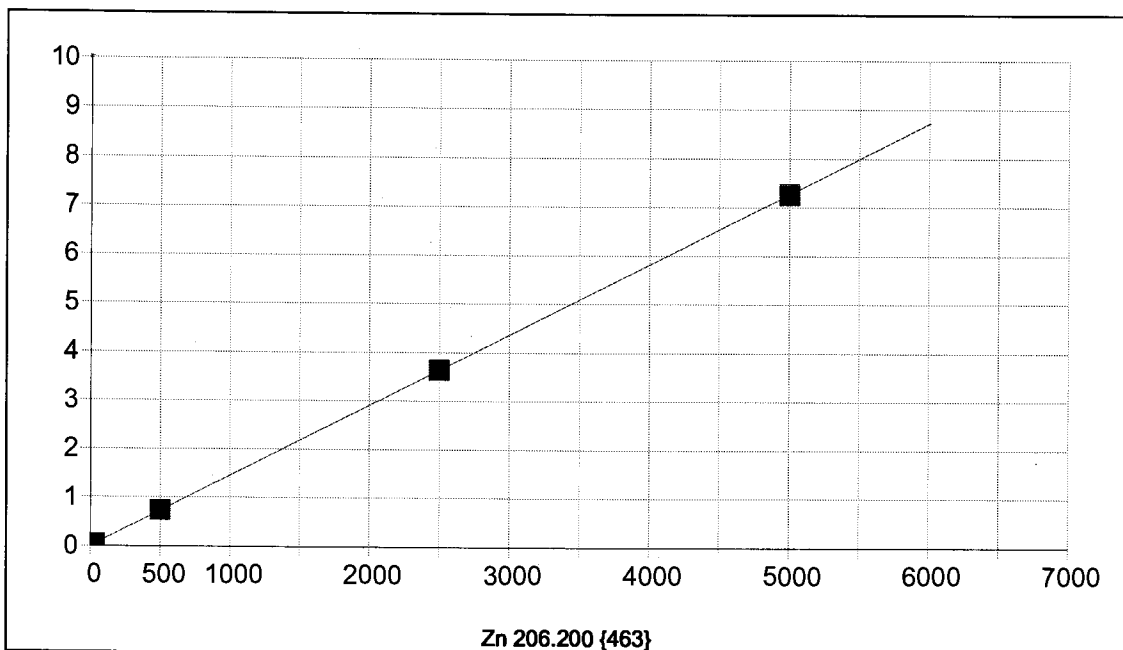


V 292.402 {115}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.000250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.488566
 Predicted MQL: 1.628554

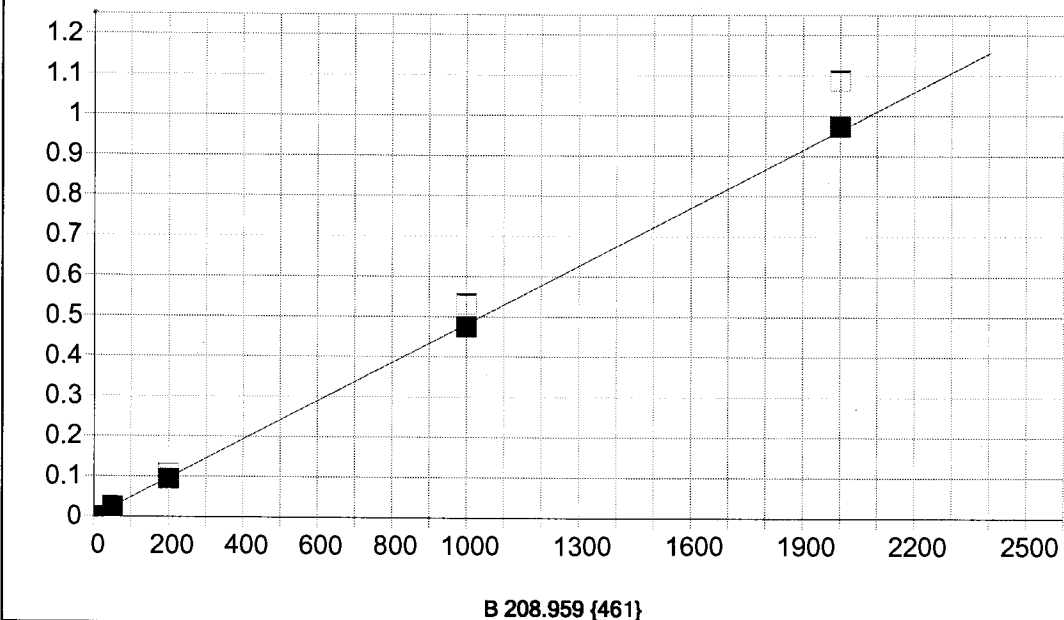
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00012	.000	.000	.00007	.000	1
DCAL1	50.000	49.995	-.005	-.009	.01255	.000	1
DCAL2	500.00	501.34	1.34	.267	.12551	.000	1
DCAL3	2500.0	2500.9	.911	.036	.62580	.002	1
DCAL4	5000.0	4997.8	-2.24	-.045	1.2505	.000	1



Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000845 Re-Slope: 1.000000
 A1 (Gain): 0.001453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.196936
 Predicted MQL: 0.656453

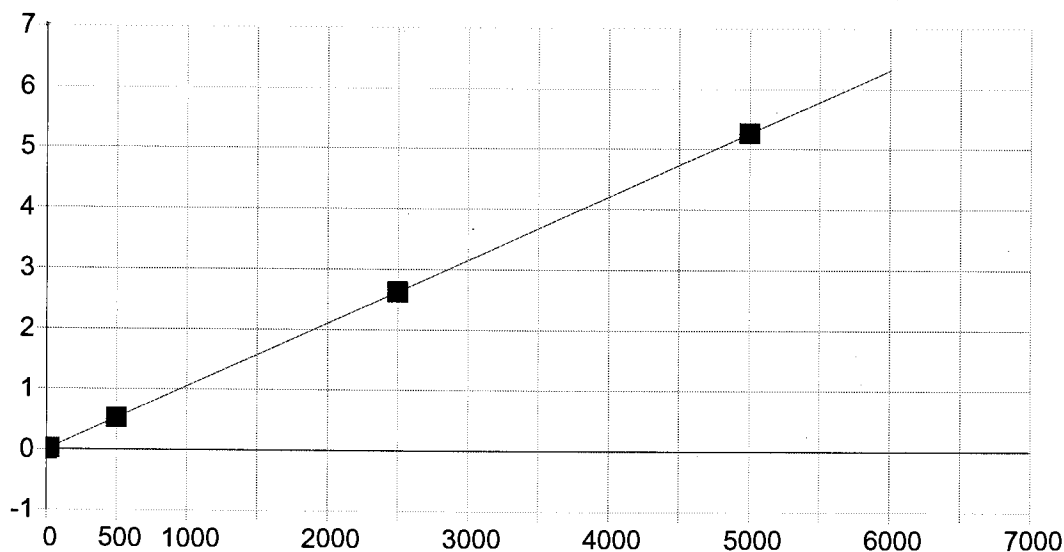
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00172	-.002	.000	.00084	.000	1
DCAL1	30.000	31.330	1.33	4.43	.04644	.000	1
DCAL2	500.00	507.31	7.31	1.46	.73914	.002	1
DCAL3	2500.0	2499.8	-.178	-.007	3.6389	.011	1
DCAL4	5000.0	4991.5	-8.46	-.169	7.2652	.014	1



Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.000481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.659870
 Predicted MQL: 2.199568

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00201	.002	.000	.00019	.000	1
DCAL1	50.000	49.234	-.766	-1.53	.02434	.000	1
DCAL2	200.00	196.09	-3.91	-1.95	.10598	.000	1
DCAL3	1000.0	984.65	-15.4	-1.54	.53116	.002	1
DCAL4	2000.0	2020.0	20.0	.998	1.0865	.002	1

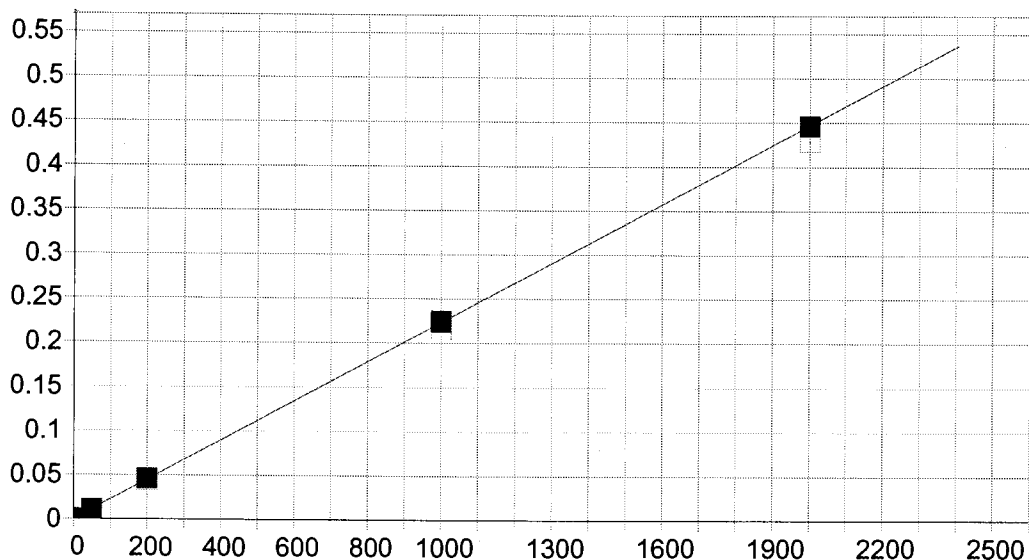


Mo 202.030 {467}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000514 Re-Slope: 1.000000
 A1 (Gain): 0.001051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.293964
 Predicted MQL: 0.979879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00057	.001	.000	-.00051	.000	1
DCAL1	20.000	19.505	-.495	-2.48	.02007	.000	1
DCAL2	500.00	498.42	-1.58	-.315	.52430	.002	1
DCAL3	2500.0	2495.0	-5.01	-.200	2.6266	.010	1
DCAL4	5000.0	5007.1	7.08	.142	5.2716	.002	1

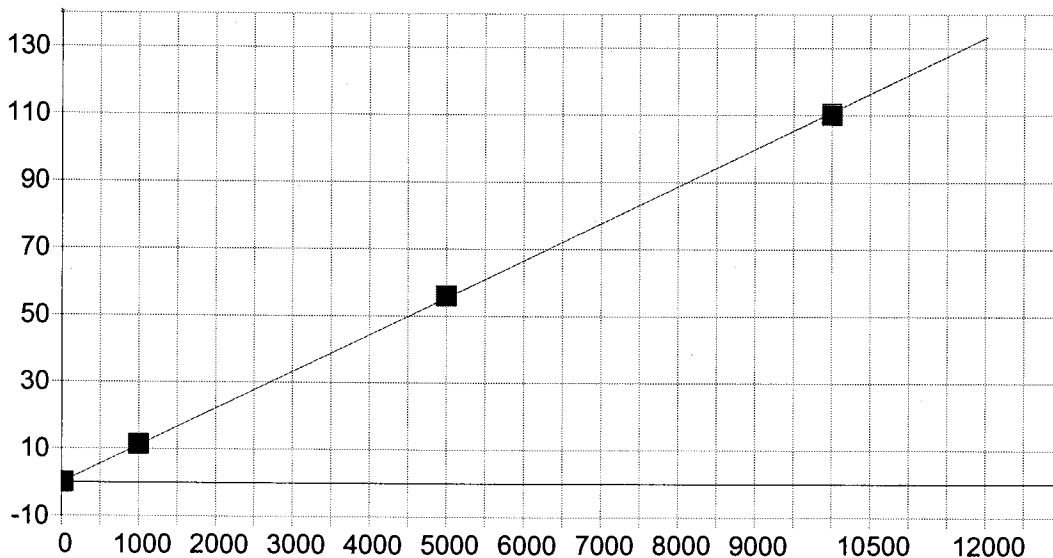


Sn 189.989 {477}

Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.000223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.855262
 Predicted MQL: 2.850874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00012	.000	.000	.00027	.000	1
DCAL1	50.000	49.266	-.734	-1.47	.01124	.000	1
DCAL2	200.00	203.42	3.42	1.71	.04392	.000	1
DCAL3	1000.0	1002.5	2.47	.247	.21527	.001	1
DCAL4	2000.0	1994.9	-5.13	-.256	.42803	.001	1



Sr 407.771 {83}

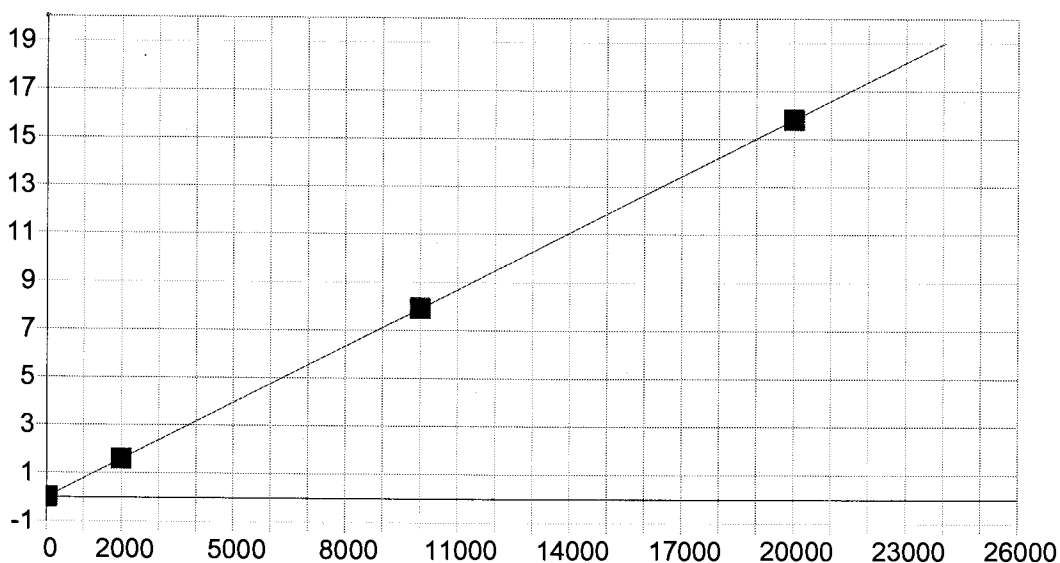
Date of Fit: 10/15/2011 3:10:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005363
 A1 (Gain): 0.011084
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.002484
 Predicted MDL: 0.099624
 Predicted MQL: 0.332079

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00098	-.001	.000	-.00537	.000	1
DCAL1	20.000	20.476	.476	2.38	.22235	.002	1
DCAL2	1000.0	1022.8	22.8	2.28	11.334	.039	1
DCAL3	5000.0	5048.3	48.3	.966	55.967	.183	1
DCAL4	10000.	9928.5	-71.5	-.715	110.08	.432	1



Ti 334.941 {101}

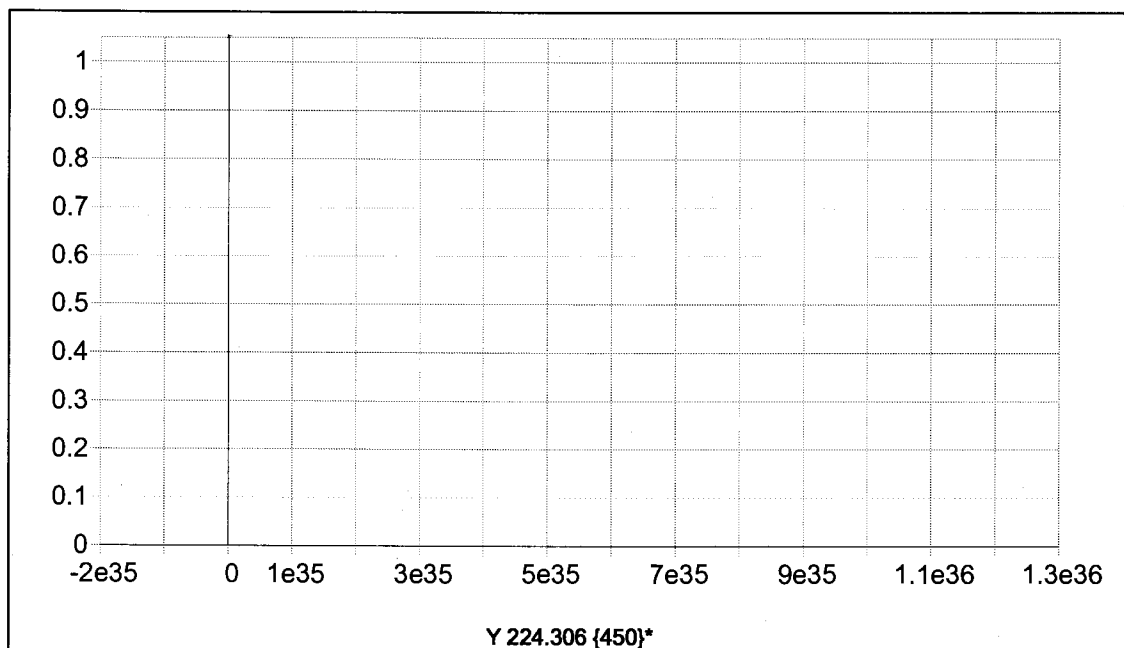
Date of Fit: 10/15/2011 3:10:04
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.001041
 A1 (Gain): 0.000790
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000074
 Predicted MDL: 1.075825
 Predicted MQL: 3.586083

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

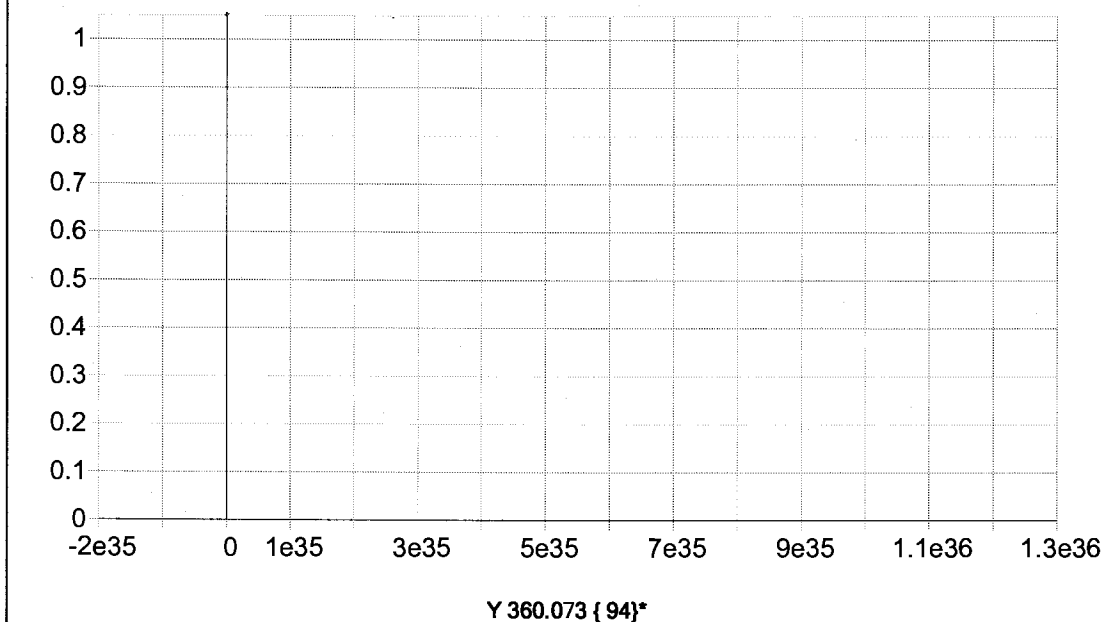
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00160	-.002	.000	-.00104	.001	1
DCAL1	20.000	21.452	1.45	7.26	.01599	.001	1
DCAL2	2000.0	2016.3	16.3	.815	1.5956	.004	1
DCAL3	10000.	10004.	3.70	.037	7.9205	.018	1
DCAL4	20000.	19979.	-21.4	-.107	15.819	.017	1



Date of Fit: 2/28/2011 17:34:07 Type of Fit: Linear Weighting: 1/Conc

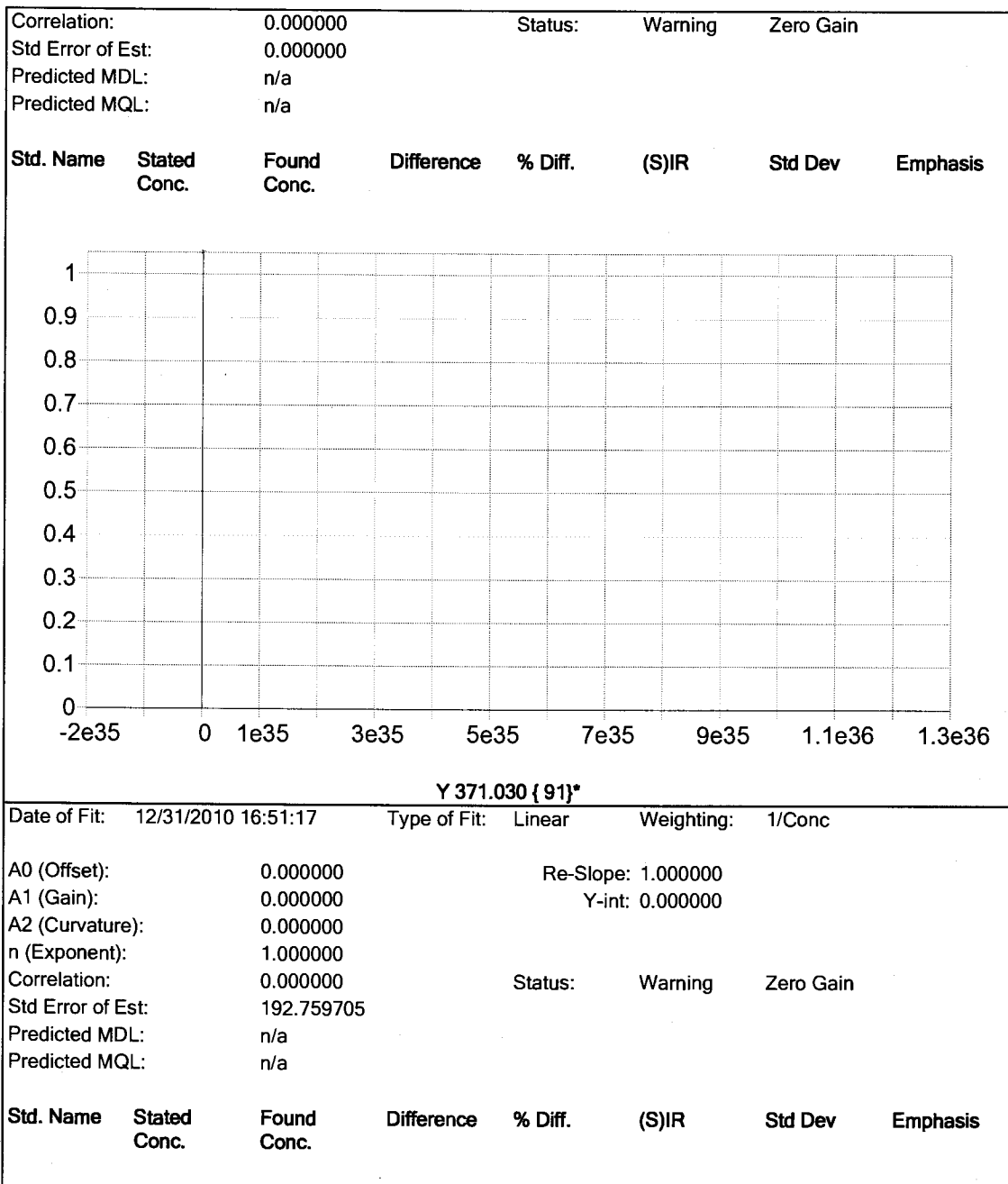
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	183.492520	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

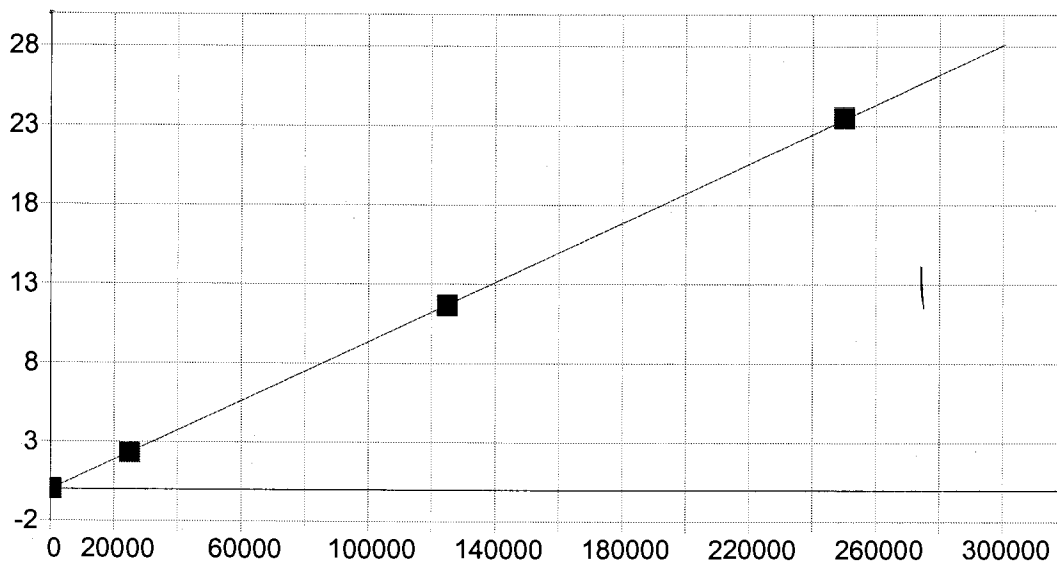
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



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	





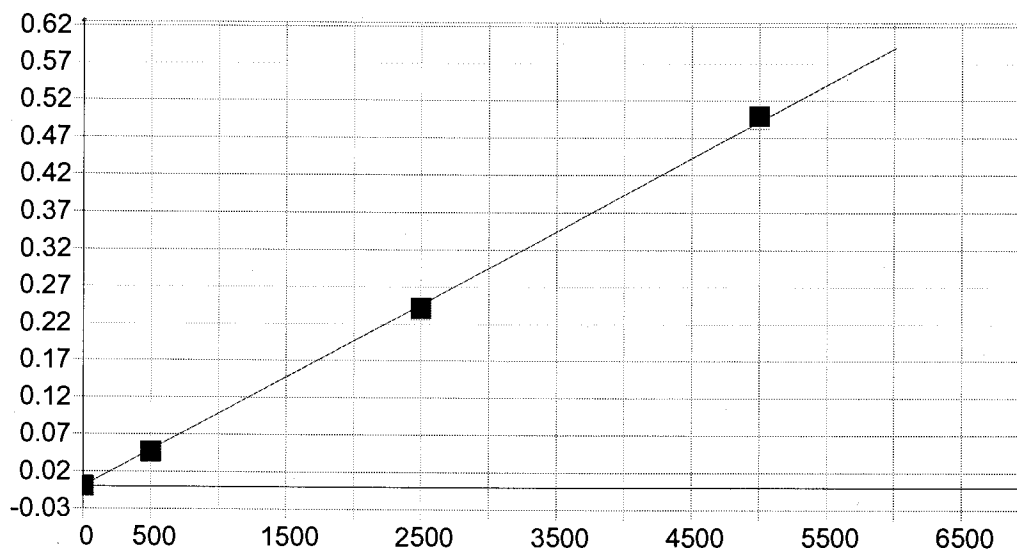
AI 396.152 { 85}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

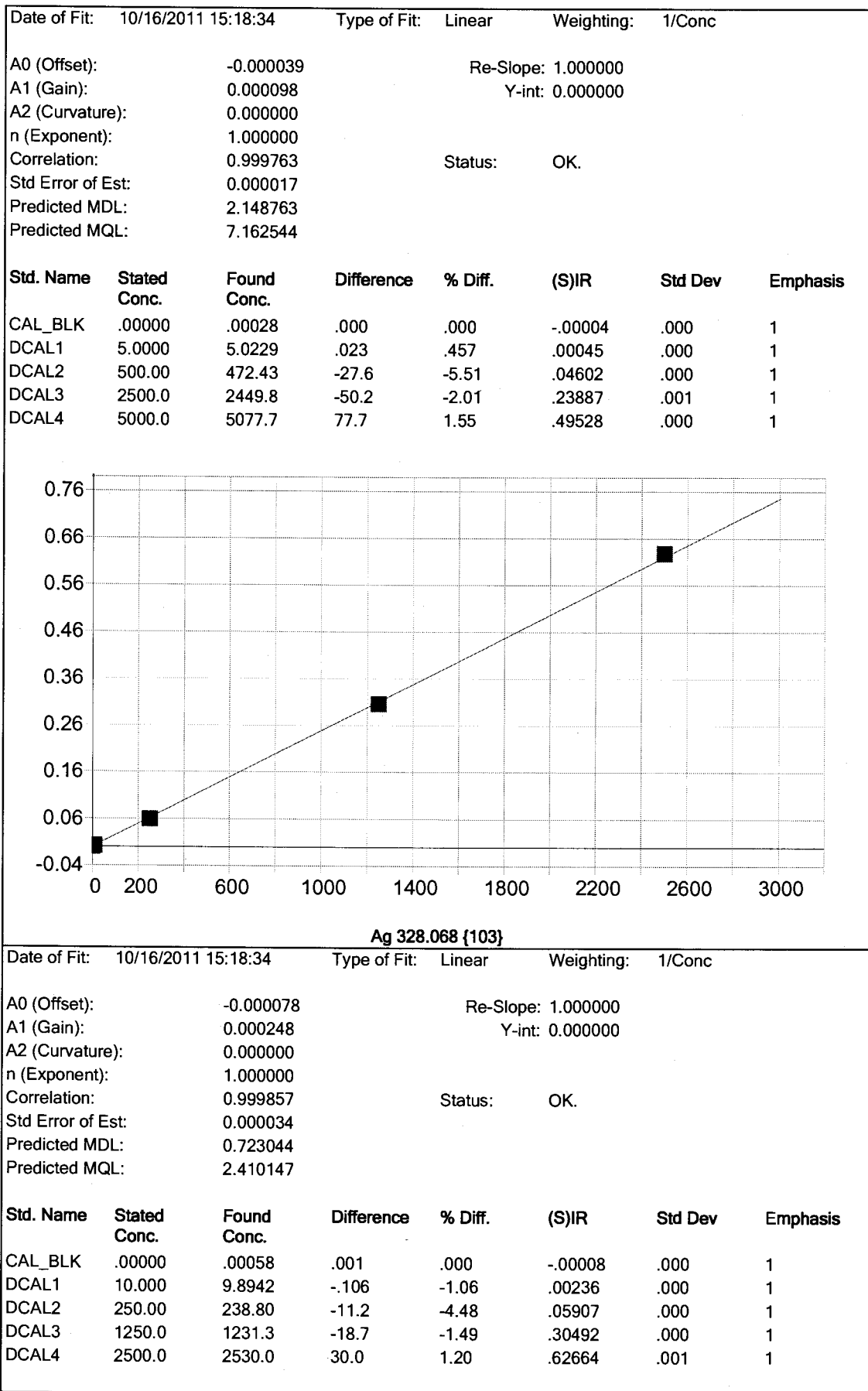
A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.000094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 12.381138
 Predicted MQL: 41.270460

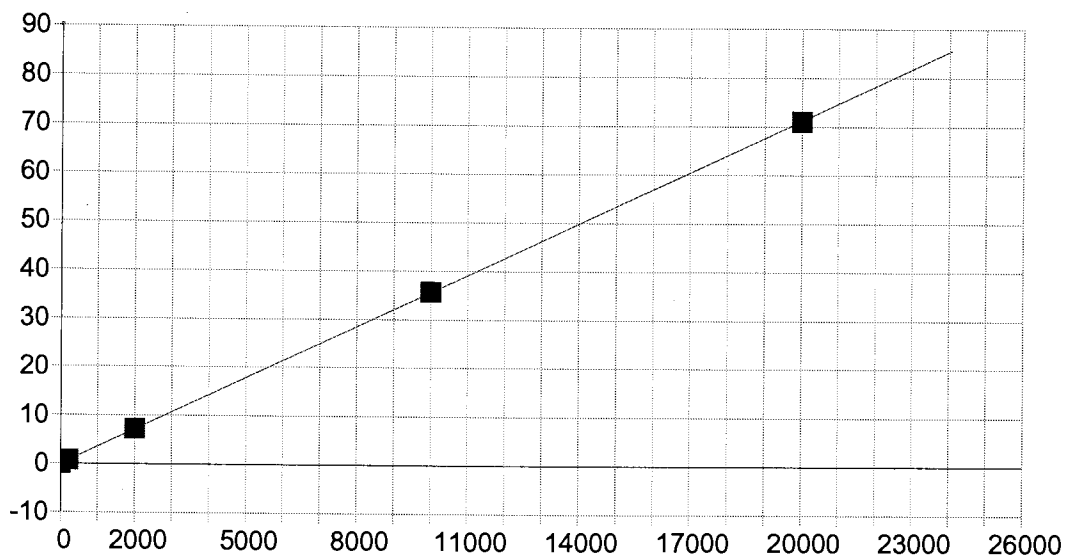
*methods:
 200-7
 +
 6010B
 PE 10-16-11*

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01888	.019	.000	-.00036	.001	1
DCAL1	200.00	183.34	-16.7	-8.33	.01687	.001	1
DCAL2	25000.	24763.	-237.	-.950	2.3197	.010	1
DCAL3	125000.	124350.	-650.	-.520	11.650	.026	1
DCAL4	250000.	250900.	904.	.362	23.507	.089	1



As 189.042 {478}



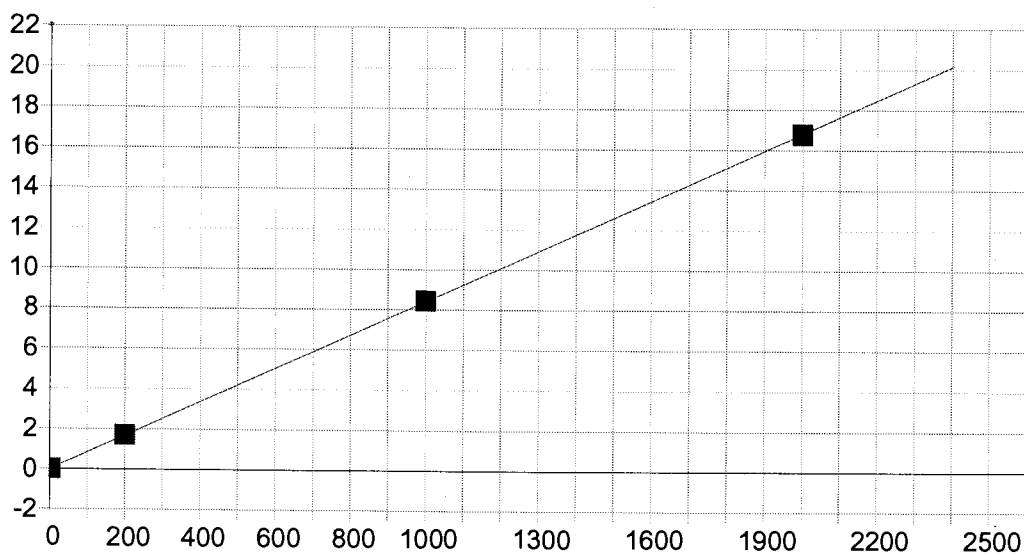


Ba 233.527 (445)

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.003559 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.001652
 Predicted MDL: 0.118851
 Predicted MQL: 0.396170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00687	-.007	.000	.00007	.000	1
DCAL1	200.00	204.24	4.24	2.12	.72692	.001	1
DCAL2	2000.0	2027.3	27.3	1.36	7.2118	.006	1
DCAL3	10000.	10021.	21.3	.213	35.649	.031	1
DCAL4	20000.	19947.	-52.8	-.264	70.959	.073	1



Be 313.042 (108)

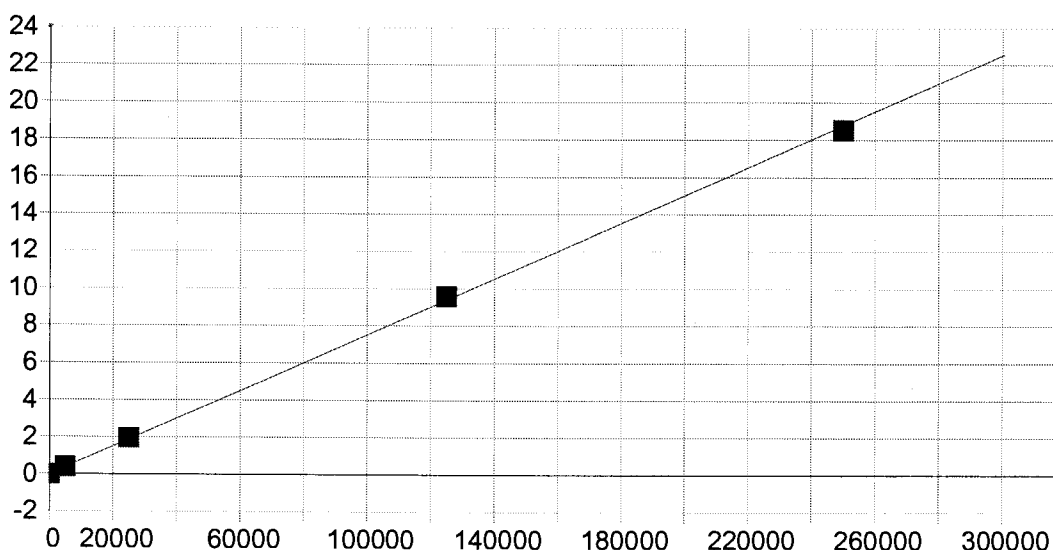
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000869
 A1 (Gain): 0.008397
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000134
 Predicted MDL: 0.098830
 Predicted MQL: 0.329435

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00017	.000	.000	-.00087	.001	1
DCAL1	2.0000	2.1430	.143	7.15	.01714	.001	1
DCAL2	200.00	202.76	2.76	1.38	1.7021	.006	1
DCAL3	1000.0	1003.2	3.18	.318	8.4250	.024	1
DCAL4	2000.0	1993.9	-6.08	-.304	16.746	.044	1



Ca 422.673 { 80 }

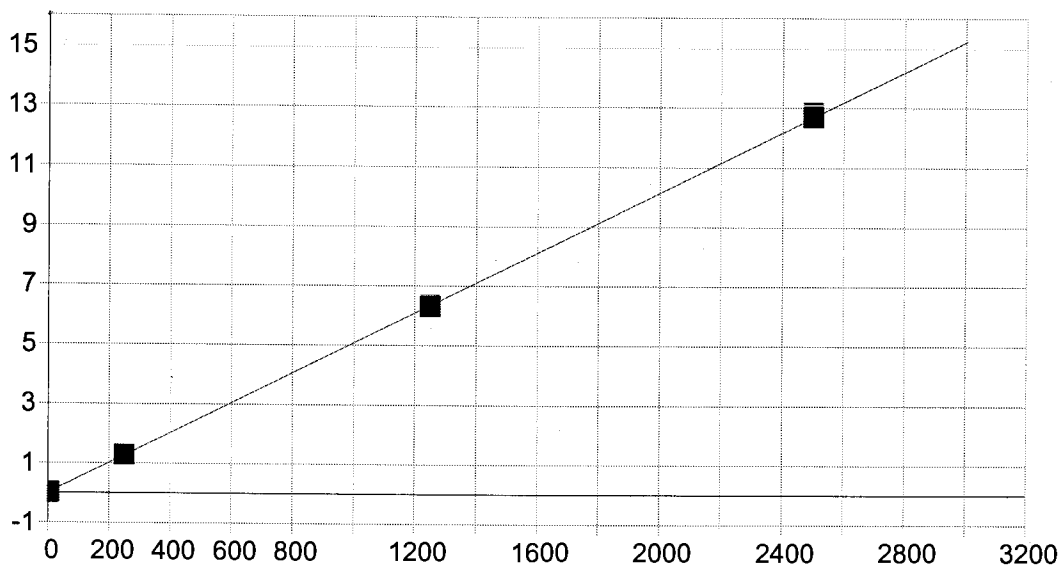
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.007670
 A1 (Gain): 0.000075
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802
 Std Error of Est: 0.002742
 Predicted MDL: 13.761054
 Predicted MQL: 45.870181

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.44002	-.440	.000	-.00770	.001	1
DCAL1	5000.0	5197.3	197.	3.95	.38284	.002	1
DCAL2	25000.	26098.	1100.	4.39	1.9533	.006	1
DCAL3	125000.	127450.	2450.	1.96	9.5683	.020	1
DCAL4	250000.	246260.	-3740.	-1.50	18.495	.044	1

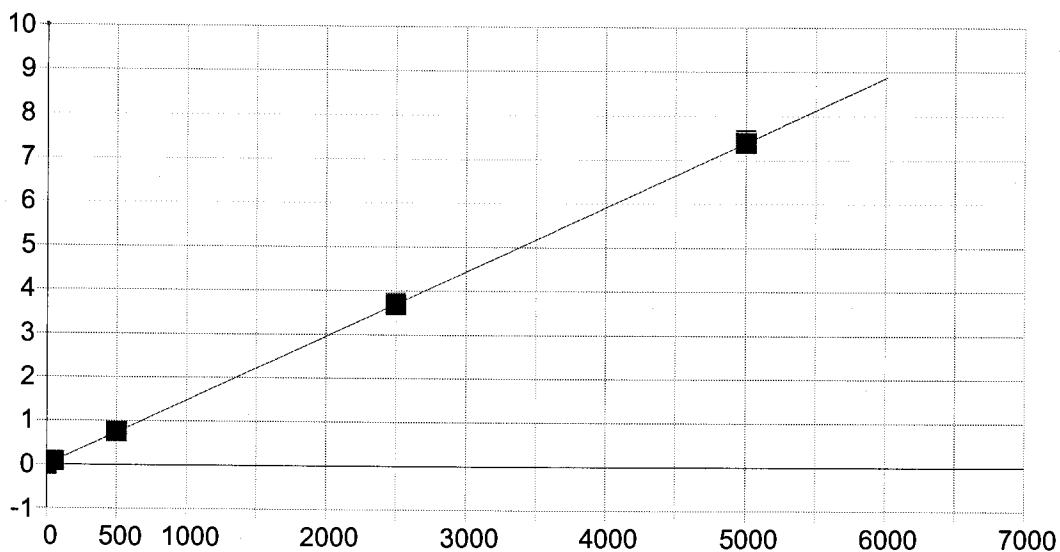


Cd 226.502 {449}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.005074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.098089
 Predicted MQL: 0.326962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00014	.000	.000	-.00046	.000	1
DCAL1	4.0000	4.1111	.111	2.78	.02049	.000	1
DCAL2	250.00	252.80	2.80	1.12	1.2941	.002	1
DCAL3	1250.0	1243.9	-6.09	-.487	6.3702	.007	1
DCAL4	2500.0	2503.2	3.18	.127	12.819	.018	1



