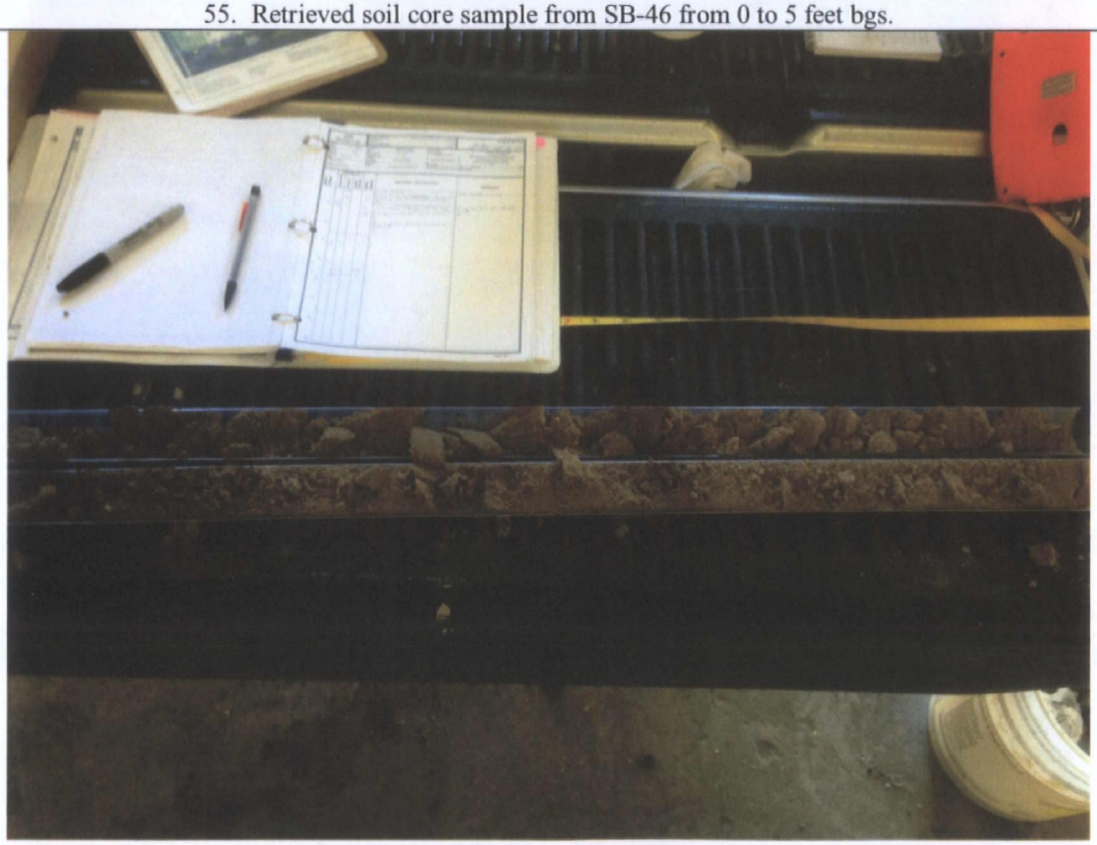
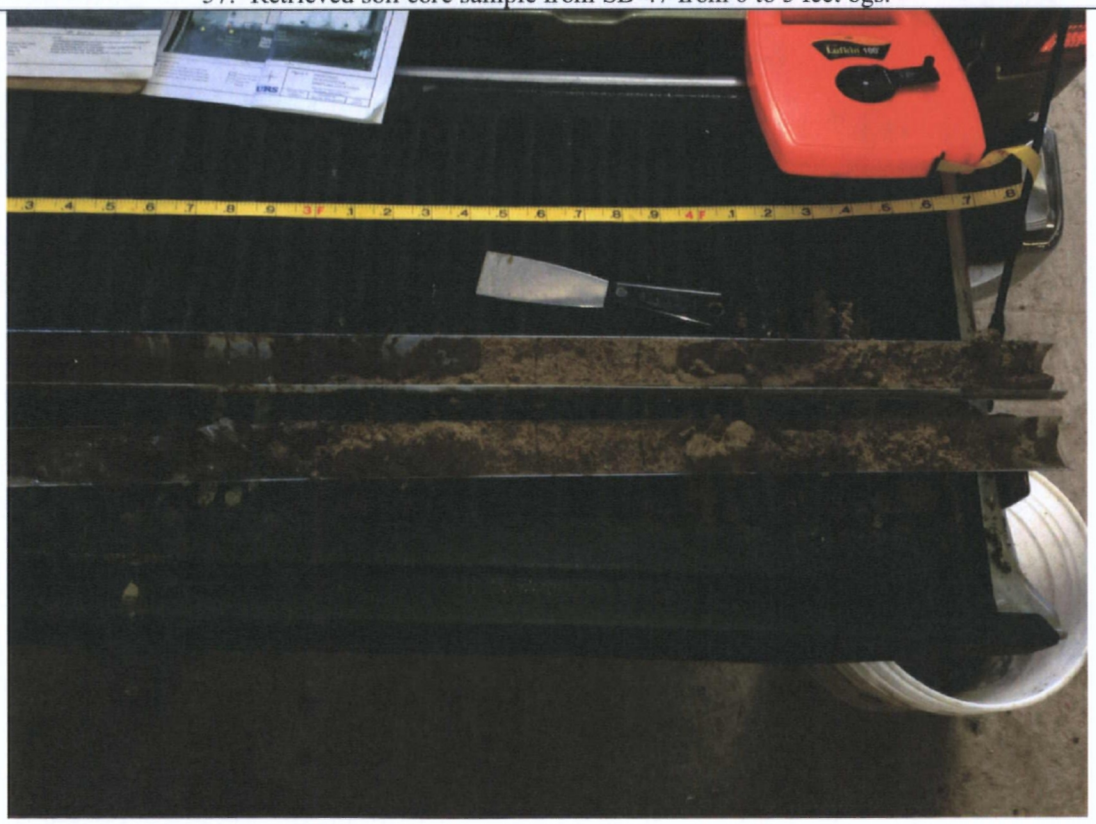
55. Retrieved soil core sample from SB-46 from 0 to 5 feet bgs.



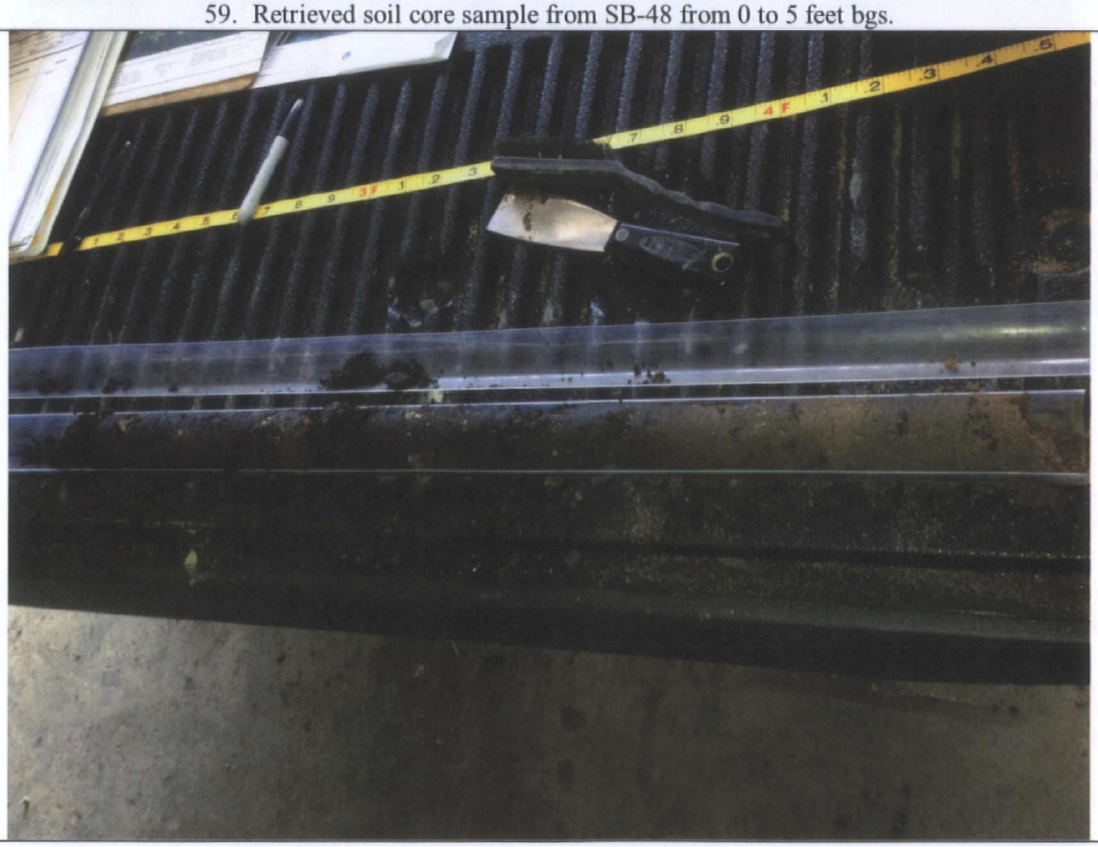
56. Retrieved soil core sample from SB-46 from 5 to 10 feet bgs.

57. Retrieved soil core sample from SB-47 from 0 to 5 feet bgs.



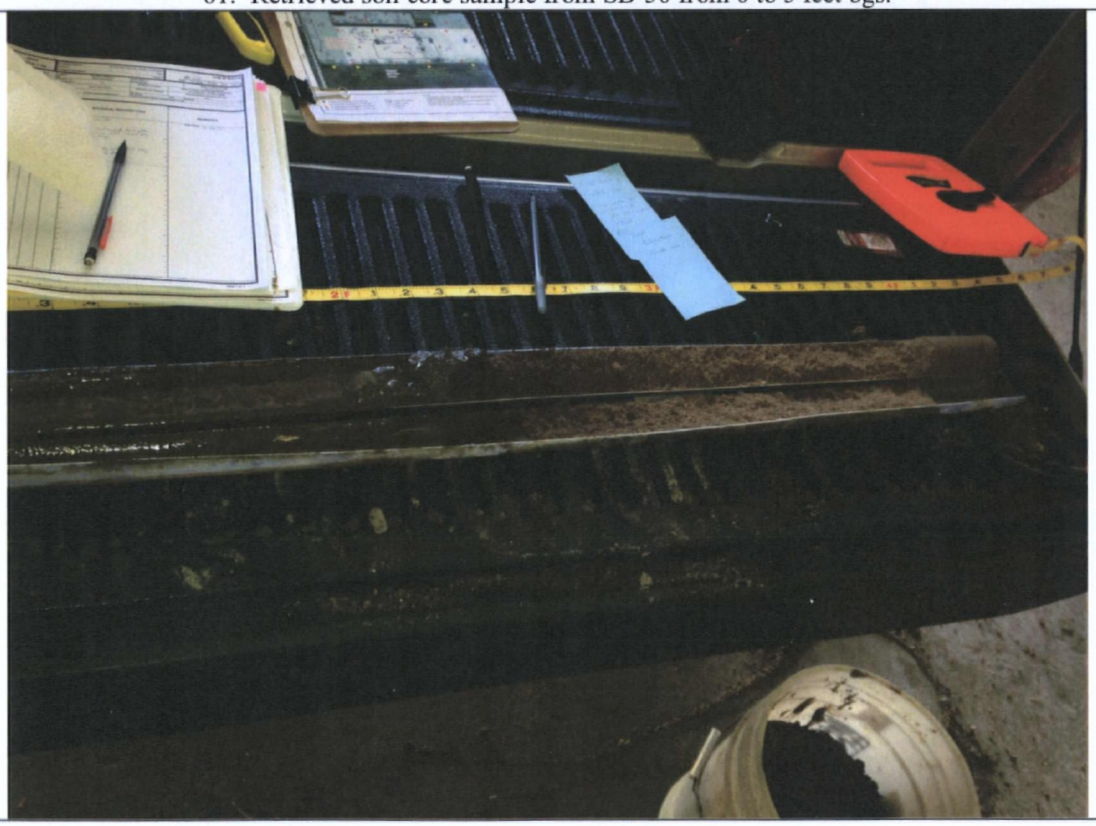
58. Retrieved soil core sample from SB-47 from 5 to 10 feet bgs.

59. Retrieved soil core sample from SB-48 from 0 to 5 feet bgs.



60. Retrieved soil core sample from SB-49 from 0 to 5 feet bgs.

61. Retrieved soil core sample from SB-50 from 0 to 5 feet bgs.



62. Retrieved soil core sample from SB-50 from 5 to 10 feet bgs.

63. Retrieved soil core sample from SB-52 from 0 to 5 feet bgs.

64. Retrieved soil core sample from SB-52 from 5 to 10 feet bgs.

Attachment D
Data Validation and Laboratory Reports

Data Validation report and Qualified Datasheets

Moline Street PCB Site Investigation and Removal Action
Data Review Summary

Sample Delivery Group: 280-52430-1, 280-53332-1, 280-53458-1
Sampling Date: February 17, 19, 20, and 24, 2014
Data Reviewer: Sheri Fling Date Completed: April 16, 2014
Peer Reviewer: Geoffrey Webb Date Completed: April 17, 2014

The table below summarizes the data package and sample identifications discussed in this data review.

Sample Identification	Sample Type	Laboratory Identification	Sample Matrix	PCBs (Method 8082A)	TCLP* (VOCs – Method 8260B and Metals – Method 6010C/7470A)
280-52430-1					
D-CI-15.5-LAB	SA	280-52430-1	Wipe	X	
C-WI-4-LAB	SA	280-52430-2	Wipe	X	
F-WI-3-LAB	SA	280-52430-3	Wipe	X	
H-WI-4-LAB	SA	280-52430-4	Wipe	X	
I-FI-0-LAB	SA	280-52430-5	Wipe	X	
Blank	Blank Wipe	280-52430-6	Wipe	X	
C-SOIL-LIGHT	SA	280-52430-7	Soil	X^m	
C-SOIL-DARK	SA	280-52430-8	Soil	X	
280-53332-1					
SB-03-4.5	SA	280-53332-1	Soil	X	
SB-11-1.5	SA	280-53332-2	Clay	X^m	
SB-20-1.5	SA	280-53332-3	Soil	X	
SB-22-1	SA	280-53332-4	Soil	X	
SB-23-3	SA	280-53332-5	Clay	X	
SB-24-1.5	SA	280-53332-6	Soil	X	
SB-25-5.5	SA	280-53332-7	Clay	X	
SB-30-3	SA	280-53332-8	Soil	X	
SB-30-4-5	SA	280-53332-9	Soil		X
SB-31-0.5	SA	280-53332-10	Soil	X	
SB-32-1.5	SA	280-53332-11	Soil	X	
SB-40-3	SA	280-53332-12	Soil	X	
SB-40-4	SA	280-53332-13	Soil	X	

Sample Identification	Sample Type	Laboratory Identification	Sample Matrix	PCBs (Method 8082A)	TCLP* (VOCs – Method 8260B and Metals – Method 6010C/7470A)
SB-43-3	SA	280-53332-14	Clay	X	
SB-44-4.5	SA	280-53332-15	Soil	X	
SB-45-4.5	SA	280-53332-16	Soil	X	
SB-43-3-FD	FD	280-53332-17	Clay	X	
SB-47-2	SA	280-53332-18	Clay	X	
SB-47-9	SA	280-53332-19	Soil	X[m]	
SB-47-3-5	SA	280-53332-20	Soil		X
SB-50-5	SA	280-53332-21	Soil	X	
SB-52-5	SA	280-53332-22	Clay	X	
280-53458-1					
SB-03-0	SA	280-53458-1	Concrete	X[m]	
SB-05-0	SA	280-53458-2	Concrete	X	
SB-06-0	SA	280-53458-3	Wood	X	
SB-11-0	SA	280-53458-4	Concrete	X	
SB-12-0	SA	280-53458-5	Concrete	X	
SB-13-0	SA	280-53458-6	Concrete	X	
SB-14-0	SA	280-53458-7	Concrete	X	
SB-15-0	SA	280-53458-8	Concrete	X	
SB-16-0	SA	280-53458-9	Concrete	X	
SB-17-0	SA	280-53458-10	Concrete	X	
SB-18-0	SA	280-53458-11	Concrete	X	
SB-20-0	SA	280-53458-12	Concrete	X	
SB-21-0	SA	280-53458-13	Concrete	X	
SB-22-0	SA	280-53458-14	Concrete	X	
SB-23-0	SA	280-53458-15	Concrete	X	
SB-24-0	SA	280-53458-16	Concrete	X	
SB-25-0	SA	280-53458-17	Concrete	X	
SB-26-0	SA	280-53458-18	Concrete	X	
SB-27-0	SA	280-53458-19	Concrete	X	
SB-28-0	SA	280-53458-20	Concrete	X	
SB-29-0	SA	280-53458-21	Concrete	X	

Sample Identification	Sample Type	Laboratory Identification	Sample Matrix	PCBs (Method 8082A)	TCLP* (VOCs – Method 8260B and Metals – Method 6010C/7470A)
SB-30-0	SA	280-53458-22	Concrete	X^m	
SB-31-0	SA	280-53458-23	Concrete	X	
SB-32-0	SA	280-53458-24	Concrete	X	
SB-33-0	SA	280-53458-25	Concrete	X	
SB-34-0	SA	280-53458-26	Concrete	X	
SB-35-0	SA	280-53458-27	Concrete	X	
SB-40-0	SA	280-53458-28	Concrete	X	
SB-41-0	SA	280-53458-29	Concrete	X	
SB-42-0	SA	280-53458-30	Concrete	X	
SB-43-0	SA	280-53458-31	Concrete	X	
SB-44-0	SA	280-53458-32	Concrete	X	
SB-45-0	SA	280-53458-33	Concrete	X	
SB-46-0	SA	280-53458-34	Concrete	X	
SB-47-0	SA	280-53458-35	Concrete	X	
SB-48-0	SA	280-53458-36	Concrete	X	
SB-49-0	SA	280-53458-37	Concrete	X	
SB-50-0	SA	280-53458-38	Concrete	X	
SB-51-0	SA	280-53458-39	Concrete	X	
SB-52-0	SA	280-53458-40	Concrete	X	

Sample Type: SA – Sample FD - Field Duplicate X^m - Matrix Spike/Matrix Spike Duplicate
Analyses: PCBs – Polychlorinated Biphenyls
TCLP – Toxicity Characteristic Leaching Procedure (Method 1311)
VOCs – Volatile Organic Compounds
*TCLP results were not reviewed.

This report contains the final results of the data review conducted for soil and wipe samples collected in February 2014 for Moline Street PCB Site Investigation and Removal Action. The sample results were presented in three data package. The data review was conducted in accordance with the Quality Assurance Project Plan, Moline Street PCB Site Investigation and Removal Action (URS, February 2014) and evaluation of laboratory criteria, as applicable.

General Overall Assessment:

_____ Data are usable without qualification.
__X__ Data are usable with qualification (noted below).
_____ Some or all data are unusable for any purpose (detailed below).

Case Narrative Comments: Any case narrative comments concerning data qualification were addressed in the table below.

Trace level detects, reported between the method detection limit (MDL) and the reporting limit (RL), have been qualified as estimated (J SQL-I). All other exceptions are covered in the following table.

Review Parameter	Criteria Met?	Comment
Chain of Custody (COC) & Sample Receipt	No	The samples were received by TestAmerica in good condition and were consistent with the accompanying chain of custody (COC). The cooler temperatures upon receipt were within the recommended ≤6°C temperature range. **280-53332-1** Samples SB-30-4-5 and SB-47-3-5 were received with headspace in the sample containers for TCLP VOCs. The laboratory proceeded with analysis as the results were sufficient for waste characterization. The diesel range organic and gasoline range organic analyses requested on the COC were cancelled by the client. **280-53458-1** Some of the concrete core samples were picked up from the laboratory as laboratory was unable to break off the requested depth on the sample. The client was able have the drillers cut of the requested depth and the samples were resubmitted under COC to the laboratory to proceed with the requested analyses. Due to insufficient sample volume for SB-06-0, the results were reported on an "as received basis" and not correct for moisture content.
Holding Times	Yes	All samples were analyzed within the method required holding time.
Laboratory Blanks • Method Blank	No	With the exceptions listed in Table 1, target analytes were not detected within the method blank or the blank wipe.
Matrix Quality Control • Matrix Spike/ Matrix Spike Duplicate C-SOIL-LIGHT SB-11-1.5 SB-47-9 SB-03-0 SB-30-0 • Laboratory Duplicate C-Soil-Dark (percent moisture)	No	**Matrix Spike/ Matrix Spike Duplicate (MS/MSD)** With the exceptions listed in Table 2, the MS/MSD recoveries and relative percent differences (RPDs) met quality control criteria. Results in the native sample greater than four times the concentration of the spike added during digestions are not considered to be a representative measure of accuracy. Further action or qualification of data was not considered necessary. The MS/MSD recoveries could not be calculated for both PCB-1016 and PCB-1260 for sample C-SOIL-LIGHT, SB-11-1.5 and SB-03-0 (PCB-1016 only) due to the samples being diluted beyond the laboratory's ability to quantitate recoveries **Laboratory Duplicate** The RPD between the parent and laboratory duplicate for percent moisture for sample C-Soil-Dark exceed the QAPP criterion of ≤35%, with an RPD of 90%. The percent moisture result for sample C-Soil-Dark was qualified as estimated (J D-I).

Review Parameter	Criteria Met?	Comment
Laboratory Performance • Laboratory Control Sample	Yes	The LCS recoveries met quality control criteria.
Method Quality Control • Surrogates	No	With the exceptions listed in Table 3, all of the surrogate recoveries were within the laboratory specified acceptance criteria for the site samples. In some instances, these surrogate recoveries could not be calculated due to the samples being diluted beyond the laboratory's ability to quantitate recoveries. The surrogate recoveries were flagged with "D" by the laboratory.
Field Quality Control • Field Duplicate SB-43-3/SB-43-3-FD	Yes	**Field Duplicate** The comparison between results of the field duplicate pair met the criteria listed below. Data qualification was not required. • When both the sample and duplicate values are >5x the RL acceptable sampling and analytical precision is indicated by an RPD between the results of ≤50%. • Where the result for one or both analytes of the field duplicate pair is <5xRL, satisfactory precision is indicated if the absolute difference between the field duplicate results is <3.5xRL.
Reporting limits met?	No	Due to dilutions, several results were reported as non-detect at elevated reporting limits and will need to be evaluated by the end user of the data with respect to project objectives. Samples underwent acid clean-up when necessary due to matrix interferences. The following samples required dilutions due to high analyte concentrations or matrix interferences. **280-52430-1** C-SOIL-DARK was diluted as the extract was biphasic with a viscous opaque brown layer topped with less viscous yellow layer requiring multiple acid cleanups and centrifuging. C-SOIL-LIGHT required a dilution to high target analyte concentrations.. **280-53332-1** SB-11-1.5, SB-20-1.5, SB-23-3, SB-30-3, SB-31-0.5, SB-32-1.5, SB-40-3, SB-40-4, SB-43-3, SB-44-4.5, SB-45-4.5, SB-43-2-FD, SB-47-2, SB-47-9, SB-50-5, and SB-52-5 required a dilution due to high target analyte concentrations. **280-53458-1** SB-03-0. SB-05-0, SB-06-0, SB-13-0, SB-14-0, SB-18-0, SB-20-0, SB-24-0, SB-26-0. SB-27-0, SB-29-0, SB-31-0, SB-32-0, SB-33-0, SB-34-0, SB-35-0, SB-40-0, SB-41-0. SB-42-0, SB-43-0, SB-44-0, SB-45-0, SB-46-0, SB-47-0, SB-49-0, SB-50-0, SB-51-0, and SB-52-0 required a dilution due to high target analyte concentrations.
Package Completeness	Yes	The results are usable as qualified for the project objective. The data are 100% complete.
Other Parameters	No	The following samples contain a mixture of PCB-1248 and PCB-1254 due to these PCBs having shared peaks.. **280-52430-1 -** C-SOIL-LIGHT **280-53332-1** – SB-03-4.5, SB-11-1.5, SB-20-1.5, SB-23-3, SB-24-1.5, SB-25-5.5, SB-32-1.5, SB-40-3, SB-40-4, SB-43-3, SB-44-4.5, SB-45-4.5, SB-

Review Parameter	Criteria Met?	Comment
		43-3-FD, SB-47-2, SB-47-9, SB-50-5, and SB52-5 **280-53458-1 –** SB-03-0, SB-11-0, SB-12-0, SB-13-0, SB-14-0, SB-15-0, SB-16-0, SB-18-0, SB-21-0, SB-22-0, SB-23-0, SB-24-0, SB-25-0, SB-26-0, SB-27-0, SB-28-0, SB-29-0, SB-30-0, SB-31-0, SB-32-0, SB-33-0, SB-34-0, SB-35-0, SB-42-0, SB-43-0, SB-44-0, SB-45-0, SB-46-0, SB-48-0, SB-49-0, SB-50-0, SB-51-0, and SB-52-0. For the above data packages, the sample results were qualified and reported as PCB-1248. Therefore, the PCB-1248 and PCB-1254 results were qualified as estimated (NJ/UJ ID-I) with an indeterminate bias. If the PCB-1248 result was qualified as nondetect based on method blank contamination, both results were qualified as estimated (UJ ID-I). **280-53458-1 –** SB-05-0, SB-17-0, SB-20-0, SB-40-0, SB-41-0. For the data package above, the sample results were qualified and reported as PCB-1254. Therefore, the PCB-1248 and PCB-1254 results were qualified as estimated (NJ/UJ ID-I) with an indeterminate bias.

> - Greater Than
< - Less Than
≤ - Less Than or Equal to
± - Plus or Minus
°C – Degrees Celsius
% - Percent
COC – Chain of Custody
D - Duplicate
ID – Identification
I - Indeterminate
LCS – Laboratory Control Sample
MS/MSD – Matrix Spike/ Matrix Spike Duplicate
NJ – Tentatively Identified
QAPP – Quality Assurance Project Plan
PCBs – Polychlorinated Biphenyls
RL – Reporting Limit
RPDs – Relative Percent Differences
TCLP – Toxicity Characteristic Leaching Procedure
UJ – Estimated Nondetect
VOCs – Volatile Organic Compounds

Table 1:
Blank Outliers and Resultant Data Qualification

Associated Samples	Analyte	Concentration	Qualification
280-53332-1			
MB Batch 280-217997/1-A	PCB-1248 Total PCB	65.3 µg/kg	The associated results reported at concentrations <5x the concentration of the blank contamination and multiplied by the sample dilution were qualified as non-detect at the reporting concentration (U MB-I). These elevated reporting limits will need to be evaluated with respect to the project objectives
MB Batch 280-218458/1-A	PCB-1248 Total PCB	30.0 µg/kg	

< - Less Than
MB – Method Blank
µg/kg – Micrograms per kilogram
PCBs – Polychlorinated Biphenyls
I – Indeterminate
U – Non-detect

Table 2:
MS/MSD Recovery and RPD Outliers and Resultant Data Qualification

Associated Sample	Analyte	%R* (Limits)	RPD (Limit)	Qualification
280-53332-1				
SB-47-9	PCB-1016	**2120/1802** (54-132)	16 (36)	None. All the associated results were reported as nondetect and the potential bias is considered to be high.
	PCB-1260	**500/423** (62-129)	16 (44)	
280-53458-1				
SB-03-3	PCB-1260	**1061/1084 (32-129)**	2 (44)	None. All the associated results were reported as nondetect and the potential bias is considered to be high.

%R – Percent Recoveries % - Percent MS/MSD – Matrix Spike Matrix Spike Duplicate
RPD – Relative Percent Difference
*There is evidence of matrix interference on the chromatograms.

Table 3:
Surrogate Recovery Outliers and Resultant Data Qualification

Associated Sample	Surrogate	%R(Limits)	Qualification
280-52430-1			
F-WI-3-LAB	Decachlorobiphenyl	45 (57-121)	All PCB result s for sample F-WI-3_LAB were qualified as estimated (J/UJ SUR-L) to reflect the potential low bias.
280-53332-1			
SB-25-5.5	Decachlorobiphenyl	54 (59-130)	All PCB result s for sample SB-25-5.5 were qualified as estimated (J/UJ SUR-L) to reflect the potential low bias.
280-53458-1			
SB-25-0	Decachlorobiphenyl	57 (59-130)	All PCB result s for sample SB-25--0 were qualified as estimated (J/UJ SUR-L) to reflect the potential low bias.
SB-30-0 SB-30-0 MS SB-30-0 MSD	Decachlorobiphenyl	53 (59-130) 49 (59-130) 54 (59-130)	All PCB result s for sample SB-30-0 were qualified as estimated (J/UJ SUR-L) to reflect the potential low bias demonstrated by the surrogate recovery in the parent samples and confirmed by the surrogate recoveries for matrix spike and matrix spike duplicate.