Co 228.616 {447}

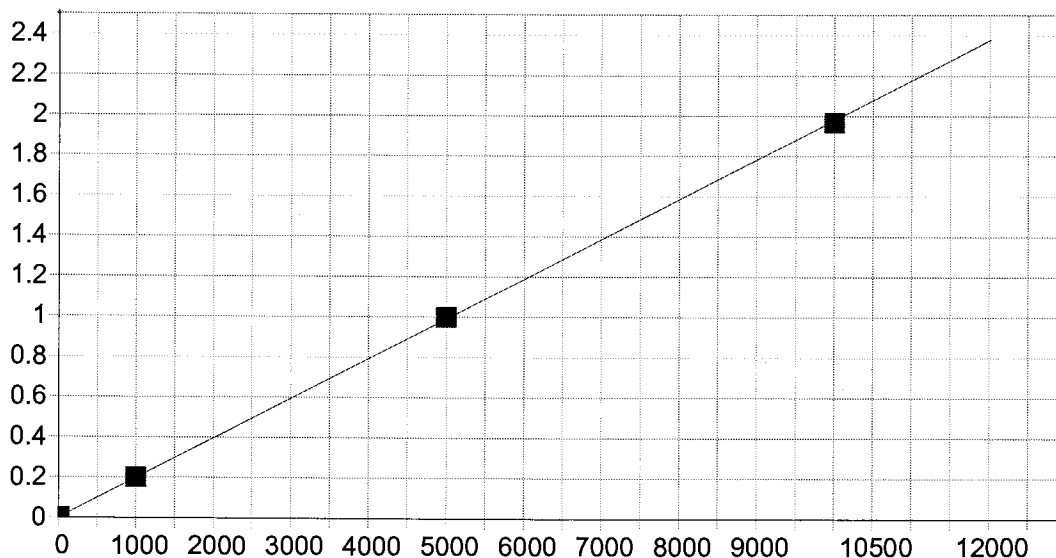
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000814
 A1 (Gain): 0.001477
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000219
 Predicted MDL: 0.284721
 Predicted MQL: 0.949071

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00233	-.002	.000	-.00082	.000	1
DCAL1	50.000	51.540	1.54	3.08	.07531	.000	1
DCAL2	500.00	509.78	9.78	1.96	.75822	.000	1
DCAL3	2500.0	2492.5	-7.54	-.302	3.7110	.002	1
DCAL4	5000.0	4996.2	-3.76	-.075	7.4395	.006	1



Cr 267.716 {126}

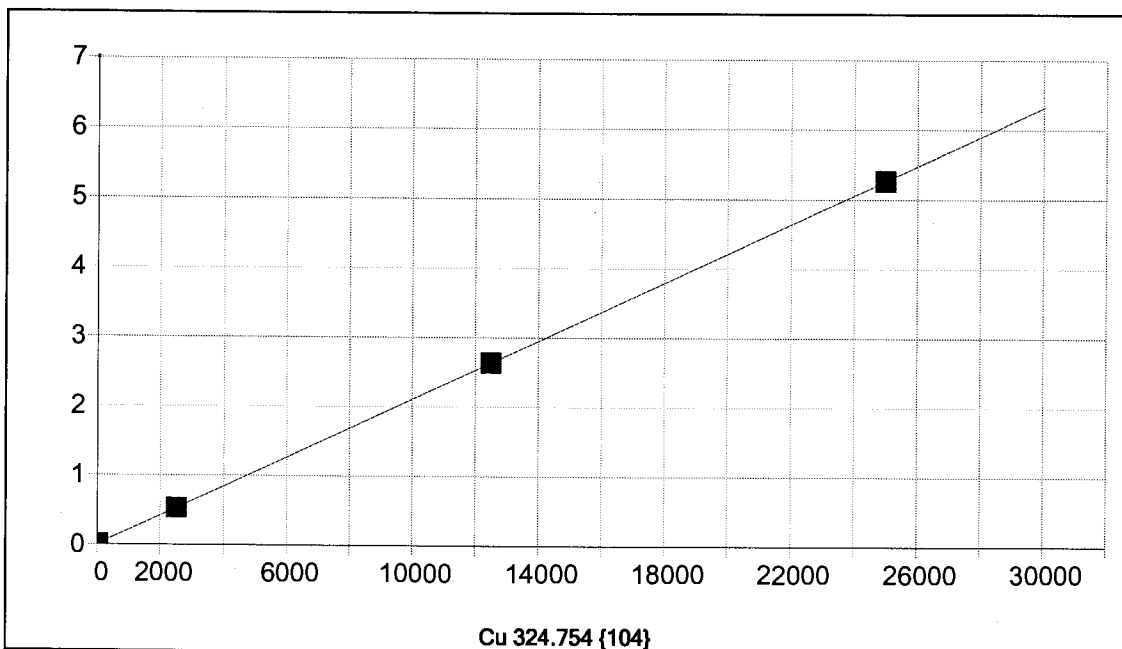
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110
 A1 (Gain): 0.000198
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000027
 Predicted MDL: 0.463050
 Predicted MQL: 1.543500

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

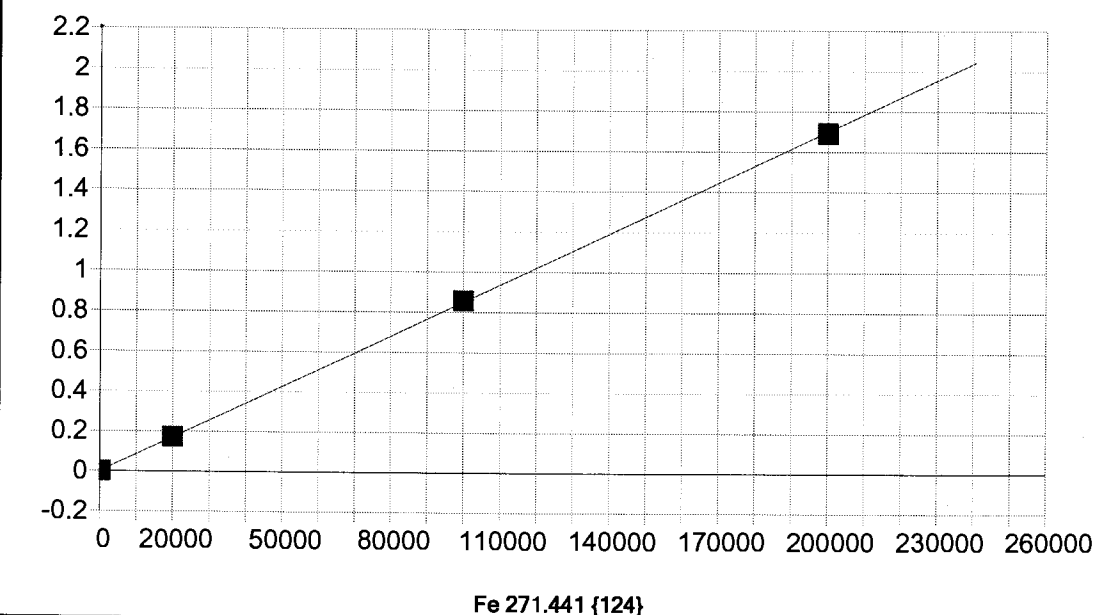
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00015	.000	.000	.00011	.000	1
DCAL1	10.000	9.9373	-.063	-.627	.00208	.000	1
DCAL2	1000.0	1018.0	18.0	1.80	.20169	.000	1
DCAL3	5000.0	5045.4	45.4	.909	.99917	.000	1
DCAL4	10000.	9936.6	-63.4	-.634	1.9677	.000	1



Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001605 Re-Slope: 1.000000
 A1 (Gain): 0.000211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 3.271082
 Predicted MQL: 10.903606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00155	-.002	.000	.00160	.001	1
DCAL1	25.000	26.298	1.30	5.19	.00714	.000	1
DCAL2	2500.0	2527.4	27.4	1.10	.53348	.000	1
DCAL3	12500.	12503.	3.01	.024	2.6327	.006	1
DCAL4	25000.	24968.	-31.7	-.127	5.2559	.015	1



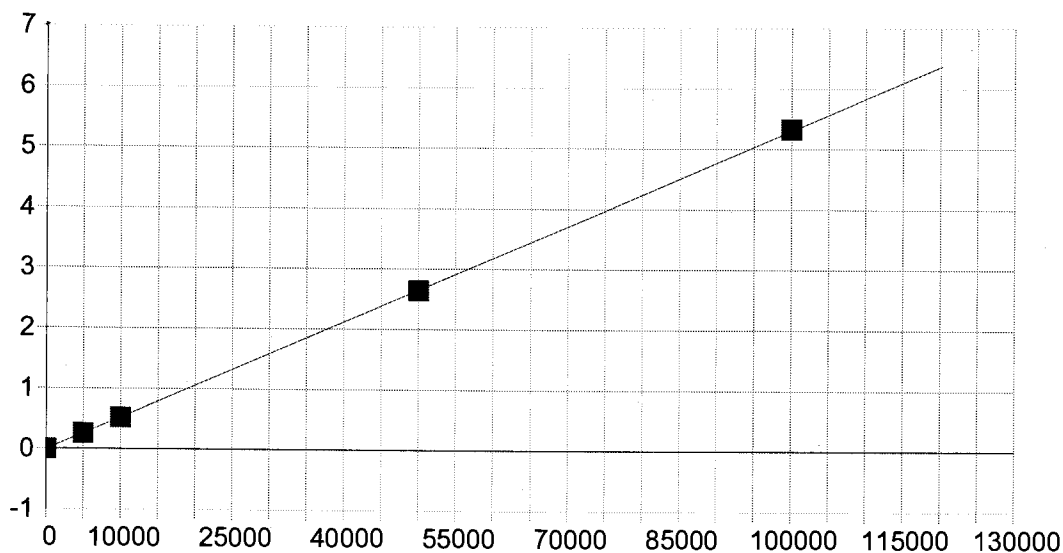
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022
 A1 (Gain): 0.000008
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000021
 Predicted MDL: 11.016491
 Predicted MQL: 36.721638

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01592	-.016	.000	.00002	.000	1
DCAL1	150.00	162.44	12.4	8.29	.00144	.000	1
DCAL2	20000.	20425.	425.	2.13	.17402	.000	1
DCAL3	100000.	100820.	825.	.825	.85894	.000	1
DCAL4	200000.	198740.	-1260.	-.631	1.6931	.001	1



K 766.490 { 44 }

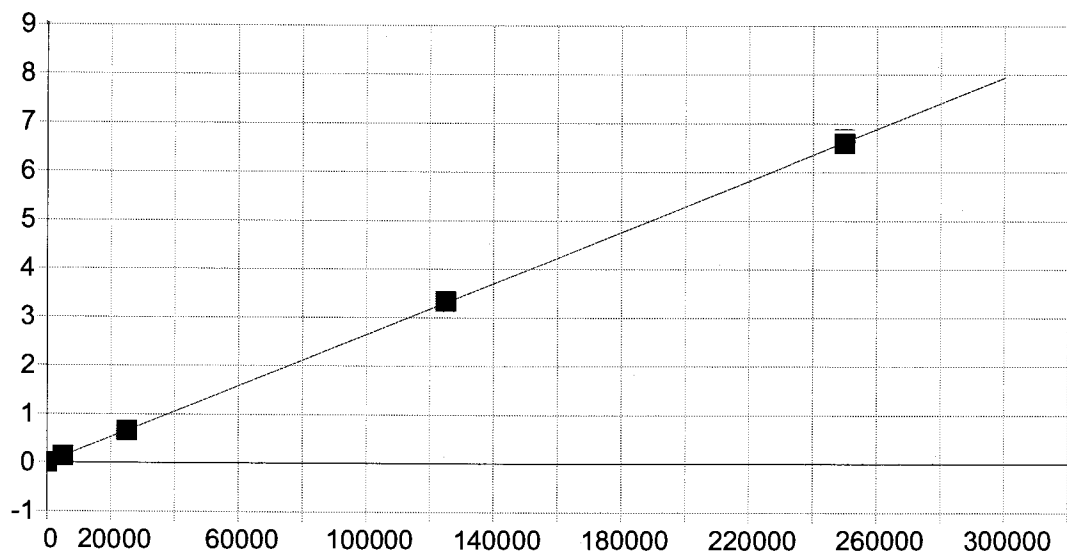
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.007576
 A1 (Gain): 0.000053
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000390
 Predicted MDL: 40.158949
 Predicted MQL: 133.863162

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.16356	.164	.000	-.00757	.003	1
DCAL1	5000.0	4914.5	-85.5	-1.71	.25319	.004	1
DCAL2	10000.	9836.0	-164.	-1.64	.51430	.003	1
DCAL3	50000.	49830.	-170.	-.341	2.6362	.006	1
DCAL4	100000.	100420.	420.	.420	5.3204	.008	1

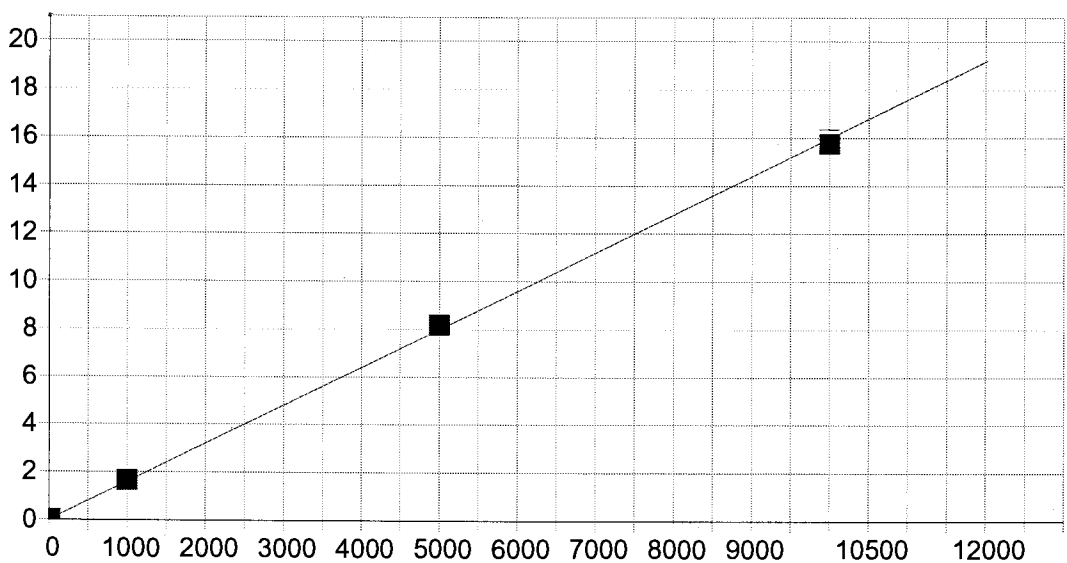


Mg 279.079 {121}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000077	Re-Slope: 1.000000
A1 (Gain):	0.000026	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999986	Status: OK.
Std Error of Est:	0.000260	
Predicted MDL:	3.903709	
Predicted MQL:	13.012362	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.07721	-.077	.000	-.00008	.000	1
DCAL1	5000.0	5086.0	86.0	1.72	.13451	.001	1
DCAL2	25000.	24860.	-140.	-.559	.65765	.001	1
DCAL3	125000.	125900.	901.	.721	3.3309	.008	1
DCAL4	250000.	249150.	-848.	-.339	6.5917	.078	1



Mn 257.610 {131}

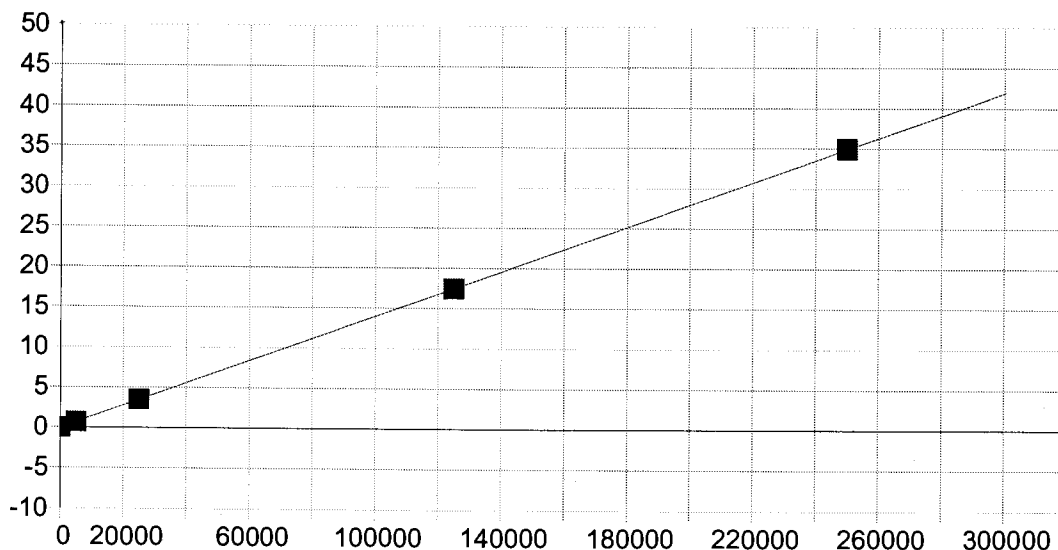
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058
 A1 (Gain): 0.001598
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800
 Std Error of Est: 0.000640
 Predicted MDL: 0.069771
 Predicted MQL: 0.232571

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00150	-.001	.000	.00006	.000	1
DCAL1	15.000	15.810	.810	5.40	.02533	.000	1
DCAL2	1000.0	1038.3	38.3	3.83	1.6596	.006	1
DCAL3	5000.0	5113.6	114.	2.27	8.1731	.022	1
DCAL4	10000.	9847.3	-153.	-1.53	15.739	.191	1



Na 589.592 { 57}

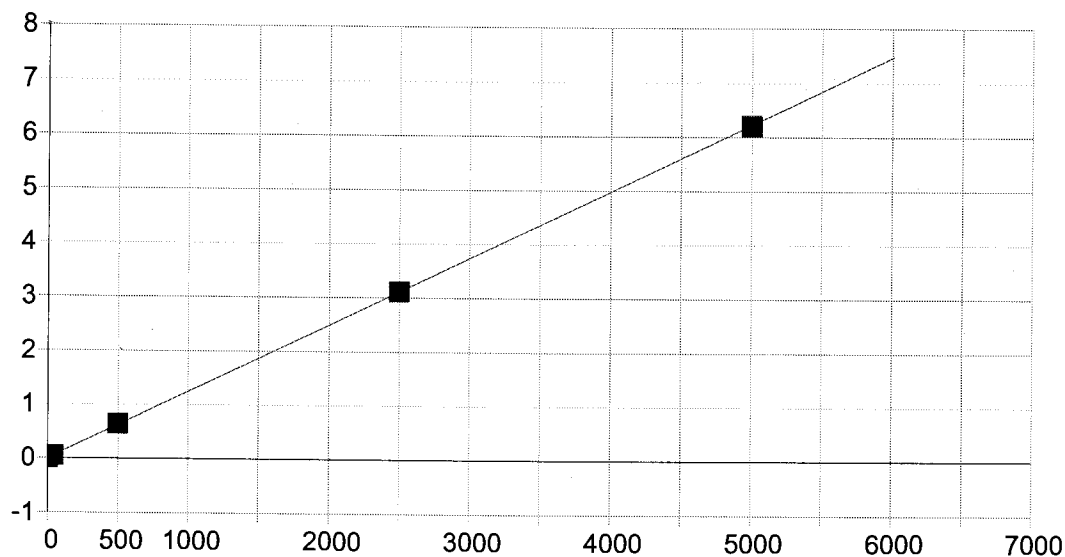
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010958
 A1 (Gain): 0.000140
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000498
 Predicted MDL: 14.167263
 Predicted MQL: 47.224210

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.08576	-.086	.000	-.01097	.002	1
DCAL1	5000.0	5077.1	77.1	1.54	.69796	.002	1
DCAL2	25000.	25046.	46.5	.186	3.4886	.008	1
DCAL3	125000.	125090.	90.3	.072	17.467	.024	1
DCAL4	250000.	249790.	-214.	-.086	34.890	.131	1

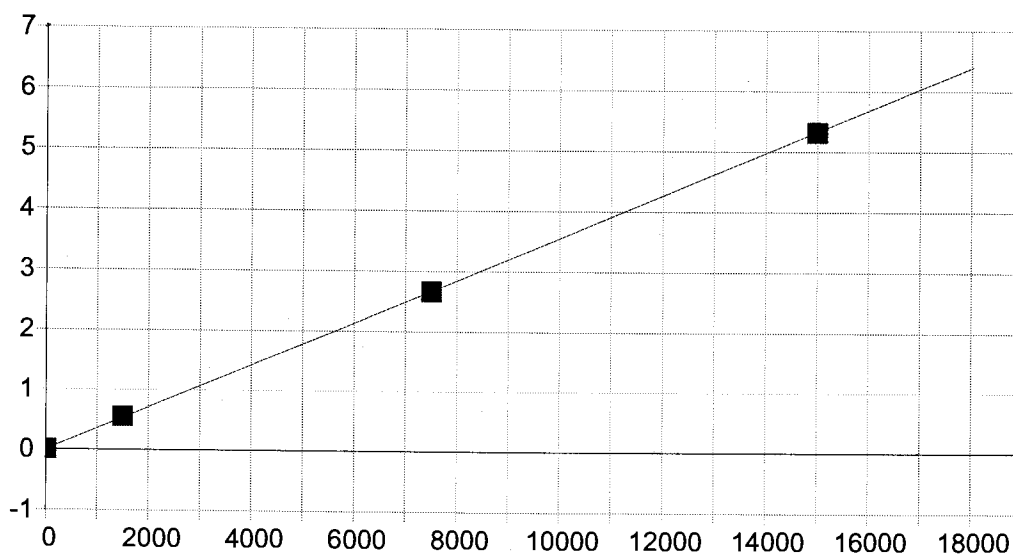


Ni 231.604 (446)

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000679 Re-Slope: 1.000000
 A1 (Gain): 0.001245 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.391551
 Predicted MQL: 1.305169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00344	-.003	.000	-.00068	.000	1
DCAL1	40.000	42.479	2.48	6.20	.05220	.000	1
DCAL2	500.00	513.66	13.7	2.73	.63937	.000	1
DCAL3	2500.0	2499.4	-.597	-.024	3.1139	.003	1
DCAL4	5000.0	4984.5	-15.5	-.311	6.2105	.005	1



Pb 220.353 (453)

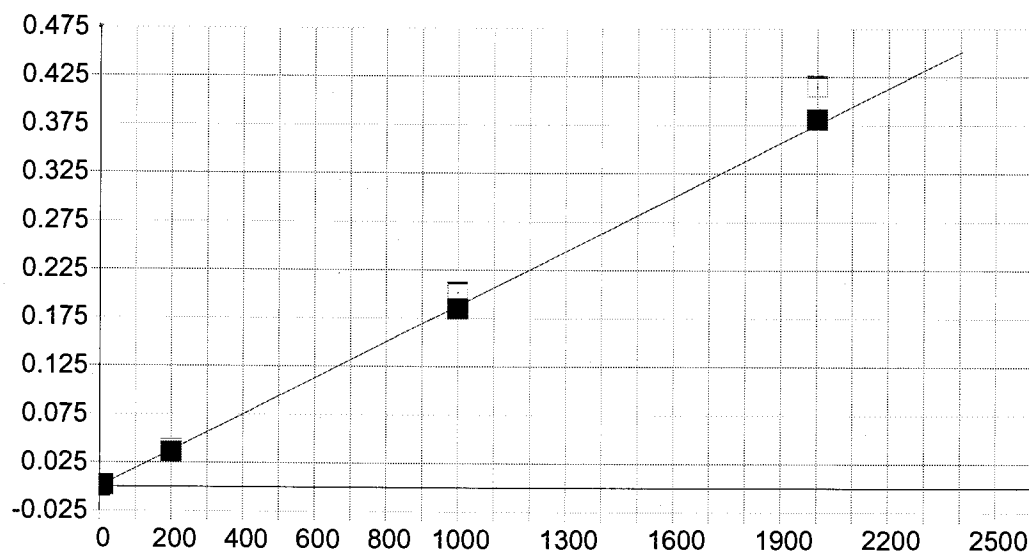
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139
 A1 (Gain): 0.000355
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000045
 Predicted MDL: 1.339496
 Predicted MQL: 4.464985

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00038	.000	.000	.00014	.000	1
DCAL1	5.0000	5.2322	.232	4.64	.00199	.000	1
DCAL2	1500.0	1551.3	51.3	3.42	.55091	.001	1
DCAL3	7500.0	7490.8	-9.21	-.123	2.6596	.005	1
DCAL4	15000.	14958.	-42.3	-.282	5.3105	.008	1



Sb 206.833 {463}

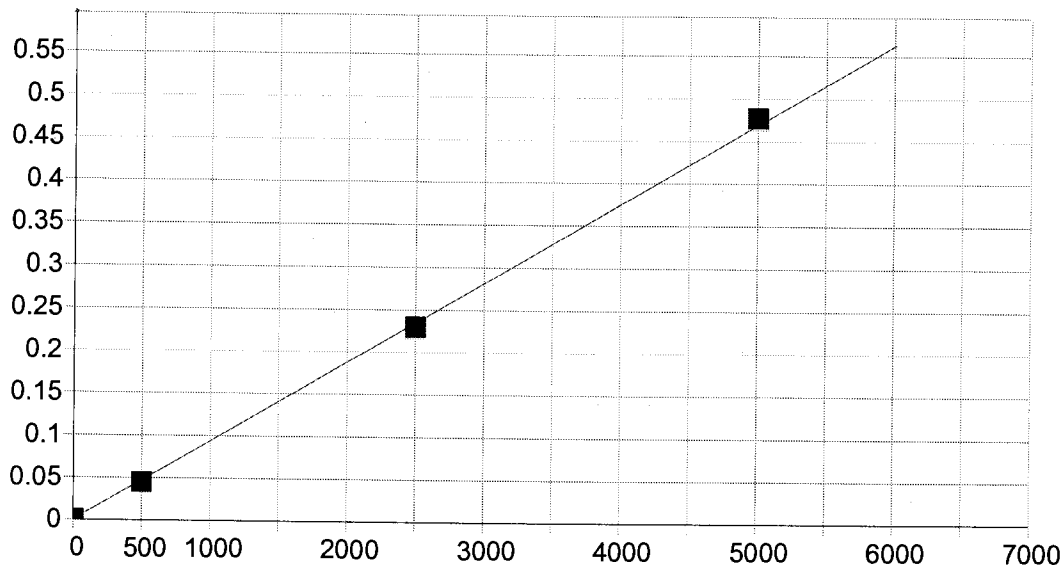
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.000116
 A1 (Gain): 0.000188
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824
 Std Error of Est: 0.000028
 Predicted MDL: 1.864934
 Predicted MQL: 6.216448

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00168	.002	.000	.00012	.000	1
DCAL1	10.000	8.8278	-1.17	-11.7	.00175	.000	1
DCAL2	200.00	190.56	-9.44	-4.72	.03928	.000	1
DCAL3	1000.0	981.54	-18.5	-1.85	.20130	.001	1
DCAL4	2000.0	2029.0	29.0	1.45	.41484	.001	1

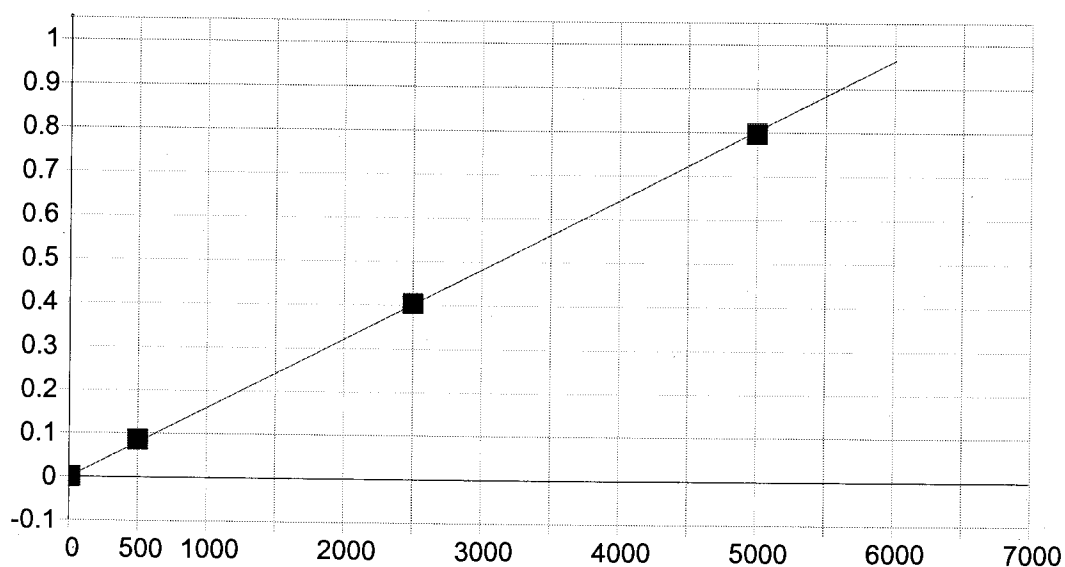


Se 196.090 {472}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.000094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 2.922366
 Predicted MQL: 9.741221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00218	.002	.000	.00027	.000	1
DCAL1	5.0000	3.1148	-1.89	-37.7	.00056	.000	1
DCAL2	500.00	473.33	-26.7	-5.33	.04432	.000	1
DCAL3	2500.0	2443.6	-56.4	-2.26	.22771	.001	1
DCAL4	5000.0	5085.0	85.0	1.70	.47370	.001	1



TI 190.856 {477}

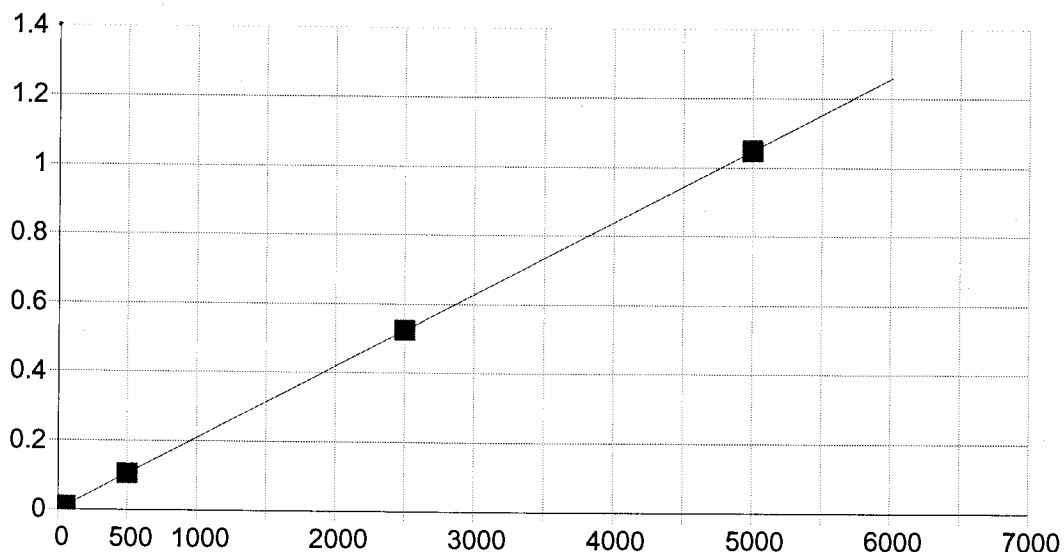
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000387
 A1 (Gain): 0.000161
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000035
 Predicted MDL: 1.823600
 Predicted MQL: 6.078667

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00057	-.001	.000	-.00039	.000	1
DCAL1	10.000	9.9252	-.075	-.748	.00122	.000	1
DCAL2	500.00	534.57	34.6	6.91	.08570	.001	1
DCAL3	2500.0	2511.2	11.2	.449	.40410	.001	1
DCAL4	5000.0	4954.3	-45.7	-.915	.79763	.000	1



V 292.402 {115}

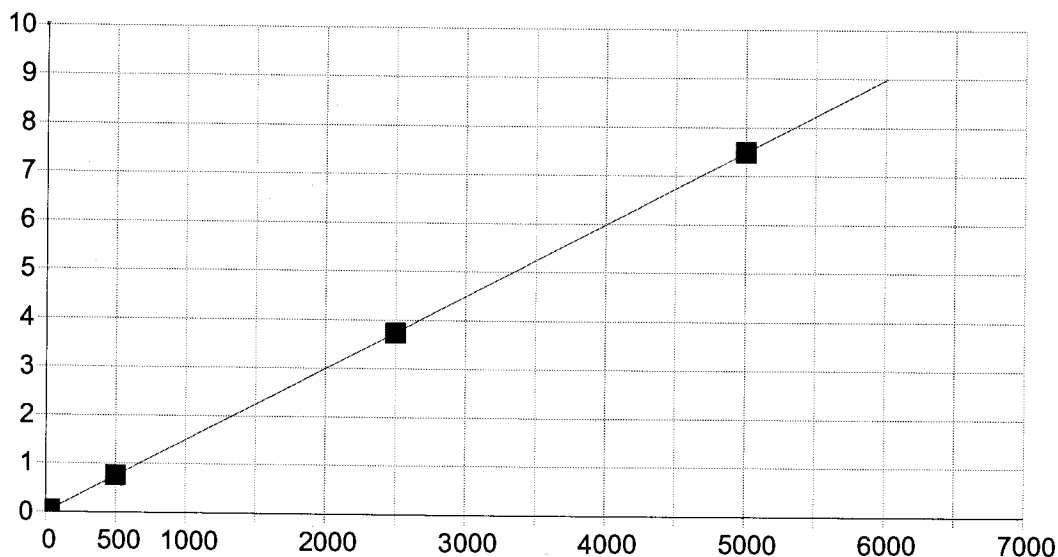
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): 0.000073
 A1 (Gain): 0.000209
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000009
 Predicted MDL: 0.491350
 Predicted MQL: 1.637833

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00023	.000	.000	.00007	.000	1
DCAL1	50.000	49.869	-.131	-.261	.01052	.000	1
DCAL2	500.00	498.21	-1.79	-.358	.10470	.000	1
DCAL3	2500.0	2505.6	5.62	.225	.52624	.000	1
DCAL4	5000.0	4996.3	-3.70	-.074	1.0493	.001	1

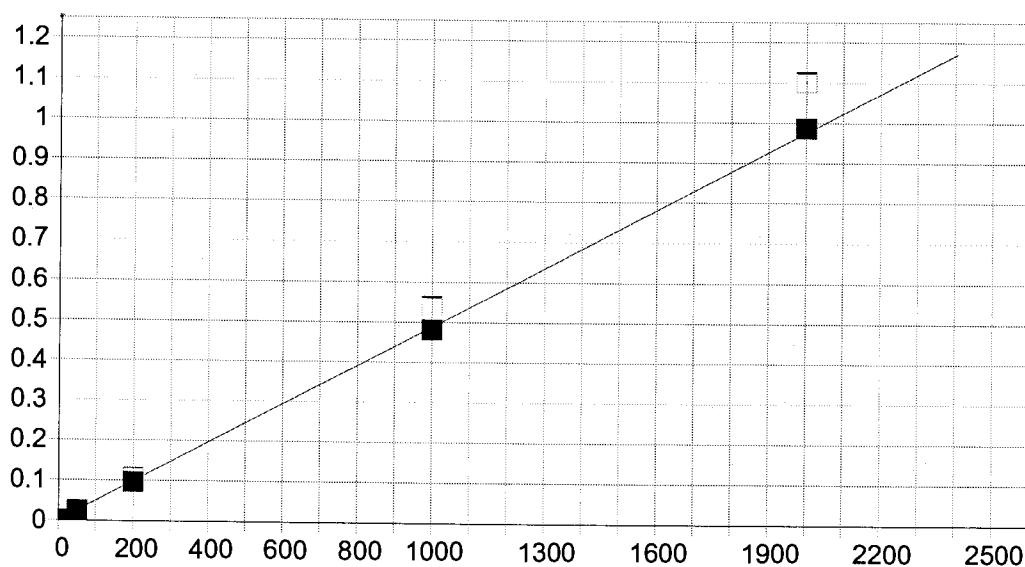


Zn 206.200 {463}

Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001217 Re-Slope: 1.000000
 A1 (Gain): 0.001496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.195364
 Predicted MQL: 0.651213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00145	-.001	.000	.00121	.000	1
DCAL1	30.000	31.283	1.28	4.28	.04807	.000	1
DCAL2	500.00	504.03	4.03	.805	.75617	.001	1
DCAL3	2500.0	2493.4	-6.56	-.262	3.7360	.003	1
DCAL4	5000.0	5001.3	1.25	.025	7.4924	.008	1



B 208.959 {461}

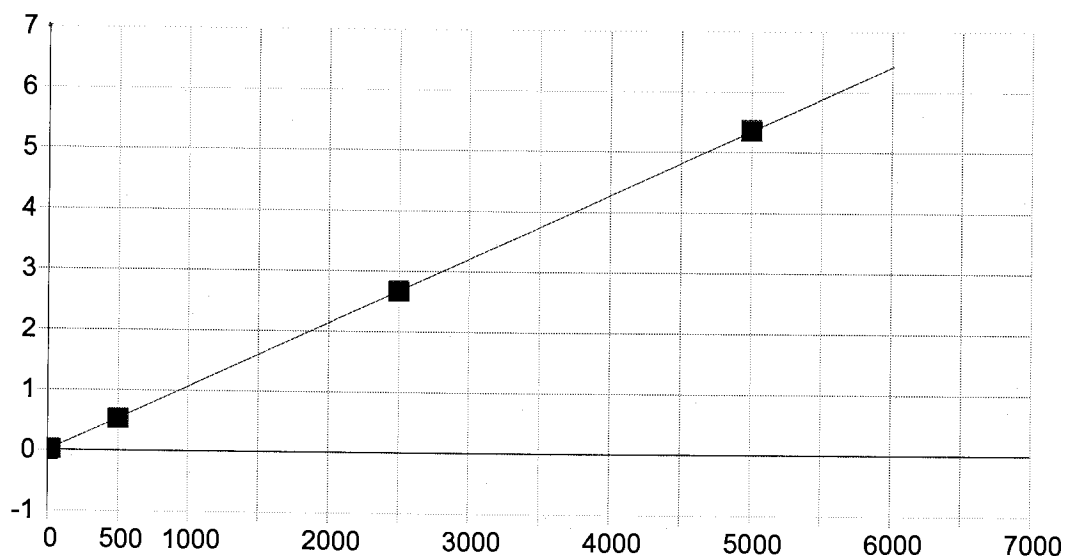
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001188
 A1 (Gain): 0.000487
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000116
 Predicted MDL: 0.666388
 Predicted MQL: 2.221295

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00308	.003	.000	.00119	.000	1
DCAL1	50.000	48.605	-1.39	-2.79	.02531	.000	1
DCAL2	200.00	194.02	-5.98	-2.99	.10720	.000	1
DCAL3	1000.0	985.13	-14.9	-1.49	.53858	.001	1
DCAL4	2000.0	2022.1	22.1	1.11	1.1012	.001	1



Mo 202.030 (467)

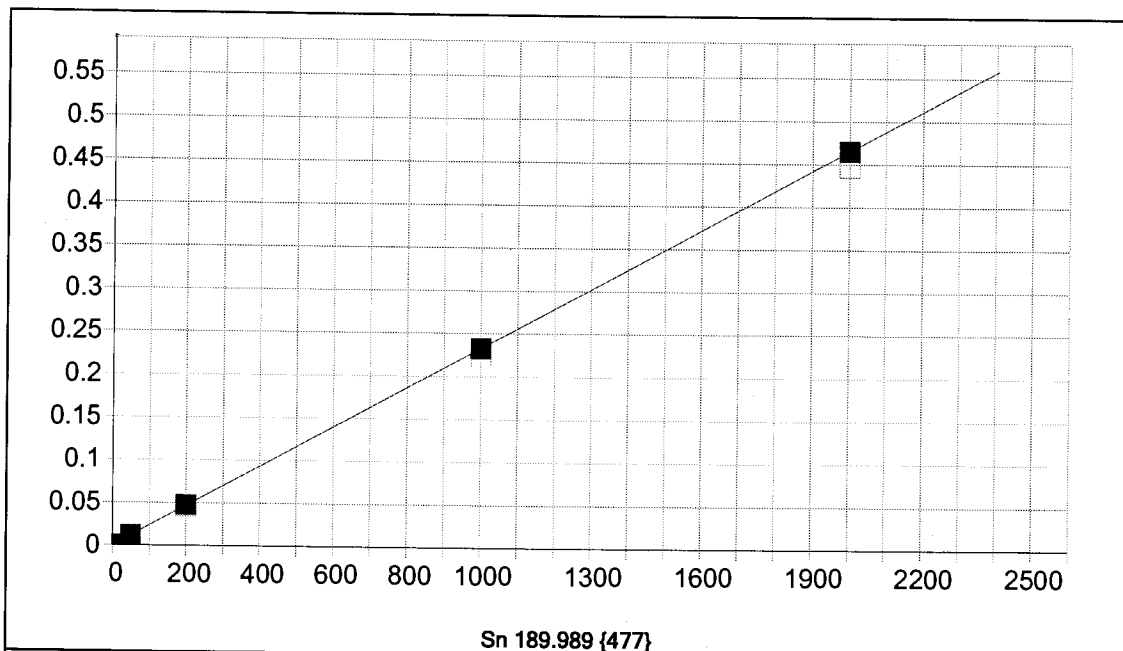
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000683
 A1 (Gain): 0.001069
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000054
 Predicted MDL: 0.294689
 Predicted MQL: 0.982297

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

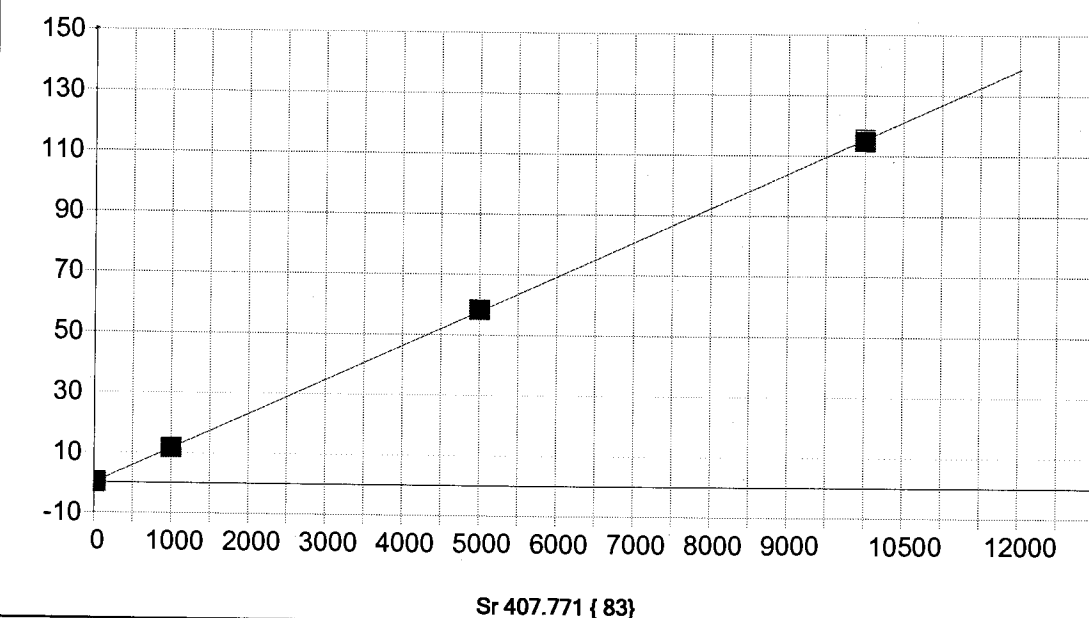
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00049	.000	.000	-.00068	.000	1
DCAL1	20.000	19.692	-.308	-1.54	.02045	.000	1
DCAL2	500.00	495.67	-4.33	-.866	.53003	.000	1
DCAL3	2500.0	2494.3	-5.73	-.229	2.6699	.004	1
DCAL4	5000.0	5010.4	10.4	.207	5.3638	.006	1



Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.000232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.839246
 Predicted MQL: 2.797485

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00077	-.001	.000	.00012	.000	1
DCAL1	50.000	50.099	.099	.197	.01174	.000	1
DCAL2	200.00	203.10	3.10	1.55	.04550	.000	1
DCAL3	1000.0	999.11	-.891	-.089	.22322	.000	1
DCAL4	2000.0	1997.7	-2.31	-.116	.44620	.001	1



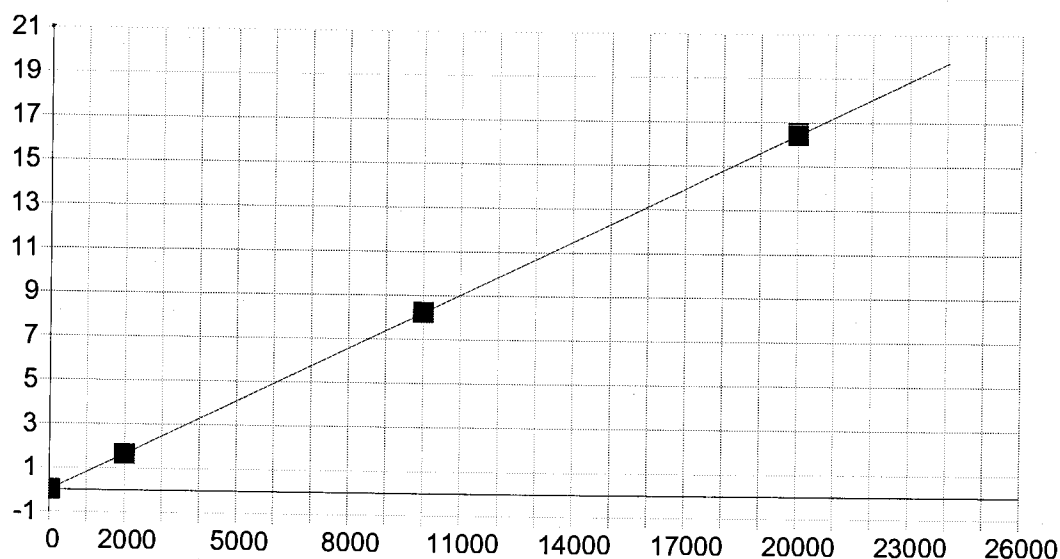
Date of Fit: 10/16/2011 15:18:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005031
 A1 (Gain): 0.011538
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.001857
 Predicted MDL: 0.099441
 Predicted MQL: 0.331469

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00022	.000	.000	-.00503	.001	1
DCAL1	20.000	20.009	.009	.044	.22663	.001	1
DCAL2	1000.0	1006.8	6.79	.679	11.616	.060	1
DCAL3	5000.0	5047.0	47.0	.940	58.249	.069	1
DCAL4	10000.	9946.2	-53.8	-.538	114.80	.612	1



Ti 334.941 {101}

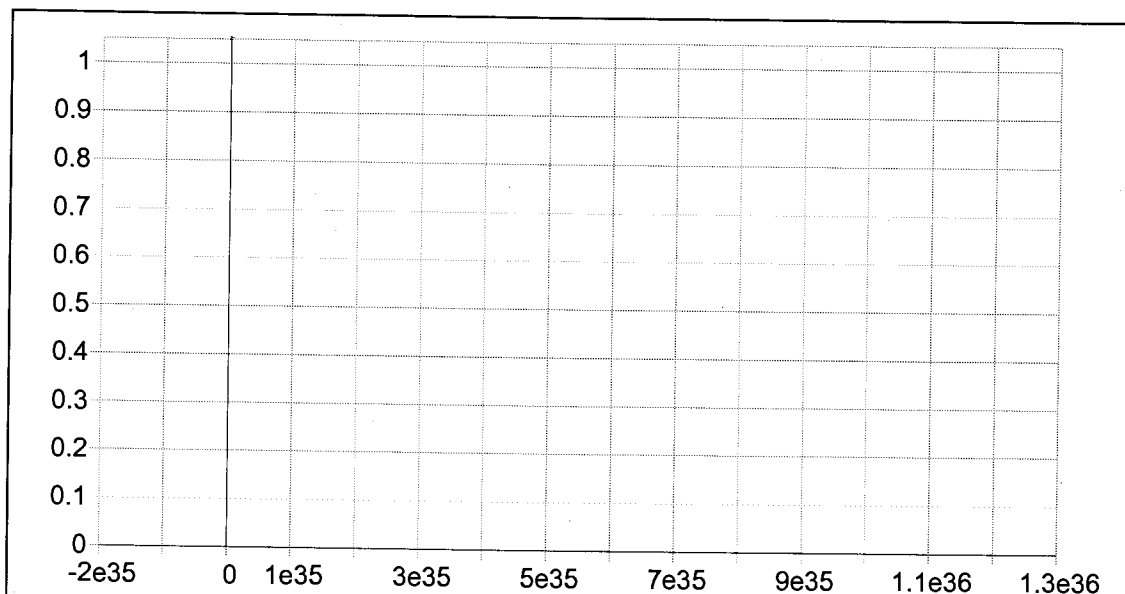
Date of Fit: 10/16/2011 15:18:34
 Type of Fit: Linear
 Weighting: 1/Conc

A0 (Offset): -0.000574
 A1 (Gain): 0.000820
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000
 Std Error of Est: 0.000015
 Predicted MDL: 1.075132
 Predicted MQL: 3.583772

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00023	.000	.000	-.00057	.000	1
DCAL1	20.000	19.799	-.201	-1.00	.01575	.001	1
DCAL2	2000.0	1996.4	-3.65	-.182	1.6402	.001	1
DCAL3	10000.	10004.	4.11	.041	8.2214	.016	1
DCAL4	20000.	20000.	-.263	-.001	16.437	.069	1

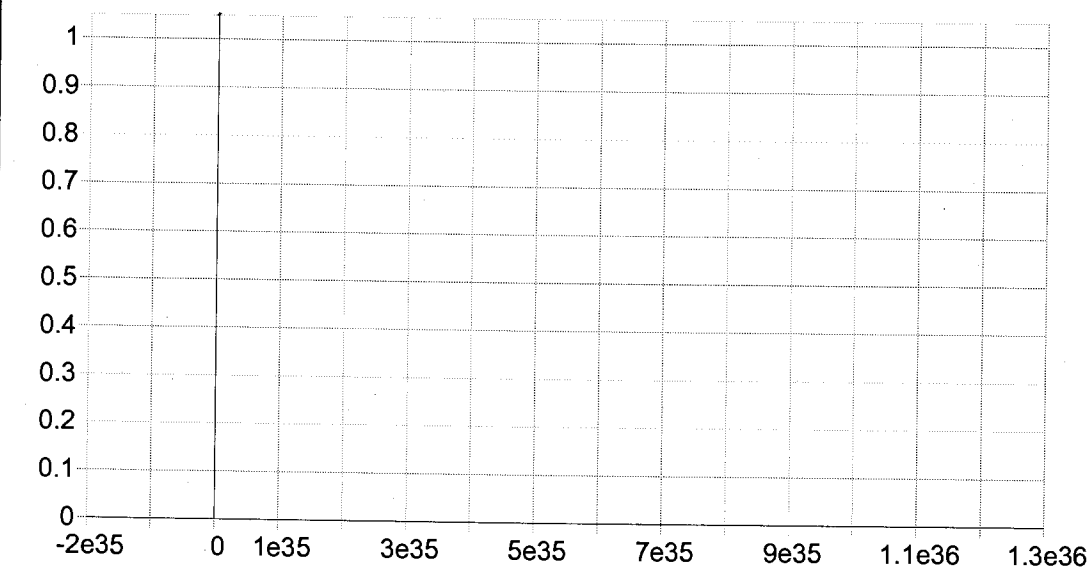


Y 224.306 {450}*

Date of Fit: 2/28/2011 17:34:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000 Status: Warning Zero Gain
 Std Error of Est: 183.492520
 Predicted MDL: n/a
 Predicted MQL: n/a

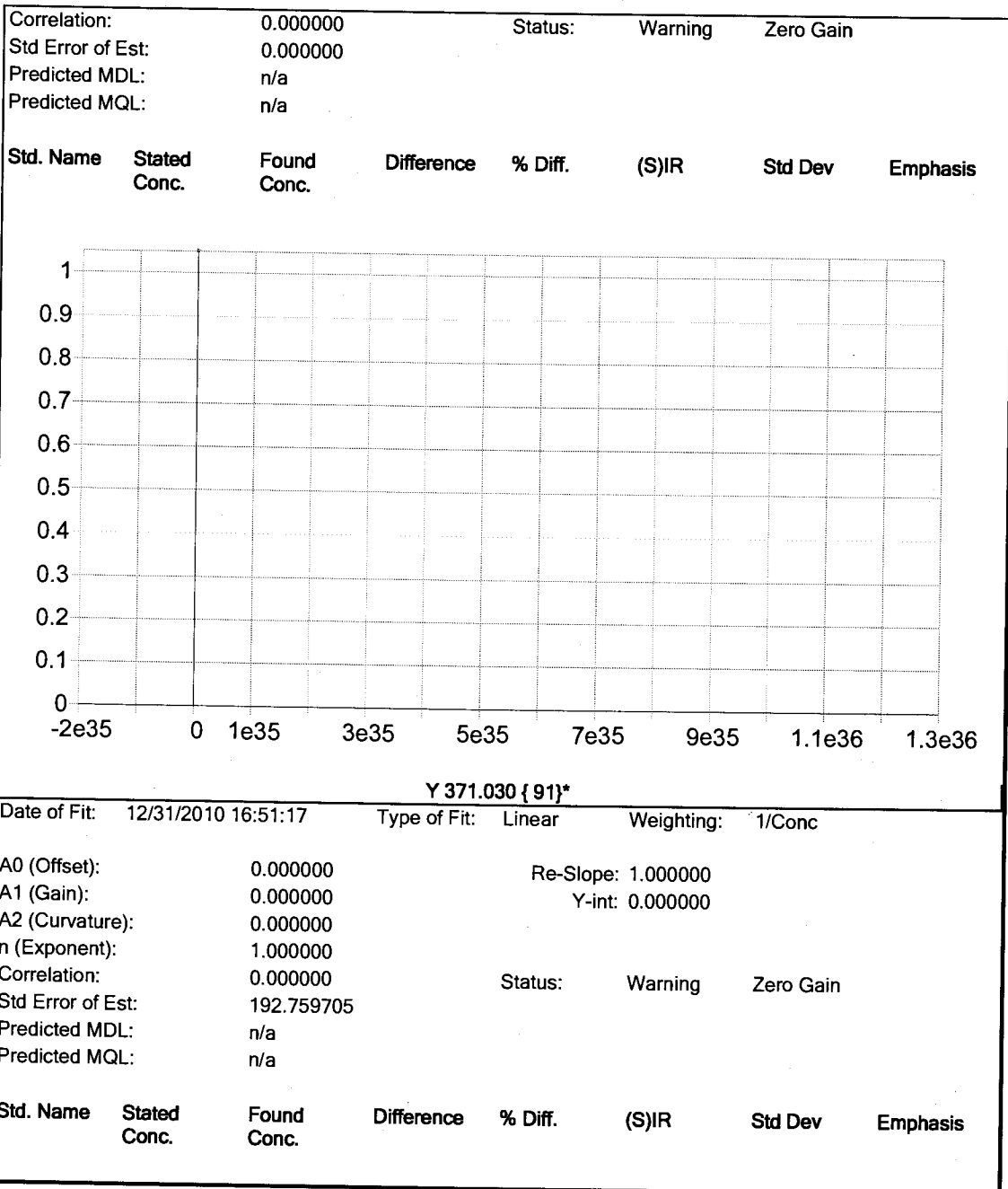
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 {94}*

Date of Fit: 5/4/2010 9:11:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000



Sample Name: CAL_BLK Acquired: 10/16/2011 15:00:47 Type: Cal

Method: SW84610142011(v3) 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	-.0004	.0000	-.0001	.0001	-.0009	-.0077
Stddev	.0008	.000	.0001	.0002	.0006	.0011
%RSD	228.7	401.6	173.0	290.2	63.26	14.29

#1	.0003	-.0001	.0000	.0001	-.0008	-.0072
#2	-.0001	-.0001	.0000	-.0001	-.0004	-.0090
#3	-.0013	.0001	-.0002	.0002	-.0015	-.0070

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	-.0008	.0001	.0016	.0000	-.0076
Stddev	.0001	.0003	.0001	.0006	.0001	.0026
%RSD	18.93	40.53	60.12	39.20	395.6	34.97

#1	-.0004	-.0008	.0002	.0020	-.0001	-.0104
#2	-.0006	-.0005	.0000	.0009	.0000	-.0051
#3	-.0004	-.0011	.0001	.0019	.0001	-.0073

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0001	.0001	-.0110	-.0007	.0001	.0001
Stddev	.0000	.0000	.0019	.0002	.0004	.0002
%RSD	56.95	71.01	17.19	29.50	310.3	159.4

#1	-.0001	.0000	-.0107	-.0007	-.0001	.0003
#2	-.0001	.0001	-.0130	-.0009	.0006	-.0001
#3	-.0001	.0000	-.0092	-.0005	-.0002	.0002

Sample Name: CAL_BLK Acquired: 10/16/2011 15:00:47 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	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	.0003	-.0004	.0001	.0012	.0012	-.0007
Stddev	.0001	.0001	.0000	.0001	.0002	.0001
%RSD	33.33	36.25	31.28	7.363	19.80	19.04

#1	.0003	-.0005	.0001	.0013	.0009	-.0005
#2	.0002	-.0003	.0001	.0012	.0012	-.0007
#3	.0004	-.0003	.0001	.0011	.0014	-.0008

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	-.0050	-.0006
Stddev	.0001	.0005	.0004
%RSD	62.66	9.983	63.19

#1	.0001	-.0056	-.0002
#2	.0002	-.0046	-.0008
#3	.0001	-.0050	-.0008

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2071.9	41882.	4426.6
Stddev	5.9	28.	23.5
%RSD	.28339	.06568	.53003

#1	2065.4	41855.	4407.0
#2	2073.4	41880.	4420.2
#3	2076.9	41910.	4452.6

Sample Name: DCAL1 Acquired: 10/16/2011 15:04:30 Type: Cal

Method: SW84610142011(v3) 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	.0169	.0005	.0024	.7269	.0171	.3828
Stddev	.0011	.0001	.0001	.0011	.0008	.0020
%RSD	6.590	13.37	4.602	.1524	4.490	.5141

#1	.0160	.0005	.0023	.7281	.0180	.3846
#2	.0165	.0005	.0023	.7267	.0169	.3807
#3	.0181	.0004	.0025	.7259	.0165	.3832

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	.0205	.0753	.0021	.0071	.0014	.2532
Stddev	.0003	.0004	.0000	.0004	.0001	.0042
%RSD	1.624	.4726	.6193	5.374	6.843	1.650

#1	.0201	.0756	.0021	.0076	.0015	.2505
#2	.0208	.0755	.0021	.0071	.0015	.2510
#3	.0206	.0749	.0021	.0068	.0013	.2580

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.1345	.0253	.6980	.0522	.0020	.0017
Stddev	.0006	.0002	.0016	.0002	.0003	.0002
%RSD	.4806	.9134	.2357	.3253	13.53	12.58

#1	.1339	.0252	.6961	.0522	.0020	.0020
#2	.1352	.0256	.6991	.0521	.0017	.0017
#3	.1345	.0252	.6988	.0524	.0022	.0015

Sample Name: DCAL1 Acquired: 10/16/2011 15:04:30 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	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	.0006	.0012	.0105	.0481	.0253	.0205
Stddev	.0001	.0002	.0001	.0003	.0000	.0001
%RSD	12.92	14.24	.5193	.6557	.1768	.5182

#1	.0005	.0012	.0105	.0478	.0253	.0205
#2	.0005	.0011	.0106	.0484	.0253	.0206
#3	.0006	.0014	.0105	.0480	.0253	.0203

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	.0117	.2266	.0157
Stddev	.0001	.0009	.0007
%RSD	.8790	.4151	4.225

#1	.0118	.2256	.0150
#2	.0118	.2267	.0163
#3	.0116	.2275	.0160

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2051.7	41372.	4462.1
Stddev	1.3	147.	13.8
%RSD	.06555	.35478	.30864

#1	2050.7	41528.	4446.3
#2	2053.2	41237.	4471.7
#3	2051.1	41349.	4468.2

Sample Name: DCAL2 Acquired: 10/16/2011 15:08:08 Type: Cal
Method: SW84610142011(v3) 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	2.320	.0460	.0591	7.212	1.702	1.953
Stddev	.010	.0002	.0001	.006	.006	.006
%RSD	.4371	.4085	.1078	.0830	.3695	.2983

#1	2.308	.0462	.0590	7.214	1.695	1.947
#2	2.323	.0458	.0591	7.205	1.705	1.958
#3	2.328	.0460	.0591	7.216	1.706	1.955

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	1.294	.7582	.2017	.5335	.1740	.5143
Stddev	.002	.0003	.0004	.0002	.0001	.0033
%RSD	.1190	.0438	.2146	.0316	.0849	.6482

#1	1.294	.7584	.2014	.5336	.1742	.5106
#2	1.292	.7578	.2015	.5333	.1740	.5154
#3	1.296	.7584	.2022	.5335	.1739	.5169

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	.6576	1.660	3.489	.6394	.5509	.0393
Stddev	.0013	.006	.008	.0003	.0006	.0002
%RSD	.2009	.3599	.2260	.0397	.1157	.4117

#1	.6564	1.656	3.481	.6391	.5502	.0394
#2	.6575	1.656	3.497	.6394	.5513	.0394
#3	.6590	1.666	3.488	.6396	.5513	.0391

Sample Name: DCAL2 Acquired: 10/16/2011 15:08:08 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	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	.0443	.0857	.1047	.7562	.1072	.5300
Stddev	.0002	.0006	.0001	.0008	.0004	.0002
%RSD	.3500	.7016	.1264	.1103	.3746	.0391

#1	.0444	.0858	.1046	.7557	.1067	.5298
#2	.0444	.0850	.1048	.7557	.1074	.5300
#3	.0441	.0862	.1046	.7571	.1075	.5302

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	.0455	11.62	1.640
Stddev	.0000	.06	.001
%RSD	.0660	.5198	.0391

#1	.0455	11.55	1.640
#2	.0455	11.63	1.641
#3	.0455	11.67	1.640

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2009.9	40202.	4409.8
Stddev	5.0	44.	17.4
%RSD	.24954	.10936	.39374

#1	2004.6	40173.	4428.3
#2	2014.5	40252.	4393.9
#3	2010.5	40180.	4407.1

Sample Name: DCAL3 Acquired: 10/16/2011 15:11:34 Type: Cal

Method: SW84610142011(v3) 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	11.65	.2389	.3049	35.65	8.425	9.568
Stddev	.03	.0006	.0002	.03	.024	.021
%RSD	.2228	.2439	.0580	.0865	.2895	.2138

#1	11.62	.2389	.3047	35.61	8.420	9.569
#2	11.66	.2383	.3051	35.66	8.452	9.589
#3	11.67	.2394	.3050	35.67	8.403	9.548

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	6.370	3.711	.9992	2.633	.8589	2.636
Stddev	.007	.002	.0004	.006	.0001	.006
%RSD	.1069	.0508	.0420	.2257	.0141	.2440

#1	6.362	3.710	.9987	2.629	.8591	2.637
#2	6.374	3.709	.9993	2.640	.8589	2.642
#3	6.374	3.713	.9995	2.630	.8588	2.629

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	3.331	8.173	17.47	3.114	2.660	.2013
Stddev	.008	.022	.02	.003	.005	.0007
%RSD	.2406	.2747	.1398	.0898	.1881	.3631

#1	3.322	8.149	17.44	3.111	2.654	.2005
#2	3.336	8.193	17.48	3.114	2.661	.2019
#3	3.335	8.178	17.48	3.117	2.664	.2015

Sample Name: DCAL3 Acquired: 10/16/2011 15:11:34 Type: Cal

Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Se196	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	.2277	.4041	.5262	3.736	.5386	2.670
Stddev	.0007	.0006	.0004	.003	.0013	.004
%RSD	.3212	.1429	.0821	.0869	.2328	.1328

#1	.2272	.4035	.5265	3.732	.5376	2.666
#2	.2285	.4046	.5257	3.738	.5381	2.670
#3	.2274	.4042	.5265	3.738	.5400	2.673

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	.2232	58.25	8.221
Stddev	.0003	.07	.016
%RSD	.1393	.1185	.1887

#1	.2229	58.20	8.205
#2	.2234	58.33	8.236
#3	.2234	58.22	8.223

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1881.9	37752.	4331.9
Stddev	2.4	55.	13.6
%RSD	.12643	.14539	.31315

#1	1880.5	37808.	4317.9
#2	1880.6	37751.	4332.9
#3	1884.7	37698.	4344.9

Sample Name: DCAL4 Acquired: 10/16/2011 15:14:54 Type: Cal
Method: SW84610142011(v3) 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	23.51	.4953	.6266	70.96	16.75	18.50
Stddev	.09	.0003	.0007	.07	.04	.04
%RSD	.3797	.0644	.1118	.1029	.2647	.2406

#1	23.43	.4950	.6258	70.91	16.72	18.46
#2	23.49	.4956	.6271	70.92	16.73	18.48
#3	23.60	.4953	.6270	71.04	16.80	18.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	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	12.82	7.440	1.968	5.256	1.693	5.320
Stddev	.02	.006	.000	.015	.001	.008
%RSD	.1365	.0861	.0027	.2932	.0384	.1573

#1	12.81	7.433	1.968	5.243	1.694	5.316
#2	12.81	7.440	1.968	5.252	1.693	5.315
#3	12.84	7.446	1.968	5.273	1.692	5.330

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	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	6.592	15.74	34.89	6.211	5.311	.4148
Stddev	.079	.19	.13	.005	.008	.0007
%RSD	1.191	1.216	.3767	.0859	.1549	.1792

#1	6.519	15.68	34.75	6.206	5.305	.4149
#2	6.675	15.58	34.91	6.209	5.307	.4141
#3	6.580	15.95	35.01	6.217	5.320	.4156

Sample Name: DCAL4 Acquired: 10/16/2011 15:14:54 Type: Cal
Method: SW84610142011(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	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	.4737	.7976	1.049	7.492	1.101	5.364
Stddev	.0005	.0002	.001	.008	.001	.006
%RSD	.1161	.0280	.0740	.1120	.1200	.1045

#1	.4741	.7974	1.050	7.486	1.100	5.360
#2	.4731	.7978	1.049	7.489	1.102	5.362
#3	.4739	.7977	1.049	7.502	1.102	5.370

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	.4462	114.8	16.44
Stddev	.0006	.6	.07
%RSD	.1390	.5330	.4197

#1	.4455	114.1	16.38
#2	.4467	115.3	16.42
#3	.4463	114.9	16.51

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	1773.6	36429.	4306.8
Stddev	3.3	26.	7.5
%RSD	.18582	.07256	.17348

#1	1770.2	36447.	4303.6
#2	1776.8	36441.	4301.5
#3	1773.6	36399.	4315.4

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119700.	2365.	1185.	9662.	965.8	122700.
Stddev	345.	3.	2.	8.	1.2	164.
%RSD	.2883	.1150	.1793	.0841	.1235	.1336

#1	119900.	2369.	1183.	9666.	967.1	122900.
#2	119900.	2364.	1186.	9653.	965.5	122700.
#3	119300.	2364.	1186.	9668.	964.7	122600.

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	1205.	2407.	4837.	12050.	96970.	47900.
Stddev	1.	1.	7.	30.	111.	86.
%RSD	.0860	.0501	.1469	.2481	.1141	.1794

#1	1206.	2407.	4830.	12060.	97070.	47950.
#2	1203.	2405.	4838.	12070.	96850.	47950.
#3	1205.	2407.	4844.	12010.	96980.	47800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
Method: SW84610142011(v3) 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	121100.	4893.	120500.	2419.	7266.	954.0
Stddev	63.	10.	343.	.	2.	1.5
%RSD	.0523	.2112	.2845	.0205	.0319	.1568

#1	121000.	4881.	120900.	2420.	7266.	955.3
#2	121100.	4900.	120300.	2419.	7264.	954.2
#3	121200.	4898.	120300.	2419.	7268.	952.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	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	2365.	2449.	2397.	2413.	963.1	2398.
Stddev	4.	6.	1.	4.	.8	1.
%RSD	.1669	.2418	.0487	.1519	.0849	.0475

#1	2360.	2442.	2397.	2413.	962.9	2398.
#2	2366.	2454.	2396.	2409.	962.4	2397.
#3	2368.	2451.	2398.	2416.	964.0	2399.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 10/16/2011 15:18:41 Type: QC
 Method: SW84610142011(v3) 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	966.0	4838.	9640.
Stddev	1.9	16.	18.
%RSD	.2010	.3222	.1872

#1	966.9	4846.	9653.
#2	963.8	4849.	9646.
#3	967.4	4821.	9619.

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	1904.3	38423.	4382.4
Stddev	4.7	146.	33.2
%RSD	.24884	.37882	.75718

#1	1905.3	38526.	4369.1
#2	1908.4	38486.	4420.2
#3	1899.1	38257.	4357.9

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.122	.4064	.0084	.6288	.0863	4.259
Stddev	9.884	1.317	.6689	.1558	.0751	6.571
%RSD	316.6	324.1	7998.	24.78	86.96	154.3

#1	-13.05	-.6143	.4518	.7363	.0129	10.74
#2	6.720	-.0600	.3343	.7001	.1630	4.436
#3	-3.039	1.894	-.7610	.4502	.0831	-2.399

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0853	.0945	.1602	2.522	4.169	102.0
Stddev	.0610	.2424	.1704	.480	.965	21.8
%RSD	71.55	256.5	106.4	19.05	23.14	21.39

#1	.1355	.3436	.0072	1.969	3.323	82.80
#2	.0174	-.1407	.1294	2.763	3.964	97.49
#3	.1030	.0806	.3439	2.834	5.220	125.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
Method: SW84610142011(v3) 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	8.471	.2952	66.36	.2161	.2776	1.808
Stddev	1.538	.0454	.85	.0136	1.338	1.733
%RSD	18.15	15.37	1.279	6.275	482.2	95.83

#1	6.698	.3046	67.03	.2038	1.784	-.0610
#2	9.267	.3352	65.40	.2139	-.1769	3.361
#3	9.446	.2459	66.64	.2306	-.7743	2.125

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.547	.4178	-.1449	-.0943	2.452	1.541
Stddev	6.295	1.409	.2528	.1587	1.037	.732
%RSD	407.0	337.4	174.5	168.2	42.31	47.51

#1	4.073	2.023	-.3162	-.1107	3.642	2.337
#2	-8.350	-.1527	.1455	-.2442	1.976	1.389
#3	-.3636	-.6169	-.2639	.0719	1.738	.8965

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 15:22:02 Type: QC
 Method: SW84610142011(v3) 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	.8514	.3672	.0803
Stddev	.3988	.0649	1.190
%RSD	46.84	17.68	1481.

#1	1.303	.3643	.7198
#2	.5487	.4336	.8141
#3	.7021	.3038	-1.293

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	2107.2	42133.	4491.0
Stddev	2.0	126.	16.8
%RSD	.09280	.29984	.37319

#1	2106.6	42226.	4474.1
#2	2105.6	42184.	4507.6
#3	2109.3	41989.	4491.2

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487000.	-6.758	-.3587	3.400	.1467	447900.
Stddev	1796.	1.296	.5761	.045	.0619	1102.
%RSD	.3688	19.18	160.6	1.331	42.18	.2461

#1	488400.	-6.557	-.8875	3.378	.1492	447100.
#2	487800.	-5.574	-.4440	3.370	.2074	449100.
#3	485000.	-8.143	.2552	3.452	.0837	447400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2675	.0294	4.193	-3.124	192300.	14.53
Stddev	.2190	.1742	.283	1.959	502.	40.46
%RSD	81.88	592.8	6.748	62.70	.2612	278.4

#1	.5135	-.1350	4.042	-1.102	191700.	13.34
#2	.1955	.2120	4.017	-5.013	192400.	55.58
#3	.0936	.0112	4.519	-3.258	192700.	-25.32

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) 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	496300.	.0543	-74.34	-1.169	-4.714	-5.060
Stddev	3059.	.0930	7.58	.946	2.259	3.058
%RSD	.6164	171.3	10.20	80.87	47.93	60.44

#1	493200.	.0270	-75.57	-.1760	-6.734	-8.517
#2	499300.	-.0220	-81.24	-2.059	-2.274	-2.709
#3	496400.	.1578	-66.22	-1.273	-5.133	-3.953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	1.691	-.1286	-1.796	-.3087	-3.387	-3.010
Stddev	5.223	1.963	.072	.2273	.620	.407
%RSD	309.0	1527.	4.028	73.63	18.29	13.51

#1	6.190	2.125	-1.776	-.4407	-4.075	-2.762
#2	-4.038	-1.463	-1.736	-.4391	-2.872	-3.479
#3	2.920	-1.048	-1.877	-.0462	-3.216	-2.789

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 10/16/2011 15:25:45 Type: QC
Method: SW84610142011(v3) 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	.6693	15.19	3.889
Stddev	.4854	.08	1.149
%RSD	72.51	.5119	29.55

#1	.1133	15.28	2.598
#2	.8862	15.13	4.800
#3	1.008	15.16	4.268

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	1871.5	36145.	4320.3
Stddev	5.8	86.	16.7
%RSD	.30928	.23692	.38637

#1	1868.1	36198.	4317.5
#2	1878.2	36191.	4305.2
#3	1868.2	36046.	4338.3

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487400.	88.80	103.2	98.38	98.03	449500.
Stddev	1097.	3.39	.4	.24	.21	2054.
%RSD	.2250	3.818	.3939	.2465	.2111	.4570

#1	486500.	89.85	103.0	98.62	97.82	447200.
#2	488700.	91.54	102.8	98.40	98.05	451000.
#3	487200.	85.01	103.6	98.13	98.23	450400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	93.58	92.91	101.7	93.04	192700.	10220.
Stddev	.07	.12	.7	3.53	460.	108.
%RSD	.0793	.1285	.6475	3.793	.2385	1.052

#1	93.66	92.77	101.2	89.43	192200.	10110.
#2	93.58	92.96	101.5	96.49	193000.	10330.
#3	93.51	92.99	102.5	93.19	193000.	10220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC

Method: SW84610142011(v3) 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	497400.	101.1	9892.	91.97	85.29	92.73
Stddev	2627.	.5	15.	.32	1.11	.86
%RSD	.5281	.4726	.1526	.3501	1.304	.9234

#1	496800.	100.5	9877.	91.78	85.44	91.79
#2	495100.	101.5	9907.	92.34	86.32	93.46
#3	500200.	101.1	9893.	91.79	84.11	92.95

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	90.49	82.07	95.69	92.55	90.13	90.80
Stddev	4.15	1.87	.15	.18	.91	.55
%RSD	4.583	2.284	.1523	.1926	1.008	.6006

#1	95.27	80.52	95.54	92.67	91.17	91.03
#2	87.96	81.55	95.83	92.64	89.73	90.18
#3	88.22	84.15	95.70	92.35	89.49	91.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 10/16/2011 15:29:30 Type: QC
 Method: SW84610142011(v3) 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	87.55	114.2	98.66
Stddev	1.00	.6	.52
%RSD	1.147	.4903	.5257

#1	88.08	113.9	98.15
#2	86.39	114.9	99.19
#3	88.17	113.9	98.65

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	1866.3	36031.	4322.1
Stddev	2.4	257.	29.4
%RSD	.12833	.71431	.67952

#1	1867.4	36269.	4355.6
#2	1863.5	35758.	4309.8
#3	1867.8	36067.	4300.8

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.67	5.368	.4077	-1.572	-.2602	55.57
Stddev	3.97	2.780	.2261	.035	.0503	11.23
%RSD	12.93	51.79	55.46	2.233	19.33	20.22

#1	31.04	8.277	.2199	-1.605	-.3080	50.02
#2	34.44	5.088	.6587	-1.577	-.2077	68.49
#3	26.53	2.739	.3446	-1.535	-.2648	48.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8695	10500.	9806.	-8.266	-56.86	97.65
Stddev	.0116	21.	9.	3.659	10.52	36.59
%RSD	1.334	.2014	.0883	44.27	18.51	37.47

#1	-.8828	10510.	9796.	-4.217	-69.00	113.9
#2	-.8641	10510.	9811.	-9.245	-50.37	123.3
#3	-.8616	10480.	9812.	-11.34	-51.21	55.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC

Method: SW84610142011(v3) 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	109.2	10090.	52.32	10630.	-2.451	-1.107
Stddev	13.1	42.	9.79	22.	1.105	2.047
%RSD	12.03	.4116	18.72	.2088	45.08	184.9

#1	124.0	10060.	52.18	10650.	-1.254	.3009
#2	104.7	10140.	62.18	10650.	-2.667	-1.1671
#3	98.87	10080.	42.59	10610.	-3.431	-3.455

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	.2607	1.000	4769.	-5.230	-2.003	4926.
Stddev	2.237	.474	6.	.121	.737	10.
%RSD	858.1	47.43	.1279	2.307	36.77	.2084

#1	.1390	.6945	4762.	-5.360	-1.730	4928.
#2	2.556	.7592	4774.	-5.206	-2.838	4935.
#3	-1.913	1.547	4769.	-5.122	-1.442	4915.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 10/16/2011 15:33:04 Type: QC
 Method: SW84610142011(v3) 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	9976.	9742.	9496.
Stddev	17.	156.	26.
%RSD	.1654	1.604	.2737

#1	9991.	9569.	9466.
#2	9980.	9874.	9511.
#3	9959.	9784.	9510.

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	1998.6	41839.	4487.1
Stddev	4.9	85.	24.8
%RSD	.24315	.20220	.55309

#1	1997.2	41792.	4511.7
#2	1994.5	41937.	4462.1
#3	2004.0	41788.	4487.5

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63.50	-2.792	.3564	257.0	1.702	102100.
Stddev	15.14	1.537	.6167	.5	.025	151.
%RSD	23.85	55.06	173.0	.1872	1.467	.1473

#1	68.05	-1.086	1.066	257.2	1.681	102200.
#2	46.60	-4.071	-.0547	256.5	1.695	102000.
#3	75.85	-3.220	.0584	257.4	1.729	102200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0714	4.138	1.107	2.239	55.75	25880.
Stddev	.0226	.127	.393	3.245	3.18	52.
%RSD	31.64	3.062	35.46	145.0	5.696	.2027

#1	.0859	4.283	1.527	5.297	54.80	25910.
#2	.0830	4.046	1.045	2.586	59.30	25820.
#3	.0454	4.086	.7493	-1.166	53.16	25900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) 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	46240.	7035.	48270.	5.364	1.465	2.643
Stddev	62.	7.	145.	.132	1.348	.798
%RSD	.1351	.0998	.3002	2.458	92.03	30.18

#1	46290.	7029.	48140.	5.480	1.161	1.963
#2	46270.	7034.	48240.	5.221	.2948	3.522
#3	46170.	7043.	48420.	5.390	2.939	2.445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-1.976	-16.07	.3034	3.828	175.7	2.850
Stddev	1.745	2.29	.4977	.154	.8	1.307
%RSD	88.32	14.24	164.0	4.017	.4822	45.84

#1	-.3931	-18.11	.6911	3.992	174.7	4.346
#2	-3.847	-13.60	.4770	3.804	176.1	2.277
#3	-1.687	-16.51	-.2577	3.688	176.2	1.929

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31507-J-3-D Acquired: 10/16/2011 15:36:54 Type: Unk

Method: SW84610142011(v3) 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	1.098	252.0	5.793
Stddev	.470	.7	.420
%RSD	42.78	.2860	7.259

#1	1.329	252.8	5.931
#2	1.407	251.5	5.321
#3	.5575	251.6	6.128

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	2012.3	39690.	4470.0
Stddev	6.5	30.	10.3
%RSD	.32445	.07460	.23008

#1	2013.4	39663.	4471.9
#2	2018.3	39686.	4479.2
#3	2005.3	39721.	4458.9

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10350.	5.083	7.499	96.24	.3378	119000.
Stddev	65.	.646	.486	.12	.0529	738.
%RSD	.6324	12.71	6.484	.1199	15.66	.6201

#1	10330.	5.618	7.039	96.37	.3279	118300.
#2	10300.	5.266	8.008	96.17	.2906	118900.
#3	10430.	4.365	7.450	96.16	.3950	119800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.182	8.477	120.2	385.1	15550.	528.5
Stddev	.120	.181	.6	4.3	60.	40.0
%RSD	1.670	2.139	.5331	1.113	.3882	7.560

#1	7.316	8.301	119.5	385.3	15490.	509.0
#2	7.085	8.664	120.5	380.7	15540.	501.9
#3	7.145	8.468	120.7	389.2	15610.	574.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk

Method: SW84610142011(v3) 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	4873.	230.9	1182.	784.8	20.46	.3100
Stddev	18.	.6	6.	1.3	.43	1.294
%RSD	.3795	.2666	.5396	.1696	2.117	417.3

#1	4864.	230.3	1178.	784.3	20.93	.9535
#2	4860.	231.1	1180.	786.3	20.35	1.156
#3	4894.	231.5	1190.	783.8	20.09	-1.179

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	1.081	-3.078	19.30	2582.	17.01	27.05
Stddev	.421	.913	.36	1.	.35	.34
%RSD	38.98	29.66	1.883	.0478	2.051	1.265

#1	.7767	-2.032	19.51	2581.	17.02	27.36
#2	.9038	-3.491	19.51	2582.	17.36	27.10
#3	1.562	-3.712	18.88	2583.	16.66	26.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-X DU@2 Acquired: 10/16/2011 15:40:41 Type: Unk
 Method: SW84610142011(v3) 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	136.5	84.44	315.4
Stddev	1.0	.28	1.1
%RSD	.6967	.3374	.3436

#1	137.4	84.15	314.2
#2	135.5	84.46	315.9
#3	136.5	84.72	316.2

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	2067.1	40903.	4513.9
Stddev	3.1	229.	41.3
%RSD	.15146	.56057	.91576

#1	2068.2	41148.	4556.9
#2	2069.6	40867.	4510.4
#3	2063.6	40694.	4474.4

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10070.	6.207	8.117	86.45	.2493	118600.
Stddev	100.	1.957	.765	1.03	.0720	1411.
%RSD	.9884	31.53	9.430	1.194	28.89	1.190

#1	9969.	4.588	8.487	85.30	.3091	117200.
#2	10070.	5.651	7.237	86.78	.2695	118400.
#3	10170.	8.381	8.627	87.28	.1693	120000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.703	9.677	145.7	324.3	16110.	547.4
Stddev	.149	.040	1.3	2.7	174.	10.8
%RSD	2.617	.4170	.8901	.8380	1.080	1.970

#1	5.535	9.699	144.4	321.2	15920.	554.8
#2	5.754	9.630	145.7	326.3	16160.	535.1
#3	5.819	9.701	147.0	325.3	16250.	552.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk

Method: SW84610142011(v3) 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	5255.	235.3	1069.	892.8	22.58	-.2235
Stddev	59.	3.5	21.	10.5	1.90	1.289
%RSD	1.130	1.504	1.985	1.177	8.394	576.5

#1	5202.	231.9	1054.	882.9	24.48	-1.361
#2	5244.	234.9	1060.	891.8	20.69	-.4853
#3	5319.	239.0	1094.	903.8	22.56	1.176

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-2.438	-3.022	21.18	2432.	17.36	27.77
Stddev	1.133	2.602	.70	27.	.27	.15
%RSD	46.49	86.09	3.311	1.128	1.547	.5306

#1	-1.157	-.0565	21.87	2405.	17.06	27.78
#2	-2.844	-4.089	20.47	2431.	17.57	27.61
#3	-3.312	-4.922	21.19	2460.	17.46	27.90

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-W@20 Acquired: 10/16/2011 15:44:15 Type: Unk

Method: SW84610142011(v3) 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	124.7	79.52	311.5
Stddev	.9	.98	4.3
%RSD	.7492	1.235	1.390

#1	123.9	78.66	307.4
#2	124.5	79.30	311.1
#3	125.7	80.59	316.0

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	2073.3	40562.	4513.4
Stddev	3.4	118.	3.8
%RSD	.16419	.29163	.08314

#1	2070.0	40677.	4513.1
#2	2073.0	40569.	4509.8
#3	2076.8	40441.	4517.3

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1987.	1.373	1.241	17.08	.0272	23580.
Stddev	11.	1.325	.462	.07	.0822	47.
%RSD	.5399	96.52	37.20	.4364	301.9	.1990

#1	1982.	.1153	1.120	17.06	.0047	23560.
#2	1979.	1.247	1.752	17.01	.1184	23640.
#3	1999.	2.757	.8523	17.16	-.0414	23550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.209	1.943	28.27	63.84	3192.	202.0
Stddev	.046	.115	.16	1.41	7.	11.3
%RSD	3.800	5.915	.5501	2.212	.2105	5.602

#1	1.212	2.074	28.35	62.28	3190.	209.3
#2	1.253	1.891	28.37	64.18	3186.	189.0
#3	1.161	1.862	28.09	65.05	3199.	207.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) 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	1054.	46.77	243.1	178.6	3.784	1.055
Stddev	6.	.18	10.1	.2	.746	.553
%RSD	.5297	.3786	4.157	.0936	19.72	52.38

#1	1059.	46.98	231.4	178.5	3.620	1.161
#2	1055.	46.67	249.0	178.6	3.133	1.548
#3	1048.	46.67	248.8	178.8	4.598	.4574

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-3.429	.8791	4.138	481.9	2.940	5.249
Stddev	1.821	.7104	.612	1.3	.561	.470
%RSD	53.11	80.81	14.79	.2716	19.07	8.946

#1	-3.362	1.546	3.462	480.4	3.536	4.932
#2	-5.282	.9602	4.653	482.5	2.860	5.027
#3	-1.642	.1316	4.300	482.7	2.423	5.789

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32275-A-6-W@1 Acquired: 10/16/2011 15:47:48 Type: Unk

Method: SW84610142011(v3) 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	25.12	15.74	60.78
Stddev	.76	.32	.81
%RSD	3.005	2.055	1.332

#1	24.90	16.08	60.68
#2	24.50	15.44	61.63
#3	25.96	15.71	60.02

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	2120.9	41658.	4523.9
Stddev	4.0	115.	6.3
%RSD	.18787	.27596	.13996

#1	2124.2	41537.	4530.5
#2	2122.2	41671.	4523.4
#3	2116.5	41766.	4517.8

Sample Name: 460-32275-A-6-Y MS@2 Acquired: 10/16/2011 15:51:23 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10650.	190.4	11.48	282.1	5.130	119500.
Stddev	11.	2.7	.37	.2	.090	338.
%RSD	.1076	1.419	3.251	.0707	1.749	.2826

#1	10670.	187.6	11.75	282.3	5.034	119200.
#2	10650.	192.9	11.64	281.9	5.143	119500.
#3	10650.	190.7	11.06	282.1	5.212	119900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.33	57.60	160.0	322.7	16390.	2550.
Stddev	.03	.29	.5	.2	55.	14.
%RSD	.2705	.4961	.2968	.0527	.3352	.5558

#1	10.33	57.88	159.8	322.6	16450.	2565.
#2	10.31	57.60	159.7	322.7	16360.	2537.
#3	10.36	57.31	160.5	322.9	16360.	2548.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-Y MS@2 Acquired: 10/16/2011 15:51:23 Type: Unk

Method: SW84610142011(v3) 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	6197.	285.1	3108.	949.3	69.49	47.15
Stddev	19.	.3	22.	.5	.34	1.85
%RSD	.3113	.1141	.7132	.0555	.4878	3.928
#1	6218.	285.5	3087.	948.8	69.24	48.14
#2	6181.	285.0	3106.	949.9	69.36	48.30
#3	6193.	284.9	3131.	949.2	69.88	45.02

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	186.3	202.6	67.48	2424.	63.94	75.71
Stddev	3.5	2.4	.55	1.	.40	.26
%RSD	1.866	1.174	.8089	.0438	.6289	.3429
#1	183.2	204.5	68.06	2425.	63.56	75.93
#2	190.1	199.9	66.98	2423.	64.36	75.42
#3	185.7	203.2	67.41	2423.	63.90	75.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32275-A-6-Y MS@2 Acquired: 10/16/2011 15:51:23

Type: Unk

Method: SW84610142011(v3) 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	176.3	130.2	350.8
Stddev	.8	.2	.8
%RSD	.4513	.1354	.2262

#1	175.4	130.0	351.6
#2	176.5	130.4	350.0
#3	176.9	130.2	350.8

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	2056.5	40677.	4505.5
Stddev	2.3	136.	24.4
%RSD	.10983	.33531	.54097

#1	2058.8	40524.	4533.5
#2	2056.2	40785.	4493.2
#3	2054.3	40721.	4489.6

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12010.	1841.	46.47	1986.	48.01	138200.
Stddev	58.	6.	.47	4.	.23	832.
%RSD	.4854	.3249	1.016	.1873	.4787	.6023

#1	11990.	1842.	46.23	1986.	48.24	137600.
#2	11970.	1846.	46.16	1990.	48.02	137700.
#3	12080.	1834.	47.01	1982.	47.78	139100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.48	483.5	343.5	566.4	17120.	19430.
Stddev	.11	1.2	.1	4.4	114.	71.
%RSD	.1974	.2450	.0205	.7712	.6664	.3660

#1	53.38	483.5	343.6	565.2	17000.	19480.
#2	53.59	484.6	343.4	562.8	17130.	19350.
#3	53.49	482.3	343.5	571.2	17230.	19450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk

Method: SW84610142011(v3) 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	24360.	745.7	19820.	1371.	505.2	468.2
Stddev	41.	1.6	38.	8.	2.1	2.6
%RSD	.1687	.2173	.1907	.5838	.4119	.5527

#1	24320.	743.9	19860.	1363.	506.1	471.2
#2	24400.	746.4	19810.	1372.	506.7	466.2
#3	24360.	746.9	19790.	1379.	502.8	467.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	1807.	1996.	502.3	2928.	494.2	499.7
Stddev	6.	10.	2.3	22.	2.0	1.2
%RSD	.3073	.4898	.4558	.7366	.3948	.2356

#1	1808.	1999.	502.4	2906.	493.5	499.7
#2	1812.	2004.	504.5	2929.	496.4	500.8
#3	1801.	1985.	499.9	2949.	492.7	498.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32275-A-6-W@ Acquired: 10/16/2011 15:54:55 Type: Unk
 Method: SW84610142011(v3) 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	597.0	549.3	795.5
Stddev	1.9	2.0	3.2
%RSD	.3112	.3659	.4070

#1	594.9	549.4	792.8
#2	597.4	547.3	794.8
#3	598.5	551.3	799.1

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	2036.5	39555.	4480.2
Stddev	3.8	67.	9.5
%RSD	.18656	.17001	.21247

#1	2038.3	39620.	4490.7
#2	2032.2	39558.	4478.0
#3	2039.1	39486.	4472.0

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2732.	16.25	-.0480	2395.	.3049	10340.
Stddev	12.	.10	.9173	22.	.0848	85.
%RSD	.4554	.6051	1910.	.9211	27.82	.8252
#1	2719.	16.23	.9844	2375.	.2467	10280.
#2	2744.	16.36	-.7692	2390.	.2659	10310.
#3	2734.	16.17	-.3593	2419.	.4022	10440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.24	3.163	29.02	69.68	15600.	267.3
Stddev	.25	.227	.39	2.86	133.	26.6
%RSD	1.112	7.173	1.327	4.112	.8515	9.932
#1	21.99	2.930	28.63	69.80	15480.	273.8
#2	22.26	3.177	29.03	72.48	15570.	238.2
#3	22.48	3.383	29.41	66.75	15740.	290.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk

Method: SW84610142011(v3) 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	4927.	156.6	99.12	27.10	3590.	65.81
Stddev	31.	1.0	11.23	.50	30.	.65
%RSD	.6308	.6189	11.33	1.830	.8430	.9842
#1	4914.	155.8	96.02	26.72	3565.	65.36
#2	4905.	156.3	89.76	26.91	3582.	65.52
#3	4963.	157.7	111.6	27.66	3624.	66.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.878	-.2385	8.505	2611.	3.860	1.146
Stddev	2.648	1.645	.285	24.	.242	.178
%RSD	141.0	689.6	3.348	.9284	6.274	15.56
#1	1.202	.6686	8.571	2589.	3.585	.9458
#2	4.798	-2.137	8.192	2607.	3.954	1.206
#3	-.3669	.7531	8.750	2637.	4.041	1.287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32130-D-9-B@50 Acquired: 10/16/2011 15:58:15 Type: Unk

Method: SW84610142011(v3) 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	89.58	32.85	90.10
Stddev	.53	.18	1.04
%RSD	.5866	.5438	1.157

#1	89.02	32.64	88.91
#2	89.65	32.95	90.52
#3	90.06	32.95	90.86

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	2135.2	42122.	4559.7
Stddev	1.3	39.	14.7
%RSD	.06249	.09256	.32266

#1	2135.4	42080.	4549.0
#2	2136.5	42130.	4553.6
#3	2133.8	42157.	4576.4

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119100.	2353.	1188.	9596.	960.9	122000.
Stddev	553.	11.	3.	6.	1.9	192.
%RSD	.4639	.4504	.2443	.0662	.1983	.1578

#1	118600.	2349.	1186.	9591.	959.9	121900.
#2	119000.	2365.	1186.	9603.	959.8	121800.
#3	119700.	2345.	1191.	9594.	963.1	122200.