%R – percent recovery SUR – Surrogate Recovery
L – Low J/UJ – estimated/estimated nondetect
PCBs – Polychlorinated Biphenyls

Corrections to Sample Dates/Times

The following corrections were made to sample dates and times inaccurately documented in the submitted chain of custody:

Sample ID	Date	Time
SB-15-0	3/17/2014	**1525**
SB-16-0	**3/17/2014**	1455
SB-21-0	**3/17/2014**	1510
SB-24-0	**3/18/2014**	1002
SB-24-1.5	**3/18/2014**	1120
SB-28-0	**3/18/2014**	1515
SB-33-0	**3/18/2014**	1505

Bolded entries were corrected

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: D-CI-15.5-LAB

Lab Sample ID: 280-52430-1

Date Collected: 02/24/14 09:45
Date Received: 02/24/14 14:40

Matrix: Wipe

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		3.0	0.64	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1016	ND		2.0	0.31	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1232	ND		2.0	0.31	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1242	ND		2.0	0.55	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1248	ND		2.0	0.20	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1254	13		2.0	0.24	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1260	ND		2.0	0.16	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1262	ND		2.0	0.67	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1268	ND		2.0	0.24	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
Polychlorinated biphenyls, Total	13		2.0	0.16	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98		56 - 113	02/24/14 21:27	02/27/14 10:50	2
DCB Decachlorobiphenyl	88		57 - 121	02/24/14 21:27	02/27/14 10:50	2

Client Sample ID: C-WI-4-LAB

Lab Sample ID: 280-52430-2

Date Collected: 02/24/14 11:00
Date Received: 02/24/14 14:40

Matrix: Wipe

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1254 J SQL-I	0.42	J	1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
Polychlorinated biphenyls, Total J SQL-I	0.42	J	1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		56 - 113	02/24/14 21:27	02/27/14 11:11	1
DCB Decachlorobiphenyl	96		57 - 121	02/24/14 21:27	02/27/14 11:11	1

Client Sample ID: F-WI-3-LAB

Lab Sample ID: 280-52430-3

Date Collected: 02/24/14 12:10
Date Received: 02/24/14 14:40

Matrix: Wipe

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 UJ SUR-L	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1254 J SQL, SUR-L	0.38	J	1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1260 UJ - SUR-L	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1262 UJ SUR-L	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1

4-14-14 DA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: F-WI-3-LAB

Lab Sample ID: 280-52430-3
Matrix: Wipe

Date Collected: 02/24/14 12:10
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
Polychlorinated biphenyls, Total	0.38	J	1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1

UJ - SURL
J SQL, SURL

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		56 - 113	02/24/14 21:27	02/27/14 11:33	1
DCB Decachlorobiphenyl	45	X	57 - 121	02/24/14 21:27	02/27/14 11:33	1

Client Sample ID: H-WI-4-LAB

Lab Sample ID: 280-52430-4
Matrix: Wipe

Date Collected: 02/24/14 12:40
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		15	3.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1016	ND		10	1.5	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1232	ND		10	1.5	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1242	ND		10	2.7	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1248	ND		10	1.0	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1254	57		10	1.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1260	ND		10	0.80	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1262	ND		10	3.4	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1268	ND		10	1.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
Polychlorinated biphenyls, Total	57		10	0.80	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92	D	56 - 113	02/24/14 21:27	02/27/14 11:54	10
DCB Decachlorobiphenyl	99	D	57 - 121	02/24/14 21:27	02/27/14 11:54	10

Client Sample ID: I-FI-0-LAB

Lab Sample ID: 280-52430-5
Matrix: Wipe

Date Collected: 02/24/14 13:00
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1248	5.4		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1254	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
Polychlorinated biphenyls, Total	5.4		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		56 - 113	02/24/14 21:27	02/27/14 12:15	1
DCB Decachlorobiphenyl	64		57 - 121	02/24/14 21:27	02/27/14 12:15	1

4-14-14
DCF

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: BLANK

Lab Sample ID: 280-52430-6
Matrix: Wipe

Date Collected: 02/24/14 00:00
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1254	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
Polychlorinated biphenyls, Total	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		56 - 113	02/24/14 21:27	02/27/14 12:37	1
DCB Decachlorobiphenyl	90		57 - 121	02/24/14 21:27	02/27/14 12:37	1

Client Sample ID: C-SOIL-LIGHT

Lab Sample ID: 280-52430-7
Matrix: Solid
Percent Solids: 97.5

Date Collected: 02/24/14 13:25
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1300	450	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1016	ND		950	150	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1232	ND		950	150	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1242	ND		950	260	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1248 NJ ID-I	3100		950	160	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1254 UJ ID-I	ND		950	160	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1260	ND		950	76	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1262	ND		950	330	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1268	ND		950	110	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
Polychlorinated biphenyls, Total	3100		950	76	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-6	X D	53 - 128	02/25/14 09:30	03/01/14 01:25	30
DCB Decachlorobiphenyl	-2	X D	59 - 130	02/25/14 09:30	03/01/14 01:25	30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			02/26/14 15:33	1

Client Sample ID: C-SOIL-DARK

Lab Sample ID: 280-52430-8
Matrix: Solid
Percent Solids: 97.7

Date Collected: 02/24/14 13:30
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		450000	150000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1016	ND		320000	49000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1232	ND		320000	49000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1242	ND		320000	88000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1248	ND		320000	54000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000

4-14-14 SCS

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: C-SOIL-DARK

Date Collected: 02/24/14 13:30
Date Received: 02/24/14 14:40

Lab Sample ID: 280-52430-8
Matrix: Solid
Percent Solids: 97.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		320000	53000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1260	ND		320000	25000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1262	ND		320000	110000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1268	ND		320000	38000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
Polychlorinated biphenyls, Total	ND		320000	25000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X D*	*53 - 128*	*02/25/14 09:30*	*03/01/14 02:36*	*10000*
DCB Decachlorobiphenyl	*0*	*X D*	*59 - 130*	*02/25/14 09:30*	*03/01/14 02:36*	*10000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.3	J D-I	0.10	0.10	%			02/26/14 15:33	1

4-14-14 DA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-03-4.5

Date Collected: 03/17/14 12:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-1
Matrix: Solid
Percent Solids: 85.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		53	18	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1016	ND		38	5.8	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1232	ND		38	5.8	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1242	ND		38	10	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1248	ND		38	6.4	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1254	ND		38	6.3	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1260	ND		38	3.0	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1262	ND		38	13	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
PCB-1268	ND		38	4.5	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1
Polychlorinated biphenyls, Total	ND		38	3.0	ug/Kg	☼	03/26/14 14:22	03/28/14 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*03/26/14 14:22*	*03/28/14 18:36*	*1*
DCB Decachlorobiphenyl	*80*		*59 - 130*	*03/26/14 14:22*	*03/28/14 18:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			03/21/14 21:04	1

Client Sample ID: SB-11-1.5

Date Collected: 03/17/14 15:20
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-2
Matrix: Solid
Percent Solids: 79.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		59000	20000	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1016	ND		41000	6400	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1232	ND		41000	6400	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1242	ND		41000	11000	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1248 UJ MB-J ID-I	120000	B	120,000 ~~41000~~	120,000 ~~11000~~	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1254 UJ ID-I	ND		41000	6900	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1260	ND		41000	3300	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1262	ND		41000	15000	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
PCB-1268	ND		41000	4900	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000
Polychlorinated biphenyls, Total U MB-I	120000	B	120,000 ~~41000~~	~~3300~~ 120,000	ug/Kg	☼	03/26/14 14:22	03/27/14 22:28	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*D X*	*53 - 128*	*03/26/14 14:22*	*03/27/14 22:28*	*1000*
DCB Decachlorobiphenyl	*0*	*D X*	*59 - 130*	*03/26/14 14:22*	*03/27/14 22:28*	*1000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20		0.10	0.10	%			03/21/14 21:04	1

Client Sample ID: SB-20-1.5

Date Collected: 03/18/14 10:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-3
Matrix: Solid
Percent Solids: 89.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		210	69	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4

4-15-14 JA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-20-1.5

Date Collected: 03/18/14 10:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-3
Matrix: Solid
Percent Solids: 89.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		150	23	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1232	ND		150	23	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1242	ND		150	41	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1248 UJ MB, ID-I	370	B	370 ~~150~~	370 ~~25~~	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1254 UJ ID-I	ND		150	25	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1260	ND		150	12	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1262	ND		150	52	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
PCB-1268	ND		150	18	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4
Polychlorinated biphenyls, Total U MB-I	370	B	370 ~~150~~	370 ~~12~~	ug/Kg	☼	03/26/14 14:22	03/27/14 23:32	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92	D	53 - 128	03/26/14 14:22	03/27/14 23:32	4
DCB Decachlorobiphenyl	84	D	59 - 130	03/26/14 14:22	03/27/14 23:32	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			03/21/14 21:04	1

Client Sample ID: SB-22-1

Date Collected: 03/18/14 10:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-4
Matrix: Solid
Percent Solids: 88.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		52	17	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1016	ND		37	5.7	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1232	ND		37	5.7	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1242	ND		37	10	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1248 U MB-I	47	B	47 ~~37~~	47 ~~6.5~~	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1254	ND		37	6.2	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1260	ND		37	3.0	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1262	ND		37	13	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
PCB-1268	ND		37	4.4	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1
Polychlorinated biphenyls, Total U MB-I	47	B	47 ~~37~~	47 ~~3.0~~	ug/Kg	☼	03/26/14 14:22	03/27/14 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		53 - 128	03/26/14 14:22	03/27/14 23:53	1
DCB Decachlorobiphenyl	71		59 - 130	03/26/14 14:22	03/27/14 23:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			03/21/14 21:04	1

Client Sample ID: SB-23-3

Date Collected: 03/19/14 14:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-5
Matrix: Solid
Percent Solids: 82.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		280	91	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1016	ND		190	30	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5

4-15-14 MA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-23-3

Date Collected: 03/19/14 14:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-5
Matrix: Solid
Percent Solids: 82.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		190	30	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1242	ND		190	53	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1248 NJ ID-I	1400	B	~~1400~~ 190	~~190~~	~~1400~~ 53 ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1254 UJ ID-I	ND		190	32	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1260	ND		190	16	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1262	ND		190	68	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
PCB-1268	ND		190	23	ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5
Polychlorinated biphenyls, Total	1400	B	~~1400~~ 190	~~190~~	16 ~~16~~ ug/Kg	☼	03/26/14 14:22	03/28/14 00:14	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90	D	53 - 128	03/26/14 14:22	03/28/14 00:14	5
DCB Decachlorobiphenyl	70	D	59 - 130	03/26/14 14:22	03/28/14 00:14	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-24-1.5

Date Collected: 03/20/14 11:20
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-6
Matrix: Solid
Percent Solids: 89.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		51	17	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1016	ND		36	5.5	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1232	ND		36	5.5	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1242	ND		36	9.9	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1248 UJ MB-I ID-I	120	B	120 ~~36~~	120 ~~6.1~~	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1254 UJ ID-I	ND		36	6.0	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1260	ND		36	2.9	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1262	ND		36	13	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
PCB-1268	ND		36	4.3	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1
Polychlorinated biphenyls, Total U MB-I	120	B	120 ~~36~~	120 ~~2.9~~	ug/Kg	☼	03/26/14 14:22	03/28/14 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		53 - 128	03/26/14 14:22	03/28/14 00:36	1
DCB Decachlorobiphenyl	69		59 - 130	03/26/14 14:22	03/28/14 00:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-25-5.5

Date Collected: 03/19/14 15:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-7
Matrix: Solid
Percent Solids: 88.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 UJ SUR-L	ND		49	16	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1016 ↓ ↓	ND		34	5.3	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1232	ND		34	5.3	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1

4-15-14 TRA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-25-5.5

Date Collected: 03/19/14 15:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-7
Matrix: Solid
Percent Solids: 88.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242 UJ SUR-C	ND		34	9.5	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1248 ~~U MB-I~~ UJ SUR, MB-I	130	B	130	~~34~~ 130 ~~5.9~~	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1254 UJ ID, SUR-I	ND		34	5.8	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1260 UJ SUR-C	ND		34	2.8	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1262	ND		34	12	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
PCB-1268	ND		34	4.1	ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1
Polychlorinated biphenyls, Total U MB-I	130	B	130	~~34~~	~~2.8~~ 130 ug/Kg	☼	03/26/14 14:22	03/28/14 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		53 - 128	03/26/14 14:22	03/28/14 00:57	1
DCB Decachlorobiphenyl	54	X	59 - 130	03/26/14 14:22	03/28/14 00:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-30-3

Date Collected: 03/19/14 13:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-8
Matrix: Solid
Percent Solids: 88.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		26000	8800	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1016	ND		19000	2900	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1232	ND		19000	2900	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1242	ND		19000	5100	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1248 U MB-I	92000	B	92,000 ~~19000~~	92,000 ~~3200~~	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1254	ND		19000	3100	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1260	ND		19000	1500	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1262	ND		19000	6500	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
PCB-1268	ND		19000	2200	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500
Polychlorinated biphenyls, Total U MB-I	92000	B	92,000 ~~19000~~	~~1500~~ 92,000	ug/Kg	☼	03/24/14 09:16	03/27/14 15:21	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-501	X D	53 - 128	03/24/14 09:16	03/27/14 15:21	500
DCB Decachlorobiphenyl	9920	X D	59 - 130	03/24/14 09:16	03/27/14 15:21	500

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-30-4-5

Date Collected: 03/19/14 13:20
Date Received: 03/21/14 12:30

Did not validate

Lab Sample ID: 280-53332-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		10	2.3	ug/L			03/25/14 21:20	1
1,2-Dichloroethane	ND		10	1.3	ug/L			03/25/14 21:20	1
2-Butanone (MEK)	ND		100	18	ug/L			03/25/14 21:20	1
Benzene	ND		10	1.6	ug/L			03/25/14 21:20	1

4-15-14 DT

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-30-4-5

Date Collected: 03/19/14 13:20
Date Received: 03/21/14 12:30

Did not validate

Lab Sample ID: 280-53332-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.9	ug/L			03/25/14 21:20	1
Chlorobenzene	ND		10	1.7	ug/L			03/25/14 21:20	1
Chloroform	ND		10	1.6	ug/L			03/25/14 21:20	1
Tetrachloroethene	ND		10	2.0	ug/L			03/25/14 21:20	1
Trichloroethene	ND		10	1.6	ug/L			03/25/14 21:20	1
Vinyl chloride	ND		10	1.0	ug/L			03/25/14 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 129		03/25/14 21:20	1
4-Bromofluorobenzene (Surr)	79		78 - 121		03/25/14 21:20	1
Dibromofluoromethane (Surr)	104		79 - 119		03/25/14 21:20	1
Toluene-d8 (Surr)	86		78 - 120		03/25/14 21:20	1

Method: 6010C - Metales contaminantes de prioridad por ICP - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11	J	0.50	0.022	mg/L		03/24/14 12:00	03/24/14 20:05	1
Barium	0.82	J B	1.0	0.0020	mg/L		03/24/14 12:00	03/24/14 20:05	1
Cadmium	0.0028	J	0.10	0.0020	mg/L		03/24/14 12:00	03/24/14 20:05	1
Chromium	0.0060	J	0.50	0.0030	mg/L		03/24/14 12:00	03/24/14 20:05	1
Lead	ND		0.50	0.013	mg/L		03/24/14 12:00	03/24/14 20:05	1
Selenium	ND		0.10	0.024	mg/L		03/24/14 12:00	03/24/14 20:05	1
Silver	ND		0.50	0.0040	mg/L		03/24/14 12:00	03/24/14 20:05	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.000030	mg/L		03/25/14 11:45	03/26/14 04:18	1

Client Sample ID: SB-31-0.5

Date Collected: 03/18/14 15:20
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-10
Matrix: Solid
Percent Solids: 98.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		470	160	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1016	ND		330	51	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1232	ND		330	51	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1242	ND		330	91	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1248	ND		330	56	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1254	2700		330	55	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1260	ND		330	27	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1262	ND		330	120	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
PCB-1268	ND		330	40	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10
Polychlorinated biphenyls, Total	2700	B	330	27	ug/Kg	☼	03/24/14 09:16	03/27/14 15:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72	D	53 - 128	03/24/14 09:16	03/27/14 15:43	10
DCB Decachlorobiphenyl	229	X D	59 - 130	03/24/14 09:16	03/27/14 15:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.4		0.10	0.10	%			03/21/14 21:04	1

4-15-14 AA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-32-1.5

Date Collected: 03/18/14 10:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-11
Matrix: Solid
Percent Solids: 87.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		530000	170000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1016	ND		370000	57000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1232	ND		370000	57000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1242	ND		370000	100000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1248 UJ MB, ID-I	2900000	B	2900000 ~~370000~~	2900000 ~~63000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1254 UJ ID-I	ND		370000	62000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1260	ND		370000	30000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1262	ND		370000	130000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
PCB-1268	ND		370000	44000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000
Polychlorinated biphenyls, Total U MB-I	2900000	B	2900000 ~~370000~~	2900000 ~~30000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 16:04	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-13096	X D	53 - 128	03/24/14 09:16	03/27/14 16:04	10000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 16:04	10000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			03/21/14 21:04	1

Client Sample ID: SB-40-3

Date Collected: 03/18/14 15:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-12
Matrix: Solid
Percent Solids: 83.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1100000	370000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1016	ND		780000	120000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1232	ND		780000	120000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1242	ND		780000	210000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1248 NJ ID-I	7900000	B	780000	130000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1254 UJ ID-I	ND		780000	130000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1260	ND		780000	62000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1262	ND		780000	270000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
PCB-1268	ND		780000	93000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000
Polychlorinated biphenyls, Total	7900000	B	780000	62000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:25	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-29709	X D	53 - 128	03/24/14 09:16	03/27/14 16:25	20000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 16:25	20000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-40-4

Date Collected: 03/18/14 15:45
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-13
Matrix: Solid
Percent Solids: 87.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		490000	160000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000

4-15-14 SLA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-40-4

Date Collected: 03/18/14 15:45
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-13
Matrix: Solid
Percent Solids: 87.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		350000	53000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1232	ND		350000	54000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1242	ND		350000	96000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1248 UJ MB, ID-I	2700000	B	2700000 ~~350000~~ 2700000	~~59000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1254 UJ ID-I	ND		350000	58000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1260	ND		350000	28000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1262	ND		350000	120000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
PCB-1268	ND		350000	42000	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000
Polychlorinated biphenyls, Total U MB-I	2700000	B	2700000 ~~350000~~ 2700000	~~28000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 16:47	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	53 - 128	03/24/14 09:16	03/27/14 16:47	10000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 16:47	10000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-43-3

Date Collected: 03/20/14 09:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-14
Matrix: Solid
Percent Solids: 82.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		280000	92000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1016	ND		190000	30000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1232	ND		190000	30000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1242	ND		190000	54000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1248 UJ MB, ID-I	1100000	B	1100000 ~~190000~~ 1100000	33000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1254 UJ ID-I	ND		190000	32000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1260	ND		190000	16000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1262	ND		190000	68000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
PCB-1268	ND		190000	23000	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000
Polychlorinated biphenyls, Total U MB-I	1100000	B	1100000 ~~190000~~ 1100000	~~16000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 17:08	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X D	53 - 128	03/24/14 09:16	03/27/14 17:08	5000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 17:08	5000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-44-4.5

Date Collected: 03/20/14 10:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-15
Matrix: Solid
Percent Solids: 89.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		10000	3300	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1016	ND		7000	1100	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200

4-15-14 AA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-44-4.5

Date Collected: 03/20/14 10:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-15
Matrix: Solid
Percent Solids: 89.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		7000	1100	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1242	ND		27000 ~~7000~~	27000 1900	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1248 UJ mB,ID-I	27000	B	65,300 ~~7000~~	65,300 ~~1200~~	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1254 UJ ID-I	ND		7000	1200	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1260	ND		7000	560	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1262	ND		7000	2500	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
PCB-1268	ND		7000	840	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200
Polychlorinated biphenyls, Total U mB-I	27000	B	27000 ~~7000~~	27000 ~~560~~	ug/Kg	☼	03/24/14 09:16	03/27/14 17:29	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-208	X D	53 - 128	03/24/14 09:16	03/27/14 17:29	200
DCB Decachlorobiphenyl	101	D	59 - 130	03/24/14 09:16	03/27/14 17:29	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-45-4.5

Date Collected: 03/19/14 13:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-16
Matrix: Solid
Percent Solids: 92.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		10000	3300	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1016	ND		7000	1100	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1232	ND		7000	1100	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1242	ND		7000	1900	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1248 UJ mB,ID-I	43000	B	43000 ~~7000~~	43000 ~~1200~~	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1254 UJ ID-I	ND		7000	1200	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1260	ND		7000	560	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1262	ND		7000	2500	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
PCB-1268	ND		7000	840	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200
Polychlorinated biphenyls, Total U mB-I	43000	B	43000 ~~7000~~	43000 ~~560~~	ug/Kg	☼	03/24/14 09:16	03/27/14 18:12	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-177	X D	53 - 128	03/24/14 09:16	03/27/14 18:12	200
DCB Decachlorobiphenyl	914	D X	59 - 130	03/24/14 09:16	03/27/14 18:12	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.0		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-43-3-FD

Date Collected: 03/20/14 10:00
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-17
Matrix: Solid
Percent Solids: 75.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		580000	190000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1016	ND		400000	62000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1232	ND		400000	63000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000

4-15-14 KBA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-43-3-FD

Date Collected: 03/20/14 10:00
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-17
Matrix: Solid
Percent Solids: 75.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		400000	110000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1248 UJ MB, ID-I	2800000	B	2800000 ~~400000~~	2800000 ~~69000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1254 UJ ID-I	ND		400000	68000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1260	ND		400000	32000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1262	ND		400000	140000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
PCB-1268	ND		400000	48000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000
Polychlorinated biphenyls, Total U MB-I	2800000	B	2800000 ~~400000~~	2800000 ~~82000~~	ug/Kg	☼	03/24/14 09:16	03/27/14 18:33	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-14605	X D	53 - 128	03/24/14 09:16	03/27/14 18:33	10000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 18:33	10000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	24		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-47-2

Date Collected: 03/20/14 09:05
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-18
Matrix: Solid
Percent Solids: 82.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1100000	360000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1016	ND		750000	120000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1232	ND		750000	120000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1242	ND		750000	210000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1248 NJ ID-I	7400000	B	750000	130000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1254 UJ ID-I	ND		750000	130000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1260	ND		750000	60000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1262	ND		750000	260000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
PCB-1268	ND		750000	90000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000
Polychlorinated biphenyls, Total	7400000	B	750000	60000	ug/Kg	☼	03/24/14 09:16	03/27/14 18:55	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-31640	X D	53 - 128	03/24/14 09:16	03/27/14 18:55	20000
DCB Decachlorobiphenyl	0	X D	59 - 130	03/24/14 09:16	03/27/14 18:55	20000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-47-9

Date Collected: 03/20/14 09:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-19
Matrix: Solid
Percent Solids: 88.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		520	170	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1016	ND		360	56	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1232	ND		360	57	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1242	ND		360	100	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10

4-15-14 MA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-47-9

Date Collected: 03/20/14 09:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-19
Matrix: Solid
Percent Solids: 88.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248 UJ MB,ID-I	2200	B	2200 ~~360~~	2200 ~~62~~	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1254 UJ ID-I	ND		360	61	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1260	ND		360	29	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1262	ND		360	130	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
PCB-1268	ND		360	44	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10
Polychlorinated biphenyls, Total U MB-I	2200	B	2200 ~~360~~	~~29~~ 2200	ug/Kg	☼	03/24/14 09:16	03/27/14 19:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73	D	53 - 128	03/24/14 09:16	03/27/14 19:16	10
DCB Decachlorobiphenyl	72	D	59 - 130	03/24/14 09:16	03/27/14 19:16	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-47-3-5

Date Collected: 03/20/14 09:10
Date Received: 03/21/14 12:30

Did not validate

Lab Sample ID: 280-53332-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		10	2.3	ug/L			03/25/14 22:49	1
1,2-Dichloroethane	ND		10	1.3	ug/L			03/25/14 22:49	1
2-Butanone (MEK)	ND		100	18	ug/L			03/25/14 22:49	1
Benzene	ND		10	1.6	ug/L			03/25/14 22:49	1
Carbon tetrachloride	ND		10	1.9	ug/L			03/25/14 22:49	1
Chlorobenzene	ND		10	1.7	ug/L			03/25/14 22:49	1
Chloroform	ND		10	1.6	ug/L			03/25/14 22:49	1
Tetrachloroethene	ND		10	2.0	ug/L			03/25/14 22:49	1
Trichloroethene	ND		10	1.6	ug/L			03/25/14 22:49	1
Vinyl chloride	ND		10	1.0	ug/L			03/25/14 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		64 - 129		03/25/14 22:49	1
4-Bromofluorobenzene (Surr)	81		78 - 121		03/25/14 22:49	1
Dibromofluoromethane (Surr)	111		79 - 119		03/25/14 22:49	1
Toluene-d8 (Surr)	88		78 - 120		03/25/14 22:49	1

Method: 6010C - Metales contaminantes de prioridad por ICP - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.057	J	0.50	0.022	mg/L		03/24/14 12:00	03/24/14 20:08	1
Barium	0.50	J B	1.0	0.0020	mg/L		03/24/14 12:00	03/24/14 20:08	1
Cadmium	ND		0.10	0.0020	mg/L		03/24/14 12:00	03/24/14 20:08	1
Chromium	0.0040	J	0.50	0.0030	mg/L		03/24/14 12:00	03/24/14 20:08	1
Lead	ND		0.50	0.013	mg/L		03/24/14 12:00	03/24/14 20:08	1
Selenium	0.034	J	0.10	0.024	mg/L		03/24/14 12:00	03/24/14 20:08	1
Silver	ND		0.50	0.0040	mg/L		03/24/14 12:00	03/24/14 20:08	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.000030	mg/L		03/25/14 11:45	03/26/14 04:21	1

4-8-14 NA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53332-1

Client Sample ID: SB-50-5

Date Collected: 03/20/14 12:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-21
Matrix: Solid
Percent Solids: 89.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49000	16000	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1016	ND		34000	5300	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1232	ND		34000	5300	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1242	ND		34000	9500	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1248 UJ MB, ID-I	250000	B	250000U ~~34000~~	250000 ~~5800~~	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1254 UJ ID-I	ND		34000	5700	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1260	ND		34000	2800	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1262	ND		34000	12000	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
PCB-1268	ND		34000	4100	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000
Polychlorinated biphenyls, Total U MB-I	250000	B	250000U ~~34000~~	250000 ~~2800~~	ug/Kg	☼	03/24/14 09:16	03/27/14 20:20	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-1370	X D	53 - 128	03/24/14 09:16	03/27/14 20:20	1000
DCB Decachlorobiphenyl	3552	D X	59 - 130	03/24/14 09:16	03/27/14 20:20	1000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10		0.10	0.10	%			03/24/14 21:38	1

Client Sample ID: SB-52-5

Date Collected: 03/20/14 13:25
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53332-22
Matrix: Solid
Percent Solids: 83.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		510	170	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1016	ND		360	56	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1232	ND		360	56	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1242	ND		360	100	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1248 UJ MB, ID-I	2100	B	2100U ~~360~~	2100 ~~61~~	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1254 UJ ID-I	ND		360	60	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1260	ND		360	29	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1262	ND		360	130	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
PCB-1268	ND		360	43	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10
Polychlorinated biphenyls, Total U MB-I	2100	B	2100U ~~360~~	2100 ~~29~~	ug/Kg	☼	03/24/14 09:16	03/27/14 20:41	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87	D	53 - 128	03/24/14 09:16	03/27/14 20:41	10
DCB Decachlorobiphenyl	124	D	59 - 130	03/24/14 09:16	03/27/14 20:41	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			03/24/14 21:38	1

4-15-14 JRA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-03-0

Date Collected: 03/17/14 11:45
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-1
Matrix: Solid
Percent Solids: 94.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		980	330	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1016	ND		690	110	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1232	ND		690	110	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1242	ND		690	190	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1248 NJ ID-I	3100		690	120	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1254 UJ ID-I	ND		690	120	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1260	ND		690	55	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1262	ND		690	240	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
PCB-1268	ND		690	83	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20
Polychlorinated biphenyls, Total	3100		690	55	ug/Kg	☼	03/27/14 11:25	04/02/14 05:43	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65	D	53 - 128	03/27/14 11:25	04/02/14 05:43	20
DCB Decachlorobiphenyl	186	D X	59 - 130	03/27/14 11:25	04/02/14 05:43	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.1		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-05-0

Date Collected: 03/17/14 12:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-2
Matrix: Solid
Percent Solids: 97.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		950	310	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1016	ND		660	100	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1232	ND		660	100	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1242	ND		660	180	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1248 UJ ID-I	ND		660	110	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1254 NJ ID-I	4300		660	110	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1260	ND		660	53	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1262	ND		660	230	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
PCB-1268	ND		660	79	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20
Polychlorinated biphenyls, Total	4300		660	53	ug/Kg	☼	03/27/14 11:25	04/02/14 06:47	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67	D	53 - 128	03/27/14 11:25	04/02/14 06:47	20
DCB Decachlorobiphenyl	736	D X	59 - 130	03/27/14 11:25	04/02/14 06:47	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.5		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-06-0

Date Collected: 03/17/14 12:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-3
Matrix: Solid

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		450	150	ug/Kg		03/27/14 11:25	04/02/14 07:08	4

4-16-14 TDA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-06-0

Date Collected: 03/17/14 12:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-3
Matrix: Solid

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		310	48	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1232	ND		310	49	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1242	ND		310	87	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1248	1300		310	53	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1254	ND		310	53	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1260	ND		310	25	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1262	ND		310	110	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
PCB-1268	ND		310	38	ug/Kg		03/27/14 11:25	04/02/14 07:08	4
Polychlorinated biphenyls, Total	1300		310	25	ug/Kg		03/27/14 11:25	04/02/14 07:08	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	136	X D	53 - 128	03/27/14 11:25	04/02/14 07:08	4
DCB Decachlorobiphenyl	57	X D	59 - 130	03/27/14 11:25	04/02/14 07:08	4

Client Sample ID: SB-11-0

Date Collected: 03/17/14 14:20
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-4
Matrix: Solid
Percent Solids: 96.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		44	15	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1016	ND		31	4.8	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1232	ND		31	4.8	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1242	ND		31	8.6	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1248 NJ ID-I	180		31	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1254 UJ ID-I	ND		31	5.2	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1260	ND		31	2.5	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1262	ND		31	11	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
PCB-1268	ND		31	3.7	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1
Polychlorinated biphenyls, Total	180		31	2.5	ug/Kg	☼	03/27/14 11:25	04/02/14 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		53 - 128	03/27/14 11:25	04/02/14 07:29	1
DCB Decachlorobiphenyl	85		59 - 130	03/27/14 11:25	04/02/14 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.8		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-12-0

Date Collected: 03/17/14 14:37
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-5
Matrix: Solid
Percent Solids: 96.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1016	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1232	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1242	ND		34	9.5	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1248 NJ ID-I	280		34	5.8	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1254 UJ ID-I	ND		34	5.7	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1

4-16-14 AA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-12-0

Date Collected: 03/17/14 14:37
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-5
Matrix: Solid
Percent Solids: 96.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		34	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
PCB-1268	ND		34	4.1	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1
Polychlorinated biphenyls, Total	280		34	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		53 - 128	03/27/14 11:25	04/02/14 07:50	1
DCB Decachlorobiphenyl	128		59 - 130	03/27/14 11:25	04/02/14 07:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.8		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-13-0

Date Collected: 03/17/14 14:45
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-6
Matrix: Solid
Percent Solids: 96.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		490	160	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1016	ND		340	53	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1232	ND		340	53	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1242	ND		340	95	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1248 NJ ID-I	2300		340	58	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1254 UJ ID-I	ND		340	57	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1260	ND		340	27	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1262	ND		340	120	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
PCB-1268	ND		340	41	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10
Polychlorinated biphenyls, Total	2300		340	27	ug/Kg	☼	03/27/14 11:25	04/02/14 08:12	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88	D	53 - 128	03/27/14 11:25	04/02/14 08:12	10
DCB Decachlorobiphenyl	118	D	59 - 130	03/27/14 11:25	04/02/14 08:12	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.5		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-14-0

Date Collected: 03/17/14 14:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-7
Matrix: Solid
Percent Solids: 96.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		4500	1500	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1016	ND		3100	480	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1232	ND		3100	490	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1242	ND		3100	870	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1248 NJ ID-I	7200		3100	530	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1254 UJ ID-I	ND		3100	520	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1260	ND		3100	250	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100

4-16-14 AJA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-14-0

Date Collected: 03/17/14 14:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-7
Matrix: Solid
Percent Solids: 96.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		3100	1100	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
PCB-1268	ND		3100	370	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100
Polychlorinated biphenyls, Total	7200		3100	250	ug/Kg	☼	03/27/14 11:25	04/02/14 08:33	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-123	D X	53 - 128	03/27/14 11:25	04/02/14 08:33	100
DCB Decachlorobiphenyl	136	D X	59 - 130	03/27/14 11:25	04/02/14 08:33	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.1		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-15-0

Date Collected: 03/17/14 13:25
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-8
Matrix: Solid
Percent Solids: 94.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1016	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1232	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1242	ND		34	9.5	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1248 NJ ID-I	140		34	5.8	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1254 UJ ID-I	ND		34	5.7	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1260	ND		34	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
PCB-1268	ND		34	4.1	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1
Polychlorinated biphenyls, Total	140		34	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 08:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		53 - 128	03/27/14 11:25	04/02/14 08:54	1
DCB Decachlorobiphenyl	64		59 - 130	03/27/14 11:25	04/02/14 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-16-0

Date Collected: 03/18/14 14:55
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-9
Matrix: Solid
Percent Solids: 93.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50	17	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1016	ND		35	5.4	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1232	ND		35	5.5	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1242	ND		35	9.7	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1248 NJ ID-I	67		35	6.0	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1254 UJ ID-I	ND		35	5.9	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1260	ND		35	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
PCB-1262	ND		35	12	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1

4-16-14
APA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-16-0

Lab Sample ID: 280-53458-9
Date Collected: 03/18/14 14:55
Matrix: Solid
Date Received: 03/21/14 12:30
Percent Solids: 93.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	ND		35	4.2	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1
Polychlorinated biphenyls, Total	67		35	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 09:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		53 - 128	03/27/14 11:25	04/02/14 09:16	1
DCB Decachlorobiphenyl	72		59 - 130	03/27/14 11:25	04/02/14 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.4		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-17-0

Lab Sample ID: 280-53458-10
Date Collected: 03/18/14 10:21
Matrix: Solid
Date Received: 03/21/14 12:30
Percent Solids: 95.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		45	15	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1016	ND		32	4.9	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1232	ND		32	4.9	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1242	ND		32	8.7	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1248 UJ ID-I	ND		32	5.4	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1254 NJ ID-I	250		32	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1260	ND		32	2.5	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1262	ND		32	11	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
PCB-1268	ND		32	3.8	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1
Polychlorinated biphenyls, Total	250		32	2.5	ug/Kg	☼	03/27/14 11:25	04/02/14 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		53 - 128	03/27/14 11:25	04/02/14 09:37	1
DCB Decachlorobiphenyl	114		59 - 130	03/27/14 11:25	04/02/14 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.2		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-18-0

Lab Sample ID: 280-53458-11
Date Collected: 03/18/14 08:30
Matrix: Solid
Date Received: 03/21/14 12:30
Percent Solids: 96.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		180	61	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1016	ND		130	20	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1232	ND		130	20	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1242	ND		130	36	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1248 NJ ID-I	660		130	22	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1254 UJ ID-I	ND		130	22	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1260	ND		130	10	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1262	ND		130	45	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4
PCB-1268	ND		130	15	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4

4-16-14 MA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-18-0

Date Collected: 03/18/14 08:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-11
Matrix: Solid
Percent Solids: 96.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	660		130	10	ug/Kg	☼	03/27/14 11:25	04/02/14 10:41	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84	D	53 - 128	03/27/14 11:25	04/02/14 10:41	4
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 11:25	04/02/14 10:41	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.2		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-20-0

Date Collected: 03/18/14 09:36
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-12
Matrix: Solid
Percent Solids: 98.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		930	310	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1016	ND		650	100	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1232	ND		650	100	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1242	ND		650	180	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1248 UJ - I	ND		650	110	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1254 NJ - I	2300		650	110	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1260	ND		650	52	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1262	ND		650	230	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
PCB-1268	ND		650	78	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20
Polychlorinated biphenyls, Total	2300		650	52	ug/Kg	☼	03/27/14 11:25	04/02/14 11:02	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76	D	53 - 128	03/27/14 11:25	04/02/14 11:02	20
DCB Decachlorobiphenyl	1021	D X	59 - 130	03/27/14 11:25	04/02/14 11:02	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.5		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-21-0

Date Collected: 03/18/14 15:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-13
Matrix: Solid
Percent Solids: 94.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		49	16	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1016	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1232	ND		34	5.3	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1242	ND		34	9.4	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1248 ~~UJ~~ NA - NJ ID-I	200		34	5.8	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1254 UJ ID-I	ND		34	5.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1260	ND		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
PCB-1268	ND		34	4.1	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1
Polychlorinated biphenyls, Total	200		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:24	1

4-16-14 AA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-21-0

Date Collected: 03/18/14 15:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-13
Matrix: Solid
Percent Solids: 94.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		53 - 128	03/27/14 11:25	04/02/14 11:24	1
DCB Decachlorobiphenyl	75		59 - 130	03/27/14 11:25	04/02/14 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-22-0

Date Collected: 03/18/14 09:48
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-14
Matrix: Solid
Percent Solids: 96.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1016	ND		34	5.2	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1232	ND		34	5.2	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1242	ND		34	9.3	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1248 NJ ID-I	130		34	5.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1254 UJ ID-I	ND		34	5.6	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1260	ND		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
PCB-1268	ND		34	4.0	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1
Polychlorinated biphenyls, Total	130		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 11:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		53 - 128	03/27/14 11:25	04/02/14 11:45	1
DCB Decachlorobiphenyl	73		59 - 130	03/27/14 11:25	04/02/14 11:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.4		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-23-0

Date Collected: 03/19/14 10:35
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-15
Matrix: Solid
Percent Solids: 94.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		50	16	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1016	ND		35	5.4	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1232	ND		35	5.4	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1242	ND		35	9.6	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1248 NJ ID-I	300		35	5.9	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1254 UJ ID-I	ND		35	5.8	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1260	ND		35	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1262	ND		35	12	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
PCB-1268	ND		35	4.2	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1
Polychlorinated biphenyls, Total	300		35	2.8	ug/Kg	☼	03/27/14 11:25	04/02/14 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		53 - 128	03/27/14 11:25	04/02/14 12:16	1

4-16-14

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-23-0

Date Collected: 03/19/14 10:35
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-15
Matrix: Solid
Percent Solids: 94.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		59 - 130	03/27/14 11:25	04/02/14 12:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.6		0.10	0.10	%			03/31/14 18:13	1

Client Sample ID: SB-24-0

Date Collected: 03/20/14 10:02
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-16
Matrix: Solid
Percent Solids: 94.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		4900	1600	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1016	ND		3400	530	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1232	ND		3400	530	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1242	ND		3400	940	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1248 NJ -ID-I	19000		3400	580	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1254 UJ ID-I	ND		3400	570	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1260	ND		3400	270	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1262	ND		3400	1200	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
PCB-1268	ND		3400	410	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100
Polychlorinated biphenyls, Total	19000		3400	270	ug/Kg	☼	03/27/14 11:25	04/02/14 12:38	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-108	D X	53 - 128	03/27/14 11:25	04/02/14 12:38	100
DCB Decachlorobiphenyl	5810	D X	59 - 130	03/27/14 11:25	04/02/14 12:38	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.4		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-25-0

Date Collected: 03/19/14 10:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-17
Matrix: Solid
Percent Solids: 95.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 UJ SUR-L	ND		48	16	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1016	ND		34	5.2	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1232	ND		34	5.2	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1242	ND		34	9.3	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1248 NJ ID-SUR-I	240		34	5.7	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1254 UJ ID-SUR-I	ND		34	5.6	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1260 UJ SUR-L	ND		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
PCB-1268	ND		34	4.0	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1
Polychlorinated biphenyls, Total	240		34	2.7	ug/Kg	☼	03/27/14 11:25	04/02/14 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		53 - 128	03/27/14 11:25	04/02/14 12:59	1

4-16-14 NA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-25-0

Date Collected: 03/19/14 10:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-17
Matrix: Solid
Percent Solids: 95.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57	X	59 - 130	03/27/14 11:25	04/02/14 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.2		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-26-0

Date Collected: 03/18/14 12:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-18
Matrix: Solid
Percent Solids: 97.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46000	15000	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1016	ND		32000	5000	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1232	ND		32000	5000	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1242	ND		32000	8900	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1248 NJ ID-I	130000		32000	5500	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1254 UJ ID-I	ND		32000	5400	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1260	ND		32000	2600	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1262	ND		32000	11000	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
PCB-1268	ND		32000	3900	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000
Polychlorinated biphenyls, Total	130000		32000	2600	ug/Kg	☼	03/27/14 11:25	04/02/14 13:20	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 11:25	04/02/14 13:20	1000
DCB Decachlorobiphenyl	5081	D X	59 - 130	03/27/14 11:25	04/02/14 13:20	1000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.9		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-27-0

Date Collected: 03/18/14 10:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-19
Matrix: Solid
Percent Solids: 97.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		4800	1600	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1016	ND		3400	520	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1232	ND		3400	520	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1242	ND		3400	930	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1248 NJ ID-I	13000		3400	570	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1254 UJ ID-I	ND		3400	560	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1260	ND		3400	270	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1262	ND		3400	1200	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
PCB-1268	ND		3400	400	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100
Polychlorinated biphenyls, Total	13000		3400	270	ug/Kg	☼	03/27/14 11:25	04/02/14 13:42	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	-135	D X	53 - 128	03/27/14 11:25	04/02/14 13:42	100

4-16-14 NJ

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-27-0

Date Collected: 03/18/14 10:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-19
Matrix: Solid
Percent Solids: 97.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	224	D X	59 - 130	03/27/14 11:25	04/02/14 13:42	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.6		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-28-0

Date Collected: 03/19/14 15:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-20
Matrix: Solid
Percent Solids: 97.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46	15	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1016	ND		33	5.0	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1232	ND		33	5.1	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1242	ND		33	9.0	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1248 NJ ID-I	260		33	5.5	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1254 UJ ID-I	ND		33	5.5	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1260	ND		33	2.6	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1262	ND		33	11	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
PCB-1268	ND		33	3.9	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1
Polychlorinated biphenyls, Total	260		33	2.6	ug/Kg	☼	03/27/14 11:25	04/02/14 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		53 - 128	03/27/14 11:25	04/02/14 14:03	1
DCB Decachlorobiphenyl	76		59 - 130	03/27/14 11:25	04/02/14 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-29-0

Date Collected: 03/19/14 11:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-21
Matrix: Solid
Percent Solids: 96.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1016	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1232	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1242	ND		170	46	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1248 NJ ID-I	280		170	28	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1254 UJ ID-I	ND		170	28	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1260	ND		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1262	ND		170	59	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
PCB-1268	ND		170	20	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5
Polychlorinated biphenyls, Total	280		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 15:50	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82	D	53 - 128	03/27/14 14:30	04/02/14 15:50	5

4-16-14

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-29-0

Date Collected: 03/19/14 11:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-21
Matrix: Solid
Percent Solids: 96.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 15:50	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-30-0

Date Collected: 03/19/14 12:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-22
Matrix: Solid
Percent Solids: 97.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221 UJ SUR-L	ND		48	16	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1016	ND		34	5.2	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1232	ND		34	5.2	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1242	ND		34	9.3	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1248 NJ SUR, ID-I	120		34	5.7	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1254 UJ SUR, ID-I	ND		34	5.7	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1260 UJ SUR-L	ND		34	2.7	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
PCB-1268	ND		34	4.0	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1
Polychlorinated biphenyls, Total	120		34	2.7	ug/Kg	☼	03/27/14 14:30	04/02/14 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		53 - 128	03/27/14 14:30	04/02/14 16:11	1
DCB Decachlorobiphenyl	53	X	59 - 130	03/27/14 14:30	04/02/14 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.4		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-31-0

Date Collected: 03/18/14 13:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-23
Matrix: Solid
Percent Solids: 96.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		470	160	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1016	ND		330	51	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1232	ND		330	51	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1242	ND		330	91	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1248 NJ ~~SUR~~ SR ID-I	1300		330	56	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1254 UJ ID-I	ND		330	55	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1260	ND		330	27	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1262	ND		330	120	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
PCB-1268	ND		330	40	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10
Polychlorinated biphenyls, Total	1300		330	27	ug/Kg	☼	03/27/14 14:30	04/02/14 17:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62	D	53 - 128	03/27/14 14:30	04/02/14 17:15	10

4-16-14 JBG

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-31-0

Date Collected: 03/18/14 13:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-23
Matrix: Solid
Percent Solids: 96.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84	D	59 - 130	03/27/14 14:30	04/02/14 17:15	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.6		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-32-0

Date Collected: 03/18/14 09:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-24
Matrix: Solid
Percent Solids: 95.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	79	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1016	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1232	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1242	ND		170	46	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1248 NJ ID-I	790		170	29	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1254 UJ ID-I	ND		170	28	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1260	ND		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1262	ND		170	59	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
PCB-1268	ND		170	20	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5
Polychlorinated biphenyls, Total	790		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 17:37	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	98	D	53 - 128	03/27/14 14:30	04/02/14 17:37	5
DCB Decachlorobiphenyl	130	D	59 - 130	03/27/14 14:30	04/02/14 17:37	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-33-0

Date Collected: 03/19/14 15:05
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-25
Matrix: Solid
Percent Solids: 95.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	81	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1016	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1232	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1242	ND		170	47	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1248 NJ ID-I	700		170	29	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1254 UJ ID-I	ND		170	29	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1260	ND		170	14	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1262	ND		170	60	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
PCB-1268	ND		170	20	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5
Polychlorinated biphenyls, Total	700		170	14	ug/Kg	☼	03/27/14 14:30	04/02/14 17:58	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79	D	53 - 128	03/27/14 14:30	04/02/14 17:58	5

4/18-1/14 MD

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-33-0

Date Collected: 03/19/14 15:05
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-25
Matrix: Solid
Percent Solids: 95.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122	D	59 - 130	03/27/14 14:30	04/02/14 17:58	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-34-0

Date Collected: 03/19/14 11:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-26
Matrix: Solid
Percent Solids: 94.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		980	320	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1016	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1232	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1242	ND		690	190	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1248 NJ ID-I	4100		690	120	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1254 UJ ID-I	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1260	ND		690	55	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1262	ND		690	240	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
PCB-1268	ND		690	82	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20
Polychlorinated biphenyls, Total	4100		690	55	ug/Kg	☼	03/27/14 14:30	04/02/14 18:20	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70	D	53 - 128	03/27/14 14:30	04/02/14 18:20	20
DCB Decachlorobiphenyl	83	D	59 - 130	03/27/14 14:30	04/02/14 18:20	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.5		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-35-0

Date Collected: 03/19/14 09:00
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-27
Matrix: Solid
Percent Solids: 92.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		250	84	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1016	ND		180	27	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1232	ND		180	28	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1242	ND		180	49	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1248 NJ ID-I	1000		180	30	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1254 UJ ID-I	ND		180	30	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1260	ND		180	14	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1262	ND		180	62	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
PCB-1268	ND		180	21	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5
Polychlorinated biphenyls, Total	1000		180	14	ug/Kg	☼	03/27/14 14:30	04/02/14 18:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81	D	53 - 128	03/27/14 14:30	04/02/14 18:41	5

4-16-14 SRA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-35-0

Date Collected: 03/19/14 09:00
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-27
Matrix: Solid
Percent Solids: 92.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101	D	59 - 130	03/27/14 14:30	04/02/14 18:41	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.8		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-40-0

Date Collected: 03/18/14 14:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-28
Matrix: Solid
Percent Solids: 95.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		960	320	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1016	ND		680	100	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1232	ND		680	100	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1242	ND		680	190	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1248 UJ ID-I	ND		680	110	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1254 NJ ID-I	3600		680	110	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1260	ND		680	54	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1262	ND		680	240	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
PCB-1268	ND		680	81	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20
Polychlorinated biphenyls, Total	3600		680	54	ug/Kg	☼	03/27/14 14:30	04/02/14 19:02	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68	D	53 - 128	03/27/14 14:30	04/02/14 19:02	20
DCB Decachlorobiphenyl	1015	D X	59 - 130	03/27/14 14:30	04/02/14 19:02	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-41-0

Date Collected: 03/19/14 11:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-29
Matrix: Solid
Percent Solids: 96.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		240	78	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1016	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1232	ND		170	26	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1242	ND		170	46	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1248 UJ ID-I	ND		170	28	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1254 NJ ID-I	520		170	28	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1260	ND		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1262	ND		170	58	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
PCB-1268	ND		170	20	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5
Polychlorinated biphenyls, Total	520		170	13	ug/Kg	☼	03/27/14 14:30	04/02/14 19:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	34	D X	53 - 128	03/27/14 14:30	04/02/14 19:24	5

4-16-14

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-41-0

Date Collected: 03/19/14 11:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-29
Matrix: Solid
Percent Solids: 96.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	119	D	59 - 130	03/27/14 14:30	04/02/14 19:24	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-42-0

Date Collected: 03/20/14 09:02
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-30
Matrix: Solid
Percent Solids: 93.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		490	160	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1016	ND		350	53	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1232	ND		350	54	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1242	ND		350	95	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1248 NJ -ID-I	1800		350	59	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1254 UJ ID-I	ND		350	58	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1260	ND		350	28	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1262	ND		350	120	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
PCB-1268	ND		350	41	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10
Polychlorinated biphenyls, Total	1800		350	28	ug/Kg	☼	03/27/14 14:30	04/02/14 19:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80	D	53 - 128	03/27/14 14:30	04/02/14 19:45	10
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 19:45	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-43-0

Date Collected: 03/20/14 09:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-31
Matrix: Solid
Percent Solids: 95.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		46000	15000	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1016	ND		32000	5000	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1232	ND		32000	5000	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1242	ND		32000	8900	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1248 NJ ID-I	160000		32000	5500	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1254 UJ ID-I	ND		32000	5400	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1260	ND		32000	2600	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1262	ND		32000	11000	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
PCB-1268	ND		32000	3800	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000
Polychlorinated biphenyls, Total	160000		32000	2600	ug/Kg	☼	03/27/14 14:30	04/02/14 20:49	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 20:49	1000

4-16-14

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-43-0

Date Collected: 03/20/14 09:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-31
Matrix: Solid
Percent Solids: 95.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 20:49	1000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-44-0

Date Collected: 03/20/14 09:10
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-32
Matrix: Solid
Percent Solids: 95.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		480	160	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1016	ND		330	52	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1232	ND		330	52	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1242	ND		330	92	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1248 NJ ID-I	2300		330	57	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1254 UJ ID-I	ND		330	56	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1260	ND		330	27	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1262	ND		330	120	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
PCB-1268	ND		330	40	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10
Polychlorinated biphenyls, Total	2300		330	27	ug/Kg	☼	03/27/14 14:30	04/02/14 21:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88	D	53 - 128	03/27/14 14:30	04/02/14 21:11	10
DCB Decachlorobiphenyl	254	D X	59 - 130	03/27/14 14:30	04/02/14 21:11	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.0		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-45-0

Date Collected: 03/19/14 13:05
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-33
Matrix: Solid
Percent Solids: 94.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		480000	160000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1016	ND		340000	52000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1232	ND		340000	53000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1242	ND		340000	94000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1248 NJ ID-I	1900000		340000	58000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1254 UJ ID-I	ND		340000	57000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1260	ND		340000	27000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1262	ND		340000	120000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
PCB-1268	ND		340000	41000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000
Polychlorinated biphenyls, Total	1900000		340000	27000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:32	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 21:32	10000

4-16-14 SEA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-45-0

Date Collected: 03/19/14 13:05
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-33
Matrix: Solid
Percent Solids: 94.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 21:32	10000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.5		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-46-0

Date Collected: 03/19/14 13:15
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-34
Matrix: Solid
Percent Solids: 95.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		24000	8100	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1016	ND		17000	2600	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1232	ND		17000	2700	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1242	ND		17000	4700	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1248 NJ ID-I	77000		17000	2900	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1254 UJ ID-I	ND		17000	2900	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1260	ND		17000	1400	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1262	ND		17000	6000	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
PCB-1268	ND		17000	2100	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500
Polychlorinated biphenyls, Total	77000		17000	1400	ug/Kg	☼	03/27/14 14:30	04/02/14 21:53	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 21:53	500
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 21:53	500

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.4		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-47-0

Date Collected: 03/20/14 08:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-35
Matrix: Solid
Percent Solids: 92.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		25000	8200	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1016	ND		17000	2700	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1232	ND		17000	2700	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1242	ND		17000	4800	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1248	110000		17000	2900	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1254	ND		17000	2900	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1260	ND		17000	1400	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1262	ND		17000	6100	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
PCB-1268	ND		17000	2100	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500
Polychlorinated biphenyls, Total	110000		17000	1400	ug/Kg	☼	03/27/14 14:30	04/02/14 22:15	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 22:15	500

4-16-14 [illegible]

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-47-0

Date Collected: 03/20/14 08:30
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-35
Matrix: Solid
Percent Solids: 92.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 22:15	500

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.1		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-48-0

Date Collected: 03/20/14 09:50
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-36
Matrix: Solid
Percent Solids: 94.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		48	16	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1016	ND		34	5.2	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1232	ND		34	5.2	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1242	ND		34	9.3	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1248 NJ ID-I	150		34	5.7	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1254 UJ ID-I	ND		34	5.6	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1260	ND		34	2.7	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1262	ND		34	12	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
PCB-1268	ND		34	4.0	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1
Polychlorinated biphenyls, Total	150		34	2.7	ug/Kg	☼	03/27/14 14:30	04/02/14 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		53 - 128	03/27/14 14:30	04/02/14 22:36	1
DCB Decachlorobiphenyl	68		59 - 130	03/27/14 14:30	04/02/14 22:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.3		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-49-0

Date Collected: 03/20/14 09:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-37
Matrix: Solid
Percent Solids: 94.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		980	320	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1016	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1232	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1242	ND		690	190	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1248 NJ ID-I	3500		690	120	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1254 UJ ID-I	ND		690	110	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1260	ND		690	55	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1262	ND		690	240	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
PCB-1268	ND		690	82	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20
Polychlorinated biphenyls, Total	3500		690	55	ug/Kg	☼	03/27/14 14:30	04/02/14 22:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 22:57	20

4-16-14

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-49-0

Date Collected: 03/20/14 09:40
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-37
Matrix: Solid
Percent Solids: 94.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 22:57	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.5		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-50-0

Date Collected: 03/20/14 11:36
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-38
Matrix: Solid
Percent Solids: 94.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		940000	310000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1016	ND		660000	100000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1232	ND		660000	100000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1242	ND		660000	180000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1248 NJ ID-I	3900000		660000	110000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1254 UJ ID-I	ND		660000	110000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1260	ND		660000	53000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1262	ND		660000	230000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
PCB-1268	ND		660000	79000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000
Polychlorinated biphenyls, Total	3900000		660000	53000	ug/Kg	☼	03/27/14 14:30	04/02/14 23:19	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 23:19	20000
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 23:19	20000

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-51-0

Date Collected: 03/20/14 12:00
Date Received: 03/21/14 12:30

Lab Sample ID: 280-53458-39
Matrix: Solid
Percent Solids: 86.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		5100	1700	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1016	ND		3600	550	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1232	ND		3600	550	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1242	ND		3600	980	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1248 NJ ID-I	12000		3600	600	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1254 UJ ID-I	ND		3600	590	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1260	ND		3600	290	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1262	ND		3600	1200	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
PCB-1268	ND		3600	420	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100
Polychlorinated biphenyls, Total	12000		3600	290	ug/Kg	☼	03/27/14 14:30	04/02/14 23:40	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/02/14 23:40	100

4-16-14 NA

Client Sample Results

Client: URS Corporation
Project/Site: Moline St., CO, 41569671

TestAmerica Job ID: 280-53458-1

Client Sample ID: SB-51-0

Lab Sample ID: 280-53458-39
Date Collected: 03/20/14 12:00
Matrix: Solid
Date Received: 03/21/14 12:30
Percent Solids: 86.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/02/14 23:40	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			03/31/14 18:10	1

Client Sample ID: SB-52-0

Lab Sample ID: 280-53458-40
Date Collected: 03/20/14 12:35
Matrix: Solid
Date Received: 03/21/14 12:30
Percent Solids: 93.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		25000	8200	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1016	ND		17000	2700	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1232	ND		17000	2700	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1242	ND		17000	4800	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1248 NJ ID-I	110000		17000	3000	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1254 UJ ID-I	ND		17000	2900	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1260	ND		17000	1400	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1262	ND		17000	6100	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
PCB-1268	ND		17000	2100	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500
Polychlorinated biphenyls, Total	110000		17000	1400	ug/Kg	☼	03/27/14 14:30	04/03/14 00:01	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D X	53 - 128	03/27/14 14:30	04/03/14 00:01	500
DCB Decachlorobiphenyl	0	D X	59 - 130	03/27/14 14:30	04/03/14 00:01	500

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.1		0.10	0.10	%			03/31/14 18:10	1

4-16-14 SCA

Wipe Sampling Results

ANALYTICAL REPORT

Job Number: 280-52430-1

Job Description: Moline St., CO

For:
URS Corporation
8181 East Tufts Ave.
Denver, CO 80237

Attention: Sheri Fling

Approved for release.
Patrick J McEntee
Senior Project Manager
3/3/2014 5:51 PM

Patrick J McEntee, Senior Project Manager
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0107
patrick.mcentee@testamericainc.com
03/03/2014

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

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Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

CASE NARRATIVE

Client: URS Corporation

Project: Moline St., CO

Report Number: 280-52430-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/24/2014 2:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6º C.

POLYCHLORINATED BIPHENYLS (PCBS) - Solid
Samples C-SOIL-LIGHT (280-52430-7) and C-SOIL-DARK (280-52430-8) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 02/25/2014 and analyzed on 03/01/2014.

Due to matrix interference, sample C-SOIL-DARK (280-52430-8)[10000X] required dilution prior to analysis. The reporting limits have been adjusted accordingly. In order to protect instrument integrity, the sample was diluted as the extract was biphasic with a viscous opaque brown layer topped with less viscous yellow layer requiring multiple acid clean-ups and centrifuging. Analysis at 10x dilution contaminated the instrument with non-target compounds requiring removal from service, instrument maintenance, and re-calibration. Analysis at 10000x dilution still had non-target peaks that saturated the detector.

Due to target analyte concentration, sample C-SOIL-LIGHT (280-52430-7)[30X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for C-SOIL-LIGHT (280-52430-7). DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for C-SOIL-DARK (280-52430-8). DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for C-SOIL-LIGHTMS (280-52430-7MS). DCB Decachlorobiphenyl and Tetrachloro-m-xylene failed the surrogate recovery criteria low for C-SOIL-LIGHTMSD (280-52430-7MSD). Refer to the QC report for details. Due to the dilution, the surrogates were diluted out of the sample.

PCB-1260 failed the recovery criteria low for the MS of sample C-SOIL-LIGHTMS (280-52430-7) in batch 280-214907. PCB-1260 failed the recovery criteria low for the MSD of sample C-SOIL-LIGHTMSD (280-52430-7) in batch 280-214907. Refer to the QC report for details. Due to the dilution, the spiked analytes were diluted out of the sample: therefore, the recoveies could not be calculated.

The following samples underwent a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: (280-52430-7 MS), (280-52430-7 MSD), (LCS 280-214368/2-A), (MB 280-214368/1-A), C-SOIL-DARK (280-52430-8), C-SOIL-LIGHT (280-52430-7)

The following sample appears to contain a mixture of Aroclor-1248 & Aroclor-1254:C-SOIL-LIGHT (280-52430-7). The sample has been quantified and reported as Aroclor-1248 as it appears to be the most prevalent of the Aroclors. Due to these Aroclors having shared peaks there is increased qualitative and quantitative uncertainty associated with this result.

Sample C-SOIL-DARK (280-52430-8) took more time then usual to go down on the S-Evap. The listed sample also remained on the N-Evap for roughly two hours before final volume was achieved. The sample appeared to be bi-phasic. It had a lighter top layer and a darker bottom layer. This sample was thick in consistency, dark and oily.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS) - Wipe
Samples D-CI-15.5-LAB (280-52430-1), C-WI-4-LAB (280-52430-2), F-WI-3-LAB (280-52430-3), H-WI-4-LAB (280-52430-4), I-FI-0-LAB (280-52430-5) and BLANK (280-52430-6) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 02/24/2014 and analyzed on 02/27/2014.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for F-WI-3-LAB (280-52430-3). Refer to the QC report for details. Matrix interference is evident; therefore, re-extraction and/or re-analysis was not performed.

The following samples underwent a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences:(LCS 280-214333/2-A), (LCSD 280-214333/3-A), (MB 280-214333/1-A), BLANK (280-52430-6), C-WI-4-LAB (280-52430-2), D-CI-15.5-LAB (280-52430-1), F-WI-3-LAB (280-52430-3), H-WI-4-LAB (280-52430-4), I-FI-0-LAB (280-52430-5)

Due to target analyte concentration, samples D-CI-15.5-LAB (280-52430-1)[2X] and H-WI-4-LAB (280-52430-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The confirmation column does not have a closing CCV associated with the following samples due to instrument stoppage: (LCS 280-214333/2-A), (LCSD 280-214333/3-A), (MB 280-214333/1-A), BLANK (280-52430-6), C-WI-4-LAB (280-52430-2), D-CI-15.5-LAB (280-52430-1), H-WI-4-LAB (280-52430-4), I-FI-0-LAB (280-52430-5). Results are reported from the primary column which was in control. Targeted hits on the confirmation column agree with the primary column at <10% RPD except for sample 280-52430-3 (22.7% RPD) which is well with-in the SOP limit of 40% RPD.

The following sample appears to contain a mixture of Aroclor-1248 & Aroclor-1254: I-FI-0-LAB (280-52430-5). The sample has been quantified and reported as Aroclor-1248 as it appears to be the most prevalent of the Aroclors. Due to these Aroclors having shared peaks there is increased qualitative and quantitative uncertainty associated with this result.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 214333. LCSD was performed.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples C-SOIL-LIGHT (280-52430-7) and C-SOIL-DARK (280-52430-8) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 02/26/2014.

Percent Moisture exceeded the RPD limit for the duplicate of sample C-SOIL-DARKDU (280-52430-8). Refer to the QC report for details.

No other difficulties were encountered during the % solids analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: D-CI-15.5-LAB — Lab Sample ID: 280-52430-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	13		2.0	0.24	ug/Wipe	2		8082A	Total/NA
Polychlorinated biphenyls, Total	13		2.0	0.16	ug/Wipe	2		8082A	Total/NA

Client Sample ID: C-WI-4-LAB — Lab Sample ID: 280-52430-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.42	J	1.0	0.12	ug/Wipe	1		8082A	Total/NA
Polychlorinated biphenyls, Total	0.42	J	1.0	0.080	ug/Wipe	1		8082A	Total/NA

Client Sample ID: F-WI-3-LAB — Lab Sample ID: 280-52430-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.38	J	1.0	0.12	ug/Wipe	1		8082A	Total/NA
Polychlorinated biphenyls, Total	0.38	J	1.0	0.080	ug/Wipe	1		8082A	Total/NA

Client Sample ID: H-WI-4-LAB — Lab Sample ID: 280-52430-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	57		10	1.2	ug/Wipe	10		8082A	Total/NA
Polychlorinated biphenyls, Total	57		10	0.80	ug/Wipe	10		8082A	Total/NA

Client Sample ID: I-FI-0-LAB — Lab Sample ID: 280-52430-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	5.4		1.0	0.10	ug/Wipe	1		8082A	Total/NA
Polychlorinated biphenyls, Total	5.4		1.0	0.080	ug/Wipe	1		8082A	Total/NA

Client Sample ID: BLANK — Lab Sample ID: 280-52430-6

No Detections.