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	1197.	2384.	4854.	12000.	97160.	47750.
Stddev	1.	2.	3.	15.	57.	80.
%RSD	.1238	.0715	.0564	.1246	.0588	.1671

#1	1197.	2384.	4851.	11980.	97130.	47720.
#2	1198.	2386.	4855.	11990.	97130.	47690.
#3	1196.	2383.	4856.	12010.	97230.	47840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
Method: SW84610142011(v3) 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	121900.	4943.	118900.	2399.	7195.	947.9
Stddev	22.	6.	455.	2.	12.	2.2
%RSD	.0184	.1141	.3824	.0896	.1669	.2365

#1	121900.	4950.	118500.	2399.	7183.	945.3
#2	121900.	4940.	118700.	2401.	7207.	948.8
#3	121900.	4940.	119400.	2397.	7195.	949.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	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	2350.	2409.	2402.	2393.	951.5	2389.
Stddev	3.	6.	1.	.	2.9	3.
%RSD	.1462	.2312	.0450	.0125	.3009	.1258

#1	2351.	2411.	2401.	2392.	948.5	2385.
#2	2353.	2414.	2402.	2393.	951.9	2391.
#3	2346.	2403.	2403.	2393.	954.2	2390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:01:52 Type: QC
 Method: SW84610142011(v3) 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	952.7	4842.	9556.
Stddev	1.1	14.	44.
%RSD	.1205	.2931	.4621

#1	952.5	4836.	9511.
#2	951.7	4832.	9557.
#3	953.9	4858.	9600.

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	1917.3	38004.	4412.9
Stddev	1.8	41.	14.1
%RSD	.09458	.10684	.31884

#1	1915.4	38026.	4410.2
#2	1919.0	37957.	4428.1
#3	1917.6	38029.	4400.4

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.59	1.656	.0023	.6132	.1341	-.6989
Stddev	8.73	2.449	.5897	.3585	.0967	8.747
%RSD	32.81	147.9	25300.	58.47	72.06	1251.

#1	29.86	4.377	.6810	.9868	.0433	-9.384
#2	33.21	.9635	-.2891	.5809	.2357	-.8224
#3	16.70	-.3721	-.3850	.2719	.1233	8.109

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1393	.2529	.2720	2.816	9.635	-12.56
Stddev	.0659	.1824	.2960	1.699	3.234	41.54
%RSD	47.34	72.12	108.8	60.33	33.56	330.7

#1	.1912	.3337	-.0017	4.526	8.101	-57.12
#2	.1615	.0441	.5862	2.791	13.35	-5.664
#3	.0651	.3809	.2315	1.129	7.454	25.10

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) 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	10.29	.3664	50.64	.4695	1.288	.9378
Stddev	2.27	.1182	11.37	.1470	.620	1.139
%RSD	22.04	32.26	22.45	31.31	48.14	121.4
#1	8.892	.4925	42.30	.5248	.9237	-.0197
#2	9.079	.3486	46.03	.5808	2.005	2.197
#3	12.91	.2581	63.58	.3029	.9370	.6359

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	1.943	-.1832	.0580	-.0127	.8120	1.128
Stddev	2.096	2.299	.1580	.3786	.7634	.414
%RSD	107.9	1255.	272.6	2985.	94.01	36.72
#1	.5448	1.323	.2329	.2307	1.263	1.603
#2	.9312	.9572	.0154	.1802	1.243	.8466
#3	4.353	-2.829	-.0744	-.4489	-.0694	.9334

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:05:11 Type: QC
Method: SW84610142011(v3) 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	.5853	.3552	.5937
Stddev	.2825	.0816	1.256
%RSD	48.27	22.97	211.5

#1	.2945	.3512	2.039
#2	.6025	.4388	-.0274
#3	.8588	.2757	-.2305

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	2120.9	41810.	4482.1
Stddev	5.6	35.	7.8
%RSD	.26280	.08332	.17302

#1	2115.1	41770.	4486.7
#2	2121.4	41833.	4486.5
#3	2126.2	41827.	4473.2

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17030.	4.209	-1.243	16770.	.2282	185200.
Stddev	34.	2.882	.367	29.	.0822	757.
%RSD	.1979	68.48	29.50	.1707	36.01	.4086

#1	17020.	.9773	-1.470	16750.	.2926	184600.
#2	17000.	6.513	-1.440	16760.	.2563	185000.
#3	17060.	5.137	-.8201	16800.	.1356	186100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.972	101.4	F 12450.	6.371	36140.	12.33
Stddev	.054	.1	4.	.612	24.	12.90
%RSD	.9102	.1478	.0344	9.613	.0662	104.6

#1	5.909	101.3	12450.	5.835	36140.	10.47
#2	5.999	101.6	12440.	6.240	36170.	.4594
#3	6.007	101.4	12450.	7.039	36120.	26.05

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			10000.			
Low Limit			-20.00			

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk

Method: SW84610142011(v3) 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	18400.	491.9	298.7	354.5	37.38	2.361
Stddev	20.	.2	6.5	1.0	.93	1.653
%RSD	.1069	.0502	2.189	.2742	2.498	70.00

#1	18410.	491.9	306.2	353.7	36.50	.4530
#2	18380.	491.7	295.7	354.2	38.36	3.343
#3	18420.	492.2	294.2	355.5	37.28	3.287

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.357	3.285	138.1	577.3	-5.966	.3035
Stddev	1.057	.358	.4	.8	.123	.3043
%RSD	31.49	10.91	.2658	.1341	2.065	100.3

#1	-3.297	3.666	138.5	576.5	-6.082	.2344
#2	-2.331	3.232	138.1	577.5	-5.980	.6365
#3	-4.442	2.955	137.8	578.0	-5.836	.0398

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-A-6-G@20 Acquired: 10/16/2011 16:08:57 Type: Unk
 Method: SW84610142011(v3) 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	2.306	121.6	321.8
Stddev	.372	.8	1.5
%RSD	16.15	.6244	.4754

#1	2.729	121.3	322.8
#2	2.028	121.1	320.0
#3	2.159	122.5	322.5

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	1923.7	39733.	4500.4
Stddev	3.1	104.	10.9
%RSD	.16344	.26113	.24162

#1	1926.3	39756.	4487.8
#2	1924.5	39823.	4507.0
#3	1920.2	39619.	4506.2

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1014.	4.388	-.2722	3.843	.1491	539.6
Stddev	9.	2.289	.1303	.548	.0464	5.0
%RSD	.9003	52.18	47.87	14.26	31.15	.9297

#1	1005.	3.361	-.2944	4.435	.1305	533.8
#2	1013.	7.011	-.1323	3.741	.1148	543.0
#3	1023.	2.791	-.3900	3.354	.2020	541.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0690	.1935	13.83	3.849	9155.	45.23
Stddev	.0853	.1621	.61	1.420	20.	21.71
%RSD	123.7	83.77	4.394	36.89	.2139	47.99

#1	.0121	.1239	14.53	2.913	9170.	26.26
#2	-.0610	.0777	13.56	5.484	9163.	40.52
#3	-.1581	.3787	13.41	3.152	9133.	68.91

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk

Method: SW84610142011(v3) 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	227.7	8.401	25.97	.4334	6.650	.0131
Stddev	5.2	.018	11.72	.2624	.679	.8572
%RSD	2.304	.2112	45.14	60.53	10.20	6549.

#1	225.9	8.419	37.28	.6651	6.838	-.9687
#2	223.6	8.400	26.74	.1485	5.898	.6125
#3	233.6	8.383	13.88	.4868	7.215	.3954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9919	-1.549	10.75	4.574	-.3640	1.304
Stddev	1.546	1.994	.06	.137	.3657	.106
%RSD	155.8	128.8	.5970	2.994	100.5	8.113

#1	-1.288	-1.381	10.69	4.584	-.1372	1.182
#2	-2.368	-3.621	10.75	4.706	-.7859	1.361
#3	.6805	.3566	10.82	4.432	-.1690	1.370

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-L DU@4 Acquired: 10/16/2011 16:12:28 Type: Unk
 Method: SW84610142011(v3) 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	1.217	.9857	149.0
Stddev	.205	.0093	.9
%RSD	16.82	.9450	.6143

#1	1.440	.9797	148.5
#2	1.038	.9811	150.1
#3	1.173	.9965	148.5

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	2127.9	42168.	4512.7
Stddev	1.9	234.	8.7
%RSD	.08968	.55530	.19207

#1	2130.1	42009.	4506.5
#2	2126.6	42437.	4508.9
#3	2127.1	42058.	4522.6

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	837.9	3.758	-.6912	2.879	.0895	304.5
Stddev	12.1	1.302	.1602	.020	.0142	21.6
%RSD	1.448	34.64	23.18	.6823	15.82	7.098

#1	841.4	2.308	-.7374	2.901	.0738	279.9
#2	847.9	4.824	-.5130	2.873	.1012	313.4
#3	824.4	4.142	-.8233	2.863	.0936	320.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0102	.2876	11.38	-.7499	7632.	27.51
Stddev	.1051	.1357	.77	3.051	9.	26.57
%RSD	1032.	47.18	6.759	406.9	.1168	96.59

#1	-.1105	.4344	11.29	-2.939	7625.	27.45
#2	.0596	.2614	12.19	-2.046	7630.	54.10
#3	.0814	.1669	10.66	2.736	7642.	.9637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk

Method: SW84610142011(v3) 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	167.9	6.435	42.36	.2573	6.172	-.5037
Stddev	2.4	.038	16.27	.0745	1.087	.0972
%RSD	1.443	.5924	38.42	28.96	17.61	19.30
#1	169.0	6.419	51.62	.1743	7.095	-.5173
#2	169.5	6.407	51.88	.2789	6.448	-.5934
#3	165.1	6.478	23.57	.3185	4.974	-.4003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.610	-.5340	10.25	2.933	-.9935	1.050
Stddev	.635	1.336	.21	.080	.2932	.198
%RSD	24.34	250.2	2.085	2.724	29.51	18.88
#1	-1.895	-1.534	10.47	2.914	-.7276	.9181
#2	-2.823	-1.051	10.24	2.864	-.9451	1.278
#3	-3.111	.9835	10.05	3.021	-1.308	.9533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-K@4 Acquired: 10/16/2011 16:16:09 Type: Unk
 Method: SW84610142011(v3) 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	1.391	.9441	125.6
Stddev	.745	.0762	1.2
%RSD	53.55	8.066	.9759

#1	1.428	1.027	125.5
#2	.6278	.8781	124.4
#3	2.116	.9268	126.9

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	2135.6	42402.	4541.8
Stddev	7.6	124.	12.4
%RSD	.35449	.29232	.27412

#1	2144.3	42261.	4535.7
#2	2132.2	42490.	4556.1
#3	2130.4	42456.	4533.6

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159.4	.6112	.2868	.7129	.1206	64.97
Stddev	14.2	1.573	.5144	.1015	.0241	3.02
%RSD	8.891	257.4	179.4	14.24	19.98	4.653
#1	143.0	.2386	.3090	.8060	.1223	68.34
#2	167.2	2.337	-.2383	.6047	.1438	62.50
#3	168.0	-.7420	.7898	.7281	.0957	64.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0621	-.0562	2.330	-.2343	1533.	114.7
Stddev	.0728	.2666	.433	.9620	10.	15.4
%RSD	117.3	474.1	18.56	410.6	.6790	13.43
#1	.0988	-.3543	2.428	-1.085	1530.	98.53
#2	.1092	.0261	2.705	.8099	1524.	129.2
#3	-.0218	.1595	1.857	-.4282	1544.	116.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk
 Method: SW84610142011(v3) 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	34.80	1.297	36.06	.0488	.8898	1.172
Stddev	1.66	.075	.72	.1462	1.523	.813
%RSD	4.773	5.775	2.007	299.8	171.2	69.38

#1	33.07	1.380	36.69	.2130	-.0055	.2633
#2	34.96	1.236	36.21	.0006	.0264	1.831
#3	36.38	1.273	35.27	-.0673	2.649	1.422

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.193	.3145	2.063	.6365	-.4907	.2449
Stddev	.724	1.081	.212	.0582	.0775	.1395
%RSD	32.99	343.6	10.29	9.149	15.80	56.98

#1	-2.735	1.437	1.899	.6782	-.4286	.3756
#2	-2.472	-.7186	2.303	.5699	-.4659	.2611
#3	-1.371	.2247	1.988	.6613	-.5776	.0980

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32125-D-8-K@2 Acquired: 10/16/2011 16:19:51 Type: Unk
 Method: SW84610142011(v3) 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	.8226	.2745	24.08
Stddev	.6467	.0957	.40
%RSD	78.61	34.86	1.655

#1	.7153	.1825	23.63
#2	1.516	.2676	24.38
#3	.2363	.3735	24.23

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	2131.7	42379.	4531.6
Stddev	9.0	170.	6.8
%RSD	.42235	.40119	.14915

#1	2141.0	42304.	4523.9
#2	2131.0	42573.	4534.1
#3	2123.0	42259.	4536.7

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3100.	872.4	23.05	961.9	23.75	10180.
Stddev	7.	5.2	.61	.6	.10	47.
%RSD	.2237	.5960	2.667	.0584	.4270	.4605
#1	3097.	877.9	22.40	961.9	23.86	10180.
#2	3096.	871.9	23.63	961.3	23.70	10220.
#3	3108.	867.5	23.11	962.5	23.68	10120.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.67	240.0	109.5	123.1	8166.	9381.
Stddev	.03	.2	.5	5.0	14.	43.
%RSD	.1251	.0896	.4673	4.031	.1654	.4630
#1	23.65	239.9	110.1	123.3	8180.	9372.
#2	23.65	239.8	109.0	128.0	8154.	9429.
#3	23.70	240.2	109.4	118.0	8163.	9343.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
 Method: SW84610142011(v3) 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	9638.	261.9	9242.	244.7	252.3	225.8
Stddev	6.	.8	19.	.7	.9	2.2
%RSD	.0625	.3212	.2065	.2945	.3723	.9601
#1	9634.	262.8	9221.	245.5	252.7	228.3
#2	9636.	261.4	9244.	244.5	251.2	224.8
#3	9645.	261.4	9259.	244.1	253.0	224.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	855.1	1000.	245.6	236.4	230.3	234.3
Stddev	3.8	5.	1.0	.5	1.2	.1
%RSD	.4451	.4944	.4007	.2089	.5409	.0640
#1	858.1	1006.	245.3	236.8	230.1	234.4
#2	850.8	997.6	244.8	235.8	229.1	234.4
#3	856.5	997.5	246.7	236.6	231.6	234.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-8-M MS@4 Acquired: 10/16/2011 16:23:33 Type: Unk
 Method: SW84610142011(v3) 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	235.5	238.7	361.5
Stddev	1.5	1.1	1.0
%RSD	.6175	.4419	.2732

#1	235.9	239.7	360.4
#2	233.9	238.8	362.3
#3	236.7	237.6	361.8

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	2098.1	41044.	4497.0
Stddev	5.6	181.	16.1
%RSD	.26655	.44118	.35851

#1	2097.0	40874.	4479.2
#2	2104.2	41024.	4501.2
#3	2093.2	41235.	4510.6

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2753.	1813.	39.22	1929.	48.02	20220.
Stddev	9.	3.	.52	2.	.34	140.
%RSD	.3297	.1636	1.318	.1212	.7006	.6916
#1	2760.	1810.	38.62	1927.	47.98	20160.
#2	2756.	1815.	39.45	1929.	48.38	20380.
#3	2742.	1813.	39.57	1931.	47.71	20110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.29	485.3	209.7	245.5	8492.	18800.
Stddev	.07	.2	.6	2.7	25.	126.
%RSD	.1412	.0446	.2977	1.115	.2974	.6677
#1	48.22	485.4	209.5	243.4	8479.	18750.
#2	48.36	485.4	210.4	248.6	8476.	18940.
#3	48.28	485.0	209.2	244.6	8521.	18700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 V0 10-16-11

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk

Method: SW84610142011(v3) 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	19370.	520.0	18770.	492.8	501.9	458.0
Stddev	39.	3.0	41.	1.2	1.6	1.6
%RSD	.2028	.5800	.2175	.2472	.3279	.3506
#1	19370.	520.0	18740.	492.3	500.4	459.2
#2	19410.	523.1	18820.	491.9	501.5	458.7
#3	19330.	517.1	18750.	494.2	503.7	456.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1776.	2051.	494.6	479.7	470.0	479.5
Stddev	2.	2.	1.3	.6	.8	.3
%RSD	.0916	.1151	.2561	.1311	.1712	.0579
#1	1776.	2048.	494.1	479.0	469.3	479.5
#2	1777.	2053.	493.8	479.8	470.9	479.3
#3	1774.	2051.	496.1	480.2	470.0	479.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 16:26:58 Type: Unk

Method: SW84610142011(v3) 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	478.2	471.8	610.4
Stddev	.8	4.1	2.7
%RSD	.1628	.8650	.4474

#1	478.6	471.2	610.1
#2	478.8	476.2	613.3
#3	477.4	468.1	607.9

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	2078.5	40868.	4502.4
Stddev	3.3	145.	35.9
%RSD	.15736	.35393	.79652

#1	2076.6	40836.	4542.2
#2	2082.3	40743.	4472.6
#3	2076.7	41026.	4492.5

222 WD 10-16-11

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5756.	15.34	-.2098	23.25	.5534	239.8
Stddev	16.	2.56	.7831	.05	.1162	13.9
%RSD	.2709	16.67	373.2	.2318	21.00	5.783

#1	5744.	17.25	.6412	23.24	.5880	236.5
#2	5774.	16.34	-.9002	23.31	.4238	227.9
#3	5750.	12.44	-.3706	23.20	.6484	255.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1131	8.084	9.050	1.151	39390.	473.5
Stddev	.0339	.093	.037	2.250	21.	22.3
%RSD	29.93	1.154	.4141	195.4	.0534	4.704

#1	.0758	8.043	9.060	3.489	39370.	481.6
#2	.1420	8.191	9.008	-.9986	39410.	490.7
#3	.1216	8.018	9.081	.9635	39400.	448.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 v0 1016-11

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) 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	316.8	56.70	103.1	9.151	6.528	.3188
Stddev	2.3	.29	1.7	.050	1.322	.8044
%RSD	.7124	.5049	1.602	.5463	20.25	252.3

#1	315.0	56.42	102.6	9.134	6.552	.0572
#2	319.3	56.70	104.9	9.112	5.194	1.221
#3	316.1	56.99	101.7	9.208	7.837	-.3221

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-2.016	-2.575	71.40	27.32	.4339	1.556
Stddev	1.070	.383	.28	.25	.0780	.502
%RSD	53.06	14.87	.3935	.9014	17.98	32.28

#1	-1.596	-2.382	71.67	27.04	.4433	1.942
#2	-1.220	-2.327	71.11	27.43	.5069	1.737
#3	-3.232	-3.016	71.44	27.49	.3516	.9881

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 10-16-11 VED

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 16:30:20 Type: Unk

Method: SW84610142011(v3) 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	1.298	6.632	256.9
Stddev	.893	.024	1.1
%RSD	68.82	.3676	.4427

#1	.3971	6.625	257.4
#2	2.184	6.612	257.8
#3	1.314	6.659	255.6

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	2165.8	42773.	4621.5
Stddev	2.9	90.	10.4
%RSD	.13569	.21061	.22470

#1	2164.2	42834.	4610.7
#2	2164.0	42815.	4631.4
#3	2169.2	42669.	4622.5

222 VO 10-16-11

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k 13.62	k 1.140	s -1.024	k .0066	k -.3798	k -654.0
Stddev	16.77	.722	.536	.0427	.5148	1161.
%RSD	123.2	63.34	52.38	642.2	135.5	177.5

#1	k 32.78	k .4114	s -1.540	k .0273	k -.9732	k -1994.
#2	1.617	1.154	-.4700	.0351	-.1130	46.23
#3	6.454	1.856	-1.061	-.0424	-.0532	-14.39

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k .0883	k .3022	s -.0181	k -1.393	s 3.073	k -704.1
Stddev	.0077	.0675	.4336	.245	5.661	1274.
%RSD	8.771	22.35	2401.	17.61	184.3	180.9

#1	k .0962	k .3534	s .4820	k -1.116	s 7.963	k -2175.
#2	.0880	.3275	-.2894	-1.584	4.384	71.40
#3	.0808	.2256	-.2469	-1.479	-3.129	-9.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Z22 v D 10-16-11

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) 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	s 2.906	s .0164	k -177.9	k .3387	k -.2808	k .0452
Stddev	.109	.0336	334.3	.0091	.1199	.5545
%RSD	3.748	205.7	187.9	2.679	42.70	1225.

#1	s 3.019	s .0241	k -562.5	k .3491	k -.3835	k -.3781
#2	2.898	-.0205	42.93	.3346	-.3098	-.1590
#3	2.801	.0454	-14.08	.3323	-.1490	.6729

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	k -2.731	k 1.403	s .0423	k -.6674	k -1.045	k .4628
Stddev	.193	.523	.2316	.1658	.577	.1908
%RSD	7.051	37.28	547.7	24.85	55.17	41.23

#1	k -2.711	k 1.525	s .3025	k -.7579	k -.8013	k .5632
#2	-2.932	1.854	-.1413	-.7682	-1.704	.5825
#3	-2.549	.8295	-.0343	-.4760	-.6305	.2428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

ZZZ 10-16-11-0 D

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 16:33:58 Type: Unk

Method: SW84610142011(v3) 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	k -.2284	k -1.233	k -3.588
Stddev	.0828	2.328	8.185
%RSD	36.25	188.8	228.1

#1	k -.1464	k -3.922	k -13.03
#2	-.2269	.1132	.7543
#3	-.3119	.1091	1.511

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	4914.0	^ *****	5634.4
Stddev	1580.2	----	5426.4
%RSD	32.158	----	96.308

#1	4881.0	^ ----	337.18
#2	6510.5	122760.	11181.
#3	3350.5	65314.	5384.8

222 V D 10-16-11

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8035.	2.144	-.5223	89.33	.5153	2394.
Stddev	20.	2.903	.1620	.38	.0296	11.
%RSD	.2531	135.4	31.02	.4260	5.748	.4727

#1	8012.	-.7487	-.5441	89.00	.5117	2407.
#2	8044.	5.058	-.3505	89.24	.4876	2389.
#3	8049.	2.122	-.6722	89.74	.5465	2386.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3750	11.96	85.25	20.86	33400.	1483.
Stddev	.0508	.05	.02	2.70	147.	37.
%RSD	13.54	.4563	.0291	12.96	.4407	2.479

#1	.3807	11.91	85.22	17.98	33340.	1516.
#2	.3217	12.02	85.27	21.26	33290.	1443.
#3	.4228	11.96	85.24	23.34	33570.	1488.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

222 v0 10-16-11

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) 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	2757.	288.3	123.2	32.18	61.36	-.3471
Stddev	11.	.4	5.4	.24	.88	2.658
%RSD	.3838	.1337	4.418	.7396	1.426	765.7

#1	2751.	287.9	117.2	32.41	62.36	-1.349
#2	2750.	288.4	124.8	31.93	60.76	2.666
#3	2769.	288.6	127.7	32.19	60.95	-2.358

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-1.005	-2.418	76.33	152.1	-.9110	1.304
Stddev	3.390	.462	.58	.4	.3326	.148
%RSD	337.4	19.13	.7606	.2954	36.51	11.35

#1	2.382	-1.910	76.61	151.6	-.5293	1.271
#2	-.9973	-2.816	75.66	152.4	-1.066	1.176
#3	-4.399	-2.527	76.71	152.3	-1.138	1.466

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

ZZZ 10.16.11-VD

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 16:37:40 Type: Unk

Method: SW84610142011(v3) 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	5.284	12.09	1070.
Stddev	.302	.11	4.
%RSD	5.715	.9426	.3655

#1	4.935	12.18	1068.
#2	5.453	12.12	1068.
#3	5.463	11.96	1075.

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	2161.0	42384.	4624.2
Stddev	1.5	135.	12.6
%RSD	.07039	.31791	.27153

#1	2161.9	42441.	4610.4
#2	2161.9	42230.	4627.2
#3	2159.2	42481.	4635.0

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2683.	1787.	37.47	1891.	47.03	19860.
Stddev	15.	4.	.29	4.	.04	42.
%RSD	.5739	.2222	.7862	.2338	.0750	.2094
#1	2679.	1783.	37.80	1894.	47.06	19820.
#2	2671.	1791.	37.39	1894.	46.99	19900.
#3	2701.	1788.	37.23	1886.	47.02	19870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.21	474.7	206.3	238.9	8547.	18470.
Stddev	.18	1.3	.6	3.2	71.	85.
%RSD	.3822	.2724	.3007	1.325	.8265	.4604
#1	47.39	475.9	206.9	237.5	8484.	18380.
#2	47.20	474.9	206.1	236.7	8535.	18540.
#3	47.03	473.4	205.7	242.5	8624.	18490.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14 Type: Unk

Method: SW84610142011(v3) 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	19130.	515.6	18290.	482.1	489.8	453.1
Stddev	52.	1.8	69.	.9	1.4	1.9
%RSD	.2697	.3444	.3758	.1806	.2856	.4188
#1	19070.	513.6	18360.	482.9	490.2	452.2
#2	19180.	517.0	18220.	482.0	488.2	455.3
#3	19130.	516.2	18290.	481.2	490.9	451.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1747.	2004.	484.0	470.8	460.5	468.9
Stddev	1.	4.	.9	1.4	.5	.7
%RSD	.0576	.1914	.1816	.3070	.1025	.1464
#1	1746.	2008.	483.5	472.4	460.7	468.9
#2	1748.	2005.	483.5	470.3	460.8	469.6
#3	1747.	2000.	485.0	469.6	459.9	468.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32125-D-8-K@ Acquired: 10/16/2011 16:41:14 Type: Unk
 Method: SW84610142011(v3) 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	467.4	463.4	598.3
Stddev	1.3	1.5	3.3
%RSD	.2844	.3310	.5561

#1	469.0	462.1	597.8
#2	466.6	463.1	595.3
#3	466.8	465.1	601.9

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	2090.6	40672.	4537.8
Stddev	6.2	248.	4.7
%RSD	.29810	.61036	.10395

#1	2084.3	40954.	4542.4
#2	2090.9	40489.	4538.0
#3	2096.7	40571.	4533.0

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118600.	2339.	1189.	9515.	960.3	121600.
Stddev	422.	4.	1.	9.	2.8	428.
%RSD	.3559	.1520	.1179	.0948	.2927	.3523

#1	118500.	2336.	1188.	9509.	959.4	121600.
#2	119100.	2337.	1188.	9525.	963.5	122000.
#3	118300.	2343.	1190.	9510.	958.1	121100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1187.	2362.	4871.	11990.	97240.	47700.
Stddev	2.	3.	7.	36.	201.	271.
%RSD	.1275	.1336	.1461	.3036	.2068	.5672

#1	1185.	2358.	4863.	12000.	97060.	47770.
#2	1188.	2364.	4873.	12030.	97200.	47930.
#3	1186.	2363.	4877.	11950.	97460.	47400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
Method: SW84610142011(v3) 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	122800.	5002.	117800.	2376.	7129.	934.7
Stddev	90.	8.	432.	2.	9.	3.6
%RSD	.0729	.1519	.3665	.0982	.1218	.3858

#1	122700.	5010.	117500.	2374.	7125.	930.9
#2	122800.	4997.	118300.	2379.	7139.	935.1
#3	122900.	4997.	117600.	2376.	7123.	938.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	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	2339.	2372.	2405.	2375.	945.5	2373.
Stddev	3.	1.	4.	3.	1.8	4.
%RSD	.1394	.0588	.1508	.1387	.1871	.1739

#1	2340.	2372.	2402.	2371.	943.7	2369.
#2	2343.	2373.	2404.	2378.	945.4	2376.
#3	2336.	2370.	2409.	2375.	947.3	2375.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 16:44:37 Type: QC
 Method: SW84610142011(v3) 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	943.8	4840.	9501.
Stddev	.8	25.	37.
%RSD	.0856	.5260	.3928

#1	942.9	4851.	9489.
#2	944.5	4859.	9543.
#3	944.0	4811.	9471.

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	1946.4	37911.	4432.1
Stddev	2.8	146.	21.4
%RSD	.14542	.38631	.48254

#1	1947.3	37748.	4444.6
#2	1943.2	37952.	4407.4
#3	1948.7	38032.	4444.4

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.175	1.283	.0562	.6876	.1815	8.960
Stddev	8.674	.809	.4602	.3670	.0239	5.207
%RSD	140.5	63.05	818.4	53.37	13.15	58.12

#1	16.19	.3514	-.1879	1.029	.1543	14.91
#2	1.234	1.691	.5870	.7340	.1990	5.221
#3	1.101	1.807	-.2305	.2997	.1911	6.752

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0582	.2835	.1805	-.3615	8.555	74.49
Stddev	.1183	.3413	.5059	1.028	7.285	39.74
%RSD	203.3	120.4	280.3	284.2	85.15	53.35

#1	.1948	.6137	.6948	-1.260	13.30	35.80
#2	-.0089	-.0679	.1633	-.5831	12.20	72.47
#3	-.0113	.3046	-.3166	.7587	.1671	115.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
Method: SW84610142011(v3) 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	9.244	.3882	34.92	.2623	.3454	.2261
Stddev	.986	.0657	13.83	.2955	.9486	.4144
%RSD	10.67	16.91	39.59	112.6	274.6	183.3

#1	9.931	.4497	19.10	.5973	.8646	.5790
#2	8.114	.3959	44.70	.1513	-.7495	.3296
#3	9.687	.3191	40.95	.0385	.9212	-.2303

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-1.022	.3971	.0479	.0798	.3103	1.139
Stddev	1.079	.8222	.3192	.1204	.5016	.301
%RSD	105.6	207.0	666.2	150.8	161.6	26.44

#1	.1430	.5444	-.0263	.2111	.8872	1.477
#2	-1.222	-.4888	-.2276	-.0254	-.0239	1.042
#3	-1.986	1.136	.3976	.0538	.0677	.8985

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 16:47:56 Type: QC
 Method: SW84610142011(v3) 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	.1201	.3516	.2022
Stddev	.2764	.1393	.4744
%RSD	230.1	39.61	234.6

#1	-.0516	.4239	.7240
#2	.4389	.4399	-.2033
#3	-.0270	.1910	.0861

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	2140.0	41800.	4513.7
Stddev	3.4	123.	2.5
%RSD	.15928	.29354	.05434

#1	2139.4	41926.	4514.7
#2	2143.6	41681.	4515.6
#3	2136.8	41794.	4510.9

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61.74	-.2113	-.2271	.2779	.1351	90.26
Stddev	1.80	.1450	.2406	.1076	.0184	6.22
%RSD	2.914	68.63	106.0	38.73	13.62	6.892

#1	59.99	-.1030	.0482	.3781	.1180	93.97
#2	63.58	-.3760	-.3970	.1642	.1327	83.08
#3	61.64	-.1548	-.3324	.2915	.1546	93.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0754	-.0626	.1271	-1.369	6.812	93.60
Stddev	.0558	.1952	.2307	3.006	6.293	9.20
%RSD	74.06	311.8	181.5	219.6	92.38	9.825

#1	-.0391	.1557	-.1380	-.2804	2.472	103.3
#2	-.1396	-.1231	.2826	-4.768	14.03	92.56
#3	-.0474	-.2205	.2366	.9414	3.935	84.97

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) 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	3.388	.2070	41.52	.5210	.3510	1.063
Stddev	.990	.0523	20.63	.1272	1.418	.981
%RSD	29.21	25.26	49.69	24.41	403.9	92.26
#1	4.511	.2502	53.81	.6667	-.0263	-.0596
#2	2.643	.2218	53.04	.4322	-.8399	1.494
#3	3.011	.1489	17.70	.4641	1.919	1.753

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.138	.4865	-.1233	3.739	3.121	.2306
Stddev	1.630	.7989	.4579	.121	.278	.3015
%RSD	143.2	164.2	371.5	3.246	8.895	130.7
#1	-.4649	.5271	.1739	3.623	3.182	.4351
#2	-2.996	1.264	.1069	3.865	2.818	.3723
#3	.0473	-.3319	-.6506	3.729	3.363	-.1156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89665/1-A@2 Acquired: 10/16/2011 16:51:41 Type: QC

Method: SW84610142011(v3) 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	.9808	.4251	.5889
Stddev	.5985	.1043	.6770
%RSD	61.02	24.54	115.0

#1	.7423	.4580	-.1596
#2	.5384	.5089	.7679
#3	1.662	.3082	1.158

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	2136.8	41940.	4532.5
Stddev	7.6	207.	5.3
%RSD	.35594	.49452	.11766

#1	2132.6	41709.	4536.8
#2	2132.2	42110.	4534.1
#3	2145.6	42002.	4526.5

Sample Name: LCSSRM 460-89665/2-A Acquired: 10/16/2011 16:55:24 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41660.	485.2	144.8	933.1	383.1	51460.
Stddev	210.	3.2	.4	3.3	1.2	252.
%RSD	.5031	.6544	.2882	.3589	.3135	.4889

#1	41730.	481.5	145.1	931.7	382.2	51340.
#2	41420.	486.9	144.3	930.6	382.6	51300.
#3	41820.	487.2	145.0	936.9	384.4	51750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	298.7	470.8	1198.	854.9	91700.	19930.
Stddev	1.2	1.1	2.	5.0	153.	146.
%RSD	.4083	.2330	.1574	.5823	.1673	.7342

#1	298.0	470.0	1196.	855.4	91540.	19870.
#2	298.0	470.3	1199.	849.7	91850.	19820.
#3	300.1	472.0	1198.	859.6	91700.	20100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89665/2-A Acquired: 10/16/2011 16:55:24 Type: QC

Method: SW84610142011(v3) 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	18820.	2971.	4729.	692.4	423.3	905.7
Stddev	37.	1.	18.	2.0	1.9	6.1
%RSD	.1945	.0487	.3869	.2876	.4496	.6738

#1	18850.	2972.	4747.	691.6	421.1	901.2
#2	18840.	2973.	4710.	690.9	424.1	903.3
#3	18780.	2970.	4731.	694.7	424.7	912.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1329.	644.3	576.2	2924.	662.7	259.6
Stddev	2.	2.7	.9	10.	2.2	.9
%RSD	.1301	.4211	.1572	.3267	.3377	.3407

#1	1328.	643.1	575.4	2921.	662.8	258.8
#2	1331.	642.4	577.2	2916.	660.5	259.3
#3	1328.	647.4	576.2	2935.	665.0	260.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89665/2-A

Acquired: 10/16/2011 16:55:24

Type: QC

Method: SW84610142011(v3)

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	518.5	1128.	2086.
Stddev	3.5	6.	11.
%RSD	.6688	.4924	.5349

#1	518.3	1126.	2087.
#2	515.1	1125.	2074.
#3	522.0	1135.	2097.