Client Sample ID: C-SOIL-LIGHT — Lab Sample ID: 280-52430-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	3100		950	160	ug/Kg	30	☼	8082A	Total/NA
Polychlorinated biphenyls, Total	3100		950	76	ug/Kg	30	☼	8082A	Total/NA

Client Sample ID: C-SOIL-DARK — Lab Sample ID: 280-52430-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: D-CI-15.5-LAB

Lab Sample ID: 280-52430-1

Date Collected: 02/24/14 09:45

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		3.0	0.64	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1016	ND		2.0	0.31	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1232	ND		2.0	0.31	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1242	ND		2.0	0.55	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1248	ND		2.0	0.20	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1254	**13**		2.0	0.24	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1260	ND		2.0	0.16	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1262	ND		2.0	0.67	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
PCB-1268	ND		2.0	0.24	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2
Polychlorinated biphenyls, Total	**13**		2.0	0.16	ug/Wipe		02/24/14 21:27	02/27/14 10:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*56 - 113*	*02/24/14 21:27*	*02/27/14 10:50*	*2*
DCB Decachlorobiphenyl	*88*		*57 - 121*	*02/24/14 21:27*	*02/27/14 10:50*	*2*

Client Sample ID: C-WI-4-LAB

Lab Sample ID: 280-52430-2

Date Collected: 02/24/14 11:00

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1254	**0.42**	**J**	1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1
Polychlorinated biphenyls, Total	**0.42**	**J**	1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*56 - 113*	*02/24/14 21:27*	*02/27/14 11:11*	*1*
DCB Decachlorobiphenyl	*96*		*57 - 121*	*02/24/14 21:27*	*02/27/14 11:11*	*1*

Client Sample ID: F-WI-3-LAB

Lab Sample ID: 280-52430-3

Date Collected: 02/24/14 12:10

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1254	**0.38**	**J**	1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1

Client Sample ID: F-WI-3-LAB

Lab Sample ID: 280-52430-3

Date Collected: 02/24/14 12:10

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1
Polychlorinated biphenyls, Total	**0.38**	**J**	1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*56 - 113*	*02/24/14 21:27*	*02/27/14 11:33*	*1*
DCB Decachlorobiphenyl	*45*	*X*	*57 - 121*	*02/24/14 21:27*	*02/27/14 11:33*	*1*

Client Sample ID: H-WI-4-LAB

Lab Sample ID: 280-52430-4

Date Collected: 02/24/14 12:40

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		15	3.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1016	ND		10	1.5	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1232	ND		10	1.5	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1242	ND		10	2.7	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1248	ND		10	1.0	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1254	**57**		10	1.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1260	ND		10	0.80	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1262	ND		10	3.4	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
PCB-1268	ND		10	1.2	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10
Polychlorinated biphenyls, Total	**57**		10	0.80	ug/Wipe		02/24/14 21:27	02/27/14 11:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*	*D*	*56 - 113*	*02/24/14 21:27*	*02/27/14 11:54*	*10*
DCB Decachlorobiphenyl	*99*	*D*	*57 - 121*	*02/24/14 21:27*	*02/27/14 11:54*	*10*

Client Sample ID: I-FI-0-LAB

Lab Sample ID: 280-52430-5

Date Collected: 02/24/14 13:00

Matrix: Wipe

Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1248	**5.4**		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1254	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1
Polychlorinated biphenyls, Total	**5.4**		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*56 - 113*	*02/24/14 21:27*	*02/27/14 12:15*	*1*
DCB Decachlorobiphenyl	*64*		*57 - 121*	*02/24/14 21:27*	*02/27/14 12:15*	*1*

Client Sample ID: BLANK

Lab Sample ID: 280-52430-6

Date Collected: 02/24/14 00:00
Matrix: Wipe
Date Received: 02/24/14 14:40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1254	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1
Polychlorinated biphenyls, Total	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*56 - 113*	*02/24/14 21:27*	*02/27/14 12:37*	*1*
DCB Decachlorobiphenyl	*90*		*57 - 121*	*02/24/14 21:27*	*02/27/14 12:37*	*1*

Client Sample ID: C-SOIL-LIGHT

Lab Sample ID: 280-52430-7

Date Collected: 02/24/14 13:25
Matrix: Solid
Date Received: 02/24/14 14:40
Percent Solids: 97.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1300	450	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1016	ND		950	150	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1232	ND		950	150	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1242	ND		950	260	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1248	**3100**		950	160	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1254	ND		950	160	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1260	ND		950	76	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1262	ND		950	330	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
PCB-1268	ND		950	110	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30
Polychlorinated biphenyls, Total	**3100**		950	76	ug/Kg	☼	02/25/14 09:30	03/01/14 01:25	30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*-6*	*X D*	*53 - 128*	*02/25/14 09:30*	*03/01/14 01:25*	*30*
DCB Decachlorobiphenyl	*-2*	*X D*	*59 - 130*	*02/25/14 09:30*	*03/01/14 01:25*	*30*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**2.5**		0.10	0.10	%			02/26/14 15:33	1

Client Sample ID: C-SOIL-DARK

Lab Sample ID: 280-52430-8

Date Collected: 02/24/14 13:30
Matrix: Solid
Date Received: 02/24/14 14:40
Percent Solids: 97.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		450000	150000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1016	ND		320000	49000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1232	ND		320000	49000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1242	ND		320000	88000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1248	ND		320000	54000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000

Client Sample ID: C-SOIL-DARK

Lab Sample ID: 280-52430-8

Date Collected: 02/24/14 13:30
Matrix: Solid
Date Received: 02/24/14 14:40
Percent Solids: 97.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		320000	53000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1260	ND		320000	25000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1262	ND		320000	110000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
PCB-1268	ND		320000	38000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000
Polychlorinated biphenyls, Total	ND		320000	25000	ug/Kg	☼	02/25/14 09:30	03/01/14 02:36	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X D*	*53 - 128*	*02/25/14 09:30*	*03/01/14 02:36*	*10000*
DCB Decachlorobiphenyl	*0*	*X D*	*59 - 130*	*02/25/14 09:30*	*03/01/14 02:36*	*10000*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**2.3**		0.10	0.10	%			02/26/14 15:33	1

Default Detection Limits

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	RL	MDL	Units	Method
PCB-1016	1.0	0.15	ug/Wipe	8082A
PCB-1016	33	5.1	ug/Kg	8082A
PCB-1221	1.5	0.32	ug/Wipe	8082A
PCB-1221	47	16	ug/Kg	8082A
PCB-1232	1.0	0.15	ug/Wipe	8082A
PCB-1232	33	5.1	ug/Kg	8082A
PCB-1242	1.0	0.27	ug/Wipe	8082A
PCB-1242	33	9.1	ug/Kg	8082A
PCB-1248	1.0	0.10	ug/Wipe	8082A
PCB-1248	33	5.6	ug/Kg	8082A
PCB-1254	1.0	0.12	ug/Wipe	8082A
PCB-1254	33	5.5	ug/Kg	8082A
PCB-1260	1.0	0.080	ug/Wipe	8082A
PCB-1260	33	2.7	ug/Kg	8082A
PCB-1262	1.0	0.34	ug/Wipe	8082A
PCB-1262	33	12	ug/Kg	8082A
PCB-1268	1.0	0.12	ug/Wipe	8082A
PCB-1268	33	4.0	ug/Kg	8082A
Polychlorinated biphenyls, Total	1.0	0.080	ug/Wipe	8082A
Polychlorinated biphenyls, Total	33	2.7	ug/Kg	8082A

General Chemistry

Analyte	RL	MDL	Units	Method
Percent Moisture	0.10	0.10	%	Moisture

Surrogate Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(53-128)	(59-130)
280-52430-7	C-SOIL-LIGHT	-6 X D	-2 X D
280-52430-7 MS	C-SOIL-LIGHT	-8 X D	-9 X D
280-52430-7 MSD	C-SOIL-LIGHT	10 X D	2 X D
280-52430-8	C-SOIL-DARK	0 X D	0 X D
LCS 280-214368/2-A	Lab Control Sample	96	87
MB 280-214368/1-A	Method Blank	87	86

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Wipe **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(56-113)	(57-121)
280-52430-1	D-CI-15.5-LAB	98	88
280-52430-2	C-WI-4-LAB	94	96
280-52430-3	F-WI-3-LAB	89	45 X
280-52430-4	H-WI-4-LAB	92 D	99 D
280-52430-5	I-FI-0-LAB	78	64
280-52430-6	BLANK	97	90
LCS 280-214333/2-A	Lab Control Sample	96	104
LCSD 280-214333/3-A	Lab Control Sample Dup	95	103
MB 280-214333/1-A	Method Blank	95	101

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 280-214333/1-A — **Client Sample ID: Method Blank**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 214701 — **Prep Batch: 214333**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		1.5	0.32	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1016	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1232	ND		1.0	0.15	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1242	ND		1.0	0.27	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1248	ND		1.0	0.10	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1254	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1260	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1262	ND		1.0	0.34	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
PCB-1268	ND		1.0	0.12	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1
Polychlorinated biphenyls, Total	ND		1.0	0.080	ug/Wipe		02/24/14 21:27	02/27/14 09:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*56 - 113*	*02/24/14 21:27*	*02/27/14 09:46*	*1*
DCB Decachlorobiphenyl	*101*		*57 - 121*	*02/24/14 21:27*	*02/27/14 09:46*	*1*

Lab Sample ID: LCS 280-214333/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 214701 — **Prep Batch: 214333**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.00	1.96		ug/Wipe		98	60 - 150
PCB-1260	2.00	1.98		ug/Wipe		99	66 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*56 - 113*
DCB Decachlorobiphenyl	*104*		*57 - 121*

Lab Sample ID: LCSD 280-214333/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Wipe — **Prep Type: Total/NA**
Analysis Batch: 214701 — **Prep Batch: 214333**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	2.00	2.01		ug/Wipe		100	60 - 150	2	30
PCB-1260	2.00	2.02		ug/Wipe		101	66 - 140	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*56 - 113*
DCB Decachlorobiphenyl	*103*		*57 - 121*

Lab Sample ID: MB 280-214368/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 214907 — **Prep Batch: 214368**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		44	15	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1016	ND		31	4.8	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1232	ND		31	4.8	ug/Kg		02/25/14 09:30	03/01/14 00:38	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 280-214368/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 214907 — **Prep Batch: 214368**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		31	8.6	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1248	ND		31	5.3	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1254	ND		31	5.2	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1260	ND		31	2.5	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1262	ND		31	11	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
PCB-1268	ND		31	3.7	ug/Kg		02/25/14 09:30	03/01/14 00:38	1
Polychlorinated biphenyls, Total	ND		31	2.5	ug/Kg		02/25/14 09:30	03/01/14 00:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*53 - 128*	*02/25/14 09:30*	*03/01/14 00:38*	*1*
DCB Decachlorobiphenyl	*86*		*59 - 130*	*02/25/14 09:30*	*03/01/14 00:38*	*1*

Lab Sample ID: LCS 280-214368/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 214907 — **Prep Batch: 214368**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	66.0	66.6		ug/Kg		101	54 - 132
PCB-1260	66.0	64.8		ug/Kg		98	62 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*53 - 128*
DCB Decachlorobiphenyl	*87*		*59 - 130*

Lab Sample ID: 280-52430-7 MS — **Client Sample ID: C-SOIL-LIGHT**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 214907 — **Prep Batch: 214368**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		62.4	1550	D	ug/Kg	☼	NC	54 - 132
PCB-1260	ND		62.4	420	J D	ug/Kg	☼	NC	62 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*-8*	*X D*	*53 - 128*
DCB Decachlorobiphenyl	*-9*	*X D*	*59 - 130*

Lab Sample ID: 280-52430-7 MSD — **Client Sample ID: C-SOIL-LIGHT**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 214907 — **Prep Batch: 214368**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		63.1	1650	D	ug/Kg	☼	NC	54 - 132	6	36
PCB-1260	ND		63.1	464	J D	ug/Kg	☼	NC	62 - 129	10	44

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*10*	*X D*	*53 - 128*
DCB Decachlorobiphenyl	*2*	*X D*	*59 - 130*

Method: Moisture - Percent Moisture

Lab Sample ID: 280-52430-8 DU
Matrix: Solid
Analysis Batch: 214621

Client Sample ID: C-SOIL-DARK
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	2.3			6.1	F3	%				90	20

QC Association Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

GC Semi VOA

Prep Batch: 214333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-52430-1	D-CI-15.5-LAB	Total/NA	Wipe	3550C	
280-52430-2	C-WI-4-LAB	Total/NA	Wipe	3550C	
280-52430-3	F-WI-3-LAB	Total/NA	Wipe	3550C	
280-52430-4	H-WI-4-LAB	Total/NA	Wipe	3550C	
280-52430-5	I-FI-0-LAB	Total/NA	Wipe	3550C	
280-52430-6	BLANK	Total/NA	Wipe	3550C	
LCS 280-214333/2-A	Lab Control Sample	Total/NA	Wipe	3550C	
LCSD 280-214333/3-A	Lab Control Sample Dup	Total/NA	Wipe	3550C	
MB 280-214333/1-A	Method Blank	Total/NA	Wipe	3550C	

Prep Batch: 214368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-52430-7	C-SOIL-LIGHT	Total/NA	Solid	3546	
280-52430-7 MS	C-SOIL-LIGHT	Total/NA	Solid	3546	
280-52430-7 MSD	C-SOIL-LIGHT	Total/NA	Solid	3546	
280-52430-8	C-SOIL-DARK	Total/NA	Solid	3546	
LCS 280-214368/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 280-214368/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 214701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-52430-1	D-CI-15.5-LAB	Total/NA	Wipe	8082A	214333
280-52430-2	C-WI-4-LAB	Total/NA	Wipe	8082A	214333
280-52430-3	F-WI-3-LAB	Total/NA	Wipe	8082A	214333
280-52430-4	H-WI-4-LAB	Total/NA	Wipe	8082A	214333
280-52430-5	I-FI-0-LAB	Total/NA	Wipe	8082A	214333
280-52430-6	BLANK	Total/NA	Wipe	8082A	214333
LCS 280-214333/2-A	Lab Control Sample	Total/NA	Wipe	8082A	214333
LCSD 280-214333/3-A	Lab Control Sample Dup	Total/NA	Wipe	8082A	214333
MB 280-214333/1-A	Method Blank	Total/NA	Wipe	8082A	214333

Analysis Batch: 214907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-52430-7	C-SOIL-LIGHT	Total/NA	Solid	8082A	214368
280-52430-7 MS	C-SOIL-LIGHT	Total/NA	Solid	8082A	214368
280-52430-7 MSD	C-SOIL-LIGHT	Total/NA	Solid	8082A	214368
280-52430-8	C-SOIL-DARK	Total/NA	Solid	8082A	214368
LCS 280-214368/2-A	Lab Control Sample	Total/NA	Solid	8082A	214368
MB 280-214368/1-A	Method Blank	Total/NA	Solid	8082A	214368

General Chemistry

Analysis Batch: 214621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-52430-7	C-SOIL-LIGHT	Total/NA	Solid	Moisture	
280-52430-8	C-SOIL-DARK	Total/NA	Solid	Moisture	
280-52430-8 DU	C-SOIL-DARK	Total/NA	Solid	Moisture	

Lab Chronicle

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: D-CI-15.5-LAB — Lab Sample ID: 280-52430-1

Date Collected: 02/24/14 09:45 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		2			214701	02/27/14 10:50	TDJ	TAL DEN

Client Sample ID: C-WI-4-LAB — Lab Sample ID: 280-52430-2

Date Collected: 02/24/14 11:00 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		1			214701	02/27/14 11:11	TDJ	TAL DEN

Client Sample ID: F-WI-3-LAB — Lab Sample ID: 280-52430-3

Date Collected: 02/24/14 12:10 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		1			214701	02/27/14 11:33	TDJ	TAL DEN

Client Sample ID: H-WI-4-LAB — Lab Sample ID: 280-52430-4

Date Collected: 02/24/14 12:40 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		10			214701	02/27/14 11:54	TDJ	TAL DEN

Client Sample ID: I-FI-0-LAB — Lab Sample ID: 280-52430-5

Date Collected: 02/24/14 13:00 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		1			214701	02/27/14 12:15	TDJ	TAL DEN

Client Sample ID: BLANK — Lab Sample ID: 280-52430-6

Date Collected: 02/24/14 00:00 — **Matrix: Wipe**
Date Received: 02/24/14 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			1 Wipe	10000 uL	214333	02/24/14 21:27	RJM	TAL DEN
Total/NA	Analysis	8082A		1			214701	02/27/14 12:37	TDJ	TAL DEN

Lab Chronicle

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Client Sample ID: C-SOIL-LIGHT

Lab Sample ID: 280-52430-7

Date Collected: 02/24/14 13:25
Matrix: Solid
Date Received: 02/24/14 14:40
Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			32.2 g	10000 uL	214368	02/25/14 09:30	BWJ	TAL DEN
Total/NA	Analysis	8082A		30			214907	03/01/14 01:25	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			214621	02/26/14 15:33	MRB	TAL DEN

Client Sample ID: C-SOIL-DARK

Lab Sample ID: 280-52430-8

Date Collected: 02/24/14 13:30
Matrix: Solid
Date Received: 02/24/14 14:40
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			32.0 g	10000 uL	214368	02/25/14 09:30	BWJ	TAL DEN
Total/NA	Analysis	8082A		10000			214907	03/01/14 02:36	TDJ	TAL DEN
Total/NA	Analysis	Moisture		1			214621	02/26/14 15:33	MRB	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Laboratory: TestAmerica Denver

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2907.01	10-31-15
A2LA	ISO/IEC 17025		2907.01	10-31-15
Alabama	State Program	4	40730	09-30-12 *
Alaska (UST)	State Program	10	UST-30	04-05-14
Arizona	State Program	9	AZ0713	12-19-14
Arkansas DEQ	State Program	6	88-0687	06-01-14
California	State Program	9	2513	08-31-14
Colorado	State Program	8	N/A	09-30-14
Connecticut	State Program	1	PH-0686	09-30-14
Florida	NELAP	4	E87667	06-30-14
Illinois	NELAP	5	200017	04-30-14 *
Iowa	State Program	7	370	12-01-14
Kansas	NELAP	7	E-10166	04-30-14 *
Louisiana	NELAP	6	30785	06-30-14 *
Maine	State Program	1	CO0002	03-03-15
Maryland	State Program	3	268	03-31-14
Minnesota	NELAP	5	8-999-405	12-31-14
Nevada	State Program	9	CO0026	07-31-14
New Hampshire	NELAP	1	205310	04-28-14
New Jersey	NELAP	2	CO004	06-30-14
New Mexico	State Program	6	CO00026	06-30-14
New York	NELAP	2	11964	04-01-14
North Carolina DENR	State Program	4	358	12-31-14
North Dakota	State Program	8	R-034	06-30-14
Oklahoma	State Program	6	8614	08-31-14
Oregon	NELAP	10	CO200001	01-09-15
Pennsylvania	NELAP	3	68-00664	07-30-14 *
South Carolina	State Program	4	72002001	06-30-14
Texas	NELAP	6	T104704183-13-8	10-01-14
USDA	Federal		P330-13-00202	07-02-16
Utah	NELAP	8	CO00026	07-31-14
Virginia	NELAP	3	460232	06-14-14
Washington	State Program	10	C583	08-03-14
West Virginia DEP	State Program	3	354	11-30-14
Wisconsin	State Program	5	999615430	08-31-14
Wyoming (UST)	A2LA	8	2907.01	10-31-15

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: URS Corporation
Project/Site: Moline St., CO

TestAmerica Job ID: 280-52430-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-52430-1	D-CI-15.5-LAB	Wipe	02/24/14 09:45	02/24/14 14:40
280-52430-2	C-WI-4-LAB	Wipe	02/24/14 11:00	02/24/14 14:40
280-52430-3	F-WI-3-LAB	Wipe	02/24/14 12:10	02/24/14 14:40
280-52430-4	H-WI-4-LAB	Wipe	02/24/14 12:40	02/24/14 14:40
280-52430-5	I-FI-0-LAB	Wipe	02/24/14 13:00	02/24/14 14:40
280-52430-6	BLANK	Wipe	02/24/14 00:00	02/24/14 14:40
280-52430-7	C-SOIL-LIGHT	Solid	02/24/14 13:25	02/24/14 14:40
280-52430-8	C-SOIL-DARK	Solid	02/24/14 13:30	02/24/14 14:40

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_P3a Analysis Batch Number: 199792

Lab Sample ID: ICV 280-199792/40 Client Sample ID:

Date Analyzed: 11/08/13 05:16 Lab File ID: 1107A040.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	6.20	Baseline Smoothing	jacksonto	11/08/13 08:25
PCB-1260 Peak 2	6.73	Baseline Smoothing	jacksonto	11/08/13 08:25
PCB-1260 Peak 3	6.94	Baseline Smoothing	jacksonto	11/08/13 08:25
PCB-1260 Peak 4	7.87	Baseline Smoothing	jacksonto	11/08/13 08:25
PCB-1260 Peak 5	8.26	Baseline Smoothing	jacksonto	11/08/13 08:25

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_P3a Analysis Batch Number: 214701

Lab Sample ID: 280-52430-3 Client Sample ID: F-WI-3-LAB

Date Analyzed: 02/27/14 11:33 Lab File ID: 0227A010.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	5.13	Sample matrix interference	jacksonto	02/27/14 12:53
PCB-1254 Peak 2	5.45	Sample matrix interference	jacksonto	02/27/14 12:53
PCB-1254 Peak 3	5.94	Sample matrix interference	jacksonto	02/27/14 12:53
PCB-1254 Peak 4	6.30	Sample matrix interference	jacksonto	02/27/14 12:53
PCB-1254 Peak 5	6.92	Sample matrix interference	jacksonto	02/27/14 12:53
DCB Decachlorobiphenyl	9.83	Sample matrix interference	jacksonto	02/27/14 12:53

Lab Sample ID: 280-52430-5 Client Sample ID: I-FI-0-LAB

Date Analyzed: 02/27/14 12:15 Lab File ID: 0227A012.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	2.89	Split Peak	jacksonto	02/27/14 12:56
PCB-1248 Peak 1	3.61	Sample matrix interference	jacksonto	02/27/14 12:56
PCB-1248 Peak 2	4.08	Sample matrix interference	jacksonto	02/27/14 12:56
PCB-1248 Peak 3	4.68	Sample matrix interference	jacksonto	02/27/14 12:56
PCB-1248 Peak 4	5.07	Sample matrix interference	jacksonto	02/27/14 12:56
PCB-1248 Peak 5	5.94	Sample matrix interference	jacksonto	02/27/14 12:56
DCB Decachlorobiphenyl	9.84	Sample matrix interference	jacksonto	02/27/14 12:56

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_P3a Analysis Batch Number: 214701

Lab Sample ID: CCV 280-214701/21 Client Sample ID:

Date Analyzed: 02/27/14 15:58 Lab File ID: 0227A021.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	3.61	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1016 Peak 2	4.09	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1016 Peak 3	4.23	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1016 Peak 4	4.29	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1016 Peak 5	4.68	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1260 Peak 1	6.18	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1260 Peak 2	6.71	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1260 Peak 3	6.92	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1260 Peak 4	7.85	Sample matrix interference	jacksonto	02/28/14 06:57
PCB-1260 Peak 5	8.24	Sample matrix interference	jacksonto	02/28/14 06:57
DCB Decachlorobiphenyl	9.83	Sample matrix interference	jacksonto	02/28/14 06:57

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_W Analysis Batch Number: 209757

Lab Sample ID: STDL31248 280-209757/5 IC Client Sample ID:

Date Analyzed: 01/23/14 15:32 Lab File ID: 01231405.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248 Peak 1	5.11	Split Peak	jacksonto	01/24/14 08:36
PCB-1248 Peak 2	5.79	Split Peak	jacksonto	01/24/14 08:36
PCB-1248 Peak 3	6.75	Split Peak	jacksonto	01/24/14 08:36
PCB-1248 Peak 4	7.37	Split Peak	jacksonto	01/24/14 08:36
PCB-1248 Peak 5	7.45	Split Peak	jacksonto	01/24/14 08:36

Lab Sample ID: STDL72154 280-209757/8 IC Client Sample ID:

Date Analyzed: 01/23/14 16:42 Lab File ID: 01231408.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	7.24	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 2	8.15	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 3	8.35	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 4	9.16	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 5	9.64	Baseline Smoothing	jacksonto	01/24/14 08:37

Lab Sample ID: STDL62154 280-209757/9 IC Client Sample ID:

Date Analyzed: 01/23/14 17:05 Lab File ID: 01231409.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	7.24	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 2	8.15	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 3	8.36	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 4	9.16	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 5	9.65	Baseline Smoothing	jacksonto	01/24/14 08:37

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_W Analysis Batch Number: 209757

Lab Sample ID: STDL52154 280-209757/10 I Client Sample ID:

Date Analyzed: 01/23/14 17:29 Lab File ID: 01231410.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	7.24	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 2	8.15	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 3	8.36	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 4	9.16	Baseline Smoothing	jacksonto	01/24/14 08:37
PCB-1254 Peak 5	9.65	Baseline Smoothing	jacksonto	01/24/14 08:37

Lab Sample ID: STDL22154 280-209757/13 I Client Sample ID:

Date Analyzed: 01/23/14 18:39 Lab File ID: 01231413.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	4.25	Baseline Smoothing	jacksonto	01/24/14 08:45
PCB-1221 Peak 2	4.46	Baseline Smoothing	jacksonto	01/24/14 08:45
PCB-1221 Peak 3	4.52	Baseline Smoothing	jacksonto	01/24/14 08:45

Lab Sample ID: STDL22154 280-209757/13 I Client Sample ID:

Date Analyzed: 01/23/14 18:39 Lab File ID: 01231413.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	4.26	Baseline Smoothing	jacksonto	01/24/14 08:45
PCB-1221 Peak 2	4.45	Baseline Smoothing	jacksonto	01/24/14 08:45
PCB-1221 Peak 3	4.53	Baseline Smoothing	jacksonto	01/24/14 08:45

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_W Analysis Batch Number: 209757

Lab Sample ID: STDL11660 280-209757/21 I Client Sample ID:

Date Analyzed: 01/23/14 21:46 Lab File ID: 01231421.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	8.68	Split Peak	jacksonto	01/24/14 08:42
PCB-1260 Peak 2	9.65	Split Peak	jacksonto	01/24/14 08:42
PCB-1260 Peak 3	10.29	Split Peak	jacksonto	01/24/14 08:42
PCB-1260 Peak 4	10.84	Split Peak	jacksonto	01/24/14 08:42
PCB-1260 Peak 5	11.34	Split Peak	jacksonto	01/24/14 08:42

Lab Sample ID: STDL11660 280-209757/21 I Client Sample ID:

Date Analyzed: 01/23/14 21:46 Lab File ID: 01231421.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	4.53	Split Peak	jacksonto	01/24/14 08:41
PCB-1016 Peak 2	5.12	Split Peak	jacksonto	01/24/14 08:41
PCB-1016 Peak 3	5.79	Split Peak	jacksonto	01/24/14 08:41
PCB-1016 Peak 4	6.00	Split Peak	jacksonto	01/24/14 08:41
PCB-1016 Peak 5	6.33	Split Peak	jacksonto	01/24/14 08:41

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_W Analysis Batch Number: 209757

Lab Sample ID: STDL73262 280-209757/22 I Client Sample ID:

Date Analyzed: 01/23/14 22:09 Lab File ID: 01231422.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	4.25	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1232 Peak 2	4.53	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1232 Peak 3	5.79	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1232 Peak 4	6.00	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1232 Peak 5	6.95	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1262 Peak 1	8.88	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1262 Peak 2	9.25	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1262 Peak 3	10.03	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1262 Peak 4	10.55	Baseline Smoothing	jacksonto	01/24/14 08:39
PCB-1262 Peak 5	11.00	Baseline Smoothing	jacksonto	01/24/14 08:39

Lab Sample ID: ICV 280-209757/37 Client Sample ID:

Date Analyzed: 01/24/14 03:59 Lab File ID: 01231437.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	4.26	Baseline Smoothing	jacksonto	01/24/14 08:53
PCB-1221 Peak 2	4.45	Baseline Smoothing	jacksonto	01/24/14 08:53
PCB-1221 Peak 3	4.53	Baseline Smoothing	jacksonto	01/24/14 08:53

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Instrument ID: SGC_W Analysis Batch Number: 214907

Lab Sample ID: MB 280-214368/1-A Client Sample ID:

Date Analyzed: 03/01/14 00:38 Lab File ID: 02281439.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.98	Split Peak	jacksonto	03/01/14 12:38

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8081/82 Surr_00063	08/06/14	02/06/14	ACETONE, Lot B&JAcetone_00010	1000 mL	AR_SURR_RES_00010	1 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.AR_SURR_RES_00010	02/06/15		RESTEK, Lot A094732		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8082 LCS_00035	04/29/14	10/29/13	ACETONE, Lot Acetone_00075	500 mL	8082LCSSTOCK_00022	1 mL	PCB-1016	2 ug/mL
							PCB-1260	2 ug/mL
.8082LCSSTOCK_00022	04/30/19		RESTEK, Lot A092844		(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1260	1000 ug/mL
AR_1248_ICV_00002	02/22/14	08/22/13	Hexane, Lot 32783	100 mL	AR_1248_RESss_00001	25 uL	PCB-1248	250 ng/mL
.AR_1248_RESss_00001	08/22/14		RESTEK, Lot A094339		(Purchased Reagent)		PCB-1248	1000 ug/mL
AR_1248_L1_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	0.25 mL	PCB-1248 Peak 1	0.025 ug/mL
							PCB-1248 Peak 2	0.025 ug/mL
							PCB-1248 Peak 3	0.025 ug/mL
							PCB-1248 Peak 4	0.025 ug/mL
							PCB-1248 Peak 5	0.025 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21		Accustandard, Lot 211071294		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L1_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	0.25 mL	PCB-1248 Peak 1	0.025 ug/mL
							PCB-1248 Peak 2	0.025 ug/mL
							PCB-1248 Peak 3	0.025 ug/mL
							PCB-1248 Peak 4	0.025 ug/mL
							PCB-1248 Peak 5	0.025 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_RES_00002	12/05/14		RESTEK, Lot A092864		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L2_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 5	0.05 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L2_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L3_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L3_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L4_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	2.5 mL	PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L4_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	2.5 mL	PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L5_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L5_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L6_00008	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_1248_L7_00005	7.5 mL	PCB-1248 Peak 1	0.75 ug/mL
							PCB-1248 Peak 2	0.75 ug/mL
							PCB-1248 Peak 3	0.75 ug/mL
							PCB-1248 Peak 4	0.75 ug/mL
							PCB-1248 Peak 5	0.75 ug/mL
.AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L6_00009	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_1248_L7_00006	7.5 mL	PCB-1248 Peak 1	0.75 ug/mL
							PCB-1248 Peak 2	0.75 ug/mL
							PCB-1248 Peak 3	0.75 ug/mL
							PCB-1248 Peak 4	0.75 ug/mL
							PCB-1248 Peak 5	0.75 ug/mL
.AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1248_ACC_00007	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.AR_1248_ACC_00007	07/25/21	Accustandard, Lot 211071294			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1248_RES_00002	100 uL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.AR_1248_RES_00002	12/05/14	RESTEK, Lot A092864			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1660_ICV_00002	02/22/14	08/22/13	Hexane, Lot 32783	100 mL	AR_1660_RESss_00001	25 uL	PCB-1016	250 ng/mL
							PCB-1260	250 ng/mL
.AR_1660_RESss_00001	08/22/14	RESTEK, Lot A094336			(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1260	1000 ug/mL
AR_1660_L1_00020	01/09/14	07/15/13	hexane, Lot 23181	10 mL	AR_1660_L7_00012	0.25 mL	PCB-1016 Peak 1	0.025 ug/mL
							PCB-1016 Peak 2	0.025 ug/mL
							PCB-1016 Peak 3	0.025 ug/mL
							PCB-1016 Peak 4	0.025 ug/mL
							PCB-1016 Peak 5	0.025 ug/mL
							PCB-1260 Peak 1	0.025 ug/mL
							PCB-1260 Peak 2	0.025 ug/mL
							PCB-1260 Peak 3	0.025 ug/mL
							PCB-1260 Peak 4	0.025 ug/mL
							PCB-1260 Peak 5	0.025 ug/mL
							DCB Decachlorobiphenyl	0.00125 ug/mL
							Tetrachloro-m-xylene	0.00125 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L1_00021	06/05/14	12/05/13	hexane, Lot 36784	10 mL	AR_1660_L7_00014	0.25 mL	PCB-1016 Peak 1	0.025 ug/mL
							PCB-1016 Peak 2	0.025 ug/mL
							PCB-1016 Peak 3	0.025 ug/mL
							PCB-1016 Peak 4	0.025 ug/mL
							PCB-1016 Peak 5	0.025 ug/mL
							PCB-1260 Peak 1	0.025 ug/mL
							PCB-1260 Peak 2	0.025 ug/mL
							PCB-1260 Peak 3	0.025 ug/mL
							PCB-1260 Peak 4	0.025 ug/mL
							PCB-1260 Peak 5	0.025 ug/mL
							DCB Decachlorobiphenyl	0.00125 ug/mL
							Tetrachloro-m-xylene	0.00125 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14	RESTEK, Lot A087034			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14	RESTEK, Lot A092533			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L2_00019	01/09/14	07/15/13	hexane, Lot 23181	10 mL	AR_1660_L7_00012	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
							DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L2_00020	06/05/14	12/05/13	hexane, Lot 36784	10 mL	AR_1660_L7_00014	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
							DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14	RESTEK, Lot A087034			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14	RESTEK, Lot A092533			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L3_00020	01/09/14	07/15/13	hexane, Lot 23181	10 mL	AR_1660_L7_00012	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
							DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L3_00021	06/05/14	12/05/13	hexane, Lot 36784	10 mL	AR_1660_L7_00014	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
							DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14		RESTEK, Lot A087034		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14		RESTEK, Lot A092533		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L4_00057	01/09/14	07/15/13	hexane, Lot 23181	10 mL	AR_1660_L7_00012	2.5 mL	PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
							DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14		ACCUSTANDARD, Lot 212061353		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14		ACCUSTANDARD, Lot 212041025		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14		Accustandard, Lot 211031069		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
AR_1660_L4_00058	06/05/14	12/05/13	hexane, Lot 36784	10 mL	AR_1660_L7_00014	2.5 mL	PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
							DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14	RESTEK, Lot A087034			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14	RESTEK, Lot A092533			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L5_00045	01/10/14	10/24/13	hexane, Lot 36784	25 mL	AR_1660_L7_00012	12.5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	0.025 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L5_00046	06/05/14	12/05/13	hexane, Lot 36784	25 mL	AR_1660_L7_00014	12.5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14		RESTEK, Lot A090974		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14		RESTEK, Lot A087034		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14		RESTEK, Lot A092533		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L5_00048	06/05/14	01/28/14	hexane, Lot 36784	25 mL	AR_1660_L7_00014	12.5 mL	PCB-1016	0.5 ug/mL
							PCB-1260	0.5 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14		RESTEK, Lot A090974		(Purchased Reagent)		PCB-1016	1000 ug/mL
..AR_1260_RES_00002	12/05/14		RESTEK, Lot A087034		(Purchased Reagent)		PCB-1260	1000 ug/mL
..AR_SURR_RES_00005	12/05/14		RESTEK, Lot A092533		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L6_00021	01/09/14	07/15/13	hexane, Lot 23181	10 mL	AR_1660_L7_00012	7.5 mL	PCB-1016 Peak 1	0.75 ug/mL
							PCB-1016 Peak 2	0.75 ug/mL
							PCB-1016 Peak 3	0.75 ug/mL
							PCB-1016 Peak 4	0.75 ug/mL
							PCB-1016 Peak 5	0.75 ug/mL
							PCB-1260 Peak 1	0.75 ug/mL
							PCB-1260 Peak 2	0.75 ug/mL
							PCB-1260 Peak 3	0.75 ug/mL
							PCB-1260 Peak 4	0.75 ug/mL
							PCB-1260 Peak 5	0.75 ug/mL
							DCB Decachlorobiphenyl	0.0375 ug/mL
							Tetrachloro-m-xylene	0.0375 ug/mL
.AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L6_00022	06/05/14	12/05/13	hexane, Lot 36784	10 mL	AR_1660_L7_00014	7.5 mL	PCB-1016 Peak 1	0.75 ug/mL
							PCB-1016 Peak 2	0.75 ug/mL
							PCB-1016 Peak 3	0.75 ug/mL
							PCB-1016 Peak 4	0.75 ug/mL
							PCB-1016 Peak 5	0.75 ug/mL
							PCB-1260 Peak 1	0.75 ug/mL
							PCB-1260 Peak 2	0.75 ug/mL
							PCB-1260 Peak 3	0.75 ug/mL
							PCB-1260 Peak 4	0.75 ug/mL
							PCB-1260 Peak 5	0.75 ug/mL
							DCB Decachlorobiphenyl	0.0375 ug/mL
							Tetrachloro-m-xylene	0.0375 ug/mL
.AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
..AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..AR_1260_RES_00002	12/05/14	RESTEK, Lot A087034			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..AR_SURR_RES_00005	12/05/14	RESTEK, Lot A092533			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L7_00012	01/10/14	07/10/13	Hexane, Lot 23181	100 mL	AR_1016_ACC_00009	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_ACC_00008	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_ACC_00008	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.AR_1016_ACC_00009	07/10/14	ACCUSTANDARD, Lot 212061353			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
.AR_1260_ACC_00008	07/10/14	ACCUSTANDARD, Lot 212041025			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.AR_SURR_ACC_00008	07/10/14	Accustandard, Lot 211031069			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_1660_L7_00014	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1016_RES_00003	100 uL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					AR_1260_RES_00002	100 uL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					AR_SURR_RES_00005	25 uL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.AR_1016_RES_00003	12/05/14	RESTEK, Lot A090974			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
.AR_1260_RES_00002	12/05/14	RESTEK, Lot A087034			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.AR_SURR_RES_00005	12/05/14	RESTEK, Lot A092533			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_2154_ICV_00002	02/22/14	08/22/13	Hexane, Lot 32783	100 mL	AR_1221_RESss_00001	25 uL	PCB-1221	250 ng/mL
					AR_1254_RESss_00001	25 uL	PCB-1254	250 ng/mL
.AR_1221_RESss_00001	08/22/14	RESTEK, Lot A094157			(Purchased Reagent)		PCB-1221	1000 ug/mL
.AR_1254_RESss_00001	08/22/14	RESTEK, Lot A095778			(Purchased Reagent)		PCB-1254	1000 ug/mL
AR_2154_L1_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	0.25 mL	PCB-1221 Peak 1	0.025 ug/mL
							PCB-1221 Peak 2	0.025 ug/mL
							PCB-1221 Peak 3	0.025 ug/mL
							PCB-1254 Peak 1	0.025 ug/mL
							PCB-1254 Peak 2	0.025 ug/mL
							PCB-1254 Peak 3	0.025 ug/mL
							PCB-1254 Peak 4	0.025 ug/mL
							PCB-1254 Peak 5	0.025 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L1_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	0.25 mL	PCB-1221 Peak 1	0.025 ug/mL
							PCB-1221 Peak 2	0.025 ug/mL
							PCB-1221 Peak 3	0.025 ug/mL
							PCB-1254 Peak 1	0.025 ug/mL
							PCB-1254 Peak 2	0.025 ug/mL
							PCB-1254 Peak 3	0.025 ug/mL
							PCB-1254 Peak 4	0.025 ug/mL
							PCB-1254 Peak 5	0.025 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14		RESTEK, Lot A093551		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14		RESTEK, Lot A093609		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L2_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20		Accustandard, Lot 210081358		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22		Accustandard, Lot 212041262		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L2_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L3_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L3_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L4_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	2.5 mL	PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL
							PCB-1221 Peak 3	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L4_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	2.5 mL	PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL
							PCB-1221 Peak 3	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L5_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L5_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L6_00008	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_2154_L7_00006	7.5 mL	PCB-1221 Peak 1	0.75 ug/mL
							PCB-1221 Peak 2	0.75 ug/mL
							PCB-1221 Peak 3	0.75 ug/mL
							PCB-1254 Peak 1	0.75 ug/mL
							PCB-1254 Peak 2	0.75 ug/mL
							PCB-1254 Peak 3	0.75 ug/mL
							PCB-1254 Peak 4	0.75 ug/mL
							PCB-1254 Peak 5	0.75 ug/mL
.AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L6_00009	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_2154_L7_00007	7.5 mL	PCB-1221 Peak 1	0.75 ug/mL
							PCB-1221 Peak 2	0.75 ug/mL
							PCB-1221 Peak 3	0.75 ug/mL
							PCB-1254 Peak 1	0.75 ug/mL
							PCB-1254 Peak 2	0.75 ug/mL
							PCB-1254 Peak 3	0.75 ug/mL
							PCB-1254 Peak 4	0.75 ug/mL
							PCB-1254 Peak 5	0.75 ug/mL
.AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1221_ACC_00007	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00007	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.AR_1221_ACC_00007	08/30/20	Accustandard, Lot 210081358			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
.AR_1254_ACC_00007	04/18/22	Accustandard, Lot 212041262			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1221_RES_00002	100 uL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_RES_00002	100 uL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.AR_1221_RES_00002	12/05/14	RESTEK, Lot A093551			(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
.AR_1254_RES_00002	12/05/14	RESTEK, Lot A093609			(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
AR_3262_ICV_00002	02/22/14	08/22/13	Hexane, Lot 32783	100 mL	AR_1232_RESss_00001	25 uL	PCB-1232	250 ng/mL
					AR_1262_RESss_00001	25 uL	PCB-1262	250 ng/mL
.AR_1232_RESss_00001	08/22/14		RESTEK, Lot A095877		(Purchased Reagent)		PCB-1232	1000 ug/mL
.AR_1262_RESss_00001	08/22/14		RESTEK, Lot A094156		(Purchased Reagent)		PCB-1262	1000 ug/mL
AR_3262_L1_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	0.25 mL	PCB-1232 Peak 1	0.025 ug/mL
							PCB-1232 Peak 2	0.025 ug/mL
							PCB-1232 Peak 3	0.025 ug/mL
							PCB-1232 Peak 4	0.025 ug/mL
							PCB-1232 Peak 5	0.025 ug/mL
							PCB-1262 Peak 1	0.025 ug/mL
							PCB-1262 Peak 2	0.025 ug/mL
							PCB-1262 Peak 3	0.025 ug/mL
							PCB-1262 Peak 4	0.025 ug/mL
							PCB-1262 Peak 5	0.025 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22		Accustandard, Lot 212061306		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00007	01/23/14		accustandard, Lot B4010239		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L1_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	0.25 mL	PCB-1232 Peak 1	0.025 ug/mL
							PCB-1232 Peak 2	0.025 ug/mL
							PCB-1232 Peak 3	0.025 ug/mL
							PCB-1232 Peak 4	0.025 ug/mL
							PCB-1232 Peak 5	0.025 ug/mL
							PCB-1262 Peak 1	0.025 ug/mL
							PCB-1262 Peak 2	0.025 ug/mL
							PCB-1262 Peak 3	0.025 ug/mL
							PCB-1262 Peak 4	0.025 ug/mL
							PCB-1262 Peak 5	0.025 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14	RESTEK, Lot A094370			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14	RESTEK, Lot A095835			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L2_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
							PCB-1262 Peak 1	0.05 ug/mL
							PCB-1262 Peak 2	0.05 ug/mL
							PCB-1262 Peak 3	0.05 ug/mL
							PCB-1262 Peak 4	0.05 ug/mL
							PCB-1262 Peak 5	0.05 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22	Accustandard, Lot 212061306			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00007	01/23/14	accustandard, Lot B4010239			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
AR_3262_L2_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
							PCB-1262 Peak 1	0.05 ug/mL
							PCB-1262 Peak 2	0.05 ug/mL
							PCB-1262 Peak 3	0.05 ug/mL
							PCB-1262 Peak 4	0.05 ug/mL
							PCB-1262 Peak 5	0.05 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14	RESTEK, Lot A094370			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14	RESTEK, Lot A095835			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L3_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
							PCB-1262 Peak 1	0.1 ug/mL
							PCB-1262 Peak 2	0.1 ug/mL
							PCB-1262 Peak 3	0.1 ug/mL
							PCB-1262 Peak 4	0.1 ug/mL
							PCB-1262 Peak 5	0.1 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22	Accustandard, Lot 212061306			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00007	01/23/14	accustandard, Lot B4010239			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L3_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
							PCB-1262 Peak 1	0.1 ug/mL
							PCB-1262 Peak 2	0.1 ug/mL
							PCB-1262 Peak 3	0.1 ug/mL
							PCB-1262 Peak 4	0.1 ug/mL
							PCB-1262 Peak 5	0.1 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14	RESTEK, Lot A094370			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14	RESTEK, Lot A095835			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L4_00011	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	2.5 mL	PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 5	0.25 ug/mL
							PCB-1262 Peak 1	0.25 ug/mL
							PCB-1262 Peak 2	0.25 ug/mL
							PCB-1262 Peak 3	0.25 ug/mL
							PCB-1262 Peak 4	0.25 ug/mL
							PCB-1262 Peak 5	0.25 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22	Accustandard, Lot 212061306			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00007	01/23/14	accustandard, Lot B4010239			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L4_00012	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	2.5 mL	PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL
							PCB-1232 Peak 5	0.25 ug/mL
							PCB-1262 Peak 1	0.25 ug/mL
							PCB-1262 Peak 2	0.25 ug/mL
							PCB-1262 Peak 3	0.25 ug/mL
							PCB-1262 Peak 4	0.25 ug/mL
							PCB-1262 Peak 5	0.25 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14	RESTEK, Lot A094370			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14	RESTEK, Lot A095835			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L5_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
							PCB-1262 Peak 1	0.5 ug/mL
							PCB-1262 Peak 2	0.5 ug/mL
							PCB-1262 Peak 3	0.5 ug/mL
							PCB-1262 Peak 4	0.5 ug/mL
							PCB-1262 Peak 5	0.5 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22	Accustandard, Lot 212061306			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00007	01/23/14	accustandard, Lot B4010239			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L5_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
							PCB-1262 Peak 1	0.5 ug/mL
							PCB-1262 Peak 2	0.5 ug/mL
							PCB-1262 Peak 3	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 4	0.5 ug/mL
							PCB-1262 Peak 5	0.5 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14	RESTEK, Lot A094370			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14	RESTEK, Lot A095835			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L6_00008	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_3262_L7_00006	7.5 mL	PCB-1232 Peak 1	0.75 ug/mL
							PCB-1232 Peak 2	0.75 ug/mL
							PCB-1232 Peak 3	0.75 ug/mL
							PCB-1232 Peak 4	0.75 ug/mL
							PCB-1232 Peak 5	0.75 ug/mL
							PCB-1262 Peak 1	0.75 ug/mL
							PCB-1262 Peak 2	0.75 ug/mL
							PCB-1262 Peak 3	0.75 ug/mL
							PCB-1262 Peak 4	0.75 ug/mL
							PCB-1262 Peak 5	0.75 ug/mL
.AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00007	06/25/22	Accustandard, Lot 212061306			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..AR_1262_ACC_00007	01/23/14		accustandard, Lot B4010239		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L6_00009	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_3262_L7_00007	7.5 mL	PCB-1232 Peak 1	0.75 ug/mL
							PCB-1232 Peak 2	0.75 ug/mL
							PCB-1232 Peak 3	0.75 ug/mL
							PCB-1232 Peak 4	0.75 ug/mL
							PCB-1232 Peak 5	0.75 ug/mL
							PCB-1262 Peak 1	0.75 ug/mL
							PCB-1262 Peak 2	0.75 ug/mL
							PCB-1262 Peak 3	0.75 ug/mL
							PCB-1262 Peak 4	0.75 ug/mL
							PCB-1262 Peak 5	0.75 ug/mL
.AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_RES_00002	12/05/14		RESTEK, Lot A094370		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_RES_00003	12/05/14		RESTEK, Lot A095835		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L7_00006	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1232_ACC_00007	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00007	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
.AR_1232_ACC_00007	06/25/22		Accustandard, Lot 212061306		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
.AR_1262_ACC_00007	01/23/14		accustandard, Lot B4010239		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L7_00007	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1232_RES_00002	100 uL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_RES_00003	100 uL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
.AR_1232_RES_00002	12/05/14		RESTEK, Lot A094370		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
.AR_1262_RES_00003	12/05/14		RESTEK, Lot A095835		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_4268_ICV_00002	02/22/14	08/22/13	Hexane, Lot 32783	100 mL	AR_1242_RESss_00001	25 uL	PCB-1242	250 ng/mL
					AR_1268_RESss_00001	25 uL	PCB-1268	250 ng/mL
.AR_1242_RESss_00001	08/22/14		RESTEK, Lot A095785		(Purchased Reagent)		PCB-1242	1000 ug/mL
.AR_1268_RESss_00001	08/22/14		RESTEK, Lot A095820		(Purchased Reagent)		PCB-1268	1000 ug/mL
AR_4268_L1_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	0.25 mL	PCB-1242 Peak 1	0.025 ug/mL
							PCB-1242 Peak 2	0.025 ug/mL
							PCB-1242 Peak 3	0.025 ug/mL
							PCB-1242 Peak 4	0.025 ug/mL
							PCB-1242 Peak 5	0.025 ug/mL
							PCB-1268 Peak 1	0.025 ug/mL
							PCB-1268 Peak 2	0.025 ug/mL
							PCB-1268 Peak 3	0.025 ug/mL
							PCB-1268 Peak 4	0.025 ug/mL
							PCB-1268 Peak 5	0.025 ug/mL
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L1_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	0.25 mL	PCB-1242 Peak 1	0.025 ug/mL
							PCB-1242 Peak 2	0.025 ug/mL
							PCB-1242 Peak 3	0.025 ug/mL
							PCB-1242 Peak 4	0.025 ug/mL
							PCB-1242 Peak 5	0.025 ug/mL
							PCB-1268 Peak 1	0.025 ug/mL
							PCB-1268 Peak 2	0.025 ug/mL
							PCB-1268 Peak 3	0.025 ug/mL
							PCB-1268 Peak 4	0.025 ug/mL
							PCB-1268 Peak 5	0.025 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L2_00009	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
							PCB-1268 Peak 1	0.05 ug/mL
							PCB-1268 Peak 2	0.05 ug/mL
							PCB-1268 Peak 3	0.05 ug/mL
							PCB-1268 Peak 4	0.05 ug/mL
							PCB-1268 Peak 5	0.05 ug/mL
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L2_00010	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
							PCB-1268 Peak 1	0.05 ug/mL
							PCB-1268 Peak 2	0.05 ug/mL
							PCB-1268 Peak 3	0.05 ug/mL
							PCB-1268 Peak 4	0.05 ug/mL
							PCB-1268 Peak 5	0.05 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L3_00009	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
							PCB-1268 Peak 1	0.1 ug/mL
							PCB-1268 Peak 2	0.1 ug/mL
							PCB-1268 Peak 3	0.1 ug/mL
							PCB-1268 Peak 4	0.1 ug/mL
							PCB-1268 Peak 5	0.1 ug/mL
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L3_00010	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
							PCB-1268 Peak 1	0.1 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	0.1 ug/mL
							PCB-1268 Peak 3	0.1 ug/mL
							PCB-1268 Peak 4	0.1 ug/mL
							PCB-1268 Peak 5	0.1 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L4_00012	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	2.5 mL	PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
							PCB-1268 Peak 1	0.25 ug/mL
							PCB-1268 Peak 2	0.25 ug/mL
							PCB-1268 Peak 3	0.25 ug/mL
							PCB-1268 Peak 4	0.25 ug/mL
							PCB-1268 Peak 5	0.25 ug/mL
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L4_00013	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	2.5 mL	PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
							PCB-1268 Peak 1	0.25 ug/mL
							PCB-1268 Peak 2	0.25 ug/mL
							PCB-1268 Peak 3	0.25 ug/mL
							PCB-1268 Peak 4	0.25 ug/mL
							PCB-1268 Peak 5	0.25 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L5_00010	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
							PCB-1268 Peak 1	0.5 ug/mL
							PCB-1268 Peak 2	0.5 ug/mL
							PCB-1268 Peak 3	0.5 ug/mL
							PCB-1268 Peak 4	0.5 ug/mL
							PCB-1268 Peak 5	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L5_00011	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
							PCB-1268 Peak 1	0.5 ug/mL
							PCB-1268 Peak 2	0.5 ug/mL
							PCB-1268 Peak 3	0.5 ug/mL
							PCB-1268 Peak 4	0.5 ug/mL
							PCB-1268 Peak 5	0.5 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L6_00007	01/15/14	07/15/13	Hexane, Lot 23181	10 mL	AR_4268_L7_00005	7.5 mL	PCB-1242 Peak 1	0.75 ug/mL
							PCB-1242 Peak 2	0.75 ug/mL
							PCB-1242 Peak 3	0.75 ug/mL
							PCB-1242 Peak 4	0.75 ug/mL
							PCB-1242 Peak 5	0.75 ug/mL
							PCB-1268 Peak 1	0.75 ug/mL
							PCB-1268 Peak 2	0.75 ug/mL
							PCB-1268 Peak 3	0.75 ug/mL
							PCB-1268 Peak 4	0.75 ug/mL
							PCB-1268 Peak 5	0.75 ug/mL
.AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L6_00008	06/05/14	12/05/13	Hexane, Lot 36784	10 mL	AR_4268_L7_00006	7.5 mL	PCB-1242 Peak 1	0.75 ug/mL
							PCB-1242 Peak 2	0.75 ug/mL
							PCB-1242 Peak 3	0.75 ug/mL
							PCB-1242 Peak 4	0.75 ug/mL
							PCB-1242 Peak 5	0.75 ug/mL
							PCB-1268 Peak 1	0.75 ug/mL
							PCB-1268 Peak 2	0.75 ug/mL
							PCB-1268 Peak 3	0.75 ug/mL
							PCB-1268 Peak 4	0.75 ug/mL
							PCB-1268 Peak 5	0.75 ug/mL
.AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L7_00005	01/15/14	07/15/13	Hexane, Lot 23181	100 mL	AR_1242_ACC_00007	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00007	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
.AR_1242_ACC_00007	09/07/21	Accustandard, Lot 212101235			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
.AR_1268_ACC_00007	09/16/19	Accustandard, Lot 209091091			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L7_00006	06/05/14	12/05/13	Hexane, Lot 36784	100 mL	AR_1242_RES_00002	100 uL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_RES_00002	100 uL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
.AR_1242_RES_00002	12/05/14	RESTEK, Lot A090182			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
.AR_1268_RES_00002	12/05/14	RESTEK, Lot A094374			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL

Reagent

8081/82 Surr_00063

TestAmerica

8081/82 Surr_00063

Reagent ID: 8081/82 Surr_00063

		Expiration Date:	08/06/2014
Description:	0.2ug/mL 8081/82 Surrogate	Laboratory:	TestAmerica Denver
No. of Bottles:	2	Prepared By:	Wiggins, Joshua J
Storage Location:	North Prep	Solvent:	ACETONE
Reagent Volume:	1000.000 mL	Solvent Lot:	B&JAcetone 00010
Creation Date:	02/06/2014		
Container(s):	2494942, 2494943		
Comment:	Take 1 mL of AR_SURR_RES (Restek Cat# 32000) and dilute to 1000 mL in Acetone. Expires after 6 months.		

Reagent Analyte Information

Analyte	Source ID	Source Exp. Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
DCB Decachlorobiphenyl	AR_SURR_RES_00010	02/06/2015	200.00000	ug/mL	0.20000	ug/mL
Tetrachloro-m-xylene	AR_SURR_RES_00010	02/06/2015	200.00000	ug/mL	0.20000	ug/mL

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
AR_SURR_RES_00010	Pesticide Surrogate Mix 200ppm	ASTD	02/06/15	RESTEK	A094732	32000	1.00000	mL

2/7/14

Report Date: 07-Feb-2014 11:34:46 Chrom Revision: 2.1 15-Jan-2014 14:06:26

Preliminary Report

TestAmerica Denver

Recovery Report

Data File:	\\Denchrom\ChromData\SGC_C\20140207-19805.b\02070065.D				
Lims ID:	8081/82 SURR_63	Lab Sample ID:	Client 280-211942/65-A		
Client ID:					
Sample Type:	Client				
Inject. Date:	07-Feb-2014 11:15:15	ALS Bottle#:	96	Worklist Smp#:	65
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	8081/82 SURR_63				
Operator ID:	DW	Instrument ID:	SGC_C		
Method:	\\Denchrom\ChromData\SGC_C\20140207-19805.b\8081 C.m				
Limit Group:	GCSV - 8081A				
Last Update:	07-Feb-2014 11:30:45	Calib Date:	30-Jan-2014 12:17:58		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_C\20140130-19490.b\01300015.D				
Column 1 :	RTI-35silms Chlorinated Pesticides (0.32 mm)		Det: GC ECD1A		
Column 2 :	RTI-XLB Chlorinated Pesticides (0.32 mm)		Det: GC ECD2B		
Process Host:	XAWRK034				

Surrogate Recovery, Detector: GC ECD1A

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 Tetrachloro-m-xylene	50.0	48.1	96.21
$ 41 DCB Decachlorobiphenyl	50.0	49.2	98.39

Surrogate Recovery, Detector: GC ECD2B

Compound	Amount Added	Amount Recovered	% Rec.
$ 7 Tetrachloro-m-xylene	50.0	45.9	91.78
$ 41 DCB Decachlorobiphenyl	50.0	50.9	101.71

Reagent

8082 LCS_00035

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

8082 LCS_00035

Reagent ID: 8082 LCS_00035

		Expiration Date:	04/29/2014
Description:	2 ug/mL	Laboratory:	TestAmerica Denver
No. of Bottles:	2	Prepared By:	Adams, Ashley
Storage Location:	North Prep	Solvent:	ACETONE
Reagent Volume:	500.000 mL	Solvent Lot:	Acetone 00075
Creation Date:	10/29/2013		
Container(s):	2342912, 2342913		
Comment:	Take 1mL 8082LCSStock and dilute to 500mL in Acetone. 6 Month epxiration date. Divide into 2 bottles.		

Reagent Analyte Information

Analyte	%D	%R	Source ID	Source Expiration Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
PCB-1016	9.0	109.5	8082LCSSTOCK_00022	04/30/2019	1000.00000	ug/mL	2.00000	ug/mL
PCB-1260	7.5	107.8	8082LCSSTOCK_00022	04/30/2019	1000.00000	ug/mL	2.00000	ug/mL

MAX %D
15.0

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
8082LCSSTOCK_00022	Aroclor 1016/1260 1000UG/ML	ASTD	04/30/19	RESTEK	A092844	32039	1.00000	mL

PASSED
30 Oct 2013

10/29/2013 5:55

Report Date: 30-Oct-2013 13:33:50 Chrom Revision: 2.0 14-Jul-2013 20:56:00

Preliminary Report

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_W\20131030-16884.b\10301304.D		
Lims ID:	8082 LCS_00035	Client ID:	
Inject. Date:	30-Oct-2013 12:22:08	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	8082 LCS_00035		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_W
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	16884	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\Denchrom\ChromData\SGC_W\20131030-16884.b\8082_608_W.m		
Last Update:	30-Oct-2013 13:27:47	Calib Date:	26-Oct-2013 04:04:30
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_W\20131025-16736.b\10251335.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK010		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
$ 1 Tetrachloro-m-xylene									1
1	1		4.003						
2	2		3.817						
2 PCB-1221									U
1	1		4.267						
1	2		4.470						
1	3		4.513						
2	4		4.267						
2	5		4.407						
2	6		4.533						
3 PCB-1232									U
1	1		4.267						
1	2		4.513						
1	3		5.733						
1	4		5.970						
1	5		6.630						
2	6		4.267						
2	7		4.533						
2	8		5.743						
2	9		5.953						
2	10		6.883						

Report Date: 30-Oct-2013 13:33:50 Chrom Revision: 2.0 14-Jul-2013 20:56:00

Preliminary Report

Data File: \\Denchrom\ChromData\SGC_W\20131030-16884.b\10301304.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags		
4 PCB-1242									U		
1	1		4.513								
1	2		5.037								
1	3		5.733								
1	4		5.967								
1	5		6.627								
2	6		4.533								
2	7		5.743								
2	8		5.953								
2	9		6.697								
2	10		6.883								
6 PCB-1248									U		
1	1		5.037								
1	2		5.733								
1	3		6.630								
1	4		7.140								
1	5		8.360								
2	6		5.083								
2	7		5.743								
2	8		6.883								
2	9		7.320								
2	10		7.360								
5 PCB-1016											
1	1	5.050	5.053	-0.003	90870	224.0		100.0			
1	2	5.757	5.757	0.000	159421	215.6	144.0- 224.0	175.4			
1	3	5.967	5.967	0.000	71617	219.9	42.1- 122.1	78.8		%D	% R
1	4	6.063	6.067	-0.004	46137	215.6	14.1- 94.1	50.8			
1	5	6.627	6.630	-0.003	78987	219.5	48.4- 128.4	86.9		9.0	109.5
			Average of Peak Amounts =			218.9					
2	6	4.490	4.493	-0.003	38074	242.6		100.0			
2	7	5.070	5.070	0.000	78644	236.2	168.4- 248.4	206.6			
2	8	5.737	5.740	-0.003	132142	229.8	317.6- 397.6	347.1			
2	9	5.947	5.947	0.000	64846	236.9	127.5- 207.5	170.3			
2	10	6.270	6.270	0.000	33326	232.4	47.1- 127.1	87.5			
			Average of Peak Amounts =			235.6					
						RPD = 7.32					

Report Date: 30-Oct-2013 13:33:50 Chrom Revision: 2.0 14-Jul-2013 20:56:00

Preliminary Report

Data File: \\Denchrom\ChromData\SGC_W\20131030-16884.b\10301304.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags		
7 PCB-1254									U		
1	1		7.247								
1	2		8.183								
1	3		8.360								
1	4		9.163								
1	5		9.647								
2	6		7.360								
2	7		7.710								
2	8		8.463								
2	9		9.170								
2	10		9.783								
10 PCB-5432									U		
1	1		8.517								
1	2		9.297								
1	3		10.190								
1	4		11.033								
1	5		12.053								
2	6		9.297								
2	7		9.980								
2	8		10.937								
2	9		11.723								
2	10		12.030								
8 PCB-1262									U		
1	1		8.677								
1	2		9.853								
1	3		10.297								
1	4		10.833								
1	5		11.407								
2	6		8.800								
2	7		9.170								
2	8		9.947								
2	9		10.460								
2	10		10.910								
9 PCB-1260											
1	1	8.687	8.690	-0.003	102453	207.1		100.0		%D	%R
1	2	9.660	9.660	0.000	158305	198.7	125.9- 205.9	154.5			
1	3	10.297	10.297	0.000	90099	233.9	43.2- 123.2	87.9		7.5	107.8
1	4	10.850	10.850	0.000	193287	225.7	144.8- 224.8	188.7			
1	5	11.350	11.350	0.000	97138	212.0	54.9- 134.9	94.8			
			Average of Peak Amounts =			215.5					
2	6	8.807	8.807	0.000	88005	233.6		100.0			
2	7	9.173	9.173	0.000	98230	242.9	67.1- 147.1	111.6			
2	8	9.953	9.953	0.000	72258	280.1	29.7- 109.7	82.1			
2	9	10.463	10.467	-0.004	69547	245.7	35.3- 115.3	79.0			
2	10	10.913	10.917	-0.004	146103	262.1	108.5- 188.5	166.0			
			Average of Peak Amounts =			252.9					
						RPD = 15.97					

Preliminary Report

Data File: \\Denchrom\ChromData\SGC_W\20131030-16884.b\10301304.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
12 PCB-1268									U
1	1		11.407						
1	2		11.507						
1	3		11.813						
1	4		11.987						
1	5		12.983						
2	6		11.553						
2	7		11.667						
2	8		12.087						
2	9		12.263						
2	10		13.170						
11 PCB-5442									U
1	1		11.517						
1	2		12.143						
1	3		12.597						
1	4		12.907						
1	5		13.293						
2	6		12.320						
2	7		12.570						
2	8		12.727						
2	9		13.047						
2	10		13.483						
$ 13 DCB Decachlorobiphenyl									U
1	1		13.317						
2	2		13.577						
14 PCB-5460									U
1	1		14.757						
1	2		15.080						
1	3		15.587						
1	4		15.960						
1	5		16.697						
2	6		15.110						
2	7		15.600						
2	8		15.980						
2	9		17.247						
2	10		18.077						
S 15 Polychlorinated biphenyls, Total									
1						434.4			
2						488.4			
						RPD = 11.71			

Preliminary Report

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
U - Marked Undetected

Reagent

8082LCSSTOCK_00022

Analytical Reference Materials

Aroclor® 1016/1260 Mix

Catalog # 32039

Lot # A092844

110 Benner Circle Bellefonte, PA 16823-8812
(814) 353-1300

FOR LABORATORY USE ONLY. READ MSDS PRIOR TO USE.