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	2211.8	42795.	4849.3
Stddev	7.0	114.	36.6
%RSD	.31589	.26697	.75431

#1	2212.9	42684.	4842.7
#2	2218.1	42790.	4888.7
#3	2204.3	42912.	4816.4

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13860.	11.88	.5692	325.9	1.479	90170.
Stddev	37.	1.85	.2426	1.0	.095	266.
%RSD	.2667	15.56	42.62	.3060	6.432	.2944

#1	13830.	11.24	.7973	326.9	1.583	89880.
#2	13860.	10.43	.5961	326.0	1.395	90390.
#3	13900.	13.96	.3143	324.9	1.461	90250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.255	22.53	206.7	693.2	65000.	1711.
Stddev	.083	.31	.2	4.3	117.	7.
%RSD	1.143	1.383	.1185	.6245	.1804	.3919

#1	7.283	22.80	207.0	698.0	64980.	1703.
#2	7.320	22.59	206.7	692.2	64890.	1716.
#3	7.161	22.19	206.5	689.5	65120.	1713.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) 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	53710.	651.3	640.2	75.08	926.9	18.50
Stddev	122.	1.0	1.6	.64	4.1	.59
%RSD	.2270	.1466	.2461	.8556	.4396	3.208

#1	53610.	650.3	640.3	75.43	931.1	19.17
#2	53690.	651.5	638.5	75.46	926.6	18.27
#3	53850.	652.2	641.7	74.34	922.9	18.05

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-.4862	-2.113	95.11	4177.	24.98	15.31
Stddev	.7819	.773	.35	18.	.63	.18
%RSD	160.8	36.61	.3658	.4327	2.540	1.195

#1	-1.351	-2.062	94.80	4192.	25.20	15.28
#2	-.2774	-1.366	95.48	4183.	25.48	15.50
#3	.1700	-2.910	95.04	4157.	24.27	15.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-5-E@4 Acquired: 10/16/2011 16:58:44 Type: Unk

Method: SW84610142011(v3) 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	71.72	87.01	592.8
Stddev	.24	.10	1.4
%RSD	.3323	.1117	.2318

#1	71.50	86.90	594.2
#2	71.97	87.07	591.5
#3	71.69	87.06	592.9

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	2284.8	44271.	5050.2
Stddev	8.4	33.	19.1
%RSD	.36698	.07376	.37849

#1	2279.1	44281.	5070.0
#2	2280.9	44235.	5031.9
#3	2294.4	44298.	5048.7

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8777.	11.29	-.4233	139.0	2.668	42970.
Stddev	14.	1.04	.4839	.4	.042	92.
%RSD	.1644	9.194	114.3	.2524	1.563	.2130

#1	8793.	11.06	.1349	138.6	2.667	42860.
#2	8771.	12.43	-.6802	139.2	2.710	43040.
#3	8766.	10.39	-.7246	139.2	2.627	43000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.591	16.81	73.95	265.0	97620.	987.4
Stddev	.054	.36	.61	2.0	70.	13.9
%RSD	3.378	2.165	.8271	.7570	.0714	1.409

#1	1.568	16.49	74.62	263.9	97540.	974.2
#2	1.653	17.21	73.79	267.3	97630.	986.1
#3	1.553	16.73	73.43	263.8	97680.	1002.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) 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	24500.	887.2	1135.	48.75	413.3	5.520
Stddev	45.	3.6	18.	.71	.6	1.241
%RSD	.1826	.4091	1.543	1.463	.1395	22.49

#1	24530.	891.0	1119.	47.99	412.8	6.899
#2	24450.	883.8	1132.	49.41	413.0	4.490
#3	24520.	886.9	1154.	48.84	413.9	5.172

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.254	-3.166	47.53	3101.	21.31	8.393
Stddev	3.269	1.656	.21	5.	.58	.212
%RSD	145.0	52.31	.4327	.1506	2.742	2.527

#1	-5.333	-5.048	47.38	3096.	21.93	8.600
#2	-2.606	-2.523	47.76	3105.	20.77	8.401
#3	1.176	-1.928	47.44	3103.	21.23	8.177

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-6-E@4 Acquired: 10/16/2011 17:02:15 Type: Unk

Method: SW84610142011(v3) 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	26.79	43.35	403.6
Stddev	1.31	.06	.8
%RSD	4.909	.1444	.1960

#1	27.81	43.41	403.2
#2	27.27	43.35	404.5
#3	25.31	43.29	403.2

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	2171.7	41698.	4707.2
Stddev	2.1	271.	6.7
%RSD	.09517	.64958	.14276

#1	2174.0	41390.	4700.8
#2	2170.2	41897.	4706.6
#3	2170.8	41807.	4714.2

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6560.	4.252	-.2483	65.19	.6855	112800.
Stddev	29.	1.261	.3295	.24	.0824	471.
%RSD	.4390	29.66	132.7	.3609	12.02	.4170

#1	6526.	5.238	-.1510	65.05	.7806	112300.
#2	6575.	2.831	.0216	65.47	.6375	112900.
#3	6577.	4.687	-.6154	65.07	.6384	113300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7151	7.043	28.64	71.19	34040.	1125.
Stddev	.0498	.034	.16	3.65	37.	53.
%RSD	6.970	.4855	.5553	5.130	.1091	4.752

#1	.7415	7.082	28.50	70.72	34080.	1137.
#2	.7462	7.023	28.61	67.79	34010.	1171.
#3	.6576	7.023	28.81	75.05	34040.	1066.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) 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	63610.	469.8	2386.	18.06	133.7	3.378
Stddev	105.	.5	21.	.17	1.7	.332
%RSD	.1647	.1109	.8881	.9485	1.279	9.836

#1	63560.	469.3	2373.	18.22	135.5	3.353
#2	63540.	469.9	2375.	17.88	132.1	3.059
#3	63730.	470.3	2410.	18.08	133.6	3.722

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.267	-2.207	26.35	674.6	7.371	3.676
Stddev	1.582	.363	.29	1.1	.507	.509
%RSD	69.77	16.47	1.086	.1582	6.886	13.85

#1	-4.093	-2.604	26.27	673.4	7.787	4.259
#2	-1.323	-1.892	26.11	675.5	6.805	3.448
#3	-1.385	-2.123	26.67	674.8	7.520	3.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-7-E@4 Acquired: 10/16/2011 17:05:46 Type: Unk

Method: SW84610142011(v3) 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	6.597	70.68	320.1
Stddev	.376	.19	2.6
%RSD	5.692	.2731	.8096

#1	6.688	70.50	318.8
#2	6.185	70.65	318.4
#3	6.920	70.88	323.1

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	2099.9	40475.	4610.1
Stddev	2.8	80.	18.4
%RSD	.13397	.19694	.39995

#1	2096.6	40479.	4624.8
#2	2101.6	40553.	4616.2
#3	2101.3	40394.	4589.4

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10820.	13.69	-.4162	220.5	.8391	13660.
Stddev	55.	1.53	.2687	.1	.0766	91.
%RSD	.5084	11.21	64.55	.0532	9.134	.6673
#1	10760.	12.01	-.1452	220.6	.7535	13560.
#2	10850.	15.02	-.6825	220.4	.8622	13710.
#3	10860.	14.04	-.4209	220.5	.9014	13730.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0618	17.62	40.03	23.65	45250.	1785.
Stddev	.0315	.23	.09	3.01	67.	24.
%RSD	51.00	1.295	.2256	12.71	.1480	1.327
#1	.0703	17.41	40.04	24.80	45210.	1773.
#2	.0269	17.86	40.11	25.92	45330.	1812.
#3	.0882	17.59	39.93	20.24	45210.	1770.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) 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	12090.	963.0	226.1	52.37	14.15	-1.447
Stddev	20.	1.2	13.3	.18	.04	2.156
%RSD	.1649	.1280	5.899	.3446	.3150	149.0
#1	12100.	963.6	229.4	52.58	14.15	-2.444
#2	12110.	963.8	211.4	52.27	14.11	-2.923
#3	12070.	961.6	237.5	52.27	14.20	1.027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.756	-3.761	41.37	75.29	6.473	1.440
Stddev	2.396	1.014	.23	.05	.949	.274
%RSD	354.7	26.96	.5541	.0646	14.67	18.99
#1	-2.762	-4.915	41.49	75.29	7.202	1.345
#2	-1.205	-3.012	41.52	75.34	5.400	1.748
#3	1.941	-3.357	41.11	75.24	6.817	1.227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-D-1-C@4 Acquired: 10/16/2011 17:09:20 Type: Unk

Method: SW84610142011(v3) 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	1.235	30.16	321.4
Stddev	.149	.24	3.6
%RSD	12.07	.7933	1.116

#1	1.378	29.88	317.4
#2	1.081	30.29	322.5
#3	1.247	30.30	324.3

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	2153.1	42014.	4639.8
Stddev	5.0	136.	17.0
%RSD	.23165	.32480	.36732

#1	2154.0	41927.	4658.8
#2	2157.6	41945.	4634.8
#3	2147.8	42172.	4625.9

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10540.	2.945	-.1745	90.28	.7334	36270.
Stddev	28.	1.314	.6578	.10	.0989	86.
%RSD	.2625	44.62	377.0	.1154	13.49	.2358

#1	10520.	2.102	-.1269	90.29	.6679	36250.
#2	10540.	2.274	-.8548	90.17	.8472	36200.
#3	10570.	4.459	.4582	90.38	.6851	36360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0869	12.75	25.95	26.88	30970.	2628.
Stddev	.0388	.17	.36	1.17	56.	41.
%RSD	44.69	1.361	1.404	4.366	.1795	1.556

#1	-.1260	12.57	26.22	26.27	30920.	2639.
#2	-.0863	12.76	26.10	28.24	30980.	2582.
#3	-.0483	12.92	25.54	26.15	31030.	2662.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk

Method: SW84610142011(v3) 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	15750.	854.2	4234.	39.48	12.67	-1.158
Stddev	52.	3.7	17.	.44	.59	.347
%RSD	.3315	.4363	.3896	1.126	4.628	29.97

#1	15700.	850.5	4215.	39.05	13.19	-1.545
#2	15740.	854.0	4245.	39.93	12.03	-.8744
#3	15800.	858.0	4241.	39.46	12.78	-1.055

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9420	-3.497	39.14	61.07	8.795	.0092
Stddev	1.936	1.809	.73	.13	.672	.1468
%RSD	205.5	51.72	1.878	.2195	7.636	1591.

#1	-2.471	-2.034	39.81	61.04	9.159	-.1299
#2	1.235	-5.520	38.35	61.22	9.206	-.0051
#3	-1.590	-2.938	39.25	60.96	8.020	.1626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32306-C-2-C@4 Acquired: 10/16/2011 17:12:53 Type: Unk
 Method: SW84610142011(v3) 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	1.183	59.52	533.9
Stddev	.789	.27	1.8
%RSD	66.69	.4538	.3390

#1	1.634	59.44	533.0
#2	1.643	59.29	532.8
#3	.2720	59.82	536.0

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	2152.9	41572.	4630.0
Stddev	9.4	116.	3.2
%RSD	.43567	.27823	.06964

#1	2145.8	41686.	4633.7
#2	2149.3	41576.	4627.5
#3	2163.5	41455.	4628.9

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31690.	13.26	-1.012	240.2	1.711	86690.
Stddev	106.	1.62	.319	1.2	.031	118.
%RSD	.3359	12.21	31.53	.4969	1.807	.1361
#1	31760.	11.39	-.6714	240.9	1.738	86730.
#2	31740.	14.16	-1.059	238.8	1.677	86790.
#3	31560.	14.23	-1.304	241.0	1.718	86560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0651	26.51	99.20	59.55	91830.	4784.
Stddev	.1107	.05	.30	2.28	166.	9.
%RSD	170.1	.1704	.3029	3.835	.1804	.1850
#1	-.0088	26.45	98.92	60.30	91690.	4785.
#2	-.1925	26.52	99.51	61.37	92020.	4792.
#3	.0062	26.54	99.16	56.99	91800.	4774.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) 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	7873.	1101.	1281.	43.73	237.8	-2.185
Stddev	17.	1.	2.	.16	2.9	1.446
%RSD	.2196	.0780	.1399	.3751	1.200	66.17
#1	7871.	1102.	1281.	43.89	235.6	-2.363
#2	7892.	1102.	1279.	43.56	236.7	-3.534
#3	7858.	1100.	1283.	43.73	241.0	-.6586

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.850	-6.123	120.8	304.5	2.116	1.858
Stddev	2.330	1.936	.2	1.3	.292	.221
%RSD	126.0	31.62	.1356	.4106	13.82	11.91
#1	-1.820	-7.010	120.9	303.0	2.330	1.849
#2	-4.195	-7.457	120.8	305.3	1.783	1.641
#3	.4657	-3.903	120.6	305.0	2.236	2.084

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32177-A-3-B@4 Acquired: 10/16/2011 17:16:29 Type: Unk

Method: SW84610142011(v3) 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	11.51	89.12	2100.
Stddev	.82	.21	6.
%RSD	7.100	.2371	.2960

#1	12.40	89.32	2104.
#2	11.36	89.14	2103.
#3	10.78	88.89	2093.

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	2196.4	42056.	4790.5
Stddev	4.1	109.	26.9
%RSD	.18472	.25908	.56237

#1	2200.8	41939.	4779.6
#2	2192.8	42077.	4770.7
#3	2195.7	42154.	4821.2

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30420.	25.13	-1.097	311.4	1.256	25520.
Stddev	110.	2.24	.791	.5	.082	103.
%RSD	.3613	8.904	72.07	.1613	6.490	.4025

#1	30350.	25.93	-.2739	310.8	1.162	25470.
#2	30360.	22.60	-1.851	311.7	1.296	25460.
#3	30540.	26.85	-1.167	311.6	1.309	25640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8310	24.97	137.4	237.3	68510.	2436.
Stddev	.1308	.23	.2	2.1	68.	3.
%RSD	15.75	.9308	.1408	.8978	.0993	.1035

#1	.7816	24.97	137.3	234.9	68590.	2438.
#2	.9794	24.75	137.3	239.0	68460.	2433.
#3	.7321	25.21	137.7	238.0	68490.	2436.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) 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	7327.	783.1	311.9	38.17	353.2	83.71
Stddev	19.	3.9	1.3	.12	1.4	2.29
%RSD	.2642	.4923	.4227	.3071	.4089	2.735

#1	7332.	779.8	313.1	38.06	353.7	82.11
#2	7305.	782.1	310.5	38.16	354.4	82.69
#3	7342.	787.3	312.2	38.29	351.6	86.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2938	-3.922	122.4	741.3	2.075	1.373
Stddev	.7444	1.817	.2	1.9	.289	.265
%RSD	253.4	46.33	.1431	.2629	13.91	19.30

#1	.5141	-3.293	122.6	742.8	2.401	1.613
#2	-.4436	-2.503	122.3	742.0	1.971	1.089
#3	-.9520	-5.970	122.4	739.1	1.852	1.418

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-1-E@4 Acquired: 10/16/2011 17:19:59 Type: Unk

Method: SW84610142011(v3) 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	32.29	120.6	1072.
Stddev	.43	.5	1.
%RSD	1.344	.4464	.1356

#1	32.04	120.1	1072.
#2	32.04	120.5	1071.
#3	32.79	121.2	1074.

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	2175.1	41907.	4688.6
Stddev	2.5	183.	26.5
%RSD	.11599	.43721	.56540

#1	2174.4	41949.	4695.2
#2	2172.9	42065.	4711.2
#3	2177.8	41706.	4659.4

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43630.	13.65	-.6648	202.2	1.677	7695.
Stddev	118.	2.34	.2536	.2	.111	35.
%RSD	.2713	17.15	38.14	.0899	6.615	.4530
#1	43760.	11.19	-.6142	202.0	1.606	7679.
#2	43540.	15.85	-.9399	202.1	1.805	7671.
#3	43580.	13.91	-.4404	202.4	1.620	7735.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0280	23.20	72.99	62.74	69740.	2181.
Stddev	.0390	.07	.72	.61	76.	20.
%RSD	139.3	.3046	.9811	.9762	.1084	.8964
#1	-.0176	23.24	72.44	62.52	69810.	2181.
#2	-.0712	23.12	72.74	62.27	69740.	2161.
#3	.0047	23.24	73.80	63.43	69660.	2200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk

Method: SW84610142011(v3) 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	7319.	795.6	351.0	32.36	123.1	14.90
Stddev	5.	1.9	7.8	.32	1.3	1.25
%RSD	.0681	.2394	2.227	.9747	1.020	8.380

#1	7313.	793.7	359.8	32.30	124.6	13.47
#2	7323.	795.6	345.0	32.09	122.4	15.52
#3	7320.	797.5	348.2	32.71	122.4	15.72

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8660	-4.826	127.4	254.7	.3492	1.150
Stddev	1.741	1.193	.8	.3	.6026	.029
%RSD	201.1	24.72	.6138	.1327	172.6	2.481

#1	-.9033	-5.042	128.1	254.9	.5614	1.124
#2	.9238	-5.897	127.6	254.9	.8171	1.147
#3	2.578	-3.540	126.6	254.4	-.3308	1.180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-I DU@ Acquired: 10/16/2011 17:23:31 Type: Unk
 Method: SW84610142011(v3) 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	16.61	27.92	1125.
Stddev	.80	.10	3.
%RSD	4.821	.3500	.2590

#1	17.48	28.00	1127.
#2	15.91	27.81	1125.
#3	16.44	27.96	1122.

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	2214.8	42493.	4753.3
Stddev	1.1	31.	24.9
%RSD	.05035	.07248	.52412

#1	2216.1	42517.	4756.6
#2	2213.9	42504.	4776.4
#3	2214.5	42459.	4726.9

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118500.	2325.	1194.	9474.	955.5	120600.
Stddev	174.	8.	1.	10.	.4	195.
%RSD	.1464	.3503	.0855	.1089	.0387	.1613

#1	118400.	2328.	1195.	9464.	955.5	120800.
#2	118300.	2316.	1193.	9474.	955.1	120400.
#3	118700.	2331.	1193.	9485.	955.9	120700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1180.	2350.	4877.	11940.	97460.	47340.
Stddev	1.	4.	6.	10.	217.	68.
%RSD	.1142	.1609	.1243	.0869	.2222	.1439

#1	1178.	2346.	4875.	11940.	97400.	47410.
#2	1180.	2350.	4884.	11930.	97700.	47270.
#3	1181.	2354.	4873.	11950.	97280.	47340.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
Method: SW84610142011(v3) 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	123100.	5009.	117600.	2361.	7093.	930.6
Stddev	205.	8.	249.	4.	8.	2.3
%RSD	.1665	.1619	.2116	.1670	.1090	.2488

#1	123000.	5008.	117500.	2357.	7088.	929.8
#2	123300.	5018.	117400.	2361.	7090.	928.8
#3	122900.	5002.	117900.	2365.	7102.	933.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2327.	2353.	2413.	2362.	940.8	2367.
Stddev	7.	5.	5.	2.	2.8	4.
%RSD	.3120	.2044	.1976	.0813	.3021	.1598

#1	2319.	2351.	2410.	2362.	940.1	2364.
#2	2332.	2350.	2418.	2361.	938.3	2366.
#3	2330.	2359.	2410.	2365.	943.9	2372.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 17:27:05 Type: QC
 Method: SW84610142011(v3) 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	937.7	4811.	9472.
Stddev	.7	6.	19.
%RSD	.0748	.1313	.2010

#1	937.1	4815.	9469.
#2	938.5	4804.	9455.
#3	937.6	4814.	9492.

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	1958.3	37836.	4474.9
Stddev	1.8	158.	8.7
%RSD	.09408	.41862	.19515

#1	1957.0	37726.	4465.0
#2	1957.4	37765.	4481.4
#3	1960.4	38018.	4478.3

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.67	1.292	-.4897	.4275	.0094	6.857
Stddev	9.40	.544	.7697	.1959	.0406	8.603
%RSD	80.53	42.09	157.2	45.83	433.2	125.5

#1	21.93	1.077	-.6502	.6477	-.0200	13.91
#2	3.482	1.910	.3476	.3624	-.0075	-2.728
#3	9.599	.8890	-1.166	.2725	.0557	9.392

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0764	.1109	.1188	.4346	17.47	-27.38
Stddev	.0264	.0938	.3297	3.322	6.22	49.34
%RSD	34.59	84.63	277.4	764.3	35.59	180.2

#1	.0515	.1951	.1854	-2.940	23.32	23.40
#2	.1041	.0097	.4102	3.701	10.94	-30.41
#3	.0737	.1279	-.2391	.5433	18.14	-75.14

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
Method: SW84610142011(v3) 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	5.726	.2293	46.99	.4178	1.113	.3323
Stddev	2.109	.0959	13.96	.3022	.215	.8767
%RSD	36.84	41.83	29.70	72.33	19.33	263.8
#1	5.162	.2039	62.30	.1282	.8735	-.6788
#2	8.060	.3353	43.70	.3941	1.290	.8793
#3	3.956	.1486	34.97	.7311	1.176	.7966

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2850	-.5523	-.5364	-.1378	.3744	.9348
Stddev	1.343	.3992	.2909	.2471	.1974	.6263
%RSD	471.3	72.28	54.23	179.3	52.71	67.00
#1	-.9171	-.2867	-.7161	.1224	.5021	1.641
#2	1.735	-1.011	-.6924	-.1667	.4740	.7169
#3	.0374	-.3587	-.2008	-.3692	.1471	.4465

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 17:30:24 Type: QC
 Method: SW84610142011(v3) 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	.3380	.1261	.4025
Stddev	1.180	.0435	.8396
%RSD	349.0	34.48	208.6

#1	1.299	.1267	1.016
#2	-.9784	.1693	-.5543
#3	.6932	.0823	.7457

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	2138.2	41808.	4568.7
Stddev	11.0	95.	32.3
%RSD	.51436	.22731	.70592

#1	2149.6	41886.	4597.7
#2	2137.2	41702.	4574.5
#3	2127.7	41836.	4534.0

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43400.	15.33	-.6817	199.5	2.418	9626.
Stddev	43.	1.80	.7494	.6	.053	14.
%RSD	.1000	11.74	109.9	.3069	2.188	.1474

#1	43380.	15.86	-.4067	199.5	2.416	9618.
#2	43380.	13.33	-1.530	200.2	2.366	9642.
#3	43450.	16.81	-.1086	198.9	2.471	9617.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0094	28.70	126.2	63.15	86610.	1988.
Stddev	.0419	.27	.1	.68	187.	13.
%RSD	447.3	.9566	.0595	1.077	.2158	.6531

#1	.0481	28.70	126.3	62.36	86710.	1974.
#2	.0152	28.97	126.2	63.59	86720.	1990.
#3	-.0351	28.42	126.1	63.49	86390.	2000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk

Method: SW84610142011(v3) 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	6759.	1025.	358.0	35.99	122.1	9.770
Stddev	10.	1.	18.7	.38	2.0	1.672
%RSD	.1419	.1297	5.227	1.055	1.662	17.12

#1	6756.	1026.	377.7	36.12	120.1	8.807
#2	6770.	1024.	355.7	35.56	122.2	11.70
#3	6752.	1024.	340.5	36.28	124.2	8.802

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.927	-5.579	134.2	172.4	.3484	1.559
Stddev	1.811	.747	.7	.6	.1595	.101
%RSD	93.97	13.38	.5325	.3232	45.78	6.481

#1	-2.301	-4.893	134.9	172.8	.4733	1.589
#2	-3.521	-6.374	134.2	172.6	.1687	1.643
#3	.0417	-5.470	133.5	171.8	.4032	1.447

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-H@4 Acquired: 10/16/2011 17:34:08 Type: Unk

Method: SW84610142011(v3) 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	11.00	31.62	1075.
Stddev	.26	.04	2.
%RSD	2.344	.1152	.2238

#1	11.01	31.65	1075.
#2	10.73	31.58	1076.
#3	11.25	31.63	1072.

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	2207.5	42431.	4744.0
Stddev	8.4	215.	18.4
%RSD	.38070	.50733	.38707

#1	2206.2	42183.	4758.6
#2	2199.8	42572.	4749.9
#3	2216.4	42538.	4723.4

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8967.	1.187	-.9403	41.08	.5935	1967.
Stddev	8.	1.776	.4174	.09	.0069	15.
%RSD	.0908	149.6	44.38	.2129	1.159	.7842

#1	8958.	2.469	-1.079	41.17	.5861	1960.
#2	8970.	1.932	-1.271	41.00	.5946	1956.
#3	8974.	-.8396	-.4714	41.06	.5997	1984.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1071	6.161	25.59	12.98	17890.	407.8
Stddev	.0544	.047	.27	4.23	43.	30.2
%RSD	50.77	.7655	1.070	32.55	.2396	7.399

#1	.0815	6.123	25.90	16.37	17910.	437.1
#2	.1695	6.145	25.38	14.32	17910.	376.8
#3	.0702	6.214	25.49	8.247	17840.	409.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk
 Method: SW84610142011(v3) 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	1433.	213.1	89.67	7.606	26.41	1.898
Stddev	4.	.4	7.94	.242	.88	1.000
%RSD	.2623	.1837	8.856	3.186	3.347	52.70
#1	1433.	213.4	87.27	7.357	26.33	1.146
#2	1436.	213.2	98.54	7.622	25.56	1.515
#3	1429.	212.7	83.21	7.840	27.32	3.033

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.353	-2.039	27.04	36.30	-.5774	.3760
Stddev	2.927	.888	.17	.08	.7230	.1526
%RSD	124.4	43.56	.6113	.2192	125.2	40.59
#1	.0586	-1.187	26.87	36.35	.2551	.2325
#2	-1.507	-1.970	27.06	36.21	-1.048	.5364
#3	-5.610	-2.959	27.20	36.35	-.9394	.3591

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32224-A-47-H@ Acquired: 10/16/2011 17:37:39 Type: Unk
 Method: SW84610142011(v3) 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	2.410	6.502	217.6
Stddev	1.008	.084	.9
%RSD	41.83	1.292	.3995

#1	1.417	6.452	217.8
#2	3.432	6.599	216.7
#3	2.379	6.454	218.4

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	2206.3	42161.	4636.9
Stddev	1.2	24.	6.7
%RSD	.05325	.05647	.14342

#1	2205.6	42134.	4629.3
#2	2207.7	42170.	4639.3
#3	2205.6	42178.	4641.9

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69260.	824.7	20.61	1103.	24.67	15800.
Stddev	165.	1.4	.91	2.	.13	98.
%RSD	.2388	.1732	4.439	.1762	.5223	.6186

#1	69070.	824.3	21.66	1101.	24.61	15740.
#2	69320.	823.5	20.12	1105.	24.82	15750.
#3	69390.	826.2	20.04	1103.	24.58	15910.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.70	244.4	199.8	175.6	80540.	12120.
Stddev	.14	.9	.4	1.0	204.	51.
%RSD	.6544	.3532	.2035	.5782	.2526	.4195

#1	21.54	243.4	200.1	176.7	80310.	12140.
#2	21.80	244.9	199.3	174.8	80600.	12060.
#3	21.76	244.8	199.9	175.3	80700.	12150.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk

Method: SW84610142011(v3) 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	17990.	1018.	8973.	271.7	311.6	211.4
Stddev	34.	5.	67.	.6	1.3	.7
%RSD	.1899	.4703	.7521	.2131	.4127	.3157

#1	17970.	1020.	8896.	271.1	310.1	210.7
#2	17970.	1012.	9000.	272.3	312.5	211.7
#3	18030.	1021.	9022.	271.8	312.2	211.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	803.7	909.7	376.8	400.4	194.6	216.0
Stddev	4.9	2.1	2.0	1.3	.5	.6
%RSD	.6120	.2352	.5344	.3219	.2568	.2682

#1	798.0	907.5	374.8	399.1	194.6	215.4
#2	806.6	909.9	377.0	401.7	195.2	216.1
#3	806.5	911.7	378.8	400.3	194.2	216.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-47-J MS@ Acquired: 10/16/2011 17:41:18 Type: Unk
 Method: SW84610142011(v3) 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	229.3	247.1	1963.
Stddev	1.1	1.0	10.
%RSD	.4884	.3990	.4998

#1	229.4	247.1	1952.
#2	230.4	246.1	1966.
#3	228.2	248.1	1971.

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	2195.9	42169.	4747.5
Stddev	5.4	206.	21.5
%RSD	.24411	.48816	.45356

#1	2195.8	42002.	4752.2
#2	2190.6	42399.	4766.3
#3	2201.3	42105.	4724.0

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45530.	1743.	36.05	2029.	48.58	28840.
Stddev	120.	2.	.49	5.	.18	28.
%RSD	.2629	.0865	1.366	.2551	.3734	.0958
#1	45390.	1743.	35.74	2023.	48.77	28820.
#2	45570.	1745.	35.80	2029.	48.57	28870.
#3	45620.	1742.	36.62	2034.	48.41	28820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.71	486.7	316.7	297.0	87760.	20150.
Stddev	.10	1.1	1.0	3.0	92.	48.
%RSD	.2180	.2299	.3092	.9980	.1050	.2390
#1	45.60	485.4	316.7	298.4	87700.	20190.
#2	45.78	487.2	315.7	299.0	87700.	20150.
#3	45.76	487.4	317.6	293.6	87860.	20100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk
Method: SW84610142011(v3) 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	25260.	1515.	18160.	503.1	586.7	445.3
Stddev	33.	.	71.	1.8	2.7	1.5
%RSD	.1313	.0314	.3895	.3542	.4572	.3474
#1	25260.	1515.	18080.	501.0	583.9	443.8
#2	25230.	1516.	18170.	504.2	587.0	445.4
#3	25290.	1516.	18230.	504.0	589.3	446.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1706.	1897.	594.7	626.4	447.3	452.4
Stddev	3.	8.	.8	2.4	2.4	2.4
%RSD	.1546	.4188	.1418	.3787	.5264	.5399
#1	1705.	1888.	594.1	623.7	444.6	449.6
#2	1710.	1901.	595.6	627.7	448.4	454.0
#3	1705.	1902.	594.3	627.9	449.0	453.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32224-A-47-H Acquired: 10/16/2011 17:44:44 Type: Unk

Method: SW84610142011(v3) 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	459.2	489.3	1554.
Stddev	1.2	.9	5.
%RSD	.2702	.1761	.2949

#1	458.9	489.7	1549.
#2	458.2	489.9	1558.
#3	460.6	488.3	1556.

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	2172.9	41977.	4708.1
Stddev	10.3	116.	9.2
%RSD	.47333	.27709	.19620

#1	2184.8	42033.	4716.8
#2	2166.7	42054.	4698.4
#3	2167.3	41843.	4709.1

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37290.	46.00	-.4539	951.0	1.722	49140.
Stddev	35.	2.22	.3548	2.2	.063	91.
%RSD	.0938	4.827	78.16	.2335	3.661	.1849

#1	37270.	47.36	-.3996	951.7	1.781	49050.
#2	37330.	47.19	-.1294	952.8	1.656	49140.
#3	37260.	43.43	-.8327	948.5	1.730	49230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.693	32.34	316.6	393.0	93260.	3040.
Stddev	.116	.26	.8	2.1	114.	31.
%RSD	6.875	.8175	.2619	.5415	.1220	1.033

#1	1.806	32.16	317.6	392.9	93310.	3076.
#2	1.700	32.65	316.3	390.9	93130.	3018.
#3	1.573	32.22	316.1	395.1	93340.	3025.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk

Method: SW84610142011(v3) 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	8859.	997.7	363.1	52.03	538.9	106.8
Stddev	9.	1.6	12.1	.26	1.3	.3
%RSD	.1038	.1588	3.342	.5007	.2345	.3011
#1	8852.	996.7	377.0	52.30	538.8	106.5
#2	8870.	999.5	354.8	51.78	540.3	106.8
#3	8856.	996.8	357.6	52.01	537.8	107.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.798	-4.859	163.6	1572.	5.745	2.324
Stddev	1.584	2.953	.6	2.	.367	.086
%RSD	88.08	60.77	.3626	.1179	6.394	3.715
#1	-6.728	-3.484	163.0	1573.	5.930	2.224
#2	-3.609	-8.249	163.5	1572.	5.322	2.370
#3	-1.112	-2.844	164.2	1570.	5.983	2.377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-5-C@4 Acquired: 10/16/2011 17:48:05 Type: Unk
 Method: SW84610142011(v3) 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	52.49	173.0	1232.
Stddev	.75	.4	1.
%RSD	1.435	.2187	.0603

#1	52.77	172.7	1232.
#2	51.63	172.8	1232.
#3	53.06	173.4	1233.

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	2156.7	41701.	4674.5
Stddev	1.7	206.	12.2
%RSD	.07991	.49298	.26168

#1	2155.4	41702.	4688.4
#2	2158.6	41494.	4665.4
#3	2156.0	41905.	4669.8

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43730.	14.52	-.8804	227.8	1.349	8684.
Stddev	123.	.75	.4375	.4	.118	27.
%RSD	.2807	5.191	49.70	.1927	8.772	.3148

#1	43800.	14.19	-.9140	227.3	1.414	8657.
#2	43800.	13.99	-.4270	228.0	1.422	8712.
#3	43590.	15.38	-1.300	228.1	1.213	8684.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0593	27.53	77.04	65.85	74450.	3939.
Stddev	.0906	.23	.52	1.15	225.	51.
%RSD	152.7	.8225	.6762	1.747	.3015	1.291

#1	.0405	27.68	77.12	67.16	74360.	3907.
#2	-.1364	27.27	77.52	65.37	74710.	3998.
#3	-.0821	27.65	76.49	65.02	74290.	3913.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk

Method: SW84610142011(v3) 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	7057.	1039.	117.8	36.13	102.8	36.50
Stddev	10.	1.	6.8	.17	.3	1.16
%RSD	.1430	.1303	5.797	.4813	.2799	3.163
#1	7046.	1038.	113.2	36.01	102.9	36.43
#2	7066.	1041.	125.6	36.33	102.5	35.38
#3	7058.	1038.	114.6	36.05	103.1	37.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-.6636	-4.440	147.2	200.8	3.902	1.023
Stddev	2.186	.360	.1	.6	.594	.216
%RSD	329.5	8.106	.0994	.2782	15.23	21.11
#1	-2.520	-4.755	147.4	200.2	3.724	1.243
#2	-1.217	-4.517	147.1	200.8	4.564	1.015
#3	1.746	-4.048	147.2	201.3	3.417	.8111

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-B-10-B@4 Acquired: 10/16/2011 17:51:36 Type: Unk
 Method: SW84610142011(v3) 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	9.134	29.78	1383.
Stddev	.210	.11	4.
%RSD	2.296	.3790	.2975

#1	9.190	29.71	1379.
#2	9.309	29.91	1387.
#3	8.901	29.73	1382.

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	2172.6	42031.	4646.6
Stddev	6.2	201.	26.1
%RSD	.28620	.47769	.56063

#1	2179.8	41849.	4638.5
#2	2169.4	41998.	4625.5
#3	2168.7	42246.	4675.7

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42210.	23.35	-1.433	373.5	1.879	18790.
Stddev	75.	.42	.857	1.0	.042	43.
%RSD	.1778	1.779	59.80	.2729	2.249	.2307

#1	42200.	22.94	-2.384	373.1	1.852	18750.
#2	42130.	23.77	-1.193	374.6	1.857	18830.
#3	42280.	23.36	-.7220	372.7	1.927	18790.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7382	17.46	75.50	49.13	65660.	2029.
Stddev	.0090	.03	.64	1.96	88.	45.
%RSD	1.225	.1695	.8504	3.995	.1343	2.196

#1	.7420	17.46	76.14	50.88	65690.	1979.
#2	.7448	17.48	74.86	47.01	65730.	2045.
#3	.7279	17.43	75.51	49.49	65560.	2064.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk

Method: SW84610142011(v3) 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	6983.	671.7	443.9	29.86	168.9	19.14
Stddev	12.	1.4	11.9	.27	1.0	2.49
%RSD	.1700	.2132	2.672	.8946	.5917	13.02

#1	6989.	671.9	430.6	29.55	168.1	20.58
#2	6990.	673.0	453.5	30.04	170.0	20.57
#3	6969.	670.2	447.7	29.98	168.6	16.26

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.852	-2.931	106.2	241.3	1.886	1.423
Stddev	2.629	.113	.2	.5	.239	.027
%RSD	142.0	3.848	.1937	.2092	12.67	1.886

#1	.6807	-2.966	106.1	241.0	1.781	1.393
#2	-1.668	-2.805	106.5	241.9	2.160	1.431
#3	-4.568	-3.023	106.2	241.0	1.718	1.445

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32224-A-20-C@4 Acquired: 10/16/2011 17:55:08 Type: Unk
 Method: SW84610142011(v3) 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	16.71	87.69	933.3
Stddev	.31	.17	1.8
%RSD	1.835	.1959	.1884

#1	16.96	87.77	933.2
#2	16.37	87.49	931.7
#3	16.80	87.80	935.2

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	2204.4	42628.	4765.8
Stddev	5.0	112.	11.9
%RSD	.22505	.26257	.24981

#1	2205.9	42500.	4768.7
#2	2198.9	42710.	4752.7
#3	2208.5	42673.	4775.9

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34870.	12.98	-1.296	1459.	3.080	17620.
Stddev	189.	2.48	.130	2.	.024	15.
%RSD	.5416	19.09	10.03	.1521	.7695	.0846

#1	34650.	15.74	-1.219	1457.	3.101	17610.
#2	34990.	12.25	-1.223	1460.	3.085	17630.
#3	34960.	10.94	-1.446	1461.	3.054	17630.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0525	37.34	91.99	96.20	90810.	6054.
Stddev	.1204	.16	.51	.93	252.	35.
%RSD	229.3	.4235	.5562	.9681	.2780	.5717

#1	-.1322	37.51	91.73	95.88	90540.	6093.
#2	.0860	37.21	92.58	97.25	90850.	6027.
#3	-.1112	37.29	91.66	95.48	91030.	6042.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) 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	23130.	2467.	639.3	87.41	59.84	2.324
Stddev	57.	9.	6.9	.23	.72	1.158
%RSD	.2474	.3559	1.075	.2597	1.195	49.83

#1	23080.	2467.	631.4	87.18	60.26	3.627
#2	23120.	2458.	643.8	87.63	59.02	1.936
#3	23190.	2476.	642.8	87.42	60.25	1.410

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.254	-9.296	114.3	189.1	25.09	.2586
Stddev	2.937	.367	.3	.3	.43	.2218
%RSD	55.91	3.951	.2778	.1617	1.708	85.77

#1	-1.926	-9.019	114.1	188.7	24.61	.1125
#2	-7.486	-9.157	114.3	189.3	25.23	.1495
#3	-6.349	-9.713	114.7	189.2	25.44	.5138

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32374-A-1-F@4 Acquired: 10/16/2011 17:58:39 Type: Unk

Method: SW84610142011(v3) 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	5.786	93.29	1462.
Stddev	1.362	.38	6.
%RSD	23.54	.4048	.4358

#1	4.502	93.12	1455.
#2	7.214	93.72	1467.
#3	5.641	93.03	1463.

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	2228.5	43381.	4850.6
Stddev	5.8	54.	12.5
%RSD	.25849	.12417	.25819

#1	2232.1	43334.	4838.7
#2	2221.9	43440.	4849.5
#3	2231.6	43369.	4863.6

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16870.	33.05	-1.036	66.85	1.197	10520.
Stddev	15.	.42	.537	.15	.068	33.
%RSD	.0877	1.257	51.84	.2210	5.717	.3132

#1	16880.	32.57	-1.263	66.76	1.264	10490.
#2	16850.	33.24	-.4229	67.02	1.127	10510.
#3	16870.	33.33	-1.423	66.77	1.199	10550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0917	6.705	71.21	34.42	54670.	4028.
Stddev	.1325	.217	.21	2.99	86.	17.
%RSD	144.5	3.235	.3011	8.684	.1570	.4192

#1	-.0556	6.582	71.22	31.14	54590.	4017.
#2	.2012	6.578	71.42	35.16	54650.	4048.
#3	.1297	6.956	70.99	36.98	54760.	4020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk

Method: SW84610142011(v3) 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	5504.	230.8	912.1	13.84	69.94	-.3430
Stddev	24.	1.0	3.9	.46	1.46	1.285
%RSD	.4362	.4314	.4247	3.309	2.083	374.8

#1	5480.	229.7	907.6	13.31	68.60	-1.078
#2	5505.	231.0	914.6	14.12	71.49	-1.092
#3	5528.	231.7	914.0	14.09	69.71	1.141

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.502	-1.261	114.6	82.54	23.88	2.297
Stddev	3.773	1.815	.3	.11	.23	.189
%RSD	107.7	143.9	.2453	.1341	.9622	8.220

#1	-4.694	.7844	114.3	82.44	23.89	2.192
#2	-6.535	-1.889	114.6	82.66	24.10	2.184
#3	.7228	-2.679	114.8	82.52	23.64	2.515

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32375-D-1-J@4 Acquired: 10/16/2011 18:02:11 Type: Unk
 Method: SW84610142011(v3) 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	3.588	45.67	259.3
Stddev	.376	.17	2.0
%RSD	10.47	.3820	.7722

#1	3.784	45.53	261.4
#2	3.826	45.62	257.5
#3	3.155	45.87	258.8

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	2172.9	42044.	4674.0
Stddev	8.4	99.	14.4
%RSD	.38792	.23570	.30812

#1	2182.7	42153.	4657.3
#2	2168.0	42018.	4682.0
#3	2168.2	41960.	4682.5

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39340.	19.87	2.715	524.6	4.394	94700.
Stddev	61.	2.71	.562	1.3	.054	331.
%RSD	.1539	13.64	20.69	.2527	1.219	.3493
#1	39310.	19.97	2.085	523.1	4.399	94750.
#2	39300.	17.11	2.898	525.2	4.446	94350.
#3	39410.	22.53	3.163	525.5	4.339	95010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.500	33.00	2681.	634.9	75700.	6383.
Stddev	.030	.12	3.	6.3	139.	58.
%RSD	.6593	.3604	.1232	.9992	.1841	.9056
#1	4.482	32.87	2681.	641.4	75710.	6370.
#2	4.535	33.03	2684.	628.7	75840.	6333.
#3	4.484	33.10	2678.	634.6	75560.	6446.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) 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	11120.	1431.	1526.	164.7	605.9	-.4412
Stddev	33.	2.	6.	.7	.4	.7677
%RSD	.2956	.1101	.4150	.4171	.0685	174.0
#1	11150.	1432.	1519.	164.1	606.4	-.3873
#2	11140.	1431.	1529.	165.5	605.7	-1.235
#3	11090.	1429.	1531.	164.6	605.7	.2981

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3025	-3.851	130.9	2397.	21.30	3.390
Stddev	2.665	1.746	.3	4.	.68	.261
%RSD	881.0	45.35	.2469	.1569	3.201	7.697
#1	-3.189	-2.541	130.6	2393.	21.75	3.089
#2	.2158	-3.178	130.8	2400.	21.64	3.548
#3	2.065	-5.833	131.3	2399.	20.52	3.533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32398-H-1-F@4 Acquired: 10/16/2011 18:05:45 Type: Unk

Method: SW84610142011(v3) 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	19.72	482.1	1138.
Stddev	.10	1.5	1.
%RSD	.5259	.3206	.0666

#1	19.84	482.3	1138.
#2	19.66	480.5	1138.
#3	19.67	483.6	1139.

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	2178.6	42478.	4829.2
Stddev	4.0	277.	35.9
%RSD	.18508	.65200	.74432

#1	2174.3	42210.	4789.0
#2	2179.1	42460.	4858.2
#3	2182.3	42763.	4840.5

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119300.	2349.	1194.	9555.	961.7	121200.
Stddev	83.	5.	4.	6.	2.1	320.
%RSD	.0696	.2088	.3106	.0670	.2195	.2640

#1	119300.	2350.	1190.	9550.	964.1	121600.
#2	119200.	2354.	1197.	9551.	960.5	121000.
#3	119400.	2344.	1196.	9562.	960.5	121000.

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	1192.	2376.	4874.	12020.	97540.	47430.
Stddev	.	.	10.	14.	229.	128.
%RSD	.0301	.0116	.2144	.1137	.2351	.2692

#1	1192.	2376.	4866.	12030.	97340.	47580.
#2	1193.	2376.	4886.	12010.	97790.	47350.
#3	1192.	2376.	4870.	12030.	97490.	47360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
Method: SW84610142011(v3) 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	122900.	4984.	118400.	2387.	7170.	941.6
Stddev	210.	5.	80.	.	6.	.8
%RSD	.1709	.1100	.0675	.0046	.0863	.0857

#1	122700.	4983.	118400.	2387.	7164.	942.3
#2	123100.	4990.	118500.	2387.	7169.	940.7
#3	122800.	4979.	118400.	2387.	7177.	941.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2354.	2391.	2411.	2390.	950.8	2389.
Stddev	6.	2.	3.	1.	2.7	4.
%RSD	.2519	.0684	.1393	.0597	.2861	.1624

#1	2359.	2392.	2408.	2389.	948.8	2385.
#2	2355.	2390.	2414.	2390.	949.6	2389.
#3	2347.	2390.	2409.	2392.	953.9	2393.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:09:18 Type: QC
 Method: SW84610142011(v3) 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	952.1	4841.	9560.
Stddev	1.2	10.	1.
%RSD	.1248	.1976	.0142

#1	951.4	4852.	9562.
#2	951.4	4834.	9560.
#3	953.5	4837.	9559.

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	1950.0	38196.	4465.7
Stddev	4.5	62.	27.0
%RSD	.23190	.16262	.60504

#1	1951.6	38268.	4434.8
#2	1953.6	38153.	4477.8
#3	1944.9	38169.	4484.6

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.255	-.7178	-.2195	.6855	.0403	2.582
Stddev	8.421	.3443	.2419	.5199	.0647	20.29
%RSD	90.99	47.97	110.2	75.84	160.4	785.8

#1	7.009	-.9307	-.1838	1.274	.0960	-20.84
#2	18.57	-.3206	-.4773	.4931	.0557	14.15
#3	2.185	-.9022	.0024	.2893	-.0307	14.44

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0842	.2839	.2001	-.0789	10.04	119.1
Stddev	.1565	.2916	.4238	.2621	6.55	43.7
%RSD	185.9	102.7	211.8	332.1	65.25	36.68

#1	.2551	.4462	.4587	-.0887	11.53	148.3
#2	.0494	.4583	.4305	.1879	2.870	68.87
#3	-.0520	-.0527	-.2890	-.3360	15.71	140.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
Method: SW84610142011(v3) 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	5.886	.3565	47.51	.5404	.7178	.2623
Stddev	6.725	.1730	22.04	.0512	1.290	1.910
%RSD	114.3	48.52	46.40	9.466	179.7	728.0

#1	9.784	.4945	72.25	.5743	2.190	-.6692
#2	9.754	.4125	40.31	.5653	.1785	2.459
#3	-1.879	.1625	29.96	.4816	-.2148	-1.003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9081	.4430	.2626	-.1030	-.1370	1.184
Stddev	3.824	1.842	.1570	.2650	.2852	.612
%RSD	421.1	415.7	59.79	257.2	208.3	51.73

#1	1.336	2.461	.3584	.2012	.1381	1.889
#2	1.263	.0167	.3480	-.2268	-.4313	.7874
#3	-5.323	-1.148	.0814	-.2835	-.1177	.8746

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:12:37 Type: QC
Method: SW84610142011(v3) 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	-.1997	.4165	1.126
Stddev	.8090	.1935	.960
%RSD	405.1	46.46	85.24

#1	.0168	.5571	2.235
#2	.4790	.4965	.5952
#3	-1.095	.1958	.5492

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	2140.1	42023.	4548.8
Stddev	4.0	192.	2.4
%RSD	.18700	.45654	.05284

#1	2140.5	42118.	4551.1
#2	2143.8	42150.	4546.3
#3	2135.9	41803.	4549.0

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8644	.0821	-.3157	.0796	.0184	15.76
Stddev	13.79	.9428	.4450	.0521	.1323	16.64
%RSD	1595.	1148.	140.9	65.53	720.2	105.6
#1	-6.426	1.119	.1636	.1112	.1562	18.96
#2	16.77	-.7243	-.7158	.0194	.0067	-2.247
#3	-7.748	-.1480	-.3949	.1081	-.1077	30.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0233	-.0160	.0038	1.430	5.529	4.284
Stddev	.0786	.0630	.3109	1.270	2.982	28.42
%RSD	337.3	394.9	8088.	88.84	53.93	663.3
#1	-.0108	.0414	.2201	-.0366	8.573	37.10
#2	-.1074	-.0834	-.3525	2.189	5.400	-12.05
#3	.0483	-.0059	.1439	2.138	2.614	-12.20

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC

Method: SW84610142011(v3) 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	1.755	.1045	21.62	-.1290	-.3319	-.5012
Stddev	3.703	.0674	.75	.3621	.9398	1.620
%RSD	211.0	64.52	3.471	280.7	283.2	323.3

#1	5.170	.0287	22.13	-.2027	.0133	-2.042
#2	2.274	.1579	20.76	-.4485	-1.395	1.189
#3	-2.180	.1268	21.96	.2642	.3865	-.6501

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.858	.9940	.0520	.1261	-.1130	.2045
Stddev	2.231	.6728	.1863	.2142	.4605	.1314
%RSD	78.08	67.68	358.7	169.9	407.4	64.24

#1	-.5083	.3595	-.1572	-.0173	.4178	.0529
#2	-3.117	.9230	.1128	.0231	-.4063	.2751
#3	-4.949	1.699	.2002	.3723	-.3505	.2856

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89666/1-A@2 Acquired: 10/16/2011 18:16:21 Type: QC
 Method: SW84610142011(v3) 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	.4500	.0401	-.0356
Stddev	.7072	.0475	.2461
%RSD	157.1	118.6	691.1

#1	.6527	-.0007	-.2213
#2	1.034	.0923	-.1291
#3	-.3364	.0286	.2436

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	2153.5	41893.	4563.0
Stddev	10.7	149.	16.9
%RSD	.49704	.35582	.37134

#1	2142.7	41881.	4557.6
#2	2153.7	42047.	4549.5
#3	2164.1	41750.	4582.0

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04 Type: QC
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40110.	486.0	144.7	923.4	383.1	49850.
Stddev	118.	2.0	.0	2.9	1.1	132.
%RSD	.2942	.4056	.0334	.3145	.2911	.2645
#1	39970.	484.2	144.7	920.3	382.2	49760.
#2	40170.	488.1	144.6	924.0	384.3	50000.
#3	40190.	485.6	144.7	926.0	382.7	49780.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	298.4	470.6	1215.	853.7	88500.	19670.
Stddev	.9	.7	1.	.4	97.	14.
%RSD	.2905	.1461	.0902	.0463	.1102	.0726
#1	297.4	469.8	1216.	853.3	88470.	19680.
#2	299.0	470.9	1214.	853.8	88420.	19680.
#3	298.8	471.1	1215.	854.1	88610.	19650.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04 Type: QC
 Method: SW84610142011(v3) 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	18420.	2932.	4633.	697.3	430.9	930.8
Stddev	51.	9.	13.	2.4	.9	3.1
%RSD	.2793	.3166	.2707	.3432	.2019	.3318
#1	18470.	2940.	4630.	694.5	430.9	928.4
#2	18430.	2934.	4622.	698.3	431.8	934.2
#3	18370.	2922.	4647.	699.0	430.0	929.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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.	624.2	566.6	2870.	668.4	260.7
Stddev	3.	5.8	.7	7.	1.2	.6
%RSD	.1979	.9273	.1216	.2290	.1862	.2186
#1	1327.	617.9	567.4	2863.	667.0	260.1
#2	1331.	625.6	566.1	2875.	668.8	260.8
#3	1327.	629.3	566.3	2874.	669.4	261.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89666/2-A Acquired: 10/16/2011 18:20:04

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Type: QC

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	516.9	1103.	2034.
Stddev	2.5	3.	8.
%RSD	.4866	.3001	.4070

#1	514.1	1100.	2025.
#2	517.7	1106.	2037.
#3	519.0	1104.	2041.

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	2216.1	42859.	4880.2
Stddev	7.4	125.	38.9
%RSD	.33376	.29096	.79690

#1	2224.0	42739.	4868.6
#2	2215.0	42848.	4848.4
#3	2209.3	42988.	4923.5

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem Line	Al3961 396.152 { 85} (Y_3710)	As1890 189.042 {478} (Y_2243)	Ag3280 328.068 {103} (Y_3600)	Ba2335 233.527 {445} (Y_2243)	Be3130 313.042 {108} (Y_3710)	Ca4226 422.673 { 80} (Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3347.	4.891	-.7946	17.20	.0554	141.8
Stddev	27.	.530	.6599	.11	.0650	2.0
%RSD	.8110	10.83	83.04	.6541	117.5	1.381
#1	3367.	4.285	-.3823	17.15	.1297	141.6
#2	3316.	5.265	-.4458	17.12	.0280	140.0
#3	3358.	5.123	-1.556	17.33	.0085	143.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem Line	Cd2265 226.502 {449} (Y_2243)	Co2286 228.616 {447} (Y_2243)	Cr2677 267.716 {126} (Y_3600)	Cu3247 324.754 {104} (Y_3710)	Fe2714 271.441 {124} (Y_3600)	K_7664 766.490 { 44} (Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0214	.3101	11.62	6.121	8826.	453.7
Stddev	.0439	.2411	.57	1.577	26.	22.6
%RSD	205.1	77.73	4.903	25.76	.2942	4.982
#1	-.0342	.5857	11.67	7.926	8799.	446.9
#2	.0275	.1387	11.03	5.426	8830.	478.9
#3	-.0574	.2058	12.17	5.011	8850.	435.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk

Method: SW84610142011(v3) 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	334.6	28.66	36.17	1.542	61.46	2.773
Stddev	1.5	.13	7.58	.178	1.00	1.155
%RSD	.4394	.4670	20.97	11.56	1.631	41.65

#1	334.8	28.63	41.52	1.350	61.07	3.565
#2	333.1	28.55	39.50	1.703	60.72	1.448
#3	336.0	28.81	27.49	1.573	62.60	3.306

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-1.358	23.34	18.71	5.482	2.194
Stddev	1.377	1.004	.19	.08	.511	.163
%RSD	511.9	73.97	.8139	.4476	9.328	7.406

#1	-.3581	-2.461	23.15	18.71	6.071	2.138
#2	1.150	-1.113	23.35	18.63	5.158	2.067
#3	-1.599	-.4983	23.52	18.80	5.216	2.377

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-F DU@4 Acquired: 10/16/2011 18:23:25 Type: Unk
 Method: SW84610142011(v3) 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	3.230	2.333	316.7
Stddev	1.073	.116	.6
%RSD	33.21	4.978	.1757

#1	3.456	2.454	316.1
#2	4.172	2.223	317.0
#3	2.063	2.321	317.0

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	2169.2	42401.	4633.2
Stddev	6.4	219.	2.3
%RSD	.29436	.51536	.04920

#1	2171.1	42510.	4634.1
#2	2162.1	42544.	4634.8
#3	2174.5	42150.	4630.6

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3712.	3.289	-.8143	20.73	.0421	223.8
Stddev	11.	.497	.2701	.03	.0296	11.8
%RSD	.2933	15.09	33.18	.1327	70.28	5.256

#1	3701.	2.729	-.5360	20.74	.0677	237.3
#2	3712.	3.464	-.8314	20.75	.0490	216.4
#3	3723.	3.675	-1.075	20.70	.0097	217.6

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	.0860	.6874	12.94	7.886	9348.	448.7
Stddev	.1000	.1234	.25	.709	30.	24.3
%RSD	116.3	17.96	1.919	8.996	.3192	5.419

#1	.1135	.8071	12.92	8.687	9382.	440.6
#2	-.0249	.5605	12.70	7.635	9335.	476.1
#3	.1694	.6945	13.20	7.337	9326.	429.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) 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	383.0	31.78	32.23	2.288	73.85	2.144
Stddev	4.8	.13	7.84	.193	.54	1.099
%RSD	1.244	.3961	24.31	8.446	.7279	51.23

#1	377.5	31.88	40.24	2.198	73.23	1.535
#2	385.1	31.81	31.89	2.156	74.12	3.413
#3	386.2	31.64	24.58	2.510	74.19	1.485

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.572	-1.877	23.63	20.35	4.613	1.789
Stddev	1.631	1.086	.27	.17	1.128	.138
%RSD	103.8	57.87	1.147	.8484	24.46	7.732

#1	-3.138	-.9438	23.92	20.55	5.881	1.821
#2	.1170	-3.069	23.38	20.29	4.238	1.908
#3	-1.694	-1.618	23.60	20.22	3.719	1.637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-E@4 Acquired: 10/16/2011 18:27:03 Type: Unk

Method: SW84610142011(v3) 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	3.128	3.209	344.3
Stddev	.578	.160	.9
%RSD	18.47	4.996	.2682

#1	3.216	3.306	343.4
#2	2.511	3.298	344.4
#3	3.657	3.024	345.2

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	2174.6	42379.	4639.2
Stddev	3.8	337.	38.0
%RSD	.17692	.79552	.81875

#1	2170.8	42034.	4596.2
#2	2174.6	42395.	4653.2
#3	2178.5	42707.	4668.2

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	743.4	1.578	-.3578	4.163	.1142	37.65
Stddev	6.2	.970	.7670	.057	.0298	5.15
%RSD	.8407	61.46	214.3	1.360	26.13	13.67

#1	736.9	2.035	-.8763	4.217	.1024	37.20
#2	749.4	.4641	.5232	4.169	.1481	43.00
#3	743.8	2.234	-.7204	4.104	.0921	32.73

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	.0127	.1310	2.276	-.6725	1880.	89.12
Stddev	.0512	.2156	.577	.7920	3.	5.97
%RSD	402.1	164.6	25.36	117.8	.1483	6.700

#1	-.0432	.3231	2.301	-.2746	1882.	95.34
#2	.0241	.1721	1.686	-.1583	1880.	88.58
#3	.0573	-.1022	2.840	-1.585	1877.	83.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk

Method: SW84610142011(v3) 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	75.64	6.350	10.22	.5686	14.59	.6282
Stddev	4.65	.035	6.85	.3870	.36	.6179
%RSD	6.144	.5429	67.05	68.05	2.491	98.36

#1	70.34	6.335	2.315	1.012	14.99	.0379
#2	79.01	6.390	13.89	.2991	14.49	1.270
#3	77.58	6.326	14.47	.3948	14.29	.5763

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9850	.5571	4.628	4.104	.0423	.3553
Stddev	1.397	1.234	.297	.082	.5396	.1179
%RSD	141.8	221.4	6.413	1.987	1275.	33.19

#1	-1.551	-.7306	4.291	4.067	.6643	.2501
#2	-2.010	.6734	4.738	4.047	-.2369	.4827
#3	.6059	1.728	4.853	4.197	-.3005	.3331

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: SD 460-32406-A-1-E@2 Acquired: 10/16/2011 18:30:40 Type: Unk

Method: SW84610142011(v3) 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	.8756	.6256	68.24
Stddev	.9434	.0772	.85
%RSD	107.7	12.35	1.252

#1	1.010	.7023	68.45
#2	-.1278	.6267	67.30
#3	1.744	.5478	68.97

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	2223.7	43343.	4714.7
Stddev	13.5	107.	35.7
%RSD	.60591	.24780	.75624

#1	2233.1	43463.	4674.1
#2	2229.8	43257.	4728.9
#3	2208.3	43309.	4741.1

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7559.	861.1	22.71	992.3	24.25	10210.
Stddev	48.	.6	.36	2.3	.24	52.
%RSD	.6318	.0748	1.567	.2307	.9861	.5094

#1	7516.	860.4	22.97	989.7	23.97	10150.
#2	7551.	861.5	22.30	994.0	24.42	10210.
#3	7611.	861.5	22.85	993.2	24.34	10250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.88	242.9	118.5	128.0	11550.	10310.
Stddev	.08	.1	.7	.6	28.	34.
%RSD	.3185	.0610	.5701	.4501	.2388	.3312

#1	23.95	242.8	117.7	127.9	11530.	10280.
#2	23.80	243.1	118.7	128.6	11550.	10340.
#3	23.90	242.9	119.0	127.5	11580.	10320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk

Method: SW84610142011(v3) 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	10370.	289.9	9228.	248.1	326.0	226.8
Stddev	25.	1.3	54.	.2	.8	1.9
%RSD	.2448	.4401	.5859	.0638	.2528	.8232

#1	10360.	289.3	9170.	248.0	325.1	225.5
#2	10360.	289.1	9234.	248.0	326.3	226.1
#3	10400.	291.4	9278.	248.3	326.7	229.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	845.6	993.8	266.7	259.1	238.2	237.4
Stddev	3.3	1.1	.6	.2	1.6	.5
%RSD	.3906	.1132	.2073	.0703	.6837	.1919

#1	841.9	994.5	266.9	259.3	236.4	237.1
#2	846.4	992.5	266.1	259.1	239.0	237.3
#3	848.4	994.4	267.1	258.9	239.3	237.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-1-G MS@4 Acquired: 10/16/2011 18:34:22 Type: Unk
 Method: SW84610142011(v3) 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	239.5	242.8	605.4
Stddev	.8	.2	2.3
%RSD	.3293	.0913	.3773

#1	239.0	242.7	602.8
#2	240.4	242.7	606.7
#3	239.0	243.1	606.8

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	2160.6	42067.	4711.3
Stddev	4.9	175.	17.6
%RSD	.22907	.41498	.37279

#1	2155.3	41929.	4727.0
#2	2161.5	42263.	4692.3
#3	2165.0	42009.	4714.5

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5524.	1831.	39.64	1957.	48.91	20320.
Stddev	32.	9.	.40	5.	.07	44.
%RSD	.5761	.4939	.9968	.2600	.1386	.2158

#1	5547.	1829.	39.30	1958.	48.96	20370.
#2	5538.	1823.	40.08	1951.	48.83	20290.
#3	5488.	1841.	39.55	1961.	48.92	20290.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.42	488.9	213.6	253.5	10020.	19230.
Stddev	.21	2.0	.8	2.8	16.	18.
%RSD	.4281	.4161	.3837	1.088	.1599	.0956

#1	48.41	490.0	212.9	250.4	10010.	19260.
#2	48.22	486.6	213.2	254.7	10030.	19220.
#3	48.63	490.1	214.5	255.5	10040.	19220.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk

Method: SW84610142011(v3) 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	19910.	556.0	18670.	496.0	565.3	464.6
Stddev	70.	2.1	120.	1.2	1.6	4.0
%RSD	.3498	.3709	.6442	.2453	.2771	.8569

#1	19900.	554.9	18810.	495.7	566.1	466.6
#2	19840.	554.6	18600.	495.0	563.5	460.1
#3	19980.	558.3	18610.	497.4	566.2	467.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1800.	2026.	511.9	495.9	481.4	483.0
Stddev	9.	8.	2.0	2.1	2.7	1.3
%RSD	.5057	.3711	.3884	.4163	.5658	.2679

#1	1798.	2031.	512.5	496.5	480.6	483.5
#2	1792.	2017.	509.7	493.5	479.2	481.6
#3	1810.	2029.	513.5	497.5	484.5	484.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: PDS 460-32406-A-1-E@ Acquired: 10/16/2011 18:37:49 Type: Unk
 Method: SW84610142011(v3) 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	480.6	481.3	831.3
Stddev	2.1	1.6	4.0
%RSD	.4318	.3235	.4860

#1	479.8	482.4	835.4
#2	479.0	482.0	831.1
#3	482.9	479.5	827.4

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	2139.2	41344.	4701.7
Stddev	6.6	76.	38.9
%RSD	.30646	.18481	.82694

#1	2131.8	41431.	4667.8
#2	2144.4	41286.	4693.2
#3	2141.5	41315.	4744.1

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163500.	30.95	4.786	345.3	3.866	32720.
Stddev	585.	1.82	.390	1.3	.031	188.
%RSD	.3577	5.872	8.145	.3655	.8022	.5740

#1	162900.	28.87	4.617	344.4	3.901	32520.
#2	163400.	31.76	4.509	346.7	3.843	32750.
#3	164100.	32.22	5.232	344.8	3.853	32890.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.768	32.87	84.36	160.8	81620.	3751.
Stddev	.105	.26	.22	1.7	247.	49.
%RSD	5.927	.7947	.2640	1.084	.3021	1.316

#1	1.866	32.88	84.48	160.1	81370.	3723.
#2	1.779	33.13	84.11	162.8	81860.	3723.
#3	1.658	32.61	84.51	159.5	81620.	3808.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) 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	13240.	8866.	497.4	69.80	98.00	5.611
Stddev	56.	58.	4.6	.76	.31	1.278
%RSD	.4248	.6555	.9339	1.091	.3193	22.78
#1	13180.	8808.	499.1	69.49	98.36	4.648
#2	13290.	8864.	492.1	69.24	97.79	7.061
#3	13260.	8924.	500.9	70.67	97.86	5.124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.103	F -20.31	109.5	352.7	30.81	7.187
Stddev	3.220	1.11	.3	.6	.51	.234
%RSD	103.7	5.445	.2652	.1777	1.646	3.251
#1	.7105	-20.71	109.6	352.0	30.25	7.456
#2	6.764	-21.16	109.7	353.0	30.94	7.073
#3	1.836	-19.06	109.2	353.2	31.24	7.032

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		4500.				
Low Limit		-20.00				

Sample Name: 460-32339-A-3-A@4 Acquired: 10/16/2011 18:41:10 Type: Unk

Method: SW84610142011(v3) 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	23.38	115.1	959.7
Stddev	.43	.5	3.5
%RSD	1.824	.4535	.3680

#1	23.35	114.7	956.8
#2	23.81	114.9	958.8
#3	22.96	115.7	963.7

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	2212.6	42699.	4858.5
Stddev	3.1	30.	8.5
%RSD	.14075	.07094	.17578

#1	2211.4	42719.	4854.7
#2	2210.2	42715.	4852.6
#3	2216.1	42665.	4868.3

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10870.	13.66	-.5204	53.04	.8491	8214.
Stddev	11.	1.09	.0531	.11	.0964	8.
%RSD	.1026	7.939	10.21	.2161	11.35	.1003

#1	10860.	12.41	-.5611	53.09	.7409	8220.
#2	10880.	14.34	-.4603	53.12	.8805	8217.
#3	10860.	14.23	-.5398	52.91	.9259	8205.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0022	17.37	47.92	26.53	53490.	1584.
Stddev	.0700	.11	.52	.77	193.	9.
%RSD	3147.	.6402	1.093	2.904	.3611	.5597

#1	-.0309	17.37	47.70	26.26	53620.	1588.
#2	.0826	17.48	48.52	25.93	53570.	1574.
#3	-.0451	17.26	47.54	27.40	53260.	1590.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) 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	9444.	892.4	460.8	51.79	14.33	-1.539
Stddev	38.	2.5	7.1	.12	.83	.376
%RSD	.4020	.2836	1.540	.2226	5.779	24.44

#1	9465.	894.7	453.6	51.67	15.03	-1.444
#2	9466.	892.8	461.0	51.90	13.41	-1.953
#3	9400.	889.7	467.8	51.80	14.54	-1.219

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.828	-1.698	40.71	77.15	5.475	2.302
Stddev	2.395	.574	.16	.28	.386	.265
%RSD	84.71	33.83	.3973	.3657	7.050	11.52

#1	-.3558	-2.090	40.86	77.34	5.888	2.592
#2	-5.138	-1.038	40.54	76.82	5.124	2.242
#3	-2.989	-1.964	40.74	77.28	5.412	2.072

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-A-1-C@4 Acquired: 10/16/2011 18:44:49 Type: Unk

Method: SW84610142011(v3) 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	1.865	17.11	284.3
Stddev	.961	.06	1.3
%RSD	51.54	.3641	.4586

#1	1.346	17.15	285.7
#2	2.975	17.14	284.3
#3	1.275	17.04	283.1

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	2194.1	42555.	4698.8
Stddev	4.3	37.	8.9
%RSD	.19502	.08811	.18903

#1	2190.2	42558.	4699.9
#2	2193.5	42516.	4707.0
#3	2198.7	42591.	4689.4

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10920.	2.531	-.0418	39.79	.6211	19000.
Stddev	25.	.807	.5983	.08	.0708	105.
%RSD	.2274	31.88	1433.	.2117	11.40	.5539

#1	10900.	3.234	-.5164	39.83	.6544	18900.
#2	10900.	1.650	-.2391	39.69	.6691	19000.
#3	10940.	2.708	.6303	39.84	.5398	19110.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0050	11.91	26.85	27.23	31290.	1883.
Stddev	.1389	.23	.31	4.98	106.	30.
%RSD	2765.	1.890	1.152	18.29	.3385	1.589

#1	.1374	11.65	27.03	30.20	31170.	1848.
#2	-.0123	12.00	26.50	21.48	31320.	1899.
#3	-.1401	12.07	27.03	30.01	31380.	1901.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk

Method: SW84610142011(v3) 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	11270.	583.0	2880.	26.90	9.519	-1.085
Stddev	49.	2.4	23.	.26	.520	.972
%RSD	.4318	.4038	.7970	.9806	5.458	89.65

#1	11220.	581.4	2879.	27.15	10.12	-.0011
#2	11260.	581.9	2858.	26.62	9.206	-1.372
#3	11320.	585.7	2904.	26.94	9.232	-1.881

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5574	-1.702	33.57	53.17	3.727	-.0295
Stddev	1.271	1.737	.17	.29	.489	.1986
%RSD	228.0	102.0	.5005	.5467	13.13	674.2

#1	-.6212	-3.059	33.47	53.13	4.100	-.2585
#2	.7441	.2551	33.46	52.89	3.908	.0745
#3	-1.795	-2.301	33.76	53.47	3.173	.0956

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32416-C-2-D@4 Acquired: 10/16/2011 18:48:24 Type: Unk
 Method: SW84610142011(v3) 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	2.020	34.24	499.0
Stddev	.369	.20	.7
%RSD	18.28	.5906	.1398

#1	2.178	34.09	499.4
#2	1.598	34.16	498.2
#3	2.284	34.47	499.4

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	2186.1	42217.	4716.9
Stddev	5.0	106.	13.7
%RSD	.22859	.25162	.29133

#1	2184.9	42315.	4713.0
#2	2191.6	42230.	4732.2
#3	2181.9	42104.	4705.6

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118900.	2339.	1191.	9508.	965.4	121300.
Stddev	216.	5.	2.	30.	1.8	304.
%RSD	.1819	.2329	.1299	.3170	.1813	.2507

#1	118600.	2333.	1193.	9474.	964.9	121000.
#2	118900.	2340.	1191.	9516.	967.4	121600.
#3	119000.	2344.	1190.	9533.	964.0	121300.

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	1185.	2361.	4878.	12020.	97310.	47630.
Stddev	4.	10.	6.	18.	159.	185.
%RSD	.3269	.4161	.1198	.1472	.1633	.3881

#1	1181.	2351.	4873.	12000.	97260.	47450.
#2	1186.	2362.	4876.	12040.	97190.	47820.
#3	1188.	2371.	4884.	12010.	97490.	47610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
Method: SW84610142011(v3) 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	122800.	5012.	117600.	2372.	7110.	939.9
Stddev	161.	9.	88.	9.	28.	3.4
%RSD	.1308	.1801	.0749	.3636	.3881	.3651

#1	122700.	5002.	117500.	2362.	7084.	936.2
#2	122700.	5019.	117500.	2375.	7106.	940.6
#3	122900.	5014.	117700.	2379.	7139.	942.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2346.	2371.	2408.	2368.	944.2	2379.
Stddev	13.	13.	2.	10.	5.0	8.
%RSD	.5531	.5590	.0969	.4049	.5331	.3386

#1	2332.	2357.	2408.	2358.	938.9	2370.
#2	2348.	2374.	2405.	2371.	944.9	2381.
#3	2357.	2383.	2410.	2376.	948.9	2386.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 18:52:02 Type: QC
 Method: SW84610142011(v3) 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	942.6	4857.	9532.
Stddev	2.1	17.	25.
%RSD	.2232	.3521	.2584

#1	940.3	4837.	9505.
#2	944.5	4869.	9540.
#3	942.9	4864.	9552.

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	1979.7	38218.	4534.0
Stddev	7.0	89.	6.8
%RSD	.35508	.23378	.14942

#1	1986.4	38307.	4539.8
#2	1980.2	38220.	4535.8
#3	1972.4	38128.	4526.6

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.02	1.217	-.2533	.5937	.1443	8.405
Stddev	10.89	.116	.2293	.2549	.0226	5.815
%RSD	77.67	9.523	90.51	42.94	15.64	69.18

#1	19.18	1.095	-.3899	.8076	.1662	15.07
#2	1.511	1.325	-.3814	.6618	.1455	4.351
#3	21.38	1.230	.0114	.3116	.1211	5.797

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1038	.1882	.0937	2.215	7.418	-18.74
Stddev	.0461	.0811	.1808	1.456	4.626	20.33
%RSD	44.45	43.11	193.0	65.73	62.36	108.5

#1	.0646	.2411	-.1079	1.128	10.79	-1.641
#2	.1547	.2286	.1472	3.869	9.321	-13.34
#3	.0921	.0948	.2418	1.648	2.145	-41.22

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
Method: SW84610142011(v3) 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	9.168	.4147	42.00	.5493	.0300	2.180
Stddev	.925	.1176	11.10	.3071	.8421	.727
%RSD	10.10	28.35	26.42	55.90	2809.	33.35
#1	9.921	.4824	50.07	.6311	-.6181	2.989
#2	9.448	.4828	46.60	.8072	.9818	1.974
#3	8.134	.2789	29.35	.2096	-.2738	1.579

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.298	.4990	.0082	-.2279	.5792	1.019
Stddev	2.869	.2432	.2238	.0843	.3635	.416
%RSD	221.0	48.75	2735.	36.99	62.76	40.80
#1	1.805	.5510	.2504	-.1470	.9978	1.332
#2	-3.854	.7120	-.0347	-.3152	.3975	1.177
#3	-1.846	.2339	-.1911	-.2214	.3424	.5473

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 18:55:22 Type: QC
 Method: SW84610142011(v3) 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	.5011	.3917	1.539
Stddev	1.369	.0833	.885
%RSD	273.1	21.26	57.50

#1	2.070	.4743	.5244
#2	-.1195	.3931	1.942
#3	-.4472	.3077	2.152

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	2175.4	42294.	4617.2
Stddev	8.0	43.	6.5
%RSD	.36606	.10267	.14149

#1	2175.6	42340.	4617.0
#2	2183.3	42253.	4610.8
#3	2167.4	42288.	4623.8

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.806	-.7744	-.8182	.0521	.1816	11.20
Stddev	14.80	.8183	.2296	.0627	.1262	2.01
%RSD	189.7	105.7	28.06	120.2	69.49	17.91

#1	-5.187	-1.628	-1.032	-.0150	.0813	10.23
#2	4.682	-.6977	-.8468	.0623	.1403	9.872
#3	23.92	.0028	-.5757	.1091	.3233	13.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0238	-.0102	-.4534	.2889	5.346	-7.060
Stddev	.0388	.1376	.0932	.6358	4.718	28.12
%RSD	162.9	1354.	20.56	220.1	88.25	398.3

#1	-.0121	.0833	-.4776	-.4385	1.502	25.40
#2	-.0671	.0543	-.5320	.7383	10.61	-24.04
#3	.0078	-.1681	-.3504	.5669	3.925	-22.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) 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	3.119	.1103	23.44	.1393	-.5286	.6754
Stddev	1.872	.0331	6.10	.2412	1.280	.4519
%RSD	60.02	29.99	26.02	173.1	242.2	66.91
#1	4.759	.1206	27.50	.4129	-1.787	.2245
#2	1.079	.0733	26.39	-.0427	.7724	.6735
#3	3.520	.1371	16.43	.0479	-.5709	1.128

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.376	-.2296	.0282	2.176	-.0020	.4175
Stddev	.426	1.063	.3622	.078	.2029	.0867
%RSD	30.97	463.2	1284.	3.564	10120.	20.76
#1	-.8963	.7248	-.1706	2.250	-.2022	.3607
#2	-1.711	-1.376	-.1911	2.184	.2035	.5172
#3	-1.520	-.0375	.4462	2.095	-.0073	.3745

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-89668/1-A@2 Acquired: 10/16/2011 18:59:06 Type: QC

Method: SW84610142011(v3) 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	-.0747	.0689	-.0569
Stddev	.3389	.0427	.9056
%RSD	453.6	61.89	1591.

#1	-.2461	.0598	.1968
#2	.3157	.1154	.6947
#3	-.2937	.0316	-1.062

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	2145.6	42164.	4606.6
Stddev	3.2	78.	9.3
%RSD	.15090	.18426	.20139

#1	2141.8	42144.	4611.5
#2	2147.6	42099.	4595.9
#3	2147.3	42250.	4612.3

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36840.	451.9	135.2	871.1	363.3	47120.
Stddev	104.	1.2	.4	.2	1.5	115.
%RSD	.2827	.2667	.2653	.0228	.4101	.2430

#1	36910.	450.9	135.6	870.8	362.9	47120.
#2	36890.	451.6	134.9	871.2	365.0	47230.
#3	36720.	453.3	135.1	871.2	362.1	47000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	278.7	435.8	1131.	799.7	84050.	18340.
Stddev	.3	.3	1.	2.9	107.	33.
%RSD	.1159	.0620	.1235	.3622	.1270	.1814

#1	279.1	436.1	1130.	796.4	83940.	18350.
#2	278.4	435.7	1130.	801.3	84060.	18370.
#3	278.6	435.6	1132.	801.5	84150.	18300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC
 Method: SW84610142011(v3) 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	17190.	2754.	4321.	643.2	392.3	871.7
Stddev	39.	3.	19.	.3	2.4	.7
%RSD	.2253	.1270	.4361	.0509	.5991	.0783
#1	17190.	2753.	4333.	643.6	389.7	872.4
#2	17150.	2752.	4332.	642.9	394.2	871.0
#3	17230.	2758.	4300.	643.1	393.1	871.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	594.2	533.7	2662.	612.3	243.1
Stddev	1.	.4	.7	3.	1.2	.4
%RSD	.0982	.0742	.1281	.1001	.1950	.1683
#1	1242.	594.1	533.2	2665.	611.4	243.1
#2	1239.	594.7	533.4	2660.	611.8	243.6
#3	1241.	593.8	534.5	2660.	613.6	242.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-89668/2-A Acquired: 10/16/2011 19:02:49 Type: QC
Method: SW84610142011(v3) 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	485.3	1040.	1772.
Stddev	1.4	2.	5.
%RSD	.2827	.1831	.2876

#1	485.9	1041.	1774.
#2	486.2	1042.	1776.
#3	483.7	1038.	1766.

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	2236.6	43002.	4897.3
Stddev	1.0	182.	15.9
%RSD	.04345	.42255	.32449

#1	2235.6	42802.	4903.4
#2	2236.9	43158.	4879.3
#3	2237.4	43045.	4909.2

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54690.	35.62	-.7096	289.6	2.748	107000.
Stddev	155.	1.26	.4750	1.3	.125	222.
%RSD	.2842	3.548	66.95	.4657	4.531	.2077

#1	54720.	35.75	-1.088	290.1	2.863	106800.
#2	54520.	36.81	-.8635	290.6	2.765	107000.
#3	54830.	34.29	-.1766	288.1	2.616	107200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2186	56.66	80.90	141.8	141900.	4004.
Stddev	.1179	.27	.38	3.0	259.	29.
%RSD	53.96	.4794	.4703	2.086	.1827	.7315

#1	-.3172	56.35	80.83	138.4	141600.	3984.
#2	-.0879	56.87	81.31	143.1	142100.	4038.
#3	-.2506	56.75	80.56	143.9	141800.	3991.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) 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	29790.	2858.	2043.	124.9	67.78	.5407
Stddev	53.	6.	15.	.3	1.62	1.875
%RSD	.1792	.2084	.7332	.2219	2.394	346.8

#1	29760.	2861.	2034.	124.6	67.65	2.588
#2	29850.	2861.	2061.	125.2	66.23	-1.093
#3	29750.	2851.	2036.	125.0	69.47	.1271

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.626	-8.814	78.24	394.6	.7954	1.709
Stddev	3.380	1.315	.22	1.2	.3886	.115
%RSD	128.7	14.92	.2784	.3115	48.86	6.708

#1	-6.477	-9.983	77.99	393.5	1.231	1.621
#2	-1.249	-7.390	78.35	394.5	.6718	1.838
#3	-.1514	-9.069	78.38	395.9	.4836	1.666

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-8-C@4 Acquired: 10/16/2011 19:06:11 Type: Unk

Method: SW84610142011(v3) 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	299.2	179.2
Stddev	.507	.9	.8
%RSD	21.67	.2888	.4696

#1	2.130	299.0	179.0
#2	1.971	298.4	178.4
#3	2.918	300.1	180.1

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	2223.5	42650.	4919.5
Stddev	6.8	57.	6.0
%RSD	.30444	.13436	.12206

#1	2231.0	42639.	4922.6
#2	2221.7	42600.	4923.2
#3	2217.9	42713.	4912.5

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50280.	29.62	-.4284	277.8	2.709	61560.
Stddev	126.	1.10	.1712	1.5	.018	155.
%RSD	.2503	3.696	39.96	.5538	.6492	.2515

#1	50210.	30.72	-.3115	279.4	2.724	61610.
#2	50210.	28.53	-.3489	277.5	2.714	61380.
#3	50430.	29.60	-.6249	276.4	2.690	61680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3124	61.75	72.56	143.2	134200.	3392.
Stddev	.1438	.20	.16	1.8	135.	54.
%RSD	46.03	.3196	.2174	1.289	.1007	1.582

#1	-.3995	61.65	72.41	142.6	134100.	3334.
#2	-.1464	61.62	72.54	145.3	134300.	3402.
#3	-.3914	61.97	72.72	141.8	134100.	3440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk
 Method: SW84610142011(v3) 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	25860.	3288.	1156.	125.1	55.76	-1.532
Stddev	25.	8.	17.	.3	.56	2.869
%RSD	.0948	.2285	1.502	.2415	1.002	187.2
#1	25830.	3287.	1138.	124.9	55.38	1.757
#2	25870.	3281.	1172.	125.4	55.51	-3.517
#3	25870.	3296.	1157.	124.8	56.41	-2.836

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.905	-8.916	72.73	373.7	.2687	1.261
Stddev	2.025	1.904	.66	.1	.1827	.209
%RSD	51.86	21.35	.9037	.0350	67.97	16.55
#1	-3.108	-10.73	73.28	373.7	.0591	1.188
#2	-6.208	-6.935	72.90	373.9	.3533	1.099
#3	-2.400	-9.082	72.00	373.7	.3938	1.496

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-10-C@4 Acquired: 10/16/2011 19:09:41 Type: Unk
 Method: SW84610142011(v3) 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	2.712	210.9	153.0
Stddev	.636	.7	.5
%RSD	23.46	.3088	.3455

#1	2.687	211.7	152.4
#2	3.360	210.4	153.3
#3	2.088	210.8	153.4

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	2226.2	42994.	4888.7
Stddev	7.1	73.	10.8
%RSD	.31718	.16913	.22109

#1	2234.2	43076.	4895.9
#2	2223.6	42970.	4893.8
#3	2220.8	42936.	4876.2

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk
 Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56570.	28.93	-.1516	288.2	2.844	131300.
Stddev	313.	.71	.4235	.4	.028	911.
%RSD	.5527	2.441	279.4	.1501	.9845	.6937
#1	56220.	29.63	-.0071	288.5	2.875	130300.
#2	56820.	28.95	-.6284	288.4	2.838	131600.
#3	56670.	28.21	.1809	287.7	2.820	132000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2318	61.53	84.38	150.3	150700.	4220.
Stddev	.0491	.28	.23	3.7	217.	17.
%RSD	21.17	.4494	.2696	2.432	.1437	.4046
#1	-.2104	61.84	84.12	146.8	150500.	4203.
#2	-.1971	61.29	84.48	150.0	150900.	4237.
#3	-.2880	61.47	84.54	154.1	150800.	4219.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk

Method: SW84610142011(v3) 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	29450.	3242.	1895.	138.2	78.83	-1.835
Stddev	134.	19.	19.	.5	1.79	1.705
%RSD	.4536	.5884	1.006	.3879	2.265	92.90

#1	29310.	3223.	1875.	138.0	76.80	-2.792
#2	29440.	3242.	1913.	138.8	79.51	.1332
#3	29580.	3261.	1897.	137.7	80.17	-2.847

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.980	-9.272	81.23	352.3	.7342	1.323
Stddev	1.050	2.514	.34	.7	.2927	.092
%RSD	21.08	27.11	.4224	.1931	39.86	6.929

#1	-4.115	-9.071	80.84	352.8	.6304	1.247
#2	-4.677	-6.864	81.48	352.6	.5076	1.425
#3	-6.149	-11.88	81.37	351.6	1.065	1.297

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-12-C@4 Acquired: 10/16/2011 19:13:12 Type: Unk

Method: SW84610142011(v3) 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	2.271	423.9	199.1
Stddev	.542	2.5	2.5
%RSD	23.89	.5946	1.250

#1	2.665	421.0	201.0
#2	2.496	425.2	199.9
#3	1.653	425.5	196.3

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	2214.0	42154.	4855.4
Stddev	6.5	201.	10.4
%RSD	.29498	.47775	.21432

#1	2207.8	42324.	4865.3
#2	2213.4	42206.	4856.4
#3	2220.8	41932.	4844.6

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47200.	25.62	-.6873	273.2	2.357	109900.
Stddev	136.	1.53	.2192	1.2	.059	388.
%RSD	.2882	5.992	31.88	.4497	2.482	.3534
#1	47100.	26.57	-.5059	272.1	2.348	109500.
#2	47140.	26.45	-.6253	273.0	2.303	109900.
#3	47350.	23.85	-.9308	274.5	2.419	110200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1984	52.01	69.01	120.8	123900.	3470.
Stddev	.0383	.24	.26	3.3	3.	17.
%RSD	19.29	.4695	.3826	2.763	.0025	.4968
#1	-.2354	51.79	68.74	121.7	123900.	3452.
#2	-.1590	52.27	69.02	117.1	123900.	3486.
#3	-.2008	51.97	69.27	123.6	123900.	3471.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk

Method: SW84610142011(v3) 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	25100.	2533.	517.0	112.1	54.77	-2.393
Stddev	24.	5.	21.7	.6	.36	1.836
%RSD	.0951	.1880	4.199	.5681	.6579	76.75
#1	25120.	2538.	520.3	111.3	54.42	-3.612
#2	25090.	2532.	536.8	112.4	55.14	-3.285
#3	25080.	2529.	493.8	112.4	54.76	-.2805

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9804	-10.88	66.25	310.2	1.596	.9241
Stddev	2.114	1.03	.26	1.9	.622	.1956
%RSD	215.7	9.500	.3905	.6264	39.00	21.17
#1	-3.401	-9.684	66.55	308.2	.9127	1.071
#2	-.0488	-11.46	66.06	310.5	1.744	.9997
#3	.5082	-11.48	66.16	312.0	2.130	.7020

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-14-C@4 Acquired: 10/16/2011 19:16:43 Type: Unk

Method: SW84610142011(v3) 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	2.789	299.7	152.5
Stddev	.695	1.1	2.1
%RSD	24.92	.3628	1.387

#1	3.406	298.9	150.9
#2	2.925	299.4	151.6
#3	2.036	301.0	154.9

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	2193.2	42119.	4835.3
Stddev	7.7	235.	6.3
%RSD	.35154	.55680	.13059

#1	2201.7	41892.	4829.5
#2	2191.4	42106.	4842.0
#3	2186.6	42360.	4834.4

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49120.	27.79	.0403	262.6	2.497	40230.
Stddev	129.	.98	.4878	1.3	.113	134.
%RSD	.2618	3.515	1209.	.4938	4.533	.3324

#1	49010.	27.80	-.2672	262.2	2.615	40160.
#2	49080.	28.77	-.2146	264.1	2.488	40140.
#3	49260.	26.82	.6028	261.6	2.389	40380.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2454	49.61	73.44	129.5	136800.	3570.
Stddev	.1064	.29	.10	2.3	279.	17.
%RSD	43.37	.5934	.1312	1.739	.2038	.4625

#1	-.2531	49.53	73.33	131.5	136400.	3575.
#2	-.1353	49.93	73.49	127.1	136900.	3552.
#3	-.3477	49.36	73.50	129.9	136900.	3584.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) 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	24790.	2583.	675.5	117.1	69.98	-3.005
Stddev	37.	6.	5.4	.5	.72	1.047
%RSD	.1498	.2399	.7964	.4153	1.029	34.83

#1	24750.	2577.	672.0	117.3	69.21	-3.438
#2	24800.	2582.	672.9	117.4	70.12	-3.766
#3	24830.	2589.	681.7	116.5	70.63	-1.812

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.936	-6.836	71.08	337.8	1.309	1.097
Stddev	4.900	1.888	.76	.7	.248	.364
%RSD	99.25	27.62	1.070	.2160	18.95	33.18

#1	-8.856	-8.888	70.20	337.9	1.070	1.180
#2	.5567	-5.172	71.53	338.4	1.293	.6985
#3	-6.510	-6.449	71.50	337.0	1.565	1.412

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 220-16721-A-16-C@4 Acquired: 10/16/2011 19:20:15 Type: Unk

Method: SW84610142011(v3) 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	2.597	142.8	195.1
Stddev	.719	.7	.6
%RSD	27.70	.4780	.3076

#1	1.865	142.3	194.5
#2	3.303	142.6	195.6
#3	2.623	143.6	195.3

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	2230.7	43159.	4858.2
Stddev	5.6	144.	14.9
%RSD	.25044	.33393	.30580