RAW MATERIAL TEST INFORMATION AVAILABLE UPON REQUEST

MANUFACTURED UNDER RESTEK'S ISO 9001 REGISTERED QUALITY SYSTEM

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A092844

Description : Aroclor® 1016/1260 Mix

Aroclor 1016/1260 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Aroclor 1016	1,000.0 µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 12674-11-2		+/-	20.8643	µg/mL	Unstressed
	Purity 99%		+/-	34.3600	µg/mL	Stressed
2	Aroclor 1260	1,000.0 µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 11096-82-5		+/-	20.8643	µg/mL	Unstressed
	Purity ----%		+/-	34.3600	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

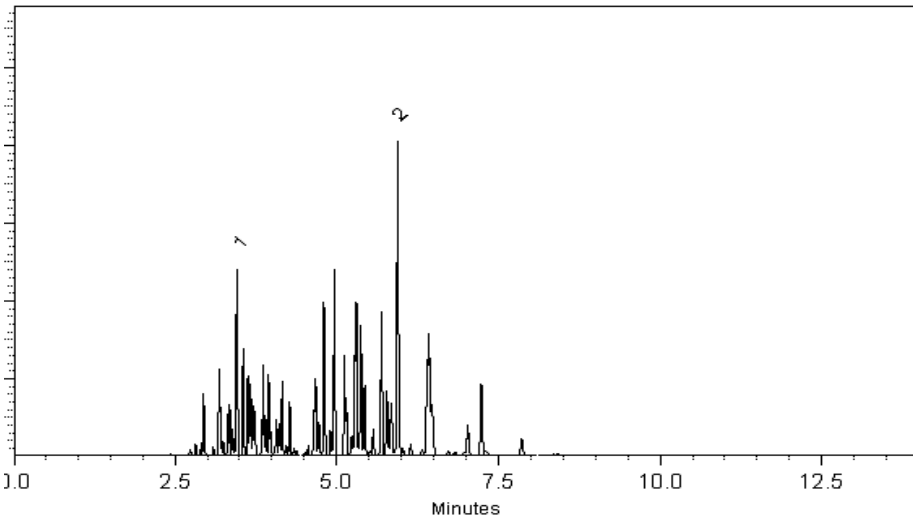
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer
Diane Shaffer - QA Analyst

Date Passed: 14-Jan-2013 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK

Chemical Standard Batch Sheet
Lot #: A092844

Catalog #: 32039	**Target:** 1000 ug/mL	
Description: Aroclor® 1016/1260 Mix		
Solvent: Hexane	**Solvent Lot:** 0000011493	**Final Volume:** 500 ml

Made by: Brandon Reish	**Date:** 1/10/2013 10:02:11AM		
Tested by: Jennifer Pollino	**Date:** 1/11/2013 4:23:55PM		
Pass	**By:** Diane Shaffer	**Date:** 1/14/2013 4:34:34PM	
Packaged by: Kendra Swope / Alexandria Pavkovich	**Date:** 1/11/2013 2:22:59PM	**No. Units:** 332	**Pkg Size:** 1 mL
Balance Used: BEDEARMBALPC5 AX504	**Serial #:** 1125113331		

Compound	CAS	Storage Location	Lot #	Purity	Target Conc(ug/mL)	Target	Actual	Calc Conc(ug/mL)
Aroclor 1016	12674-11-2	R0623	W-125-07	0.99	1,000.00	500.00 mg	500.00 mg	1,000.0
Aroclor 1260	11096-82-5	R0624	W-129-06	NA	1,000.00	500.00 mg	500.00 mg	1,000.0

QA Report: Aroclor 1016/ 1260 Mix (Cat.#32039)

	Runs of Lot#A089599						Runs of Lot # A092844							
COMPONENT	Run #1	Run #2	Run #3	AVG	STD DEV	% RSD	Run #1	Run #2	Run #3	AVG	STD DEV	% RSD	%D MEAN	**P/F**
Aroclor 1016	212124179	209722247	211206525	211017650	1212054	0.57	216950480	213256998	212962809	214390096	2222231	1.04	-1.60	PASS
Aroclor 1260	412805438	408080794	412685458	411190563	2693807	0.66	449882267	442387981	444233392	445501213	3904691	0.88	-8.34	PASS

Reagent

AR_1016_ACC_00009

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USA

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CERTIFICATE OF ANALYSIS

Catalog No: C-216S-H-10X
Description: Aroclor 1016

Lot: 212061353
Solvent: Hexane

Date Certified: Jun 29, 2012
Expiration: Jun 29, 2022
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1016	12674-11-2	Tech Mix	1000	1000

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

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A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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Certified by: R. Cooper
Russ Cooper, QC Manager

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Reagent

AR_1221_ACC_00007

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CERTIFICATE OF ANALYSIS

Catalog No: C-221S-H-10X
Description: Aroclor 1221

Lot: 210081358
Solvent: Hexane

Date Certified: Aug 30, 2010
Expiration: Aug 30, 2020
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1221	11104-28-2	Tech Mix	1001	1001

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

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A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A093551

Description : Aroclor® 1221 Standard

Aroclor 1221 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 2019 **Storage:** 25°C nominal

Handling: Contains PCBs - sonicate prior to use.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Aroclor 1221	1,000.0 µg/mL	+/-	5.8686	µg/mL	Gravimetric
	CAS # 11104-28-2		+/-	20.8758	µg/mL	Unstressed
	Purity ----%		+/-	34.3670	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1221_RESss_00001

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Certificate of Analysis

ISO Guide 34 Accredited Reference Material Producer Certificate #322201

ISO/IEC 17025 Accredited Testing Laboratory Certificate #322202

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007.sec **Lot No.:** A094157

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCBs.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1221	1,000.0 µg/mL	+/- 5.9397	µg/mL	Gravimetric
	CAS # 11104-28-2.SEC		+/- 20.8959	µg/mL	Unstressed
	Purity ----%		+/- 34.3792	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1232_ACC_00007

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CERTIFICATE OF ANALYSIS

Catalog No: C-232S-H-10X
Description: Aroclor 1232

Lot: 212061306
Solvent: Hexane

Date Certified: Jun 25, 2012
Expiration: Jun 25, 2022
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1232	11141-16-5	Tech Mix	1000	1000

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A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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Reagent

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A094370

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCBs.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1232	1,000.4 µg/mL	+/- 5.8709	µg/mL	Gravimetric
	CAS # 11141-16-5		+/- 20.8842	µg/mL	Unstressed
	Purity 99%		+/- 34.3807	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008.sec **Lot No.:** A095877

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2019 **Storage:** 25°C nominal

Handling: This product contains PCBs.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,000.0 µg/mL	+/- 5.9397 µg/mL	Gravimetric
	CAS # 11141-16-5.SEC (Lot 130604JLM)		+/- 20.8959 µg/mL	Unstressed
	Purity ----%		+/- 34.3792 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1242_ACC_00007

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CERTIFICATE OF ANALYSIS

Catalog No: C-242S-H-10X
Description: Aroclor 1242

Lot: 212101235
Solvent: Hexane

Date Certified: Oct 17, 2012
Expiration: Oct 17, 2022
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1242	53469-21-9	Tech Mix	1000	1000

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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AR_1242_RES_00002

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A090182

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1242	1,000.0 µg/mL	+/- 5.8275	µg/mL	Gravimetric
	CAS # 53469-21-9 (Lot 01141-A)		+/- 20.8643	µg/mL	Unstressed
	Purity ----%		+/- 34.3600	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1242_RESss_00001

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Catalog No. : 32009.sec **Lot No.:** A095785

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1242	1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 53469-21-9.SEC (Lot NTO1020)		+/- 20.9795	µg/mL	Unstressed
	Purity ----%		+/- 34.5167	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1248_ACC_00007

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CERTIFICATE OF ANALYSIS

Catalog No: C-248S-H-10X
Description: Aroclor 1248

Lot: 211071294
Solvent: Hexane

Date Certified: Jul 25, 2011
Expiration: Jul 25, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1248	12672-29-6	Tech Mix	1000	1000

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A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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Catalog No. : 32010 **Lot No.:** A092864

Description : Aroclor® 1248 Standard

Aroclor 1248 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1248	1,000.0 µg/mL	+/- 5.8686	µg/mL	Gravimetric
	CAS # 12672-29-6		+/- 20.8758	µg/mL	Unstressed
	Purity ----%		+/- 34.3670	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1248_RESss_00001

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Catalog No. : 32010.sec **Lot No.:** A094339

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Aroclor 1248	1,001.0 µg/mL	+/-	5.9456	µg/mL	Gravimetric
	CAS # 12672-29-6.SEC		+/-	20.9168	µg/mL	Unstressed
	Purity ----%		+/-	34.4136	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1254_ACC_00007

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CERTIFICATE OF ANALYSIS

Catalog No: C-254S-H-10X
Description: Aroclor 1254

Lot: 212041262
Solvent: Hexane

Date Certified: Apr 18, 2012
Expiration: Apr 18, 2022
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1254	11097-69-1	Tech Mix	1001	1001

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A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

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Catalog No. : 32011 **Lot No.:** A093609

Description : Aroclor® 1254 Standard

Aroclor 1254 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Aroclor 1254	1,000.0 µg/mL	+/-	5.8686	µg/mL	Gravimetric
	CAS # 11097-69-1		+/-	20.8758	µg/mL	Unstressed
	Purity 99%		+/-	34.3670	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1254_RESss_00001

RESTEK CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011.sec **Lot No.:** A095778

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1254	1,002.0 µg/mL	+/- 5.9516	µg/mL	Gravimetric
	CAS # 11097-69-1.SEC (Lot RM00922)		+/- 20.9377	µg/mL	Unstressed
	Purity ----%		+/- 34.4480	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1260_ACC_00008

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CERTIFICATE OF ANALYSIS

Catalog No: C-260S-H-10X
Description: Aroclor 1260

Lot: 212041025
Solvent: Hexane

Date Certified: Apr 3, 2012
Expiration: Apr 3, 2022
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1260	11096-82-5	Tech Mix	1007	1007

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

OR-ORG/INO-001
Rev. 7/11

Reagent

AR_1260_RES_00002

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

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Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32006 **Lot No.:** A090974

Description : Aroclor® 1016 Standard

Aroclor 1016 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016	1,000.0 µg/mL	+/- 5.8686	µg/mL	Gravimetric
	CAS # 12674-11-2		+/- 20.8758	µg/mL	Unstressed
	Purity 99%		+/- 34.3670	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1262_ACC_00007

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: C-262S-H-10X
Description: Aroclor 1262

Lot: B4010239
Solvent: Hexane

Date Certified: Jan 23, 2004
Expiration: Jan 23, 2014
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1262	37324-23-5	Tech Mix	1002	1002

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/254480
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

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Rev. 7/11

Reagent

AR_1262_RES_00003

RESTEK CERTIFIED REFERENCE MATERIAL

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Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

ACCREDITED ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A095835

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262	1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5 (Lot 462-109B)		+/- 20.9795	µg/mL	Unstressed
	Purity ----%		+/- 34.5167	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1262_RESss_00001

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409.sec **Lot No.:** A094156

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262	1,000.0 µg/mL	+/- 5.9397	µg/mL	Gravimetric
	CAS # 37324-23-5.SEC		+/- 20.8959	µg/mL	Unstressed
	Purity ----%		+/- 34.3792	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1268_ACC_00007

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New Haven, CT 06513
USA

AccuStandard® Inc.

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: C-268S-H-10X
Description: Aroclor 1268

Lot: 209091091
Solvent: Hexane

Date Certified: Sep 16, 2009
Expiration: Sep 16, 2019
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Aroclor 1268	11100-14-4	Tech Mix	1002	1002

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

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Reagent

AR_1268_RES_00002

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Certificate of Analysis

ACCREDITED
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Certificate #3222.01

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A094374

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1268	1,000.0 µg/mL	+/- 5.9397	µg/mL	Gravimetric
	CAS # 11100-14-4		+/- 20.8959	µg/mL	Unstressed
	Purity ----%		+/- 34.3792	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1268_RESss_00001

RESTEK CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410.sec **Lot No.:** A095820

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Aroclor 1268	1,005.0 µg/mL	+/-	5.9694	µg/mL	Gravimetric
	CAS # 11100-14-4.SEC (Lot W-131-05)		+/-	21.0004	µg/mL	Unstressed
	Purity ----%		+/-	34.5511	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_1660_RESss_00001

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039.sec **Lot No.:** A094336

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 2019 **Storage:** 25°C nominal

Handling: This product contains PCB's

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016	1,000.0 µg/mL	+/- 5.8686	µg/mL	Gravimetric
	CAS # 12674-11-2.SEC		+/- 20.8758	µg/mL	Unstressed
	Purity ----%		+/- 34.3670	µg/mL	Stressed
2	Aroclor 1260	1,000.5 µg/mL	+/- 5.8715	µg/mL	Gravimetric
	CAS # 11096-82-5.SEC		+/- 20.8863	µg/mL	Unstressed
	Purity ----%		+/- 34.3842	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Reagent

AR_SURR_ACC_00008

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AccuStandard, Inc.

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Web AccuStandard.com

This pamphlet contains a Certificate of Analysis, T-Test Worksheet, Chromatograph and Table.

PRODUCT: CLP-032-R

EXPIRATION: Mar 10, 2021

DESCRIPTION: Decachlorobiphenyl & TCMX

LOT #: 211031069

SOLVENT: Acetone

The maximum uncertainty in the preparation of this standard is ±5%.

Component	CAS #	Purity % (GC/MS)	Gravimetric Concentration[1] (µg/mL)		Analyte Concentration[2] (µg/mL)	±95% C.I.
Decachlorobiphenyl	2051-24-3	99.5	200.2		199.2	± 6.7
TCMX	877-09-8	97.1	206.5	*	200.5	± 1.1

2 Components

1. All weights are traceable through National Institute of Standards & Technology, Test No. 822/254400

2. Analyte Concentration = Purity x Gravimetric Concentration

* Weight compensated to 100% purity

Certified by: R. Cooper

NOTE: The Lot Number on the actual product may include a suffice not shown on this certificate (ex: -1A, -2B, etc.) This is a modifier indicating the lot expiration date has been extended.

AccuStandard is accredited to ISO/IEC 17025:2005 and certified to ISO 9001:2000

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Rev. 9/08

Component	Run #1	Run #2	Run #3	Mean	Std Dev	% RSD	C.I. Lot# 2100414446	Run #1	Run #2	Run #3	Mean	Std Dev	% RSD	t.025 -test	C.I. Lot# 211031069
1 TCMX	1979	2018	1938	1982	33.27	1.7%	1.7	1944	1941	1983	1962	22.07	1.1%	1.0	1.1
2 Decachlorobiphenyl	643	647	602	640	27.27	4.3%	4.2	571	589	649	615	41.38	6.7%	1.0	6.7

03/03/2014

Reagent

AR_SURR_RES_00005

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Fax: (814)353-1309

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Certificate of Analysis

ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A092533

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 2019 **Storage:** 10°C or colder

Handling: This product contains PCBs.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2,4,5,6-Tetrachloro-m-xylene	200.1 µg/mL	+/- 1.1662	µg/mL	Gravimetric
	CAS # 877-09-8		+/- 4.1753	µg/mL	Unstressed
	Purity 98%		+/- 6.8760	µg/mL	Stressed
2	Decachlorobiphenyl	200.0 µg/mL	+/- 1.1655	µg/mL	Gravimetric
	CAS # 2051-24-3		+/- 4.1729	µg/mL	Unstressed
	Purity 99%		+/- 6.8720	µg/mL	Stressed

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Reagent

AR_SURR_RES_00010

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ISO Guide 34 Accredited Reference Material Producer Certificate #3222.01

ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A094732

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 2019 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2,4,5,6-Tetrachloro-m-xylene	200.0 µg/mL	+/- 1.1656	µg/mL	Gravimetric
	CAS # 877-09-8		+/- 4.1732	µg/mL	Unstressed
	Purity 98%		+/- 6.8726	µg/mL	Stressed
2	Decachlorobiphenyl	200.0 µg/mL	+/- 1.1655	µg/mL	Gravimetric
	CAS # 2051-24-3		+/- 4.1729	µg/mL	Unstressed
	Purity 99%		+/- 6.8720	µg/mL	Stressed

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Method 8082A

Polychlorinated Biphenyls (PCBs) (GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP1 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	DCB1 #
C-SOIL-LIGHT	280-52430-7	-6 X D	-2 X D
C-SOIL-DARK	280-52430-8	0 X D	0 X D
	MB 280-214368/1-A	87	86
	LCS 280-214368/2-A	96	87
C-SOIL-LIGHT MS	280-52430-7 MS	-8 X D	-9 X D
C-SOIL-LIGHT MSD	280-52430-7 MSD	10 X D	2 X D

	QC LIMITS
TCX = Tetrachloro-m-xylene	53-128
DCB = DCB Decachlorobiphenyl	59-130

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Wipe Level: Low

GC Column (1): CLP1 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	TCX1	#	DCB1	#
D-CI-15.5-LAB	280-52430-1	98		88	
C-WI-4-LAB	280-52430-2	94		96	
F-WI-3-LAB	280-52430-3	89		45	X
H-WI-4-LAB	280-52430-4	92	D	99	D
I-FI-0-LAB	280-52430-5	78		64	
BLANK	280-52430-6	97		90	
	MB 280-214333/1-A	95		101	
	LCS 280-214333/2-A	96		104	
	LCSD 280-214333/3-A	95		103	

	QC LIMITS
TCX = Tetrachloro-m-xylene	56-113
DCB = DCB Decachlorobiphenyl	57-121

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Wipe Level: Low Lab File ID: 0227A006.D

Lab ID: LCS 280-214333/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Wipe)	LCS CONCENTRATION (ug/Wipe)	LCS % REC	QC LIMITS REC	#
PCB-1016	2.00	1.96	98	60-150	
PCB-1260	2.00	1.98	99	66-140	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 02281440.D

Lab ID: LCS 280-214368/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	66.0	66.6	101	54-132	
PCB-1260	66.0	64.8	98	62-129	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Wipe Level: Low Lab File ID: 0227A007.D

Lab ID: LCSD 280-214333/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Wipe)	LCSD CONCENTRATION (ug/Wipe)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	2.00	2.01	100	2	30	60-150	
PCB-1260	2.00	2.02	101	2	30	66-140	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 02281442.D

Lab ID: 280-52430-7 MS Client ID: C-SOIL-LIGHT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	62.4	ND	1550	NC	54-132	D
PCB-1260	62.4	ND	420 J	NC	62-129	D

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 02281443.D

Lab ID: 280-52430-7 MSD Client ID: C-SOIL-LIGHT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
PCB-1016	63.1	1650	NC	6	36	54-132	D
PCB-1260	63.1	464 J	NC	10	44	62-129	D

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Lab Sample ID: MB 280-214333/1-A

Matrix: Wipe Date Extracted: 02/24/2014 21:27

Lab File ID:(1) 0227A005.D Lab File ID:(2)

Date Analyzed:(1) 02/27/2014 09:46 Date Analyzed:(2)

Instrument ID:(1) SGC_P3a Instrument ID:(2)

GC Column:(1) CLP1 ID: 0.32(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 280-214333/2-A	02/27/2014 10:07	
	LCSD 280-214333/3-A	02/27/2014 10:29	
D-CI-15.5-LAB	280-52430-1	02/27/2014 10:50	
C-WI-4-LAB	280-52430-2	02/27/2014 11:11	
F-WI-3-LAB	280-52430-3	02/27/2014 11:33	
H-WI-4-LAB	280-52430-4	02/27/2014 11:54	
I-FI-0-LAB	280-52430-5	02/27/2014 12:15	
BLANK	280-52430-6	02/27/2014 12:37	

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Lab Sample ID: MB 280-214368/1-A

Matrix: Solid Date Extracted: 02/25/2014 09:30

Lab File ID:(1) 02281439.D Lab File ID:(2) 02281439.D

Date Analyzed:(1) 03/01/2014 00:38 Date Analyzed:(2) 03/01/2014 00:38

Instrument ID:(1) SGC_W Instrument ID:(2) SGC_W

GC Column:(1) CLP1 ID: 0.32(mm) GC Column:(2) CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 280-214368/2-A	03/01/2014 01:02	03/01/2014 01:02
C-SOIL-LIGHT	280-52430-7	03/01/2014 01:25	03/01/2014 01:25
C-SOIL-LIGHT MS	280-52430-7 MS	03/01/2014 01:49	03/01/2014 01:49
C-SOIL-LIGHT MSD	280-52430-7 MSD	03/01/2014 02:12	03/01/2014 02:12
C-SOIL-DARK	280-52430-8	03/01/2014 02:36	03/01/2014 02:36

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Sample No.: CCVRT 280-214701/3 Date Analyzed: 02/27/2014 08:57

Instrument ID: SGC_P3a GC Column: CLP1 ID: 0.32(mm)

Lab File ID (Standard): 0227A003.D Heated Purge: (Y/N) N

Calibration ID: 16161

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.89	9.83	
UPPER LIMIT				2.92	9.86	
LOWER LIMIT				2.86	9.80	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-214701/3		02/27/2014 08:57	0227A003.D	2.89	9.83	
MB 280-214333/1-A		02/27/2014 09:46	0227A005.D	2.90	9.84	
LCS 280-214333/2-A		02/27/2014 10:07	0227A006.D	2.89	9.83	
LCSD 280-214333/3-A		02/27/2014 10:29	0227A007.D	2.89	9.83	
280-52430-1	D-CI-15.5-LAB	02/27/2014 10:50	0227A008.D	2.89	9.83	
280-52430-2	C-WI-4-LAB	02/27/2014 11:11	0227A009.D	2.89	9.83	
280-52430-3	F-WI-3-LAB	02/27/2014 11:33	0227A010.D	2.89	9.83	
280-52430-4	H-WI-4-LAB	02/27/2014 11:54	0227A011.D	2.89	9.83	
280-52430-5	I-FI-0-LAB	02/27/2014 12:15	0227A012.D	2.89	9.84	
280-52430-6	BLANK	02/27/2014 12:37	0227A013.D	2.89	9.83	
CCV 280-214701/21		02/27/2014 15:58	0227A021.D	2.89	9.83	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Sample No.: CCVRT 280-214907/3 Date Analyzed: 02/28/2014 10:27

Instrument ID: SGC_W GC Column: CLP1 ID: 0.32(mm)

Lab File ID (Standard): 02281403.D Heated Purge: (Y/N) N

Calibration ID: 16852

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.98	13.29	
UPPER LIMIT				4.01	13.32	
LOWER LIMIT				3.95	13.26	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-214907/3		02/28/2014 10:27	02281403.D	3.98	13.29	
CCV 280-214907/38		03/01/2014 00:15	02281438.D	3.98	13.29	
MB 280-214368/1-A		03/01/2014 00:38	02281439.D	3.98	13.29	
LCS 280-214368/2-A		03/01/2014 01:02	02281440.D	3.98	13.29	
280-52430-7	C-SOIL-LIGHT	03/01/2014 01:25	02281441.D	3.99	13.29	
280-52430-7 MS	C-SOIL-LIGHT MS	03/01/2014 01:49	02281442.D	3.99	13.29	
280-52430-7 MSD	C-SOIL-LIGHT MSD	03/01/2014 02:12	02281443.D	3.98	13.29	
280-52430-8	C-SOIL-DARK	03/01/2014 02:36	02281444.D			
CCV 280-214907/46		03/01/2014 03:22	02281446.D	3.98	13.29	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Sample No.: CCVRT 280-214907/3 Date Analyzed: 02/28/2014 10:27

Instrument ID: SGC_W GC Column: CLP2 ID: 0.32(mm)

Lab File ID (Standard): 02281403.D Heated Purge: (Y/N) N

Calibration ID: 16853

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.83	13.64	
UPPER LIMIT				3.86	13.67	
LOWER LIMIT				3.80	13.61	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-214907/3		02/28/2014 10:27	02281403.D	3.83	13.64	
CCV 280-214907/38		03/01/2014 00:15	02281438.D	3.83	13.64	
CCV 280-214907/46		03/01/2014 03:22	02281446.D	3.83	13.64	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: C-SOIL-LIGHT Lab Sample ID: 280-52430-7

Instrument ID (1): SGC_W Instrument ID (2): SGC_W

Date Analyzed (1): 03/01/2014 01:25 Date Analyzed (2): 03/01/2014 01:25

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1248	1	1	5.03	5.00	5.08	1870	3100	3.4
		2	5.74	5.70	5.78	1870		
		3	6.59	6.57	6.65	3050		
		4	7.14	7.13	7.21	3420		
		5	8.33	8.32	8.40	5400		
	2	1	5.10	5.07	5.15	1770	3200	
		2	5.77	5.75	5.83	2780		
		3	6.73	6.71	6.79	3170		
		4	7.35	7.33	7.41	3650		
		5	7.41	7.40	7.48	4780		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: C-SOIL-LIGHT MS Lab Sample ID: 280-52430-7 MS

Instrument ID (1): SGC_W Instrument ID (2): SGC_W

Date Analyzed (1): 03/01/2014 01:49 Date Analyzed (2): 03/01/2014 01:49

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	5.03	4.99	5.07	720	1550	5.0
		2	5.74	5.70	5.78	950		
		3	5.94	5.91	5.99	1420		
		4	6.04	6.01	6.09	1310		
		5	6.60	6.57	6.65	3360		
	2	1	4.52	4.48	4.56	203	1480	
		2	5.10	5.06	5.14	597		
		3	5.77	5.73	5.81	1370		
		4	5.98	5.94	6.02	1150		
		5	6.30	6.27	6.35	4070		
PCB-1260	1	1	8.64	8.63	8.71	474	420	5.8
		2	9.61	9.59	9.67	1120		
		3	10.25	10.23	10.31	108		
		4	10.81	10.78	10.86	129		
		5	11.31	11.29	11.37	269		
	2	1	8.85	8.82	8.90	407	445	
		2	9.22	9.19	9.27	503		
		3	9.84	9.81	9.89	968		
		4	10.97	10.94	11.02	281		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: C-SOIL-LIGHT MSD Lab Sample ID: 280-52430-7 MSD

Instrument ID (1): SGC_W Instrument ID (2): SGC_W

Date Analyzed (1): 03/01/2014 02:12 Date Analyzed (2): 03/01/2014 02:12

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	5.03	4.99	5.07	738	1650	5.5
		2	5.74	5.70	5.78	973		
		3	5.94	5.91	5.99	1520		
		4	6.04	6.01	6.09	1440		
		5	6.59	6.57	6.65	3570		
	2	1	4.52	4.48	4.56	192	1560	
		2	5.10	5.06	5.14	625		
		3	5.77	5.73	5.81	1450		
		4	5.98	5.94	6.02	1230		
		5	6.30	6.27	6.35	4300		
PCB-1260	1	1	8.64	8.63	8.71	562	464	3.3
		2	9.61	9.59	9.67	1210		
		3	10.25	10.23	10.31	124		
		4	10.81	10.78	10.86	145		
		5	11.31	11.29	11.37	280		
	2	1	8.85	8.82	8.90	397	480	
		2	9.22	9.19	9.27	536		
		3	9.84	9.81	9.89	1030		
		4	10.97	10.94	11.02	314		
		5	12.65	12.63	12.71	119		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-214333/2-A

Instrument ID (1): SGC_P3a Instrument ID (2):

Date Analyzed (1): 02/27/2014 10:07 Date Analyzed (2):

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.61	3.36	3.86	2.03	1.96	
		2	4.09	3.84	4.34	1.91		
		3	4.23	3.98	4.48	1.98		
		4	4.30	4.05	4.55	1.94		
		5	4.69	4.44	4.94	1.94		
PCB-1260	1	1	6.18	5.93	6.43	1.94	1.98	
		2	6.71	6.46	6.96	1.98		
		3	6.92	6.67	7.17	1.83		
		4	7.85	7.60	8.10	2.18		
		5	8.24	7.99	8.49	1.98		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 280-214333/3-A

Instrument ID (1): SGC_P3a Instrument ID (2):

Date Analyzed (1): 02/27/2014 10:29 Date Analyzed (2):

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	3.61	3.36	3.86	2.07	2.01	
		2	4.08	3.84	4.34	1.94		
		3	4.23	3.98	4.48	2.01		
		4	4.29	4.05	4.55	2.03		
		5	4.68	4.44	4.94	1.98		
PCB-1260	1	1	6.18	5.93	6.43	1.97	2.02	
		2	6.71	6.46	6.96	2.00		
		3	6.92	6.67	7.17	1.86		
		4	7.85	7.60	8.10	2.22		
		5	8.24	7.99	8.49	2.02		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-214368/2-A

Instrument ID (1): SGC_W Instrument ID (2): SGC_W

Date Analyzed (1): 03/01/2014 01:02 Date Analyzed (2): 03/01/2014 01:02

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	5.03	4.99	5.07	69.3	66.6	5.8
		2	5.74	5.70	5.78	66.6		
		3	5.95	5.91	5.99	68.3		
		4	6.04	6.01	6.09	64.3		
		5	6.61	6.57	6.65	64.2		
	2	1	4.52	4.48	4.56	72.1	70.5	
		2	5.10	5.06	5.14	72.3		
		3	5.77	5.73	5.81	71.2		
		4	5.98	5.94	6.02	66.7		
		5	6.31	6.27	6.35	70.3		
PCB-1260	1	1	8.66	8.63	8.71	64.9	64.8	8.6
		2	9.63	9.59	9.67	57.7		
		3	10.27	10.23	10.31	70.0		
		4	10.82	10.78	10.86	68.9		
		5	11.32	11.29	11.37	62.3		
	2	1	8.86	8.82	8.90	65.7	70.6	
		2	9.23	9.19	9.27	67.3		
		3	9.85	9.81	9.89	65.1		
		4	10.98	10.94	11.02	74.2		
		5	12.67	12.63	12.71	80.8		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver
Job No.: 280-52430-1
SDG No.:
Client Sample ID: D-CI-15.5-LAB
Lab Sample ID: 280-52430-1
Matrix: Wipe
Lab File ID: 0227A008.D
Analysis Method: 8082A
Date Collected: 02/24/2014 09:45
Extraction Method: 3550C
Date Extracted: 02/24/2014 21:27
Sample wt/vol: 1(Wipe)
Date Analyzed: 02/27/2014 10:50
Con. Extract Vol.: 10000(uL)
Dilution Factor: 2
Injection Volume: 1(uL)
GC Column: CLP1 ID: 0.32(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 214701
Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		3.0	0.64
12674-11-2	PCB-1016	ND		2.0	0.31
11141-16-5	PCB-1232	ND		2.0	0.31
53469-21-9	PCB-1242	ND		2.0	0.55
12672-29-6	PCB-1248	ND		2.0	0.20
11097-69-1	PCB-1254	13		2.0	0.24
11096-82-5	PCB-1260	ND		2.0	0.16
37324-23-5	PCB-1262	ND		2.0	0.67
11100-14-4	PCB-1268	ND		2.0	0.24
1336-36-3	Polychlorinated biphenyls, Total	13		2.0	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		56-113
2051-24-3	DCB Decachlorobiphenyl	88		57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A008.D				
Lims ID:	280-52430-A-1-A	Lab Sample ID:	280-52430-1		
Client ID:	D-CI-15.5-LAB				
Sample Type:	Client				
Inject. Date:	27-Feb-2014 10:50:32	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Sample Info:	280-52430-A-1-A				
Operator ID:	JAX	Instrument ID:	SGC_P3a		
Method:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m				
Limit Group:	GCSV - 8082				
Last Update:	03-Mar-2014 07:31:27	Calib Date:	08-Nov-2013 04:12:16		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Process Host:	XAWRK051				
First Level Reviewer: jacksonto		Date:	27-Feb-2014 11:22:19		

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					
2.887	2.889	-0.002	32975796	9.82	
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					
	3.609				
	4.079				
	4.682				
	5.072				
	5.939				
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

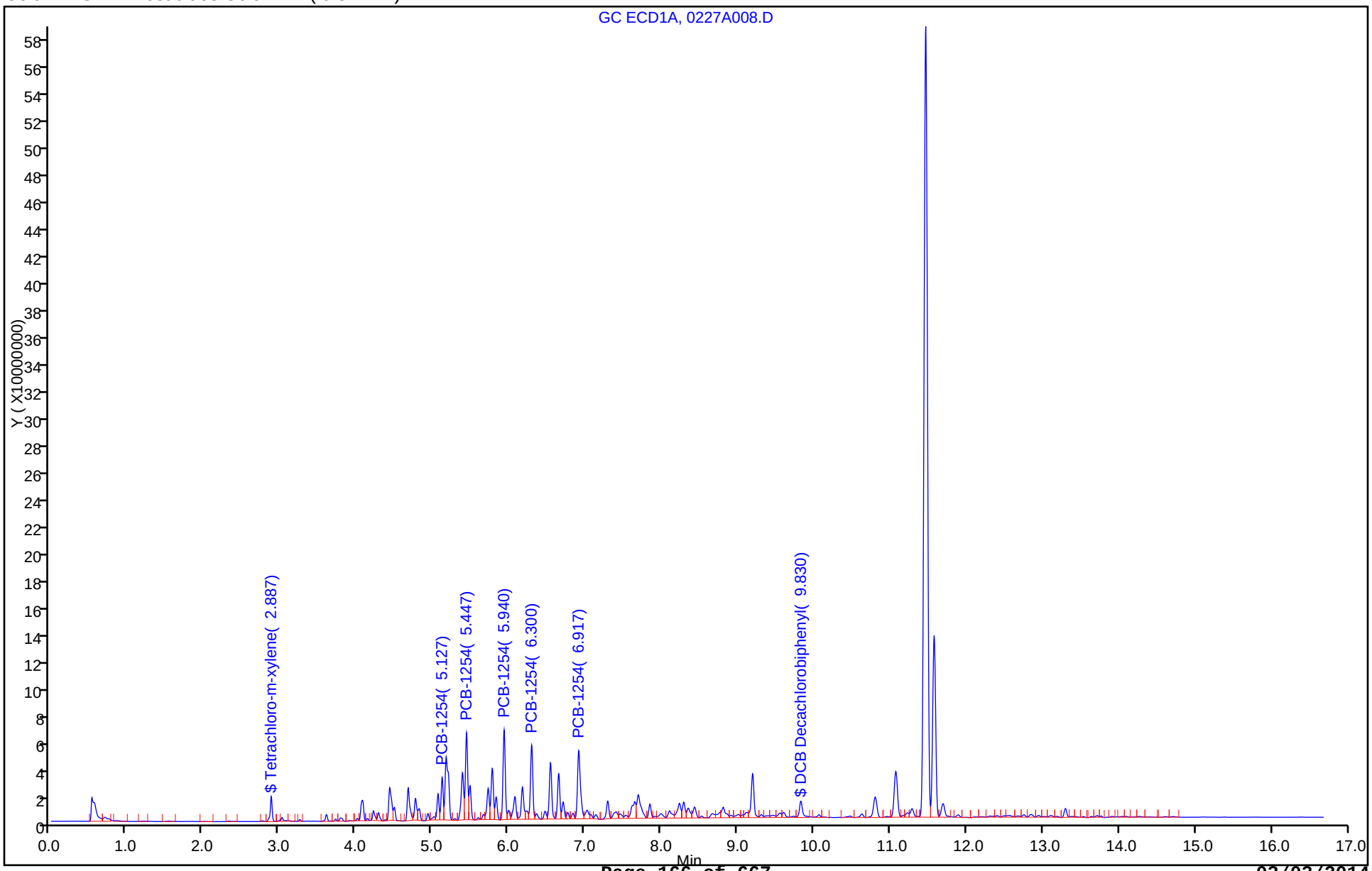
RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
	3.624				
	3.824				
	4.101				
	4.244				
	4.701				
7 PCB-1254					
5.127	5.129	-0.002	59710274	508.8	
5.447	5.453	-0.006	135910128	826.6	
5.940	5.943	-0.003	137741363	600.5	
6.300	6.303	-0.003	118364749	656.1	
6.917	6.919	-0.002	136620073	538.4	
	Average of Peak Amounts =			626.1	
8 PCB-1260					
	6.179				
	6.712				
	6.916				
	7.849				
	8.239				
10 PCB-1262					
	6.201				
	6.571				
	7.101				
	7.435				
	7.871				
12 PCB-1268					
	8.324				
	8.377				
	8.651				
	9.167				
	9.581				
$ 13 DCB Decachlorobiphenyl					
9.830	9.829	0.001	35616065	8.81	
S 15 Polychlorinated biphenyls, Total					
				626.1	