#1	2227.6	43318.	4846.5
#2	2227.3	43037.	4853.2
#3	2237.1	43122.	4874.9

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5910.	4.979	-.7620	13.70	.1994	106.7
Stddev	46.	1.828	.5590	.06	.1831	8.1
%RSD	.7796	36.71	73.35	.4675	91.83	7.573
#1	5859.	3.353	-1.220	13.75	.3712	110.2
#2	5923.	4.628	-.1393	13.63	.0067	112.4
#3	5948.	6.957	-.9265	13.73	.2203	97.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0279	.5129	16.03	5.228	12360.	453.7
Stddev	.0330	.2893	.27	2.560	12.	19.3
%RSD	118.4	56.40	1.704	48.97	.0930	4.262
#1	.0022	.7671	15.80	7.770	12350.	474.0
#2	-.0227	.5735	16.33	5.263	12360.	451.5
#3	-.0632	.1981	15.96	2.650	12370.	435.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) 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	416.9	55.01	16.05	2.638	65.76	.7903
Stddev	3.7	.06	19.49	.316	.67	2.107
%RSD	.8760	.1020	121.4	11.99	1.014	266.7

#1	417.7	54.96	21.40	2.284	65.77	2.932
#2	413.0	55.01	32.31	2.893	65.09	.7197
#3	420.1	55.07	-5.555	2.735	66.42	-1.281

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.185	-1.403	25.00	15.56	1.279	2.283
Stddev	2.001	1.406	.26	.19	.361	.036
%RSD	168.9	100.2	1.035	1.242	28.26	1.597

#1	.7908	.0711	24.79	15.35	1.610	2.262
#2	-1.135	-2.728	25.29	15.73	.8936	2.262
#3	-3.210	-1.552	24.93	15.60	1.332	2.325

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-2-C@4 Acquired: 10/16/2011 19:23:45 Type: Unk

Method: SW84610142011(v3) 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	3.577	2.293	293.6
Stddev	.178	.188	1.1
%RSD	4.972	8.200	.3870

#1	3.582	2.131	292.4
#2	3.751	2.499	294.7
#3	3.396	2.248	293.7

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	2194.2	42754.	4664.5
Stddev	1.3	79.	8.8
%RSD	.05873	.18499	.18873

#1	2192.8	42843.	4658.6
#2	2194.7	42690.	4674.6
#3	2195.2	42729.	4660.3

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12420.	4.950	-.8693	53.63	.4640	1755.
Stddev	71.	.416	.4784	.19	.0792	13.
%RSD	.5691	8.408	55.02	.3534	17.06	.7336
#1	12340.	5.029	-1.315	53.78	.4984	1743.
#2	12460.	4.500	-.3641	53.42	.5202	1753.
#3	12470.	5.321	-.9286	53.70	.3735	1768.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1114	2.310	23.82	7.820	18460.	817.3
Stddev	.0286	.120	.47	1.303	54.	23.7
%RSD	25.71	5.210	1.971	16.67	.2919	2.900
#1	.1256	2.385	23.27	6.481	18470.	837.6
#2	.0784	2.375	24.10	7.895	18400.	823.1
#3	.1302	2.171	24.07	9.085	18510.	791.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk

Method: SW84610142011(v3) 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	1034.	109.3	24.54	7.347	28.73	-.9546
Stddev	1.	.3	15.81	.267	.73	1.403
%RSD	.1015	.2406	64.40	3.640	2.546	146.9

#1	1034.	109.1	14.77	7.640	28.27	-.2775
#2	1033.	109.2	42.78	7.284	28.35	-2.567
#3	1035.	109.6	16.08	7.117	29.58	-.0190

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4319	.7520	31.19	33.57	.9749	2.461
Stddev	2.627	2.137	.60	.32	.3826	.057
%RSD	608.2	284.1	1.936	.9460	39.25	2.333

#1	-3.430	2.370	30.80	33.21	1.287	2.440
#2	.6666	1.556	30.88	33.74	1.089	2.526
#3	1.467	-1.670	31.88	33.77	.5481	2.417

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-3-C@4 Acquired: 10/16/2011 19:27:24 Type: Unk
 Method: SW84610142011(v3) 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	1.632	6.331	320.0
Stddev	.411	.048	2.1
%RSD	25.17	.7620	.6444

#1	1.161	6.320	318.0
#2	1.912	6.289	320.0
#3	1.823	6.384	322.1

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	2205.8	42784.	4728.6
Stddev	1.6	225.	15.8
%RSD	.07301	.52495	.33333

#1	2206.8	42585.	4745.8
#2	2206.6	43027.	4725.3
#3	2203.9	42738.	4714.7

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13590.	5.987	-.3548	60.09	.2771	3860.
Stddev	59.	2.282	.2418	.07	.1052	33.
%RSD	.4358	38.11	68.16	.1246	37.97	.8478

#1	13520.	5.983	-.0762	60.03	.1608	3824.
#2	13600.	8.272	-.4774	60.17	.3047	3869.
#3	13640.	3.708	-.5108	60.07	.3657	3887.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1955	1.338	21.93	4.909	16300.	505.1
Stddev	.0049	.113	.05	2.551	75.	19.1
%RSD	2.485	8.469	.2138	51.96	.4623	3.779

#1	.1983	1.277	21.93	7.841	16260.	484.8
#2	.1983	1.469	21.97	3.684	16250.	522.6
#3	.1899	1.269	21.88	3.202	16390.	508.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) 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	924.5	92.39	16.94	5.876	36.26	-.1537
Stddev	4.3	.35	15.68	.221	1.01	1.095
%RSD	.4658	.3753	92.57	3.755	2.775	712.4

#1	923.1	92.00	21.24	5.729	37.34	1.061
#2	921.1	92.65	30.01	5.769	35.34	-1.066
#3	929.4	92.53	-.4424	6.130	36.09	-.4562

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.415	-2.116	34.07	35.42	1.848	2.070
Stddev	.371	.658	.61	.14	.519	.158
%RSD	26.23	31.10	1.787	.3822	28.07	7.649

#1	1.076	-2.458	33.37	35.54	1.992	2.151
#2	1.811	-2.532	34.48	35.27	2.279	2.171
#3	1.357	-1.357	34.36	35.44	1.272	1.887

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32406-A-4-C@4 Acquired: 10/16/2011 19:31:02 Type: Unk

Method: SW84610142011(v3) 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	2.273	8.073	285.2
Stddev	.187	.072	2.1
%RSD	8.234	.8947	.7402

#1	2.099	7.989	284.6
#2	2.248	8.114	287.6
#3	2.471	8.114	283.5

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	2192.6	42792.	4703.1
Stddev	.4	97.	24.0
%RSD	.01774	.22737	.51119

#1	2192.9	42722.	4680.7
#2	2192.8	42750.	4700.2
#3	2192.2	42903.	4728.5

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119400.	2341.	1196.	9540.	965.4	121700.
Stddev	113.	7.	2.	22.	1.7	584.
%RSD	.0944	.2976	.1724	.2338	.1777	.4801

#1	119500.	2346.	1195.	9522.	967.4	122400.
#2	119400.	2344.	1198.	9565.	964.3	121400.
#3	119300.	2333.	1194.	9532.	964.6	121300.

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	1187.	2369.	4875.	12060.	97430.	47660.
Stddev	3.	6.	4.	24.	95.	246.
%RSD	.2492	.2414	.0907	.2013	.0979	.5155

#1	1185.	2365.	4872.	12090.	97370.	47910.
#2	1191.	2376.	4880.	12040.	97540.	47660.
#3	1186.	2366.	4873.	12070.	97390.	47420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
Method: SW84610142011(v3) 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	122300.	4987.	118300.	2379.	7135.	943.1
Stddev	96.	5.	206.	5.	19.	3.9
%RSD	.0789	.0969	.1741	.1943	.2658	.4107

#1	122300.	4983.	118500.	2376.	7120.	942.1
#2	122400.	4992.	118300.	2385.	7156.	947.4
#3	122200.	4986.	118100.	2377.	7128.	939.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2350.	2385.	2413.	2378.	949.1	2390.
Stddev	11.	7.	3.	6.	3.8	7.
%RSD	.4555	.3068	.1417	.2467	.3971	.2940

#1	2340.	2380.	2409.	2377.	945.1	2383.
#2	2361.	2394.	2416.	2385.	952.6	2397.
#3	2348.	2382.	2414.	2373.	949.7	2390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 19:34:42 Type: QC
 Method: SW84610142011(v3) 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	950.8	4864.	9580.
Stddev	3.5	10.	6.
%RSD	.3635	.2001	.0620

#1	949.0	4876.	9587.
#2	954.8	4859.	9577.
#3	948.6	4859.	9576.

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	1961.1	38371.	4487.0
Stddev	5.4	55.	22.3
%RSD	.27322	.14228	.49737

#1	1966.9	38416.	4467.0
#2	1956.4	38310.	4511.0
#3	1959.9	38386.	4482.9

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.54	-.2737	-.1291	.4134	.1728	14.94
Stddev	9.70	2.253	.4951	.1401	.0667	4.49
%RSD	66.75	823.4	383.6	33.89	38.62	30.06

#1	13.67	-1.952	-.6885	.5147	.2383	10.58
#2	24.64	2.287	.2524	.4718	.1049	14.70
#3	5.297	-1.157	.0489	.2535	.1753	19.55

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0272	.3355	.0465	3.020	5.945	-10.31
Stddev	.0968	.1690	.1350	2.378	4.231	13.13
%RSD	355.5	50.38	290.1	78.74	71.16	127.3

#1	.1359	.4970	.1650	5.763	7.566	-.6541
#2	-.0498	.1598	.0751	1.742	9.126	-25.26
#3	-.0044	.3497	-.1005	1.554	1.144	-5.025

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
Method: SW84610142011(v3) 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	9.071	.3235	34.94	.2620	.2762	2.427
Stddev	3.949	.0850	18.28	.2223	.3812	1.961
%RSD	43.54	26.26	52.33	84.84	138.0	80.80

#1	10.58	.3393	51.90	.4852	-.1632	.1714
#2	12.05	.3995	37.33	.0407	.5171	3.382
#3	4.590	.2318	15.58	.2601	.4748	3.727

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.656	-.8855	.2700	-.2346	-.2419	.8294
Stddev	.337	2.736	.1311	.0668	1.016	.3202
%RSD	20.37	308.9	48.55	28.46	420.0	38.61

#1	1.984	1.619	.3359	-.2436	.8104	1.184
#2	1.673	-.4707	.3551	-.1638	-1.217	.7417
#3	1.310	-3.805	.1191	-.2964	-.3193	.5622

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 19:38:01 Type: QC
 Method: SW84610142011(v3) 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	1.079	.3778	1.206
Stddev	.884	.1615	1.268
%RSD	81.96	42.74	105.2

#1	.6733	.4336	2.670
#2	2.093	.5039	.5030
#3	.4702	.1958	.4451

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	2169.0	41911.	4607.4
Stddev	3.2	142.	34.8
%RSD	.14680	.33779	.75437

#1	2165.6	41979.	4633.5
#2	2169.5	41748.	4568.0
#3	2171.9	42005.	4620.8

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10520.	40.99	-.4407	116.7	.5204	1061.
Stddev	15.	2.23	.0488	.3	.0708	15.
%RSD	.1447	5.443	11.07	.2959	13.60	1.380
#1	10520.	38.57	-.4078	116.5	.4991	1073.
#2	10500.	42.96	-.4967	117.1	.5994	1064.
#3	10530.	41.45	-.4176	116.4	.4628	1045.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.286	14.18	30.89	199.2	40690.	654.1
Stddev	.094	.22	.08	1.8	81.	34.6
%RSD	4.089	1.577	.2430	.8961	.1989	5.295
#1	2.194	14.44	30.95	197.6	40600.	687.5
#2	2.381	14.03	30.80	201.1	40720.	618.3
#3	2.284	14.08	30.91	198.8	40760.	656.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) 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	481.4	78.91	66.67	18.27	1361.	18.06
Stddev	.8	.06	12.44	.14	2.	.81
%RSD	.1660	.0790	18.67	.7709	.1536	4.486

#1	481.8	78.84	66.82	18.16	1359.	18.99
#2	480.5	78.96	79.03	18.43	1363.	17.54
#3	481.9	78.94	54.14	18.23	1362.	17.65

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.299	-2.936	86.59	41.50	2.333	4.018
Stddev	1.046	1.339	.17	.13	.346	.111
%RSD	45.49	45.60	.1929	.3131	14.83	2.752

#1	1.819	-1.959	86.78	41.36	2.452	4.035
#2	3.498	-4.462	86.51	41.51	1.943	4.119
#3	1.579	-2.387	86.48	41.62	2.603	3.900

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-8-A@4 Acquired: 10/16/2011 19:41:46 Type: Unk

Method: SW84610142011(v3) 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	21.51	18.41	309.6
Stddev	1.06	.13	.4
%RSD	4.941	.6855	.1353

#1	20.92	18.44	310.0
#2	20.87	18.28	309.2
#3	22.74	18.53	309.5

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	2224.0	43060.	4810.2
Stddev	4.8	229.	14.8
%RSD	.21455	.53192	.30772

#1	2220.0	42955.	4796.7
#2	2222.6	43323.	4807.8
#3	2229.3	42903.	4826.0

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13340.	30.26	-.4293	75.55	.9795	2940.
Stddev	22.	1.62	.4129	.26	.0730	17.
%RSD	.1632	5.367	96.16	.3460	7.455	.5879
#1	13320.	30.61	-.7916	75.71	.9565	2938.
#2	13360.	31.69	-.5166	75.69	.9208	2957.
#3	13340.	28.49	.0202	75.25	1.061	2923.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.301	5.806	42.44	109.8	35240.	1051.
Stddev	.059	.061	.30	2.6	161.	18.
%RSD	2.567	1.058	.7094	2.385	.4555	1.747
#1	2.360	5.877	42.57	108.4	35360.	1039.
#2	2.301	5.768	42.10	108.1	35060.	1042.
#3	2.242	5.773	42.65	112.8	35300.	1072.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) 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	1874.	196.4	45.36	18.62	2030.	44.47
Stddev	10.	.9	21.60	.33	7.	.97
%RSD	.5329	.4733	47.62	1.787	.3379	2.171
#1	1880.	196.9	51.84	19.00	2032.	43.55
#2	1862.	195.3	21.26	18.37	2036.	44.39
#3	1880.	197.0	62.97	18.48	2023.	45.48

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.663	-3.542	67.12	92.45	2.323	2.862
Stddev	2.372	1.255	.53	.34	.276	.236
%RSD	142.6	35.43	.7911	.3679	11.89	8.258
#1	.7243	-4.067	67.71	92.46	2.591	2.659
#2	-1.694	-2.110	66.67	92.78	2.039	2.806
#3	-4.020	-4.450	66.99	92.10	2.340	3.121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-1-A@4 Acquired: 10/16/2011 19:45:21 Type: Unk

Method: SW84610142011(v3) 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	20.96	19.60	273.7
Stddev	.79	.08	1.8
%RSD	3.783	.4121	.6605

#1	20.09	19.61	275.6
#2	21.64	19.68	272.0
#3	21.14	19.52	273.7

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	2233.5	43322.	4776.2
Stddev	7.0	173.	36.2
%RSD	.31289	.40043	.75701

#1	2229.8	43249.	4781.4
#2	2229.2	43520.	4737.7
#3	2241.6	43196.	4809.4

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12200.	33.10	-.5996	58.63	.8194	3239.
Stddev	67.	1.12	.5414	.25	.0802	17.
%RSD	.5525	3.387	90.29	.4249	9.786	.5228

#1	12230.	34.38	.0110	58.77	.8079	3223.
#2	12250.	32.28	-1.021	58.34	.7456	3257.
#3	12120.	32.66	-.7889	58.77	.9048	3239.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.822	5.970	45.56	55.46	32900.	1214.
Stddev	.075	.167	.32	.38	117.	38.
%RSD	2.674	2.799	.7085	.6885	.3540	3.095

#1	2.869	6.053	45.89	55.57	32800.	1185.
#2	2.735	6.080	45.24	55.77	32860.	1201.
#3	2.861	5.778	45.54	55.03	33030.	1256.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) 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	2277.	191.5	50.44	18.27	2651.	76.24
Stddev	13.	.7	21.14	.21	1.	.38
%RSD	.5777	.3749	41.92	1.139	.0379	.5013

#1	2264.	190.7	49.56	18.15	2651.	76.63
#2	2276.	191.5	29.75	18.15	2652.	76.23
#3	2290.	192.2	72.01	18.51	2650.	75.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7479	-1.772	56.26	96.34	2.578	2.937
Stddev	1.261	1.864	.64	.22	.344	.149
%RSD	168.6	105.2	1.134	.2274	13.36	5.075

#1	-.6321	-3.062	56.30	96.44	2.975	2.991
#2	1.839	.3644	55.61	96.48	2.363	2.769
#3	1.036	-2.619	56.88	96.08	2.395	3.052

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-5-A@4 Acquired: 10/16/2011 19:48:55 Type: Unk

Method: SW84610142011(v3) 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	26.65	15.54	247.7
Stddev	.32	.04	2.0
%RSD	1.202	.2420	.8135

#1	26.50	15.50	249.4
#2	26.43	15.53	248.2
#3	27.02	15.58	245.5

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	2240.4	42885.	4791.3
Stddev	7.2	70.	29.1
%RSD	.32075	.16248	.60637

#1	2233.1	42939.	4782.5
#2	2247.4	42910.	4767.7
#3	2240.9	42806.	4823.8

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23100.	25.65	-.7361	185.3	1.811	5756.
Stddev	118.	1.40	.2288	.6	.028	18.
%RSD	.5104	5.442	31.08	.3117	1.516	.3127
#1	23000.	25.46	-.7837	184.7	1.841	5736.
#2	23060.	27.13	-.4872	185.4	1.788	5761.
#3	23230.	24.36	-.9372	185.9	1.803	5771.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.286	6.340	37.65	85.47	17430.	1130.
Stddev	.162	.068	.54	1.56	34.	29.
%RSD	1.739	1.069	1.441	1.824	.1926	2.587
#1	9.122	6.307	37.05	84.42	17390.	1131.
#2	9.291	6.296	38.09	87.26	17440.	1159.
#3	9.445	6.418	37.83	84.73	17450.	1101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) 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	1706.	100.8	179.2	24.85	1906.	31.48
Stddev	9.	.1	5.6	.31	9.	1.00
%RSD	.5452	.0837	3.149	1.246	.4894	3.168
#1	1695.	100.8	175.9	24.89	1898.	30.39
#2	1711.	100.8	176.0	25.14	1905.	31.71
#3	1711.	100.7	185.7	24.52	1916.	32.34

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.165	-1.770	62.36	72.57	2.429	2.636
Stddev	3.239	1.472	.19	.30	.359	.122
%RSD	77.78	83.18	.3012	.4080	14.79	4.613
#1	.4662	-.6695	62.16	72.42	2.696	2.776
#2	5.531	-1.198	62.38	72.37	2.020	2.553
#3	6.497	-3.442	62.53	72.91	2.569	2.579

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-4-A@4 Acquired: 10/16/2011 19:52:29 Type: Unk

Method: SW84610142011(v3) 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	14.13	28.96	126.8
Stddev	.28	.19	.7
%RSD	1.961	.6428	.5424

#1	14.24	28.75	126.1
#2	13.81	29.02	127.5
#3	14.33	29.10	126.7

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	2279.7	44079.	4964.0
Stddev	5.8	240.	3.4
%RSD	.25265	.54546	.06807

#1	2281.9	43905.	4963.6
#2	2284.0	43980.	4960.8
#3	2273.2	44353.	4967.6

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6544.	19.47	.0586	89.05	.3667	620.1
Stddev	28.	1.21	.8179	.34	.0058	12.3
%RSD	.4250	6.186	1396.	.3774	1.576	1.989

#1	6514.	19.30	-.1895	88.67	.3732	606.7
#2	6548.	20.76	-.6066	89.18	.3649	630.9
#3	6570.	18.37	.9718	89.30	.3621	622.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.204	4.593	18.08	104.9	23970.	327.0
Stddev	.115	.118	.16	3.1	46.	47.7
%RSD	9.509	2.577	.8965	2.918	.1921	14.60

#1	1.110	4.665	18.06	107.2	23920.	356.5
#2	1.332	4.457	18.25	106.2	23980.	271.9
#3	1.170	4.659	17.92	101.4	24010.	352.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk

Method: SW84610142011(v3) 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	355.9	41.68	49.56	12.16	763.9	16.23
Stddev	5.1	.04	7.49	.15	3.8	.23
%RSD	1.425	.1052	15.11	1.260	.4986	1.419

#1	361.6	41.68	47.90	12.13	759.7	16.47
#2	354.0	41.64	57.74	12.03	764.9	16.01
#3	352.0	41.72	43.05	12.33	767.1	16.23

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.707	.3308	50.15	26.91	.7445	2.072
Stddev	.840	1.150	.52	.19	.3052	.038
%RSD	31.03	347.5	1.036	.6950	40.99	1.852

#1	2.272	1.070	50.60	26.73	.9054	2.042
#2	3.676	.9165	50.26	26.91	.9355	2.115
#3	2.174	-.9936	49.58	27.10	.3926	2.058

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-9-B@4 Acquired: 10/16/2011 19:56:03 Type: Unk
 Method: SW84610142011(v3) 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	16.15	10.91	196.1
Stddev	.82	.13	1.4
%RSD	5.051	1.180	.6954

#1	15.78	10.82	197.2
#2	15.59	11.05	194.6
#3	17.09	10.85	196.5

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	2213.1	43157.	4769.1
Stddev	7.2	112.	25.7
%RSD	.32665	.26037	.53938

#1	2221.0	43030.	4760.5
#2	2206.8	43243.	4798.0
#3	2211.5	43199.	4748.8

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13670.	31.96	-.6375	44.79	.9103	2150.
Stddev	10.	1.38	.6748	.14	.1305	15.
%RSD	.0731	4.312	105.9	.3031	14.33	.7127

#1	13680.	31.83	-1.290	44.65	.9141	2132.
#2	13660.	33.39	-.6809	44.83	.7780	2160.
#3	13660.	30.65	.0580	44.91	1.039	2158.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.815	6.788	54.18	35.99	36200.	1297.
Stddev	.093	.312	.37	.45	107.	17.
%RSD	5.127	4.598	.6912	1.249	.2952	1.330

#1	1.803	6.918	54.62	36.44	36130.	1286.
#2	1.728	6.432	54.00	35.97	36150.	1288.
#3	1.913	7.014	53.94	35.55	36330.	1317.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) 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	2468.	230.1	127.5	20.66	2994.	84.22
Stddev	11.	.4	9.8	.29	11.	.33
%RSD	.4261	.1578	7.698	1.420	.3810	.3888

#1	2465.	230.0	130.7	20.42	2981.	84.35
#2	2459.	229.9	116.5	20.99	2997.	84.46
#3	2479.	230.6	135.3	20.58	3003.	83.84

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9451	-.1258	61.50	165.8	2.146	2.394
Stddev	1.272	1.018	.22	.6	.348	.120
%RSD	134.6	809.4	.3600	.3768	16.23	5.016

#1	.4774	.1101	61.72	165.1	1.992	2.262
#2	-1.341	-1.242	61.51	166.4	1.901	2.496
#3	-1.971	.7540	61.28	165.8	2.545	2.426

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-7-A@4 Acquired: 10/16/2011 19:59:39 Type: Unk

Method: SW84610142011(v3) 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	19.90	12.72	294.7
Stddev	.95	.13	1.4
%RSD	4.782	1.015	.4732

#1	19.50	12.58	295.2
#2	20.99	12.76	293.2
#3	19.22	12.83	295.8

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	2225.5	43003.	4745.1
Stddev	3.1	109.	9.7
%RSD	.13975	.25425	.20403

#1	2224.9	42895.	4736.0
#2	2222.8	43114.	4744.0
#3	2228.9	42999.	4755.3

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10760.	80.31	-.6891	55.17	.6059	939.0
Stddev	43.	2.78	.9723	.30	.1193	1.6
%RSD	.4036	3.461	141.1	.5516	19.69	.1750

#1	10740.	77.12	-.5714	54.85	.5234	939.5
#2	10730.	81.59	.2190	55.23	.5517	937.1
#3	10810.	82.22	-1.715	55.45	.7427	940.3

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	1.025	4.354	34.80	40.20	30370.	1019.
Stddev	.059	.265	.43	2.09	53.	5.
%RSD	5.758	6.078	1.243	5.208	.1756	.5274

#1	.9793	4.397	34.34	41.91	30320.	1016.
#2	1.005	4.071	34.86	37.87	30350.	1025.
#3	1.092	4.595	35.20	40.82	30430.	1015.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) 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	1410.	100.2	94.49	11.09	3445.	217.0
Stddev	2.	.1	1.61	.13	16.	1.2
%RSD	.1386	.1119	1.707	1.145	.4525	.5669
#1	1411.	100.3	94.53	10.94	3432.	218.0
#2	1410.	100.1	96.08	11.17	3441.	217.5
#3	1408.	100.3	92.86	11.16	3462.	215.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	.1158	-1.622	52.07	71.11	1.502	2.822
Stddev	2.428	.972	.22	.55	.167	.173
%RSD	2098.	59.91	.4309	.7787	11.11	6.114
#1	2.543	-.5027	51.88	70.47	1.673	2.823
#2	-2.314	-2.112	52.00	71.38	1.339	2.649
#3	.1178	-2.251	52.32	71.47	1.495	2.995

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-6-A@4 Acquired: 10/16/2011 20:03:13 Type: Unk

Method: SW84610142011(v3) 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	35.23	7.998	234.7
Stddev	1.06	.110	1.8
%RSD	2.998	1.369	.7779

#1	34.13	7.954	235.3
#2	35.34	7.918	232.7
#3	36.23	8.123	236.2

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	2219.3	43055.	4757.6
Stddev	2.7	122.	22.3
%RSD	.12338	.28330	.46852

#1	2222.4	42914.	4754.3
#2	2218.3	43134.	4781.4
#3	2217.1	43117.	4737.2

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15680.	40.34	-.9168	96.61	1.192	5798.
Stddev	43.	2.28	.3490	.35	.048	25.
%RSD	.2771	5.643	38.06	.3632	4.038	.4276

#1	15710.	38.17	-.5160	96.28	1.211	5779.
#2	15700.	40.14	-1.081	96.56	1.137	5826.
#3	15630.	42.71	-1.153	96.98	1.228	5789.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.015	8.401	60.50	114.5	44500.	1563.
Stddev	.113	.369	.24	3.2	83.	14.
%RSD	2.801	4.393	.4010	2.798	.1860	.8780

#1	4.045	8.781	60.35	112.8	44460.	1548.
#2	3.890	8.378	60.37	118.2	44440.	1572.
#3	4.109	8.044	60.78	112.6	44590.	1570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk

Method: SW84610142011(v3) 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	3256.	321.0	72.51	33.05	3187.	73.65
Stddev	4.	.8	8.53	.46	13.	1.41
%RSD	.1224	.2372	11.76	1.400	.4122	1.913

#1	3253.	320.6	69.20	32.88	3176.	75.12
#2	3260.	320.5	66.14	32.70	3185.	72.31
#3	3255.	321.9	82.20	33.58	3202.	73.52

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.032	-2.670	78.54	138.7	3.462	5.185
Stddev	.233	1.665	.06	.7	.368	.118
%RSD	22.59	62.34	.0765	.4967	10.62	2.277

#1	1.072	-.7811	78.51	138.3	3.884	5.275
#2	1.243	-3.307	78.61	138.2	3.208	5.228
#3	.7814	-3.922	78.50	139.5	3.295	5.051

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-2-A@4 Acquired: 10/16/2011 20:06:47 Type: Unk
 Method: SW84610142011(v3) 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	31.54	30.55	313.1
Stddev	.71	.14	1.5
%RSD	2.250	.4449	.4650

#1	30.74	30.67	314.8
#2	32.10	30.58	312.2
#3	31.78	30.40	312.3

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	2222.8	43330.	4795.1
Stddev	9.1	99.	18.6
%RSD	.40972	.22919	.38698

#1	2230.5	43319.	4774.0
#2	2225.2	43434.	4802.8
#3	2212.8	43236.	4808.7

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15830.	18.89	-.7535	81.34	1.233	7434.
Stddev	111.	2.53	.9974	.19	.023	33.
%RSD	.7039	13.37	132.4	.2375	1.889	.4502

#1	15700.	18.88	.3169	81.27	1.242	7439.
#2	15860.	21.42	-.9206	81.19	1.207	7399.
#3	15910.	16.37	-1.657	81.56	1.250	7465.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.240	6.206	35.21	32.89	14010.	818.4
Stddev	.015	.131	.43	.76	29.	37.8
%RSD	.2884	2.110	1.208	2.298	.2044	4.624

#1	5.224	6.357	34.98	32.15	13990.	793.7
#2	5.240	6.127	34.95	33.66	14000.	799.4
#3	5.255	6.134	35.70	32.86	14040.	861.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk

Method: SW84610142011(v3) 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	1391.	185.2	148.1	14.70	1467.	27.80
Stddev	4.	.3	17.3	.09	3.	2.33
%RSD	.2924	.1510	11.67	.6149	.1721	8.383

#1	1391.	185.0	164.5	14.60	1464.	26.99
#2	1387.	185.0	149.7	14.78	1468.	25.98
#3	1395.	185.5	130.0	14.72	1468.	30.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-2.381	38.68	49.25	1.342	1.608
Stddev	2.014	2.232	.91	.19	.416	.213
%RSD	154.1	93.74	2.357	.3867	31.05	13.23

#1	-.3031	-4.084	37.69	49.29	1.253	1.621
#2	3.565	.1457	38.87	49.42	.9762	1.389
#3	.6595	-3.205	39.48	49.04	1.795	1.814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32390-A-3-A@5 Acquired: 10/16/2011 20:10:19 Type: Unk
 Method: SW84610142011(v3) 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	5.798	30.28	57.35
Stddev	.735	.12	.69
%RSD	12.67	.3804	1.206

#1	6.598	30.14	56.55
#2	5.153	30.35	57.75
#3	5.644	30.34	57.76

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	2257.1	44383.	4879.8
Stddev	4.1	120.	4.4
%RSD	.18212	.27087	.09065

#1	2257.8	44247.	4884.9
#2	2252.6	44427.	4877.1
#3	2260.8	44476.	4877.3

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5681.	14.94	-1.076	22.47	.6387	232.7
Stddev	24.	1.25	.856	.11	.1166	5.8
%RSD	.4216	8.339	79.55	.4959	18.25	2.503

#1	5655.	13.97	-1.050	22.36	.7045	229.3
#2	5690.	14.50	-1.945	22.47	.7074	229.3
#3	5700.	16.34	-.2336	22.58	.5041	239.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0675	7.609	8.759	.6569	38750.	451.4
Stddev	.0483	.135	.453	2.934	148.	24.6
%RSD	71.57	1.773	5.169	446.6	.3823	5.438

#1	.0124	7.509	8.671	-2.637	38710.	469.3
#2	.1024	7.555	9.249	2.990	38630.	461.6
#3	.0877	7.762	8.357	1.617	38920.	423.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) 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	306.2	56.31	81.42	8.620	6.500	-2.701
Stddev	3.0	.24	3.53	.428	.563	.518
%RSD	.9829	.4342	4.340	4.971	8.665	19.17

#1	308.7	56.14	79.45	8.430	6.807	-2.590
#2	306.9	56.20	79.31	9.111	6.843	-2.247
#3	302.8	56.59	85.50	8.320	5.850	-3.265

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5948	-.1866	69.37	24.17	-1.448	1.432
Stddev	.7928	.9633	.23	.05	.290	.228
%RSD	133.3	516.2	.3328	.2068	20.06	15.93

#1	.2685	-.0421	69.57	24.22	-1.569	1.604
#2	-1.290	.6963	69.12	24.12	-1.117	1.518
#3	-.7626	-1.214	69.43	24.18	-1.659	1.173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32303-F-12-C@4 Acquired: 10/16/2011 20:13:54 Type: Unk

Method: SW84610142011(v3) 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	1.080	6.540	253.5
Stddev	.517	.032	.3
%RSD	47.83	.4958	.1193

#1	1.145	6.548	253.7
#2	.5342	6.505	253.1
#3	1.561	6.568	253.5

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	2217.1	43153.	4723.5
Stddev	4.8	257.	18.7
%RSD	.21510	.59591	.39584

#1	2222.6	43155.	4742.2
#2	2214.7	43409.	4723.3
#3	2214.1	42895.	4704.9

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119100.	2356.	1198.	9554.	964.2	121500.
Stddev	86.	5.	3.	17.	3.3	241.
%RSD	.0722	.2160	.2715	.1802	.3425	.1980

#1	119200.	2350.	1195.	9534.	960.7	121300.
#2	119000.	2357.	1199.	9562.	964.9	121700.
#3	119100.	2360.	1201.	9564.	967.2	121600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1192.	2374.	4894.	12030.	97760.	47690.
Stddev	2.	6.	9.	2.	320.	95.
%RSD	.1807	.2533	.1906	.0179	.3268	.1984

#1	1189.	2367.	4884.	12030.	97460.	47580.
#2	1193.	2377.	4894.	12030.	97730.	47740.
#3	1193.	2378.	4903.	12030.	98090.	47750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
Method: SW84610142011(v3) 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	123100.	5017.	118000.	2387.	7150.	940.2
Stddev	381.	13.	69.	4.	16.	4.2
%RSD	.3097	.2600	.0584	.1597	.2305	.4516

#1	122700.	5009.	118100.	2383.	7131.	939.3
#2	123000.	5010.	118000.	2388.	7159.	936.4
#3	123500.	5032.	118000.	2390.	7160.	944.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	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	2362.	2386.	2421.	2384.	951.6	2394.
Stddev	9.	6.	2.	4.	4.1	5.
%RSD	.3748	.2723	.0986	.1584	.4271	.2175

#1	2356.	2378.	2421.	2380.	946.9	2388.
#2	2372.	2390.	2418.	2387.	953.2	2397.
#3	2358.	2389.	2423.	2386.	954.5	2397.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:17:35 Type: QC
Method: SW84610142011(v3) 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	951.2	4861.	9544.
Stddev	3.0	6.	9.
%RSD	.3143	.1222	.0902

#1	948.4	4856.	9554.
#2	954.3	4861.	9537.
#3	950.8	4868.	9541.

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	1966.9	38213.	4503.5
Stddev	1.5	81.	13.4
%RSD	.07710	.21322	.29750

#1	1965.1	38241.	4518.1
#2	1967.9	38277.	4500.7
#3	1967.5	38122.	4491.8

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.10	-.8268	-.3344	.4144	.1525	-3.619
Stddev	6.53	1.248	.4596	.1203	.0412	16.75
%RSD	36.09	150.9	137.4	29.03	27.01	462.7

#1	16.68	-.2556	-.8021	.5495	.1962	9.570
#2	25.22	-2.258	.1166	.3748	.1469	2.034
#3	12.39	.0330	-.3177	.3189	.1144	-22.46

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0800	.1611	.0203	1.280	8.644	49.35
Stddev	.0671	.2683	.2333	5.585	8.261	5.81
%RSD	83.84	166.5	1152.	436.3	95.56	11.77

#1	.1012	.3348	.1010	7.112	8.467	54.21
#2	.0049	-.1479	-.2427	.7503	.4737	50.93
#3	.1340	.2965	.2025	-4.021	16.99	42.92

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
Method: SW84610142011(v3) 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	4.816	.2509	41.48	.5282	-.1052	-.8842
Stddev	.435	.0947	20.35	.3983	.1028	.6551
%RSD	9.023	37.77	49.07	75.41	97.74	74.09

#1	5.030	.3590	64.96	.3835	-.2137	-.1283
#2	5.102	.1826	28.97	.9786	-.0926	-1.286
#3	4.316	.2111	30.49	.2224	-.0092	-1.239

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2326	.7162	-.0156	-.1666	-.2194	.9423
Stddev	1.476	.9276	.2680	.2092	1.157	.4592
%RSD	634.5	129.5	1715.	125.6	527.5	48.74

#1	1.256	-.1587	.2605	.0380	.6642	1.453
#2	-1.695	1.689	-.2747	-.3802	.2069	.8115
#3	-.2592	.6185	-.0327	-.1575	-1.529	.5626

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:20:55 Type: QC
 Method: SW84610142011(v3) 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	.5877	.2340	.4743
Stddev	.3730	.1774	1.105
%RSD	63.47	75.78	232.9

#1	.2490	.4377	.2796
#2	.5266	.1511	-.5203
#3	.9874	.1134	1.663

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	2175.4	42398.	4617.2
Stddev	6.4	128.	2.7
%RSD	.29420	.30176	.05793

#1	2175.6	42545.	4619.1
#2	2169.0	42340.	4618.3
#3	2181.8	42309.	4614.1

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5085.	1.559	-.9032	41.85	.4843	2323.
Stddev	12.	2.760	.0650	.02	.0369	12.
%RSD	.2452	177.0	7.196	.0368	7.627	.5069
#1	5078.	-.8483	-.8414	41.84	.4844	2313.
#2	5077.	4.572	-.8972	41.87	.5211	2336.
#3	5099.	.9552	-.9710	41.85	.4472	2320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0843	7.492	49.13	14.75	30400.	618.6
Stddev	.1051	.066	.13	2.66	73.	25.8
%RSD	124.7	.8855	.2738	18.00	.2403	4.176
#1	.0933	7.566	49.21	15.87	30330.	600.4
#2	-.0250	7.468	49.21	11.72	30470.	607.2
#3	.1846	7.440	48.98	16.66	30400.	648.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) 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	2157.	348.3	102.2	14.90	76.29	.2889
Stddev	12.	.6	9.8	.19	1.26	.9304
%RSD	.5468	.1681	9.598	1.284	1.649	322.0

#1	2144.	348.1	91.40	14.87	77.07	.7002
#2	2166.	348.9	104.8	14.73	76.96	.9429
#3	2162.	347.8	110.5	15.11	74.84	-.7763

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	.9702	-1.916	46.36	89.45	-1.069	.5213
Stddev	2.048	.579	.14	.23	.445	.1025
%RSD	211.1	30.23	.2960	.2546	41.60	19.66

#1	1.457	-1.528	46.48	89.19	-.8404	.5674
#2	2.731	-1.638	46.40	89.58	-1.582	.5927
#3	-1.277	-2.582	46.21	89.58	-.7851	.4039

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-1-E@4 Acquired: 10/16/2011 20:24:41 Type: Unk

Method: SW84610142011(v3) 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	58.14	5.998	525.9
Stddev	.54	.072	.3
%RSD	.9308	1.205	.0513

#1	58.76	6.015	526.0
#2	57.89	5.919	525.6
#3	57.77	6.060	526.1

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	2213.2	42561.	4712.7
Stddev	1.5	151.	12.6
%RSD	.06576	.35430	.26742

#1	2211.7	42547.	4709.1
#2	2213.4	42418.	4726.7
#3	2214.6	42719.	4702.3

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8000.	2.047	-.6484	89.06	.6377	2392.
Stddev	33.	1.189	.7637	.29	.0379	16.
%RSD	.4063	58.10	117.8	.3293	5.947	.6807

#1	7963.	2.186	.0936	88.73	.6627	2374.
#2	8012.	3.161	-.6068	89.14	.6564	2407.
#3	8024.	.7944	-1.432	89.30	.5941	2394.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2610	11.97	85.23	22.27	33500.	1379.
Stddev	.0650	.24	1.02	3.47	142.	19.
%RSD	24.92	2.037	1.200	15.60	.4230	1.359

#1	.3356	12.10	84.30	19.65	33370.	1363.
#2	.2311	12.13	85.07	26.21	33480.	1375.
#3	.2162	11.69	86.33	20.93	33650.	1399.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) 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	2769.	289.1	120.4	32.22	61.76	.6603
Stddev	12.	1.0	3.8	.24	.76	1.752
%RSD	.4295	.3485	3.182	.7358	1.228	265.4
#1	2756.	288.2	124.3	32.26	62.35	1.818
#2	2771.	288.8	120.3	32.43	60.91	-1.356
#3	2780.	290.2	116.6	31.96	62.04	1.518

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-2.531	-3.054	77.14	152.1	-.9281	1.186
Stddev	2.626	1.703	.29	.3	.5044	.264
%RSD	103.8	55.75	.3817	.1894	54.35	22.25
#1	-4.931	-2.576	77.05	151.8	-.3720	1.491
#2	-2.935	-4.945	77.47	152.4	-1.356	1.026
#3	.2744	-1.642	76.90	152.2	-1.056	1.042

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-2-E@4 Acquired: 10/16/2011 20:28:17 Type: Unk

Method: SW84610142011(v3) 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	5.447	11.97	1067.
Stddev	.359	.10	4.
%RSD	6.593	.8029	.3452

#1	5.511	11.87	1063.
#2	5.769	11.99	1067.
#3	5.060	12.06	1070.

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	2211.2	43151.	4763.7
Stddev	2.5	10.	17.7
%RSD	.11128	.02233	.37248

#1	2211.2	43158.	4776.6
#2	2213.6	43154.	4743.4
#3	2208.7	43140.	4771.0

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39500.	8.087	-1.160	292.8	2.349	5325.
Stddev	235.	2.809	.465	1.4	.087	34.
%RSD	.5945	34.74	40.04	.4756	3.725	.6456

#1	39260.	4.919	-.9248	292.3	2.283	5305.
#2	39500.	10.28	-.8608	291.7	2.315	5306.
#3	39730.	9.066	-1.696	294.3	2.448	5365.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0574	35.22	113.4	48.63	53770.	3559.
Stddev	.0623	.31	1.5	2.45	175.	21.
%RSD	108.5	.8932	1.309	5.040	.3263	.5816

#1	.0140	34.91	113.8	46.49	53600.	3565.
#2	-.1008	35.20	111.8	48.09	53760.	3536.
#3	-.0854	35.54	114.7	51.31	53960.	3576.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) 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	12720.	440.4	273.0	63.34	35.87	-.2664
Stddev	21.	1.9	8.0	.55	.46	1.167
%RSD	.1685	.4284	2.927	.8679	1.277	437.9

#1	12710.	439.3	280.7	63.14	35.35	.8841
#2	12710.	439.2	264.7	62.92	36.17	-.2348
#3	12740.	442.5	273.6	63.96	36.11	-1.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-1.177	-3.985	144.5	135.1	6.071	2.607
Stddev	3.162	.795	.3	.8	.987	.162
%RSD	268.7	19.95	.2028	.6029	16.26	6.194

#1	.8980	-3.070	144.4	134.9	6.820	2.518
#2	-4.816	-4.504	144.3	134.4	6.441	2.793
#3	.3877	-4.380	144.8	136.0	4.953	2.508

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-3-E@4 Acquired: 10/16/2011 20:31:52 Type: Unk

Method: SW84610142011(v3) 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	4.593	41.33	1626.
Stddev	.095	.34	12.
%RSD	2.074	.8277	.7097

#1	4.695	41.01	1613.
#2	4.578	41.29	1629.
#3	4.506	41.69	1636.