Report Date: 03-Mar-2014 07:33:34 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A008.D				
Injection Date:	27-Feb-2014 10:50:32	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-1-A	Lab Sample ID:	280-52430-1	Worklist Smp#:	8
Client ID:	D-CI-15.5-LAB				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	8
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



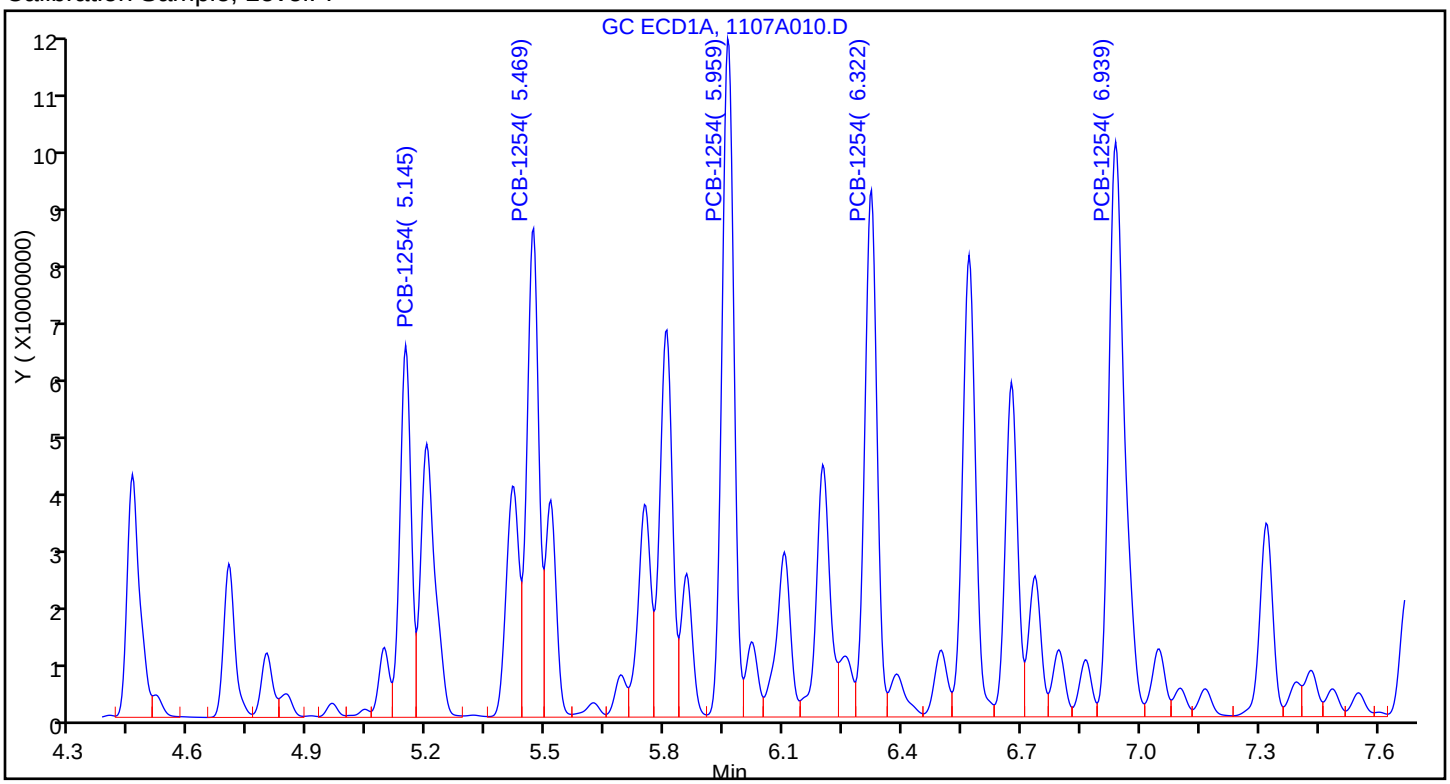
Report Date: 03-Mar-2014 07:33:34 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

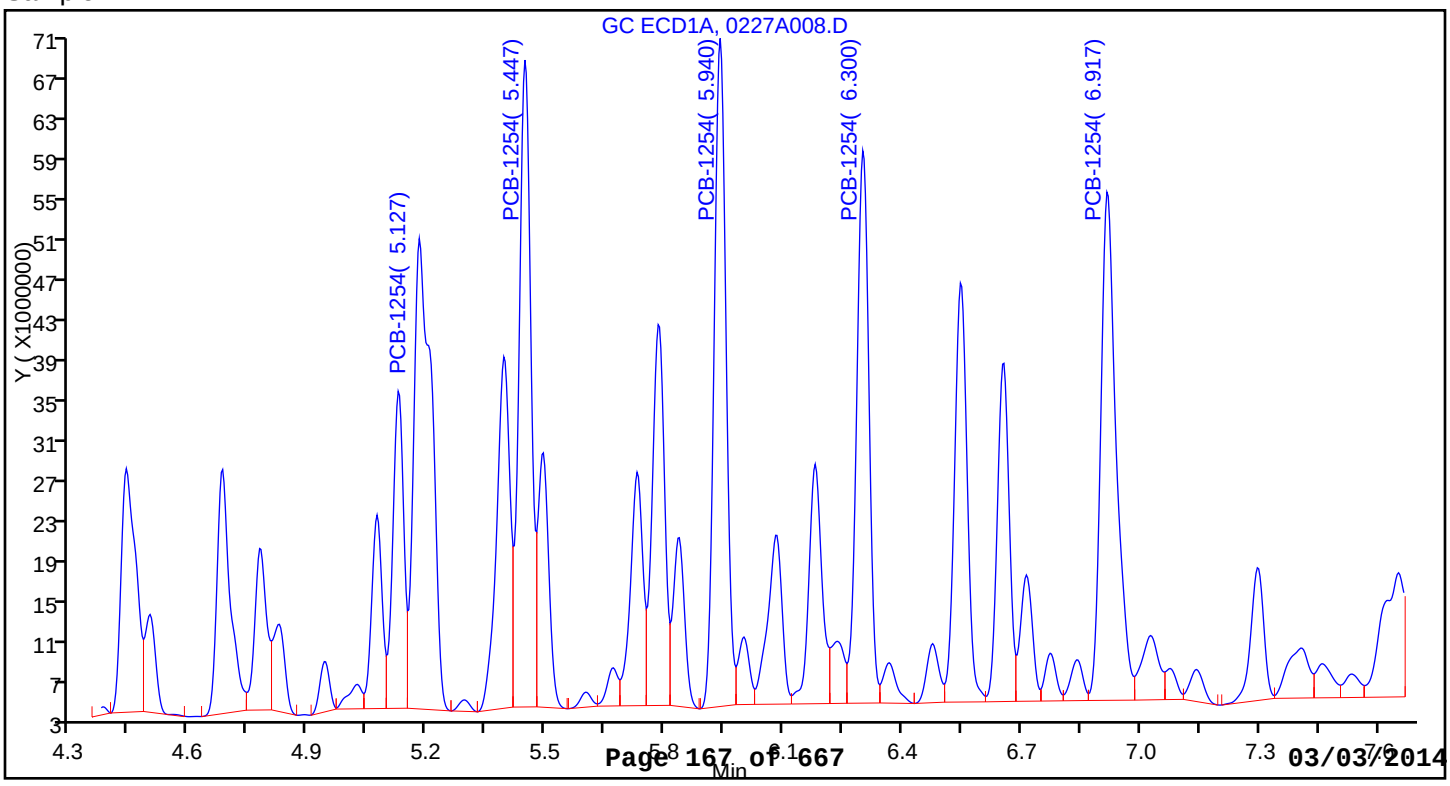
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A008.D				
Injection Date:	27-Feb-2014 10:50:32	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-1-A	Lab Sample ID:	280-52430-1		
Client ID:	D-CI-15.5-LAB				
Operator ID:	JAX	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

7 PCB-1254, CAS: 11097-69-1

Calibration Sample, Level: 7



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver
Job No.: 280-52430-1
SDG No.:
Client Sample ID: C-WI-4-LAB
Lab Sample ID: 280-52430-2
Matrix: Wipe
Lab File ID: 0227A009.D
Analysis Method: 8082A
Date Collected: 02/24/2014 11:00
Extraction Method: 3550C
Date Extracted: 02/24/2014 21:27
Sample wt/vol: 1(Wipe)
Date Analyzed: 02/27/2014 11:11
Con. Extract Vol.: 10000(uL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP1 ID: 0.32(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 214701
Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		1.5	0.32
12674-11-2	PCB-1016	ND		1.0	0.15
11141-16-5	PCB-1232	ND		1.0	0.15
53469-21-9	PCB-1242	ND		1.0	0.27
12672-29-6	PCB-1248	ND		1.0	0.10
11097-69-1	PCB-1254	0.42	J	1.0	0.12
11096-82-5	PCB-1260	ND		1.0	0.080
37324-23-5	PCB-1262	ND		1.0	0.34
11100-14-4	PCB-1268	ND		1.0	0.12
1336-36-3	Polychlorinated biphenyls, Total	0.42	J	1.0	0.080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		56-113
2051-24-3	DCB Decachlorobiphenyl	96		57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A009.D				
Lims ID:	280-52430-A-2-A	Lab Sample ID:	280-52430-2		
Client ID:	C-WI-4-LAB				
Sample Type:	Client				
Inject. Date:	27-Feb-2014 11:11:51	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	280-52430-A-2-A				
Operator ID:	JAX	Instrument ID:	SGC_P3a		
Method:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m				
Limit Group:	GCSV - 8082				
Last Update:	03-Mar-2014 07:31:27	Calib Date:	08-Nov-2013 04:12:16		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Process Host:	XAWRK051				
First Level Reviewer: jacksonto		Date:	27-Feb-2014 11:39:01		

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					
2.886	2.889	-0.003	61763438	18.7	
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					
	3.609				
	4.079				
	4.682				
	5.072				
	5.939				
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

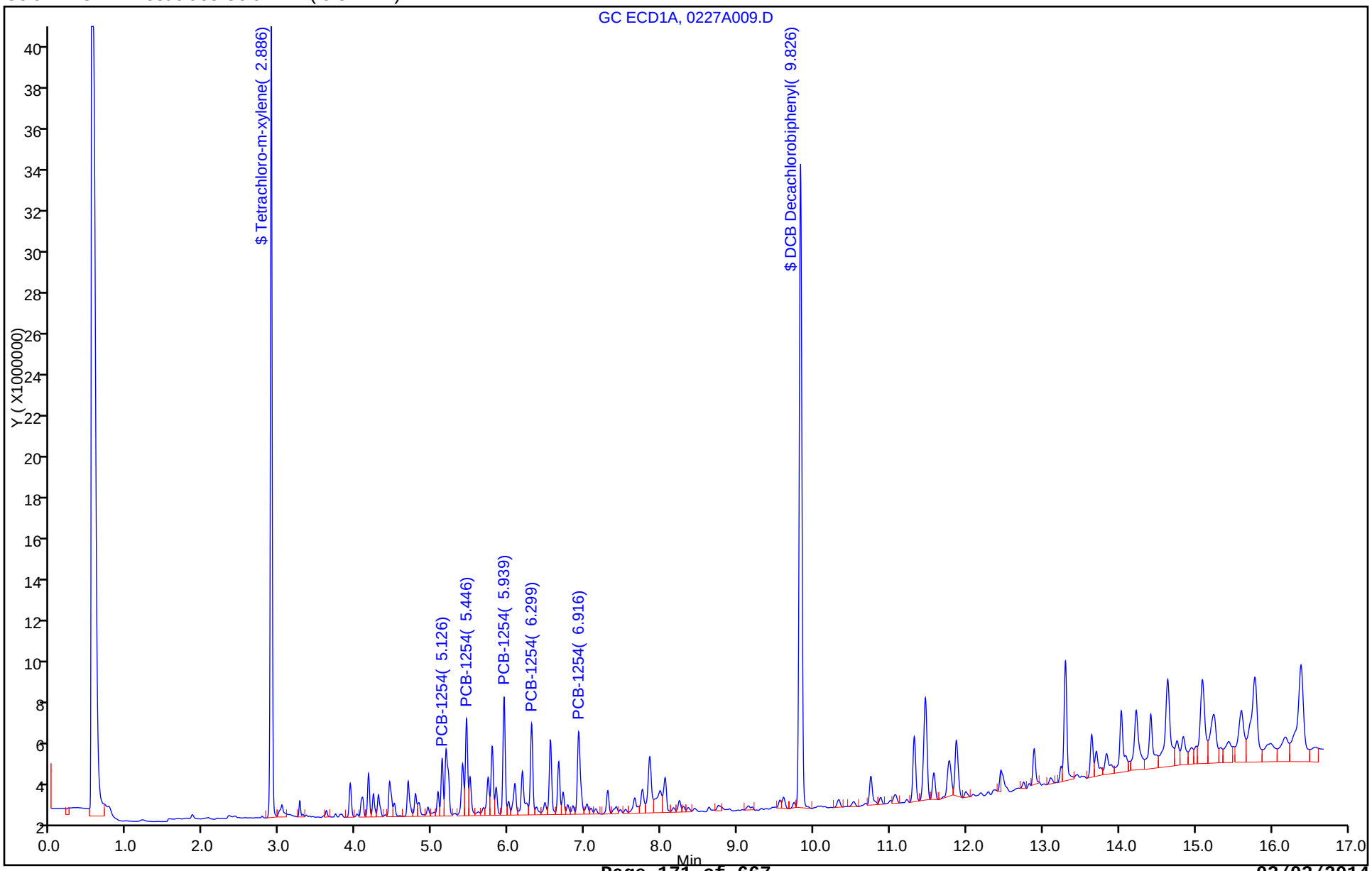
RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
	3.624				
	3.824				
	4.101				
	4.244				
	4.701				
7 PCB-1254					
5.126	5.129	-0.003	5505730	36.8	
5.446	5.453	-0.007	9920933	50.4	
5.939	5.943	-0.004	12118867	43.3	
6.299	6.303	-0.004	9827019	46.1	
6.916	6.919	-0.003	11107308	35.3	
	Average of Peak Amounts =			42.4	
8 PCB-1260					
	6.179				
	6.712				
	6.916				
	7.849				
	8.239				
10 PCB-1262					
	6.201				
	6.571				
	7.101				
	7.435				
	7.871				
12 PCB-1268					
	8.324				
	8.377				
	8.651				
	9.167				
	9.581				
$ 13 DCB Decachlorobiphenyl					
9.826	9.829	-0.003	75480352	19.2	
S 15 Polychlorinated biphenyls, Total					
				42.4	

Report Date: 03-Mar-2014 07:33:35 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A009.D				
Injection Date:	27-Feb-2014 11:11:51	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-2-A	Lab Sample ID:	280-52430-2	Worklist Smp#:	9
Client ID:	C-WI-4-LAB				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



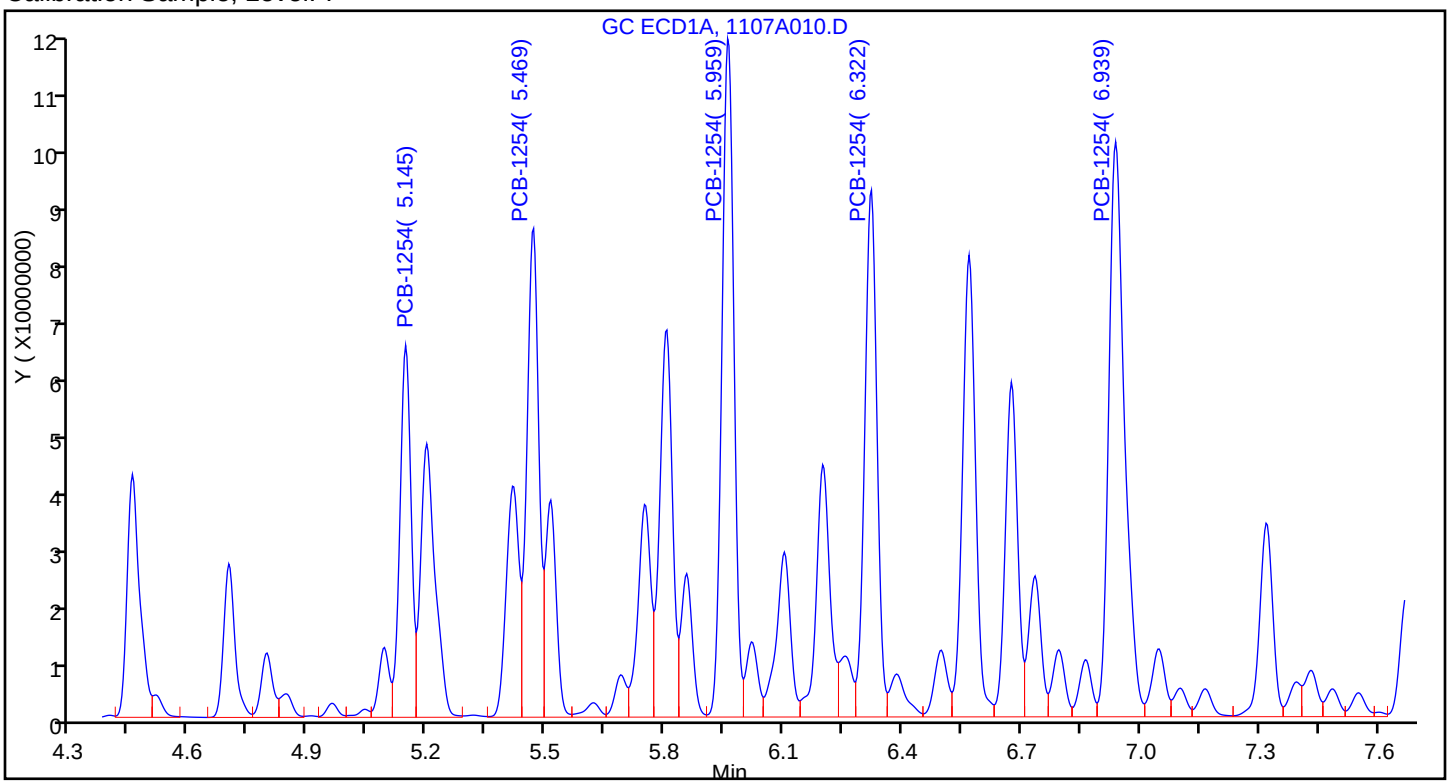
Report Date: 03-Mar-2014 07:33:35 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

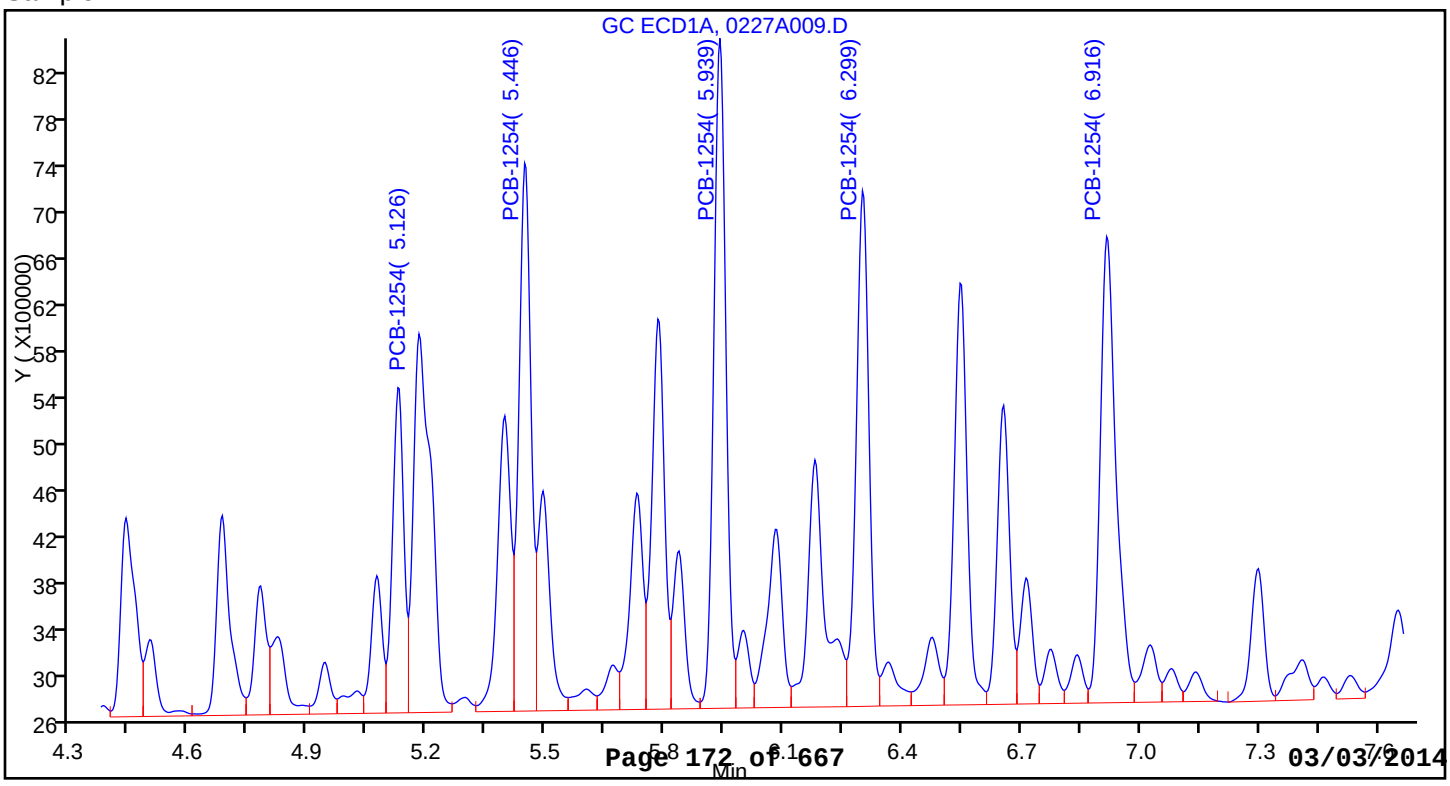
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A009.D				
Injection Date:	27-Feb-2014 11:11:51	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-2-A	Lab Sample ID:	280-52430-2		
Client ID:	C-WI-4-LAB				
Operator ID:	JAX	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

7 PCB-1254, CAS: 11097-69-1

Calibration Sample, Level: 7



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver
Job No.: 280-52430-1
SDG No.:
Client Sample ID: F-WI-3-LAB
Lab Sample ID: 280-52430-3
Matrix: Wipe
Lab File ID: 0227A010.D
Analysis Method: 8082A
Date Collected: 02/24/2014 12:10
Extraction Method: 3550C
Date Extracted: 02/24/2014 21:27
Sample wt/vol: 1(Wipe)
Date Analyzed: 02/27/2014 11:33
Con. Extract Vol.: 10000(uL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP1 ID: 0.32(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 214701
Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		1.5	0.32
12674-11-2	PCB-1016	ND		1.0	0.15
11141-16-5	PCB-1232	ND		1.0	0.15
53469-21-9	PCB-1242	ND		1.0	0.27
12672-29-6	PCB-1248	ND		1.0	0.10
11097-69-1	PCB-1254	0.38	J	1.0	0.12
11096-82-5	PCB-1260	ND		1.0	0.080
37324-23-5	PCB-1262	ND		1.0	0.34
11100-14-4	PCB-1268	ND		1.0	0.12
1336-36-3	Polychlorinated biphenyls, Total	0.38	J	1.0	0.080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		56-113
2051-24-3	DCB Decachlorobiphenyl	45	X	57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A010.D				
Lims ID:	280-52430-A-3-A	Lab Sample ID:	280-52430-3		
Client ID:	F-WI-3-LAB				
Sample Type:	Client				
Inject. Date:	27-Feb-2014 11:33:19	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	280-52430-A-3-A				
Operator ID:	JAX	Instrument ID:	SGC_P3a		
Method:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m				
Limit Group:	GCSV - 8082				
Last Update:	03-Mar-2014 07:31:27	Calib Date:	08-Nov-2013 04:12:16		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Process Host:	XAWRK051				

First Level Reviewer: jacksonto Date: 27-Feb-2014 12:53:30

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					
2.888	2.889	-0.001	58844631	17.8	
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					
	3.609				
	4.079				
	4.682				
	5.072				
	5.939				
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
	3.624				
	3.824				
	4.101				
	4.244				
	4.701				
7 PCB-1254					M
5.128	5.129	-0.001	7394363	53.3	M
5.448	5.453	-0.005	8176793	39.7	M
5.941	5.943	-0.002	9571622	32.0	M
6.298	6.303	-0.005	6682756	28.4	M
6.918	6.919	-0.001	11492324	36.8	M
	Average of Peak Amounts =			38.0	
8 PCB-1260					
	6.179				
	6.712				
	6.916				
	7.849				
	8.239				
10 PCB-1262					
	6.201				
	6.571				
	7.101				
	7.435				
	7.871				
12 PCB-1268					
	8.324				
	8.377				
	8.651				
	9.167				
	9.581				
$ 13 DCB Decachlorobiphenyl					M
9.828	9.829	-0.001	36653197	9.08	M
S 15 Polychlorinated biphenyls, Total					
				38.0	

QC Flag Legend

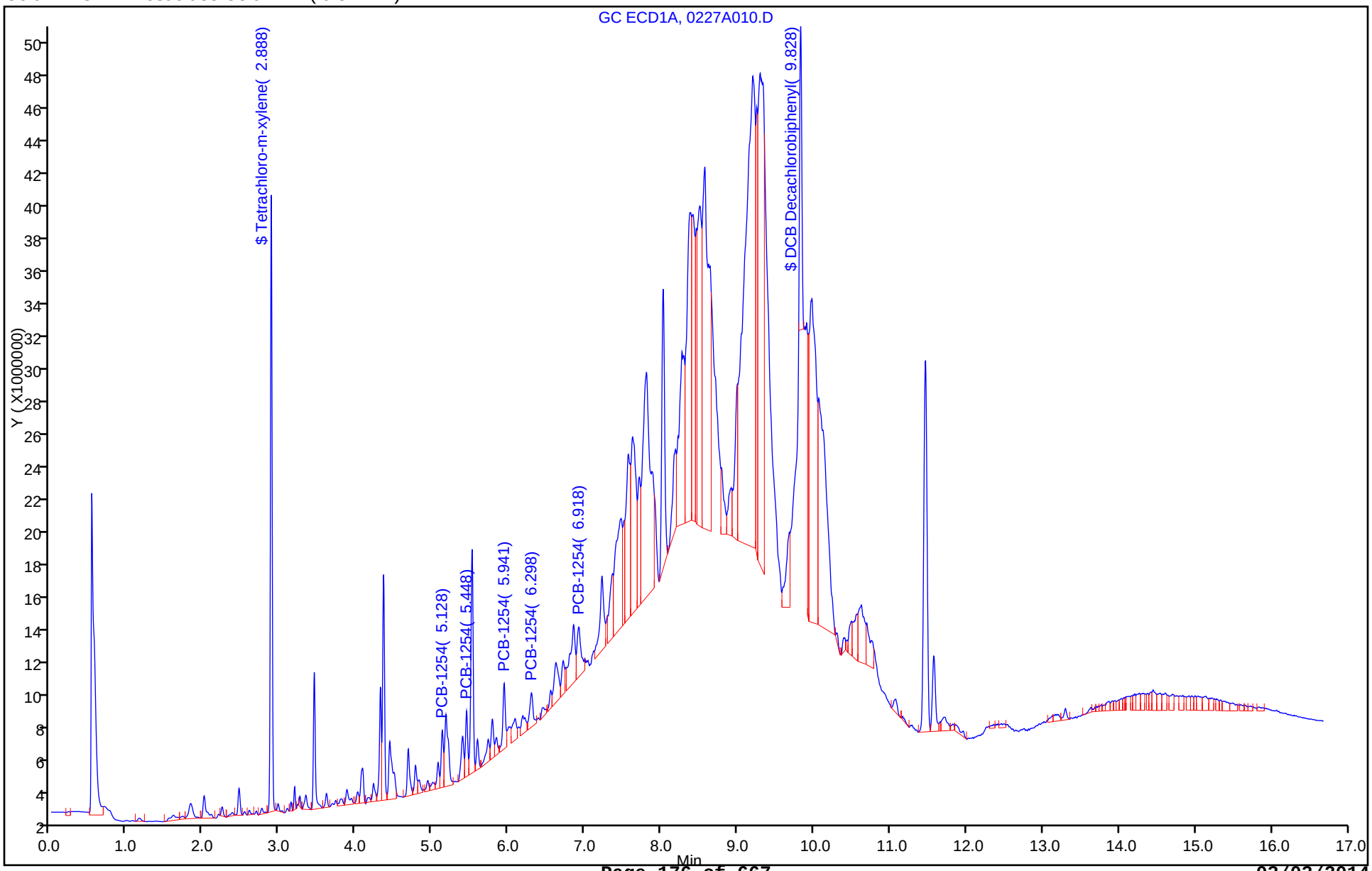
Review Flags
M - Manually Integrated

Report Date: 03-Mar-2014 07:33:27 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A010.D				
Injection Date:	27-Feb-2014 11:33:19	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-3-A	Lab Sample ID:	280-52430-3	Worklist Smp#:	10
Client ID:	F-WI-3-LAB				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



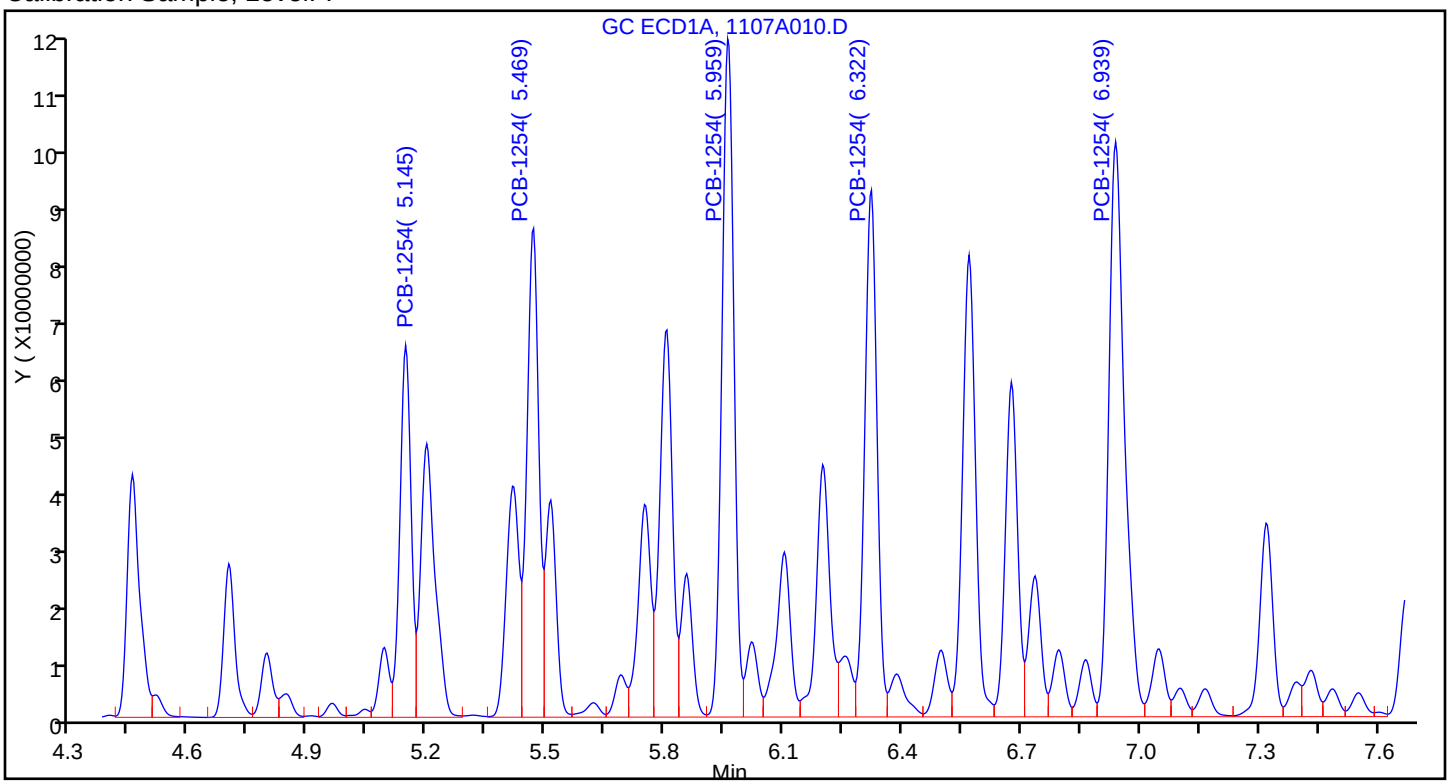
Report Date: 03-Mar-2014 07:33:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