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	2271.1	43754.	4875.2
Stddev	5.6	177.	32.1
%RSD	.24528	.40551	.65906

#1	2269.2	43678.	4889.4
#2	2277.3	43957.	4897.8
#3	2266.7	43627.	4838.5

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22670.	10.49	.0410	353.0	1.120	65660.
Stddev	46.	1.39	.1974	.4	.093	267.
%RSD	.2048	13.19	481.1	.1223	8.343	.4060

#1	22720.	12.03	.1383	353.5	1.217	65820.
#2	22670.	10.12	-.1861	352.7	1.031	65820.
#3	22630.	9.335	.1710	352.7	1.112	65360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.680	20.34	192.9	563.0	52180.	1722.
Stddev	.091	.14	.5	2.4	34.	11.
%RSD	1.610	.7009	.2551	.4189	.0651	.6266

#1	5.576	20.51	193.4	563.9	52160.	1728.
#2	5.716	20.25	192.9	564.8	52160.	1729.
#3	5.747	20.27	192.4	560.4	52220.	1709.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) 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	40590.	560.7	474.6	68.52	893.1	18.58
Stddev	44.	.1	3.0	.33	2.7	.72
%RSD	.1094	.0134	.6416	.4795	.3020	3.867
#1	40590.	560.7	476.3	68.90	895.7	17.78
#2	40550.	560.6	471.1	68.39	893.4	18.80
#3	40640.	560.7	476.6	68.29	890.3	19.16

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8489	-4.231	86.73	3773.	24.11	15.36
Stddev	2.409	.439	.33	3.	.07	.38
%RSD	283.7	10.37	.3844	.0803	.2722	2.463
#1	-1.948	-4.279	86.36	3777.	24.12	15.59
#2	-2.512	-4.643	86.82	3772.	24.17	14.92
#3	1.913	-3.770	87.01	3771.	24.04	15.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32125-D-4-E@4 Acquired: 10/16/2011 20:35:24 Type: Unk

Method: SW84610142011(v3) 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	56.95	68.61	579.3
Stddev	.80	.12	.5
%RSD	1.404	.1771	.0935

#1	56.34	68.72	578.7
#2	57.85	68.48	579.8
#3	56.66	68.63	579.3

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	2234.9	43132.	4894.4
Stddev	6.3	128.	32.0
%RSD	.28319	.29783	.65371

#1	2229.5	42987.	4860.4
#2	2241.9	43231.	4899.1
#3	2233.2	43177.	4923.9

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk

Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37250.	13.35	-.4545	1020.	3.098	16880.
Stddev	136.	1.47	.2150	2.	.082	57.
%RSD	.3643	11.05	47.30	.2088	2.642	.3397

#1	37380.	11.73	-.6314	1018.	3.190	16880.
#2	37110.	13.70	-.5169	1020.	3.072	16820.
#3	37250.	14.61	-.2152	1022.	3.032	16940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1783	39.47	90.02	88.65	100700.	6350.
Stddev	.1086	.14	.60	1.07	236.	19.
%RSD	60.91	.3542	.6698	1.209	.2341	.2932

#1	-.2518	39.32	90.13	89.82	100800.	6362.
#2	-.0536	39.50	89.37	88.42	100400.	6329.
#3	-.2297	39.59	90.57	87.72	100800.	6360.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk

Method: SW84610142011(v3) 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	22960.	2537.	660.7	84.98	64.11	-1.408
Stddev	73.	10.	12.2	.56	.52	.909
%RSD	.3190	.3750	1.839	.6545	.8120	64.54

#1	22930.	2531.	659.1	85.21	64.71	-.3870
#2	22900.	2532.	649.4	85.37	63.76	-1.709
#3	23040.	2548.	673.6	84.34	63.85	-2.128

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.112	-10.04	112.6	212.5	16.20	.8501
Stddev	3.803	.21	.4	.3	.15	.1276
%RSD	92.49	2.129	.3179	.1385	.9198	15.01

#1	.2768	-10.25	112.9	212.2	16.02	.7433
#2	-6.167	-10.06	112.2	212.5	16.27	.8157
#3	-6.445	-9.825	112.7	212.8	16.29	.9914

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-32295-A-1-J@4 Acquired: 10/16/2011 20:38:54 Type: Unk
 Method: SW84610142011(v3) 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	5.457	86.52	1605.
Stddev	.127	.14	4.
%RSD	2.322	.1652	.2318

#1	5.555	86.58	1607.
#2	5.314	86.36	1601.
#3	5.501	86.62	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	2268.1	43474.	4886.1
Stddev	3.6	209.	6.7
%RSD	.15776	.48045	.13622

#1	2268.3	43487.	4880.1
#2	2271.5	43676.	4893.2
#3	2264.4	43259.	4884.9

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119000.	2351.	1192.	9517.	968.7	121500.
Stddev	431.	5.	2.	19.	2.9	232.
%RSD	.3624	.1997	.1273	.1961	.2945	.1912

#1	119200.	2351.	1191.	9501.	971.7	121600.
#2	118500.	2346.	1192.	9514.	966.1	121200.
#3	119200.	2355.	1194.	9538.	968.2	121600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1189.	2365.	4892.	12040.	97650.	47700.
Stddev	2.	4.	2.	36.	13.	160.
%RSD	.1829	.1617	.0442	.3016	.0129	.3357

#1	1187.	2361.	4892.	12060.	97640.	47840.
#2	1188.	2365.	4895.	12000.	97660.	47530.
#3	1191.	2369.	4891.	12060.	97670.	47740.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
Method: SW84610142011(v3) 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	123200.	5032.	117900.	2376.	7129.	941.0
Stddev	113.	9.	444.	7.	9.	1.6
%RSD	.0918	.1800	.3762	.2897	.1318	.1675

#1	123100.	5022.	118200.	2370.	7121.	940.8
#2	123300.	5037.	117400.	2374.	7128.	942.7
#3	123200.	5038.	118000.	2384.	7139.	939.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	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	2355.	2374.	2415.	2381.	948.3	2385.
Stddev	5.	14.	1.	4.	4.3	6.
%RSD	.2010	.5807	.0328	.1616	.4530	.2493

#1	2350.	2358.	2416.	2379.	945.0	2379.
#2	2356.	2377.	2414.	2379.	946.8	2385.
#3	2359.	2385.	2416.	2385.	953.1	2391.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/16/2011 20:42:27 Type: QC
 Method: SW84610142011(v3) 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	945.6	4859.	9553.
Stddev	2.7	16.	28.
%RSD	.2844	.3300	.2980

#1	942.5	4870.	9573.
#2	947.0	4841.	9521.
#3	947.2	4867.	9565.

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	1979.5	38276.	4520.7
Stddev	7.8	188.	16.7
%RSD	.39392	.49078	.36963

#1	1986.2	38490.	4526.5
#2	1981.3	38200.	4533.8
#3	1970.9	38138.	4501.9

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
Method: SW84610142011(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.29	-1.187	-.4076	.1544	.1234	.1112
Stddev	19.78	1.448	.7162	.0403	.0849	4.353
%RSD	108.1	122.0	175.7	26.10	68.77	3913.

#1	18.69	-2.783	.3482	.1999	.1624	-4.677
#2	37.87	.0441	-.4948	.1399	.0261	3.831
#3	-1.680	-.8219	-1.076	.1234	.1819	1.180

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0226	.1804	.2657	.4236	1.416	100.1
Stddev	.0708	.1583	.0590	1.347	4.162	13.8
%RSD	313.7	87.78	22.22	318.0	294.0	13.80

#1	.0514	.2821	.3116	1.978	5.542	108.2
#2	.0744	-.0020	.2864	-.3896	-2.782	84.14
#3	-.0581	.2610	.1991	-.3180	1.487	108.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
Method: SW84610142011(v3) 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	3.022	.1422	33.64	.4669	.2162	.6327
Stddev	2.115	.0516	4.59	.3947	1.692	.1044
%RSD	69.97	36.27	13.65	84.54	782.5	16.49

#1	2.910	.1070	38.71	.7813	1.912	.7519
#2	.9661	.2015	29.76	.0239	.2072	.5577
#3	5.191	.1183	32.45	.5955	-1.471	.5884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	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	-2.569	.2783	-.1174	-.1959	-.1583	1.083
Stddev	.909	.4567	.3340	.1472	.7895	.345
%RSD	35.38	164.1	284.5	75.16	498.6	31.87

#1	-3.583	.2936	.2295	-.2544	.7305	1.443
#2	-1.827	-.1859	-.1450	-.0284	-.4275	1.052
#3	-2.297	.7271	-.4367	-.3048	-.7780	.7546

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/16/2011 20:45:47 Type: QC
 Method: SW84610142011(v3) 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	.9439	.1340	.5778
Stddev	.7523	.0823	.9001
%RSD	79.70	61.44	155.8

#1	1.402	.0455	-.4595
#2	.0757	.2083	1.039
#3	1.354	.1482	1.154

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	2179.8	42224.	4609.9
Stddev	8.1	90.	32.2
%RSD	.37162	.21272	.69830

#1	2189.1	42245.	4646.5
#2	2176.0	42302.	4597.5
#3	2174.3	42126.	4585.8

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Standard: 1 Rep: 1				Seq: 1		20:06:18	11 Oct 11	HG	
Hg .000	ppb	254							=
*** Standard: 2 Rep: 1				Seq: 2		20:08:24	11 Oct 11	HG	
Hg .100	ppb	561							=
*** Standard: 3 Rep: 1				Seq: 3		20:10:27	11 Oct 11	HG	
Hg 1.00	ppb	3667							=
*** Standard: 4 Rep: 1				Seq: 4		20:13:24	11 Oct 11	HG	
Hg 2.00	ppb	7087							=
*** Standard: 5 Rep: 1				Seq: 5		20:15:08	11 Oct 11	HG	
Hg 5.00	ppb	17376							=
*** Standard: 6 Rep: 1				Seq: 6		20:18:49	11 Oct 11	HG	
Hg 10.0	ppb	34350							=
*** Check Standard: 3 Ck3AICV				Seq: 7		20:20:44	11 Oct 11	HG	
Line Flag %Rcv. Found True				Units		SD/RSD			
Hg		102.	5.08	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		20:23:23	11 Oct 11	HG	
Line Flag Found Range(+/-)				Units		SD/RSD			
Hg		.012	.200	ppb		.000			=
*** Sample ID:				Seq: 9		20:25:17	11 Oct 11	HG	
			mb 460-89128/10-a						
Hg .010	ppb	.000	.010						=
=====									
*** Sample ID: lcssrm 460				Seq: 10		20:28:05	11 Oct 11	HG	
			-89128/11-a@10						
Hg 5.13	ppb	.000	5.13						=
=====									
*** Sample ID:				Seq: 11		20:29:59	11 Oct 11	HG	
			460-32001-d-7-m						
Hg .017	ppb	.000	.017						=
=====									
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Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Sample ID:				Seq: 12		20:32:06	11 Oct 11	HG	
			460-32001-a-7-e du						
Hg .032	ppb	.000	.032						=
*** Sample ID:				Seq: 13		20:33:51	11 Oct 11	HG	
			460-32001-d-7-n ms						


```

*** Sample ID:                               Seq: 28      21:04:50 11 Oct 11  HG
                                460-32200-b-1-b
Hg      .050      ppb      .000      .050

*** Sample ID:                               Seq: 29      21:07:15 11 Oct 11  HG
                                460-32200-b-2-b
Hg      .027      ppb      .000      .027

*** Sample ID:                               Seq: 30      21:10:05 11 Oct 11  HG
                                460-32200-b-3-b
Hg      .046      ppb      .000      .046

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:11:51 11 Oct 11  HG
Line Flag %Rcv. Found True Units SD/RSD
Hg      105.      5.24  5.00  ppb      .000

*** Check Standard: 1  Ck1ICB/CCB      Seq: 32      21:13:38 11 Oct 11  HG
Line Flag Found Range(+/-) Units SD/RSD
Hg      -.034      .200      ppb      .000

*** Sample ID:                               Seq: 33      21:15:54 11 Oct 11  HG
                                460-32205-b-1-b
Hg      .877      ppb      .000      .877

*** Sample ID:                               Seq: 34      21:17:38 11 Oct 11  HG
                                460-32205-b-2-b
Hg      -.003      ppb      .000      -.003

*** Sample ID:                               Seq: 35      21:19:24 11 Oct 11  HG
                                460-32205-b-3-b
Hg      .034      ppb      .000      .034

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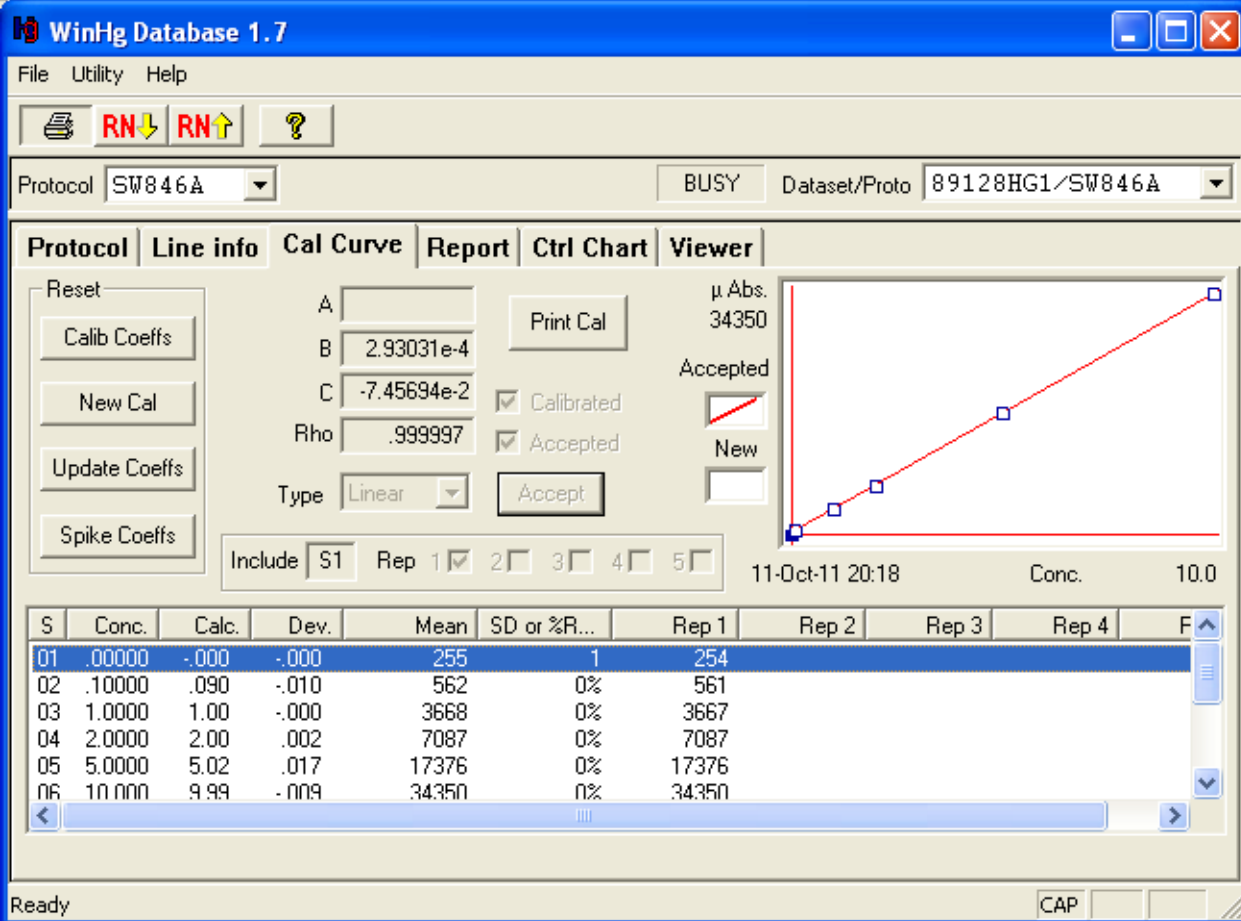
Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:								
Hg	.027	ppb	.000	.027				
*** Sample ID:								
Hg	.017	ppb	.000	.017				
*** Check Standard: 2 Ck2ACCV								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 101. 5.07 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.022 .200 ppb .000								
*** Sample ID:								
Hg	.009	ppb	.000	.009				
=====								
*** Sample ID: lcssrm 460								
Hg	5.15	ppb	.000	5.15				


```

Hg      .214      ppb      .000      .214
*** Sample ID:                      Seq: 57      22:01:19 11 Oct 11      HG
                                     SD 460-32205-b-7-d@5
Hg      -.003      ppb      .000      -.003
*** Check Standard: 2 Ck2ACCV      Seq: 58      22:03:15 11 Oct 11      HG
Line Flag %Rcv. Found True Units SD/RSD
Hg      104.      5.20      5.00      ppb      .000
                                     Folder: 89128HG1      Page 7510
                                     Protocol: SW846A
                                     ***POST-RUN REPORT***
Line  Conc.  Units      SD/RSD      1      2      3      4      5
-----
*** Check Standard: 1 Ck1ICB/CCB      Seq: 59      22:05:09 11 Oct 11      HG
Line Flag Found Range(+/-) Units SD/RSD
Hg      -.015      .200      ppb      .000

```



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		20:06:18	11 Oct 11	HG
Hg .000	ppb	254						
*** Standard: 2 Rep: 1				Seq: 2		20:08:24	11 Oct 11	HG
Hg .100	ppb	561						
*** Standard: 3 Rep: 1				Seq: 3		20:10:27	11 Oct 11	HG
Hg 1.00	ppb	3667						
*** Standard: 4 Rep: 1				Seq: 4		20:13:24	11 Oct 11	HG
Hg 2.00	ppb	7087						
*** Standard: 5 Rep: 1				Seq: 5		20:15:08	11 Oct 11	HG
Hg 5.00	ppb	17376						
*** Standard: 6 Rep: 1				Seq: 6		20:18:49	11 Oct 11	HG
Hg 10.0	ppb	34350						
*** Check Standard: 3			Ck3AICV	Seq: 7		20:20:44	11 Oct 11	HG
Line Flag			Intensities					
Hg			17578					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8		20:23:23	11 Oct 11	HG
Line Flag			Intensities					
Hg			296					
*** Sample ID:				Seq: 9		20:25:17	11 Oct 11	HG
			mb 460-89128/10-a					
Hg .010	ppb	288						

*** Sample ID: lcssrm 460				Seq: 10		20:28:05	11 Oct 11	HG
			-89128/11-a@10					
Hg 5.13	ppb	17755						

*** Sample ID:				Seq: 11		20:29:59	11 Oct 11	HG
			460-32001-d-7-m					
Hg .017	ppb	314						

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 12		20:32:06	11 Oct 11	HG
			460-32001-a-7-e du					
Hg .032	ppb	365						
*** Sample ID:				Seq: 13		20:33:51	11 Oct 11	HG
			460-32001-d-7-n ms					


```

*** Sample ID:                               Seq: 28      21:04:50 11 Oct 11   HG
                                     460-32200-b-1-b
Hg      .050      ppb      426
*** Sample ID:                               Seq: 29      21:07:15 11 Oct 11   HG
                                     460-32200-b-2-b
Hg      .027      ppb      348
*** Sample ID:                               Seq: 30      21:10:05 11 Oct 11   HG
                                     460-32200-b-3-b
Hg      .046      ppb      413
*** Check Standard: 2  Ck2ACCV      Seq: 31      21:11:51 11 Oct 11   HG
Line Flag      Intensities
Hg      18120
*** Check Standard: 1  Ck1ICB/CCB   Seq: 32      21:13:38 11 Oct 11   HG
Line Flag      Intensities
Hg      140
*** Sample ID:                               Seq: 33      21:15:54 11 Oct 11   HG
                                     460-32205-b-1-b
Hg      .877      ppb      3248
*** Sample ID:                               Seq: 34      21:17:38 11 Oct 11   HG
                                     460-32205-b-2-b
Hg      -.003      ppb      245
*** Sample ID:                               Seq: 35      21:19:24 11 Oct 11   HG
                                     460-32205-b-3-b
Hg      .034      ppb      372

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.027	ppb	347					
*** Sample ID:								
Hg	.017	ppb	312					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	.009	ppb	286					
*** Sample ID: lcssrm 460								
Hg	5.15	ppb	17828					

*** Sample ID: Seq: 42 21:33:16 11 Oct 11 HG
 460-32205-b-7-d
 Hg .055 ppb 442
 *** Sample ID: Seq: 43 21:35:03 11 Oct 11 HG
 460-32205-a-7-a du
 Hg .084 ppb 541
 *** Sample ID: Seq: 44 21:37:28 11 Oct 11 HG
 460-32205-b-7-e ms
 Hg 1.05 ppb 3852
 *** Sample ID: Seq: 45 21:39:16 11 Oct 11 HG
 460-32205-b-5-b
 Hg -.014 ppb 208
 *** Sample ID: Seq: 46 21:41:12 11 Oct 11 HG
 460-32205-b-6-b
 Hg .007 ppb 279

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.049	ppb	420					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	.155	ppb	782					
*** Sample ID:								
Hg	.201	ppb	941					
*** Sample ID:								
Hg	.147	ppb	757					
*** Sample ID:								
Hg	.475	ppb	1875					
*** Sample ID:								
Hg	.218	ppb	999					
*** Sample ID:								
Hg	.740	ppb	2781					
*** Sample ID:								
Hg								

$$=$$
$$=$$
$$=$$

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$$=$$

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 1		20:11:54	12 Oct 11	HG	
Hg .000	ppb	234							=
*** Standard: 2 Rep: 1				Seq: 2		20:13:40	12 Oct 11	HG	
Hg .100	ppb	543							=
*** Standard: 3 Rep: 1				Seq: 3		20:16:38	12 Oct 11	HG	
Hg 1.00	ppb	3172							=
*** Standard: 4 Rep: 1				Seq: 4		20:18:22	12 Oct 11	HG	
Hg 2.00	ppb	6096							=
*** Standard: 5 Rep: 1				Seq: 5		20:20:17	12 Oct 11	HG	
Hg 5.00	ppb	15325							=
*** Standard: 6 Rep: 1				Seq: 6		20:22:07	12 Oct 11	HG	
Hg 10.0	ppb	30197							=
*** Check Standard: 3 Ck3AICV				Seq: 7		20:24:22	12 Oct 11	HG	
Line Flag %Rcv. Found True Units SD/RSD									=
Hg 102. 5.12 5.00 ppb .000									
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		20:26:15	12 Oct 11	HG	
Line Flag Found Range(+/-) Units SD/RSD									=
Hg -.043 .200 ppb .000									
*** Sample ID:				Seq: 9		20:28:12	12 Oct 11	HG	
Hg -.008 ppb .000				mb 460-89271/10-a -.008					=
*** Sample ID: lcssrm 460				Seq: 10		20:29:56	12 Oct 11	HG	
Hg 5.24 ppb .000				-89271/11-a@10 5.24					=
*** Sample ID:				Seq: 11		20:32:00	12 Oct 11	HG	
Hg .281 ppb .000				460-32275-a-6-h .281					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 12		20:33:54	12 Oct 11	HG	
Hg .288 ppb .000				460-32275-a-6-i du .288					=
*** Sample ID:				Seq: 13		20:35:42	12 Oct 11	HG	
				460-32275-a-6-j ms					=


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*** Sample ID:                      Seq: 28      21:06:43 12 Oct 11  HG
                                460-32128-d-6-b
Hg      .122      ppb      .000      .122

*** Sample ID:                      Seq: 29      21:09:20 12 Oct 11  HG
                                460-32128-d-7-b
Hg      .118      ppb      .000      .118

*** Sample ID:                      Seq: 30      21:12:15 12 Oct 11  HG
                                460-32130-d-9-a
Hg      1.37      ppb      .000      1.37

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:13:58 12 Oct 11  HG
Line Flag %Rcv. Found True Units SD/RSD
Hg      108.      5.39  5.00  ppb      .000

*** Check Standard: 1  Ck1ICB/CCB  Seq: 32      21:15:43 12 Oct 11  HG
Line Flag Found Range(+/-) Units SD/RSD
Hg      -.041      .200      ppb      .000

*** Sample ID:                      Seq: 33      21:17:41 12 Oct 11  HG
                                460-32242-a-1-h
Hg      .533      ppb      .000      .533

*** Sample ID:                      Seq: 34      21:19:25 12 Oct 11  HG
                                460-32243-a-1-f
Hg      .205      ppb      .000      .205

*** Sample ID:                      Seq: 35      21:21:09 12 Oct 11  HG
                                460-32125-d-1-d
Hg      .034      ppb      .000      .034

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:								
Hg	.059	ppb	.000	.059				
*** Sample ID:								
Hg	.003	ppb	.000	.003				
*** Check Standard: 2 Ck2ACCV								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 102. 5.11 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.004 .200 ppb .000								
*** Sample ID:								
Hg	-.005	ppb	.000	-.005				
=====								
*** Sample ID: lcssrm 460								
Hg	5.53	ppb	.000	5.53				

*** Sample ID: Seq: 42 21:36:57 12 Oct 11 HG
 460-32121-a-22-b
 Hg .014 ppb .000 .014
 *** Sample ID: Seq: 43 21:38:43 12 Oct 11 HG
 460-32121-a-22-c du
 Hg .001 ppb .000 .001
 *** Sample ID: Seq: 44 21:40:33 12 Oct 11 HG
 460-32121-a-22-d ms
 Hg 1.05 ppb .000 1.05
 *** Sample ID: Seq: 45 21:42:33 12 Oct 11 HG
 460-32125-d-3-d
 Hg .041 ppb .000 .041
 *** Sample ID: Seq: 46 21:44:18 12 Oct 11 HG
 460-32125-d-4-d
 Hg .673 ppb .000 .673

Folder: 89271HG1
 Protocol: SW846A
 POST-RUN REPORT

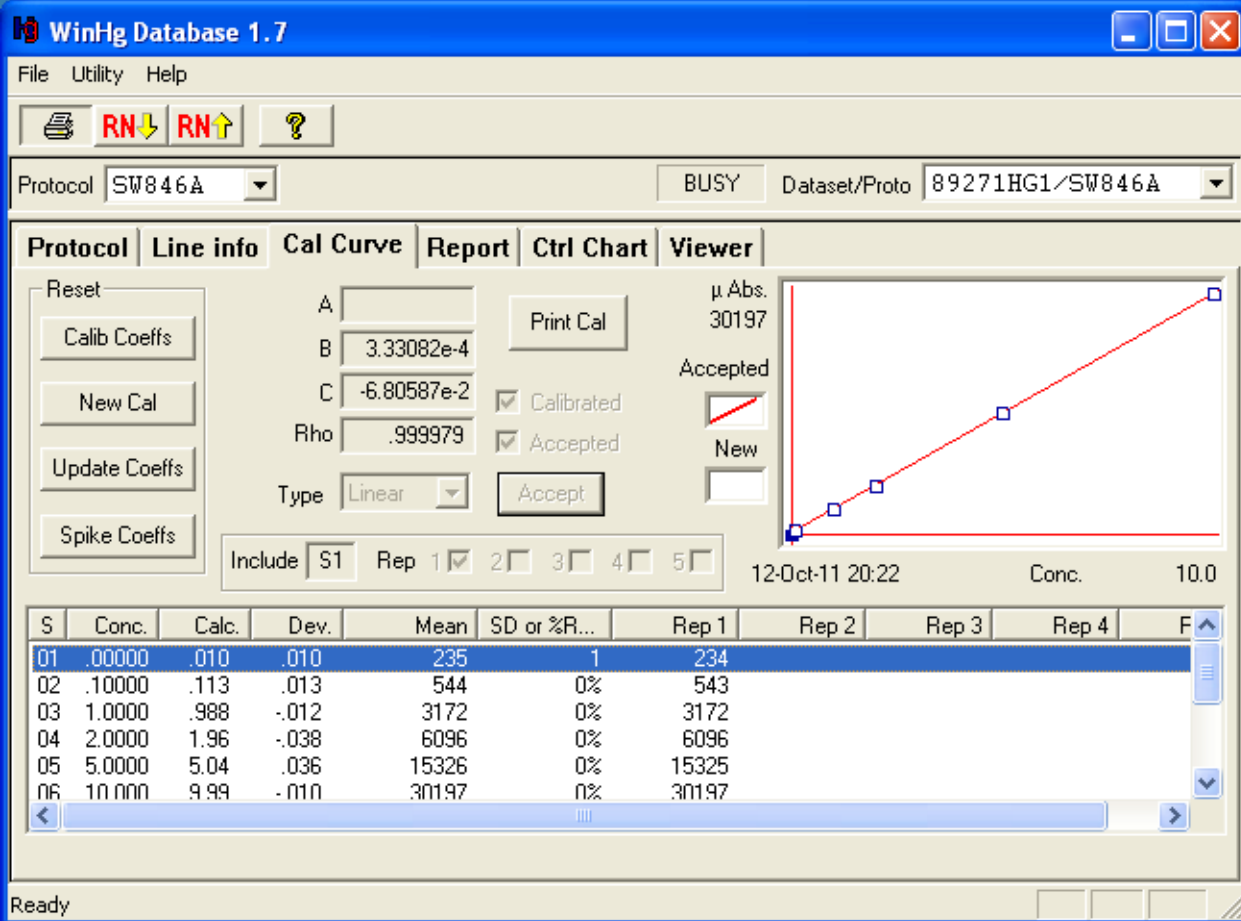
Page 7521

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	1.65	ppb	.000	1.65				
*** Sample ID:								
Hg	.282	ppb	.000	.282				
*** Sample ID:								
Hg	.135	ppb	.000	.135				
*** Check Standard: 2	Ck2ACCV							
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		105.	5.25	5.00	ppb	.000		
*** Check Standard: 1	Ck1ICB/CCB							
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.007	.200	ppb	.000			
*** Sample ID:								
Hg	.007	ppb	.000	.007				
*** Sample ID:								
Hg	.094	ppb	.000	.094				
*** Sample ID:								
Hg	.091	ppb	.000	.091				
*** Sample ID:								
Hg	3.97	ppb	.000	3.97				
*** Sample ID:								
Hg								

```

Hg      .057      ppb      .000      .057
*** Sample ID:                      Seq: 57      22:07:48 12 Oct 11      HG      =
                                     460-32121-a-25-b
Hg      .039      ppb      .000      .039
*** Sample ID:                      Seq: 58      22:09:37 12 Oct 11      HG      =
                                     460-32121-a-27-b
Hg      .039      ppb      .000      .039
                                     Folder: 89271HG1
                                     Protocol: SW846A
                                     ***POST-RUN REPORT***
                                     Page 7522
Line   Conc.   Units   SD/RSD   1       2       3       4       5
-----
*** Sample ID:                      Seq: 59      22:11:26 12 Oct 11      HG
                                     460-32121-a-28-b
Hg      .013      ppb      .000      .013
*** Sample ID:                      Seq: 60      22:13:11 12 Oct 11      HG
                                     SD 460-32121-a-22-b@
Hg      -.038      ppb      .000      -.038
*** Check Standard: 2  Ck2ACCV      Seq: 61      22:15:00 12 Oct 11      HG
Line   Flag   %Rcv.   Found   True   Units   SD/RSD
Hg      103.    5.17    5.00    ppb      .000
*** Check Standard: 1  Ck1ICB/CCB   Seq: 62      22:16:48 12 Oct 11      HG
Line   Flag   Found Range(+/-) Units   SD/RSD
Hg      -.052    .200      ppb      .000

```



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 1		20:11:54	12 Oct 11	HG
Hg	.000	ppb	234					
*** Standard: 2 Rep: 1				Seq: 2		20:13:40	12 Oct 11	HG
Hg	.100	ppb	543					
*** Standard: 3 Rep: 1				Seq: 3		20:16:38	12 Oct 11	HG
Hg	1.00	ppb	3172					
*** Standard: 4 Rep: 1				Seq: 4		20:18:22	12 Oct 11	HG
Hg	2.00	ppb	6096					
*** Standard: 5 Rep: 1				Seq: 5		20:20:17	12 Oct 11	HG
Hg	5.00	ppb	15325					
*** Standard: 6 Rep: 1				Seq: 6		20:22:07	12 Oct 11	HG
Hg	10.0	ppb	30197					
*** Check Standard: 3			Ck3AICV	Seq: 7		20:24:22	12 Oct 11	HG
Line Flag			Intensities					
Hg			15578					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8		20:26:15	12 Oct 11	HG
Line Flag			Intensities					
Hg			74					
*** Sample ID:				Seq: 9		20:28:12	12 Oct 11	HG
				mb 460-89271/10-a				
Hg	-.008	ppb	181					

*** Sample ID: lcssrm 460				Seq: 10		20:29:56	12 Oct 11	HG
				-89271/11-a@10				
Hg	5.24	ppb	15927					

*** Sample ID:				Seq: 11		20:32:00	12 Oct 11	HG
				460-32275-a-6-h				
Hg	.281	ppb	1047					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 12		20:33:54	12 Oct 11	HG
				460-32275-a-6-i du				
Hg	.288	ppb	1070					
*** Sample ID:				Seq: 13		20:35:42	12 Oct 11	HG
				460-32275-a-6-j ms				


```

*** Sample ID:                               Seq: 28      21:06:43 12 Oct 11  HG
                                460-32128-d-6-b
Hg      .122      ppb      570

*** Sample ID:                               Seq: 29      21:09:20 12 Oct 11  HG
                                460-32128-d-7-b
Hg      .118      ppb      558

*** Sample ID:                               Seq: 30      21:12:15 12 Oct 11  HG
                                460-32130-d-9-a
Hg      1.37      ppb      4330

*** Check Standard: 2  Ck2ACCV      Seq: 31      21:13:58 12 Oct 11  HG
Line Flag      Intensities
Hg      16386

*** Check Standard: 1  Ck1ICB/CCB      Seq: 32      21:15:43 12 Oct 11  HG
Line Flag      Intensities
Hg      80

*** Sample ID:                               Seq: 33      21:17:41 12 Oct 11  HG
                                460-32242-a-1-h
Hg      .533      ppb      1804

*** Sample ID:                               Seq: 34      21:19:25 12 Oct 11  HG
                                460-32243-a-1-f
Hg      .205      ppb      819

*** Sample ID:                               Seq: 35      21:21:09 12 Oct 11  HG
                                460-32125-d-1-d
Hg      .034      ppb      306

```

Folder: 89271HG1
Protocol: SW846A
POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.059	ppb	381					
*** Sample ID:								
Hg	.003	ppb	214					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	-.005	ppb	189					
*** Sample ID: lcssrm 460								
Hg	5.53	ppb	16808					

*** Sample ID: Seq: 42 21:36:57 12 Oct 11 HG
 460-32121-a-22-b
 Hg .014 ppb 247
 *** Sample ID: Seq: 43 21:38:43 12 Oct 11 HG
 460-32121-a-22-c du
 Hg .001 ppb 206
 *** Sample ID: Seq: 44 21:40:33 12 Oct 11 HG
 460-32121-a-22-d ms
 Hg 1.05 ppb 3370
 *** Sample ID: Seq: 45 21:42:33 12 Oct 11 HG
 460-32125-d-3-d
 Hg .041 ppb 328
 *** Sample ID: Seq: 46 21:44:18 12 Oct 11 HG
 460-32125-d-4-d
 Hg .673 ppb 2225

Folder: 89271HG1
 Protocol: SW846A
 POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg 1.65 ppb			5165					
*** Sample ID:								
Hg .282 ppb			1052					
*** Sample ID:								
Hg .135 ppb			611					
*** Check Standard: 2								
Line Flag			Ck2ACCV					
Hg			Intensities					
			15974					
*** Check Standard: 1								
Line Flag			Ck1ICB/CCB					
Hg			Intensities					
			183					
*** Sample ID:								
Hg .007 ppb			226					
*** Sample ID:								
Hg .094 ppb			488					
*** Sample ID:								
Hg .091 ppb			479					
*** Sample ID:								
Hg 3.97 ppb			12130					
*** Sample ID:								

Hg	.057	ppb	376						=
*** Sample ID:				Seq: 57	22:07:48	12 Oct 11	HG		
				460-32121-a-25-b					
Hg	.039	ppb	321						=
*** Sample ID:				Seq: 58	22:09:37	12 Oct 11	HG		
				460-32121-a-27-b					
Hg	.039	ppb	320						=
				Folder: 89271HG1			Page 7516		
				Protocol: SW846A					
				POST-RUN REPORT					
Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 59	22:11:26	12 Oct 11	HG		
				460-32121-a-28-b					
Hg	.013	ppb	243						=
*** Sample ID:				Seq: 60	22:13:11	12 Oct 11	HG		
				SD 460-32121-a-22-b@					
Hg	-.038	ppb	90						=
*** Check Standard: 2	Ck2ACCV			Seq: 61	22:15:00	12 Oct 11	HG		
Line Flag									
Hg									=
*** Check Standard: 1	Ck1ICB/CCB			Seq: 62	22:16:48	12 Oct 11	HG		
Line Flag									
Hg									

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89155 Batch Start Date: 10/12/11 07:35 Batch Analyst: Chen, MandiBatch Method: 3050B Batch End Date: 10/12/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026	ME_LCSS_62 00014		
MB 460-89155/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-89155/2		3050B, 6010B		1.00 g	50 mL		1 g		
460-32001-A-7 DU		3050B, 6010B	T	1.08 g	50 mL				
460-32001-D-7 MS		3050B, 6010B	T	1.05 g	50 mL	2 mL			
460-32128-D-13	FB-17338-100411- MM-138	3050B, 6010B	T	1.01 g	50 mL				

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K11J09
Lot # of hydrochloric acid	K14068
Logbook ID for diluted Nitric	MPR180
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.: 460-32128-1

SDG No.: _____

Batch Number: 89479 Batch Start Date: 10/14/11 07:24 Batch Analyst: Chen, MandiBatch Method: 3050B Batch End Date: 10/14/11 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026	ME_LCSS_62 00014		
MB 460-89479/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-89479/2		3050B, 6010B		1.00 g	50 mL		1 g		
460-32275-A-6 DU		3050B, 6010B	T	1.10 g	50 mL				
460-32275-A-6 MS		3050B, 6010B	T	1.06 g	50 mL	2 mL			
460-32128-D-6	SO-17338-100411- MM-131	3050B, 6010B	T	1.07 g	50 mL				
460-32128-D-7	SO-17338-100411- MM-132	3050B, 6010B	T	1.04 g	50 mL				

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K11J09
Lot # of hydrochloric acid	K14068
Logbook ID for diluted Nitric	MPR180
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.: 460-32128-1

SDG No.: _____

Batch Number: 89128 Batch Start Date: 10/11/11 17:45 Batch Analyst: Staib, ThomasBatch Method: 7471A Batch End Date: 10/11/11 19:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00646	ME_DQCS-INT 00342	ME_LCSS_62 00014	
ICV 460-89128/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-89128/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-89128/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-89128/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-32001-A-7 DU		7471A, 7471A	T	0.60 g	100 mL				
460-32001-D-7 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-32128-D-13	FB-17338-100411- MM-138	7471A, 7471A	T	0.60 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01382
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01380
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01379
NaCL Lot #	HgR01382
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01381

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 89271 Batch Start Date: 10/12/11 18:00 Batch Analyst: Staib, ThomasBatch Method: 7471A Batch End Date: 10/12/11 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00647	ME_DQCS-INT 00343	ME_LCSS_62 00014	
ICV 460-89271/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-89271/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-89271/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-89271/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-32275-A-6 DU		7471A, 7471A	T	0.60 g	100 mL				
460-32275-A-6 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-32128-D-6	SO-17338-100411-MM-131	7471A, 7471A	T	0.63 g	100 mL				
460-32128-D-7	SO-17338-100411-MM-132	7471A, 7471A	T	0.62 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01382
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01380
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01379
NaCL Lot #	HgR01382
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01381
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: 460-32128-1
SDG No.: _____
Project: Former GM

Client Sample ID	Lab Sample ID
SO-17338-100411-MM-126	460-32128-1
SO-17338-100411-MM-127	460-32128-2
SO-17338-100411-MM-128	460-32128-3
SO-17338-100411-MM-129	460-32128-4
SO-17338-100411-MM-130	460-32128-5
SO-17338-100411-MM-131	460-32128-6
SO-17338-100411-MM-132	460-32128-7
SO-17338-100411-MM-133	460-32128-8
SO-17338-100411-MM-134	460-32128-9
SO-17338-100411-MM-135	460-32128-10
SO-17338-100411-MM-136	460-32128-11
SO-17338-100411-MM-137	460-32128-12
FB-17338-100411-MM-138	460-32128-13

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-32128-1
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: 460-32128-1
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.: 460-32128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 10/10/2011 21:19 End Date: 10/11/2011 01:27

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			00:49																		
ZZZZZZ			00:49																		
ZZZZZZ			00:49																		
ZZZZZZ			01:27																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 88990 Batch Start Date: 10/10/11 21:19 Batch Analyst: Smith, Anthony GBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-32128-D-1	SO-17338-100411-MM-126	Moisture	T	174	1.03 g	5.57 g	4.69 g		
460-32128-D-2	SO-17338-100411-MM-127	Moisture	T	175	1.01 g	5.70 g	5.03 g		
460-32128-D-2 DU	SO-17338-100411-MM-127	Moisture	T	176	0.99 g	5.20 g	4.50 g		
460-32128-D-3	SO-17338-100411-MM-128	Moisture	T	177	0.96 g	5.25 g	4.53 g		
460-32128-D-4	SO-17338-100411-MM-129	Moisture	T	178	0.94 g	5.88 g	4.95 g		
460-32128-D-5	SO-17338-100411-MM-130	Moisture	T	179	0.99 g	5.32 g	4.20 g		
460-32128-D-6	SO-17338-100411-MM-131	Moisture	T	180	0.99 g	5.32 g	4.59 g		
460-32128-D-7	SO-17338-100411-MM-132	Moisture	T	181	1.00 g	5.69 g	4.82 g		
460-32128-D-8	SO-17338-100411-MM-133	Moisture	T	182	1.02 g	5.60 g	4.79 g		
460-32128-D-9	SO-17338-100411-MM-134	Moisture	T	183	1.03 g	5.50 g	4.87 g		
460-32128-D-10	SO-17338-100411-MM-135	Moisture	T	184	1.00 g	5.91 g	4.93 g		
460-32128-D-11	SO-17338-100411-MM-136	Moisture	T	185	0.99 g	5.74 g	5.30 g		
460-32128-D-12	SO-17338-100411-MM-137	Moisture	T	186	0.99 g	5.61 g	4.75 g		
460-32128-D-12 DU		Moisture	T	187	1.02 g	5.27 g	4.58 g		
460-32128-D-13	FB-17338-100411-MM-138	Moisture	T	188	1.01 g	5.72 g	5.72 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	10/11/2011
Oven Temp when samples are put in oven	Oven 1 104 Oven 2 105 Degrees C
Time samples were place in the oven	11:00
Date samples were removed from oven	10/10/11
Oven Temp when samples removed from oven	101, 99 Degrees C
ID number of the thermometer	Oven 1 1895 Oven 2 1840

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-32128-1

SDG No.: _____

Batch Number: 88990 Batch Start Date: 10/10/11 21:19 Batch Analyst: Smith, Anthony GBatch Method: Moisture Batch End Date: _____

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ____ of ____

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) ONE'S PARTN		Samplers Name (Printed) M. MYLET, C. GREGG		Site/Project Identification FOR RIVER		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Company ONE'S PARTN		P.O. # 17338		Regulatory Program: DUREC		LAB USE ONLY Project No: 32128	
Address ONE'S PARTN		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)		Job No: 32128	
City BUFFALO	State NY	Phone 116-856-2142		Fax 116-856-2142		Sample Numbers	
Sample Identification		Date	Time	Matrix	No. of Cont.	Sample Numbers	
SO-17338-100411-MW-136		10/4/11	1105	SO	3	11	
SO-17338-100411-MW-137		10/4/11	1110	SO	3	12	
FB-17338-100411-MW-138		10/4/11	1230	SO	3	13	
TB-17338-100411-MW-139		10/4/11	1235	SO	1	14	
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH		Soil:		Water:			
6 = Other		7 = Other					

Special Instructions

HOLD ALL SAMPLES

Water Metals Filtered (Yes/No)?

Relinquished by [Signature]	Company CRA	Date / Time 10/11/11	Received by [Signature]	Company [Signature]
Relinquished by [Signature]	Company ONE'S PARTN	Date / Time 10/11/11 1315	Received by [Signature]	Company ONE'S PARTN
Relinquished by [Signature]	Company ONE'S PARTN	Date / Time 10/11/11 1720	Received by [Signature]	Company ONE'S PARTN
Relinquished by [Signature]	Company ONE'S PARTN	Date / Time 10/11/11 1840	Received by [Signature]	Company ONE'S PARTN

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

2.55
2.95
2.50

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-32128-1

Login Number: 32128

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.	N/A	
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	2.5/2.9° C IR #50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	