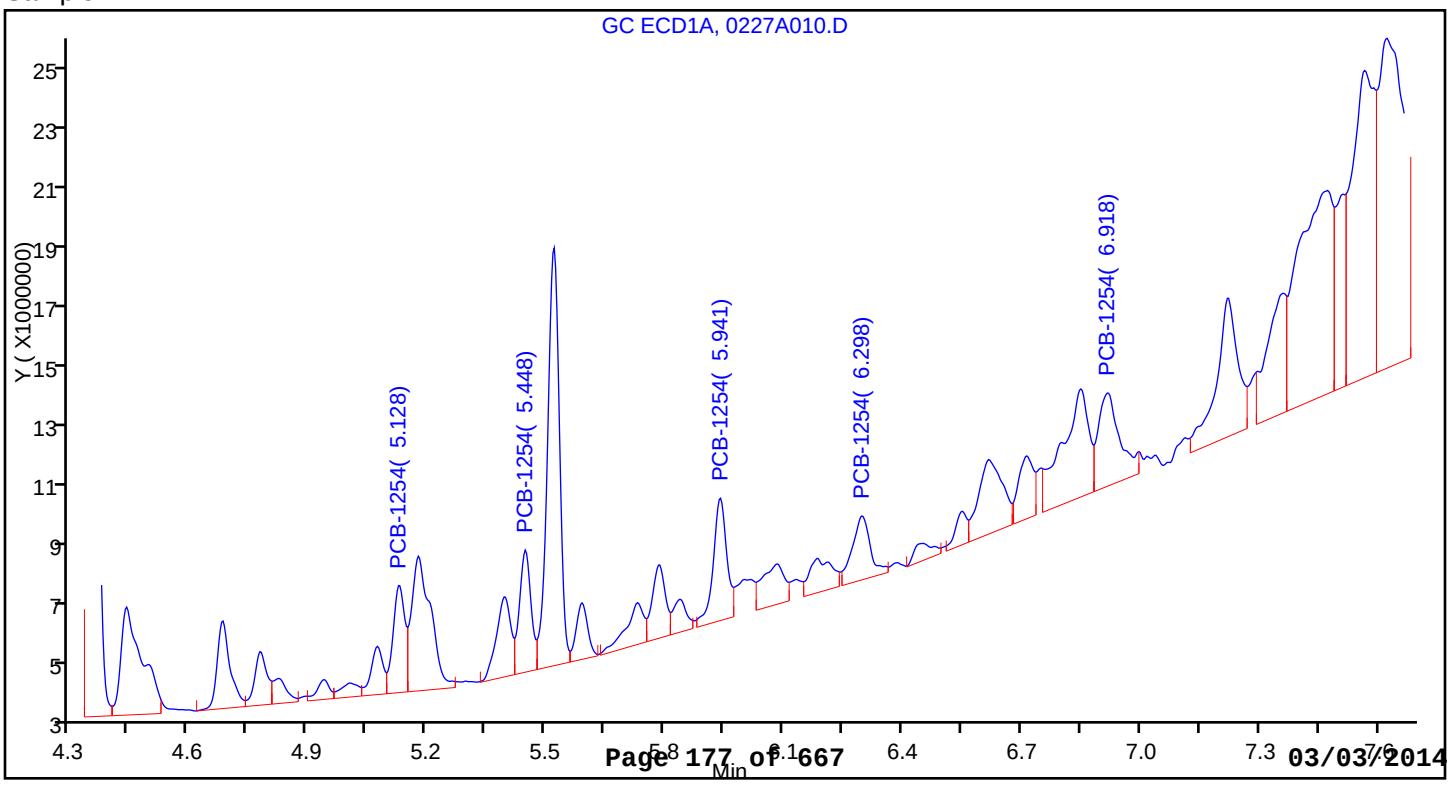
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A010.D				
Injection Date:	27-Feb-2014 11:33:19	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-3-A	Lab Sample ID:	280-52430-3		
Client ID:	F-WI-3-LAB				
Operator ID:	JAX	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

7 PCB-1254, CAS: 11097-69-1

Calibration Sample, Level: 7



Sample

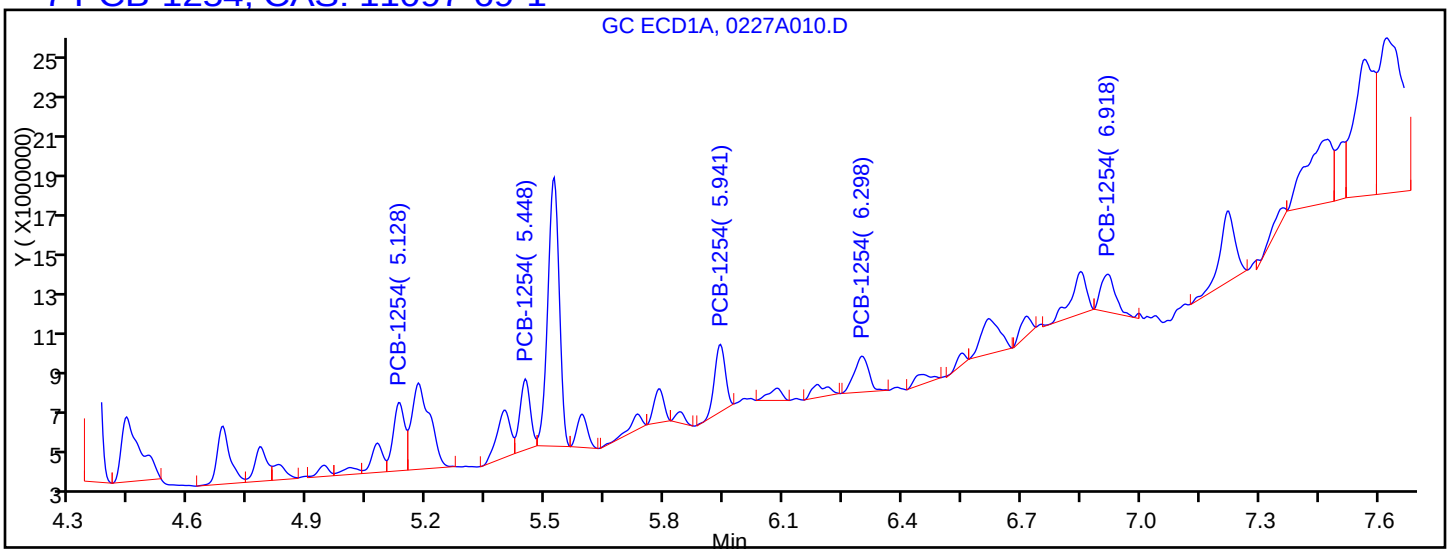


Report Date: 03-Mar-2014 07:33:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

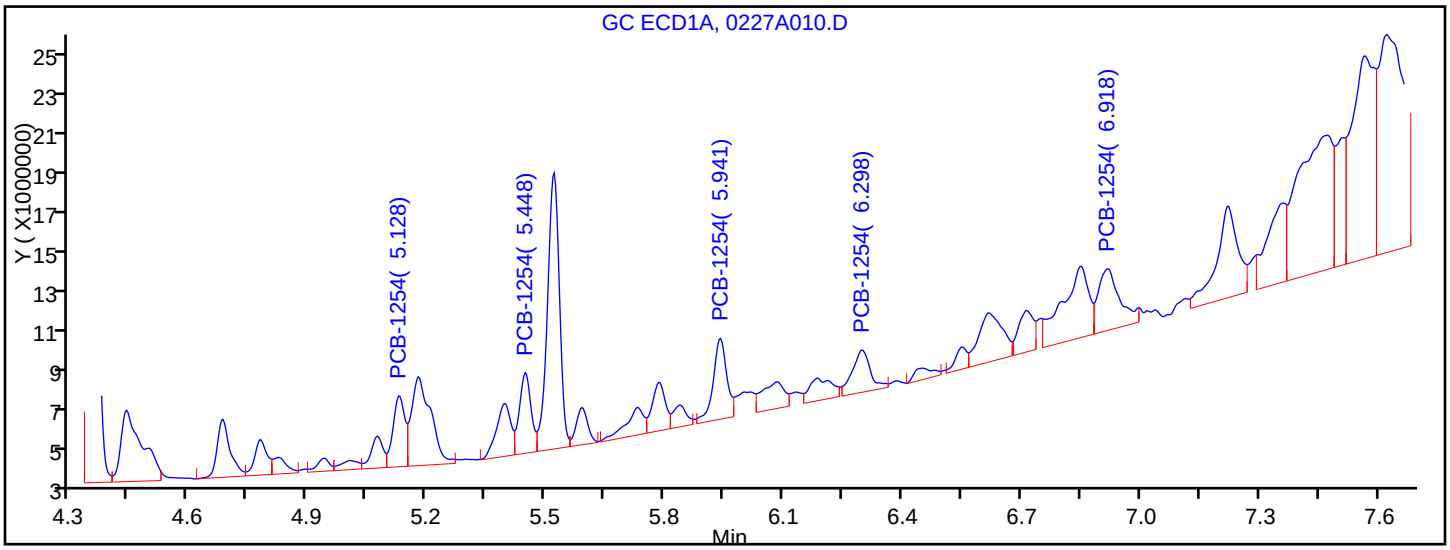
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A010.D				
Injection Date:	27-Feb-2014 11:33:19	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-3-A	Lab Sample ID:	280-52430-3		
Client ID:	F-WI-3-LAB				
Operator ID:	JAX	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

7 PCB-1254, CAS: 11097-69-1



Processing Integration Results

RT = 5.128	Response = 6905019	M
RT = 5.448	Response = 6414488	M
RT = 5.941	Response = 6293530	M
RT = 6.298	Response = 4518776	M
RT = 6.918	Response = 4787024	M



Manual Integration Results

RT = 5.128	Response = 7394363	M
RT = 5.448	Response = 8176793	M
RT = 5.941	Response = 9571622	M
RT = 6.298	Response = 6682756	M
RT = 6.918	Response = 11492324	M

Reviewer: jacksonto, 27-Feb-2014 12:53:30

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

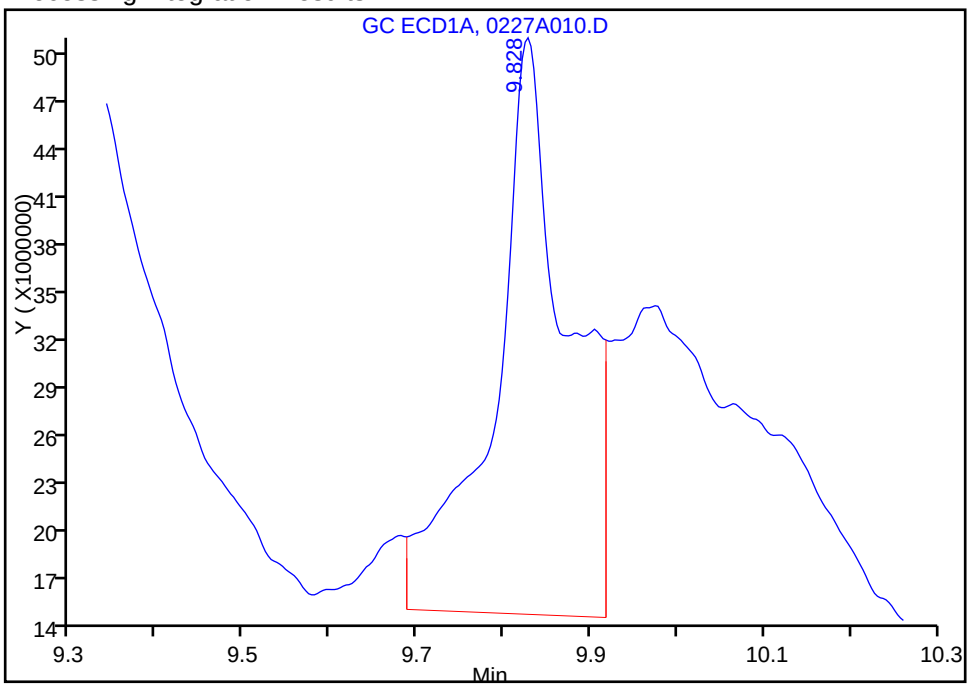
TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A010.D				
Injection Date:	27-Feb-2014 11:33:19	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-3-A	Lab Sample ID:	280-52430-3		
Client ID:	F-WI-3-LAB				
Operator ID:	JAX	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

$ 13 DCB Decachlorobiphenyl, CAS: 2051-24-3

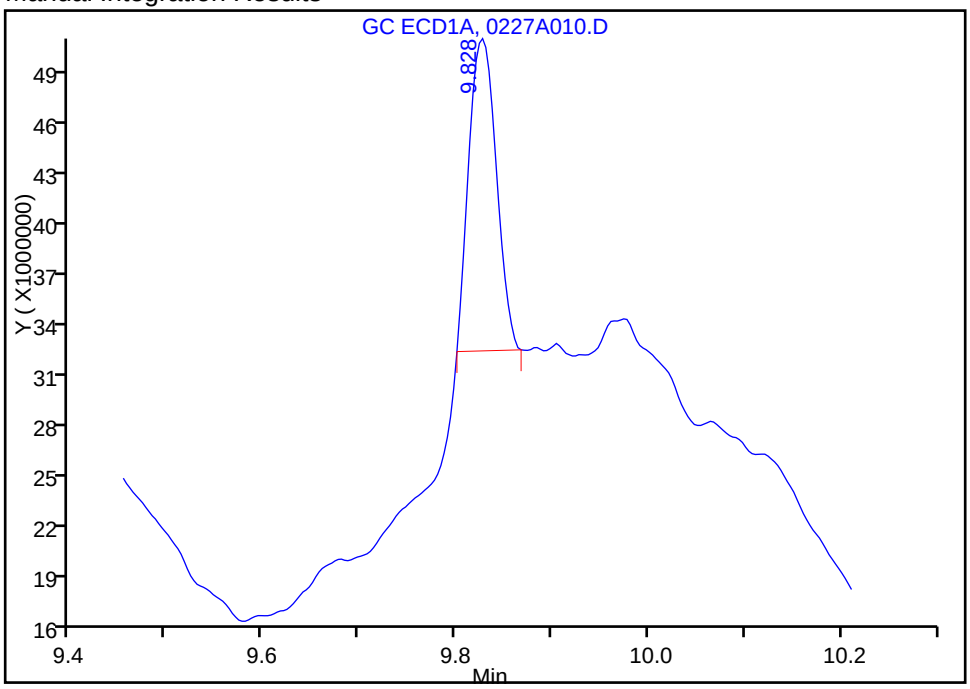
Processing Integration Results

RT: 9.83
Response: 211324139
Amount: 54.471391



Manual Integration Results

RT: 9.83
Response: 36653197
Amount: 9.082100



Reviewer: jacksonto, 27-Feb-2014 12:53:30
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver
Job No.: 280-52430-1
SDG No.:
Client Sample ID: H-WI-4-LAB
Lab Sample ID: 280-52430-4
Matrix: Wipe
Lab File ID: 0227A011.D
Analysis Method: 8082A
Date Collected: 02/24/2014 12:40
Extraction Method: 3550C
Date Extracted: 02/24/2014 21:27
Sample wt/vol: 1(Wipe)
Date Analyzed: 02/27/2014 11:54
Con. Extract Vol.: 10000(uL)
Dilution Factor: 10
Injection Volume: 1(uL)
GC Column: CLP1 ID: 0.32(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 214701
Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		15	3.2
12674-11-2	PCB-1016	ND		10	1.5
11141-16-5	PCB-1232	ND		10	1.5
53469-21-9	PCB-1242	ND		10	2.7
12672-29-6	PCB-1248	ND		10	1.0
11097-69-1	PCB-1254	57		10	1.2
11096-82-5	PCB-1260	ND		10	0.80
37324-23-5	PCB-1262	ND		10	3.4
11100-14-4	PCB-1268	ND		10	1.2
1336-36-3	Polychlorinated biphenyls, Total	57		10	0.80

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	92	D	56-113
2051-24-3	DCB Decachlorobiphenyl	99	D	57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A011.D				
Lims ID:	280-52430-A-4-A	Lab Sample ID:	280-52430-4		
Client ID:	H-WI-4-LAB				
Sample Type:	Client				
Inject. Date:	27-Feb-2014 11:54:39	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Sample Info:	280-52430-A-4-A				
Operator ID:	JAX	Instrument ID:	SGC_P3a		
Method:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m				
Limit Group:	GCSV - 8082				
Last Update:	03-Mar-2014 07:31:27	Calib Date:	08-Nov-2013 04:12:16		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Process Host:	XAWRK051				
First Level Reviewer: jacksonto		Date:	27-Feb-2014 12:54:59		

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					
2.888	2.889	-0.001	7190476	1.84	
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					
	3.609				
	4.079				
	4.682				
	5.072				
	5.939				
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

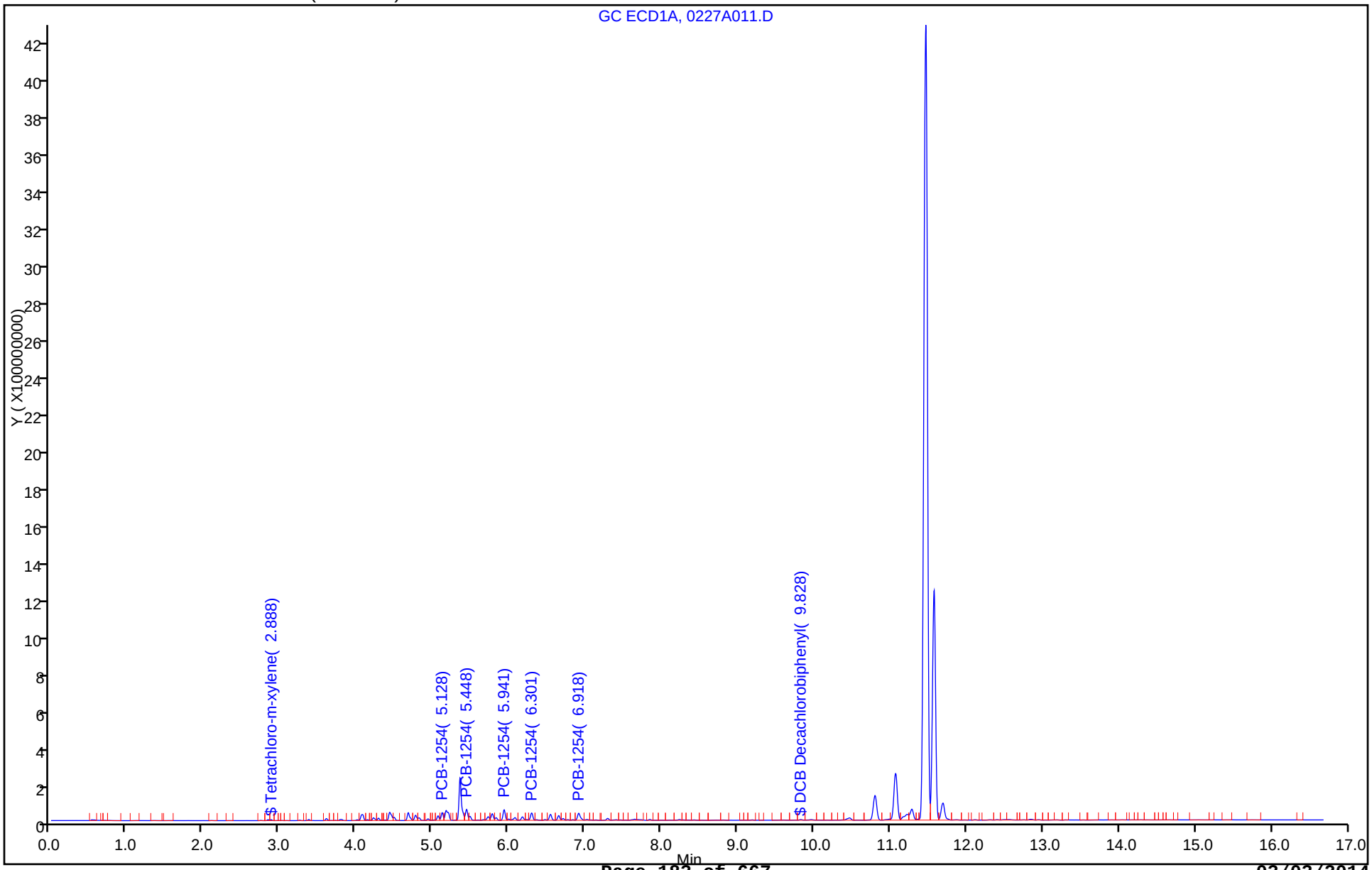
RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
	3.624				
	3.824				
	4.101				
	4.244				
	4.701				
7 PCB-1254					
5.128	5.129	-0.001	79651160	682.4	
5.448	5.453	-0.005	127513368	774.8	
5.941	5.943	-0.002	117710138	511.6	
6.301	6.303	-0.002	85831435	473.3	
6.918	6.919	-0.001	101607910	398.1	
	Average of Peak Amounts =			568.0	
8 PCB-1260					
	6.179				
	6.712				
	6.916				
	7.849				
	8.239				
10 PCB-1262					
	6.201				
	6.571				
	7.101				
	7.435				
	7.871				
12 PCB-1268					
	8.324				
	8.377				
	8.651				
	9.167				
	9.581				
$ 13 DCB Decachlorobiphenyl					
9.828	9.829	-0.001	9341391	1.98	
S 15 Polychlorinated biphenyls, Total					
				568.0	

Report Date: 03-Mar-2014 07:33:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A011.D				
Injection Date:	27-Feb-2014 11:54:39	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-4-A	Lab Sample ID:	280-52430-4	Worklist Smp#:	11
Client ID:	H-WI-4-LAB				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	11
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



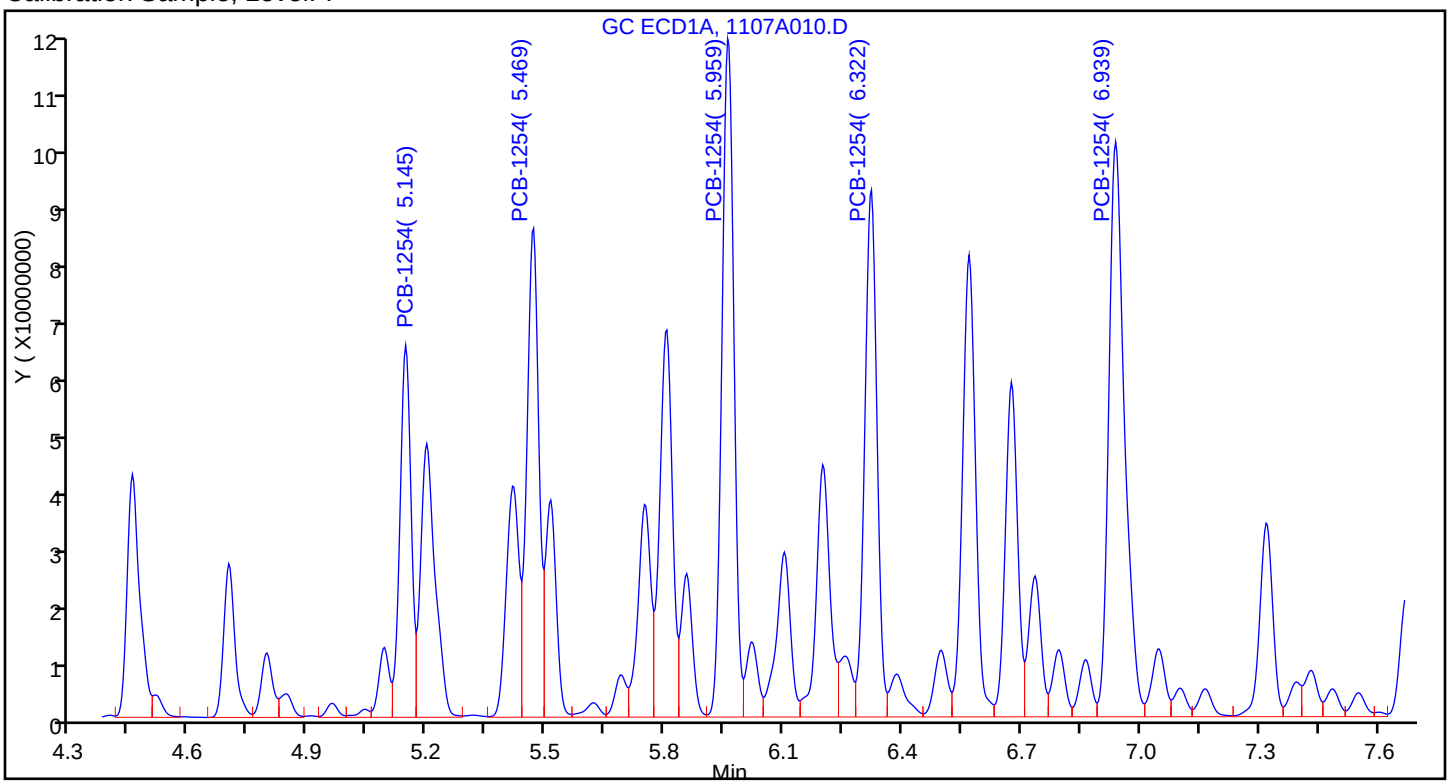
Report Date: 03-Mar-2014 07:33:28 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

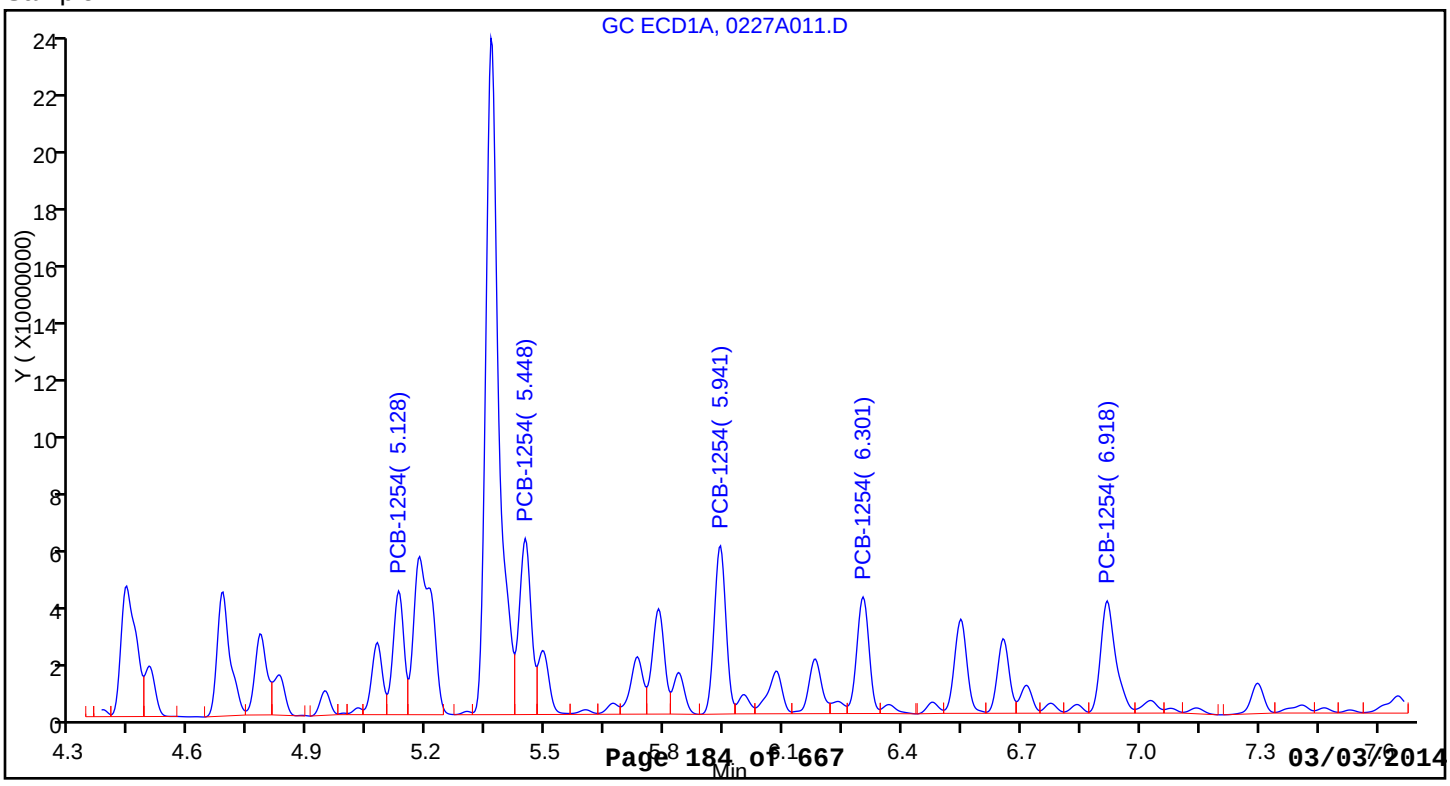
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A011.D				
Injection Date:	27-Feb-2014 11:54:39	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-4-A	Lab Sample ID:	280-52430-4		
Client ID:	H-WI-4-LAB				
Operator ID:	JAX	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

7 PCB-1254, CAS: 11097-69-1

Calibration Sample, Level: 7



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-52430-1

SDG No.:

Client Sample ID: I-FI-0-LAB | Lab Sample ID: 280-52430-5

Matrix: Wipe | Lab File ID: 0227A012.D

Analysis Method: 8082A | Date Collected: 02/24/2014 13:00

Extraction Method: 3550C | Date Extracted: 02/24/2014 21:27

Sample wt/vol: 1(Wipe) | Date Analyzed: 02/27/2014 12:15

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 214701 | Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		1.5	0.32
12674-11-2	PCB-1016	ND		1.0	0.15
11141-16-5	PCB-1232	ND		1.0	0.15
53469-21-9	PCB-1242	ND		1.0	0.27
12672-29-6	PCB-1248	5.4		1.0	0.10
11097-69-1	PCB-1254	ND		1.0	0.12
11096-82-5	PCB-1260	ND		1.0	0.080
37324-23-5	PCB-1262	ND		1.0	0.34
11100-14-4	PCB-1268	ND		1.0	0.12
1336-36-3	Polychlorinated biphenyls, Total	5.4		1.0	0.080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		56-113
2051-24-3	DCB Decachlorobiphenyl	64		57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File: \\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D
Lims ID: 280-52430-A-5-A Lab Sample ID: 280-52430-5
Client ID: I-FI-0-LAB
Sample Type: Client
Inject. Date: 27-Feb-2014 12:15:58 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 280-52430-A-5-A
Operator ID: JAX Instrument ID: SGC_P3a

Method: \\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m
Limit Group: GCSV - 8082
Last Update: 03-Mar-2014 07:31:27 Calib Date: 08-Nov-2013 04:12:16
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D

Column 1 : CLP1 Pesticides Column 1 (0.32 mm) Det: GC ECD1A
Process Host: XAWRK051

First Level Reviewer: jacksonto Date: 27-Feb-2014 12:56:37

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					M
2.888	2.889	-0.001	51788589	15.6	M
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					M
3.611	3.609	0.002	11895717	238.5	
4.084	4.079	0.005	53598506	390.3	M
4.684	4.682	0.002	75393663	509.1	M
5.074	5.072	0.002	41869336	558.0	M
5.941	5.939	0.002	82349858	995.1	M
	Average of Peak Amounts =			538.2	
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
3.624					
3.824					
4.101					
4.244					
4.701					
7 PCB-1254					M
5.129					
5.453					
5.943					
6.303					
6.919					
8 PCB-1260					
6.179					
6.712					
6.916					
7.849					
8.239					
10 PCB-1262					
6.201					
6.571					
7.101					
7.435					
7.871					
12 PCB-1268					
8.324					
8.377					
8.651					
9.167					
9.581					
$ 13 DCB Decachlorobiphenyl					M
9.841	9.829	0.012	50932221	12.8	M
S 15 Polychlorinated biphenyls, Total					
				538.2	

QC Flag Legend

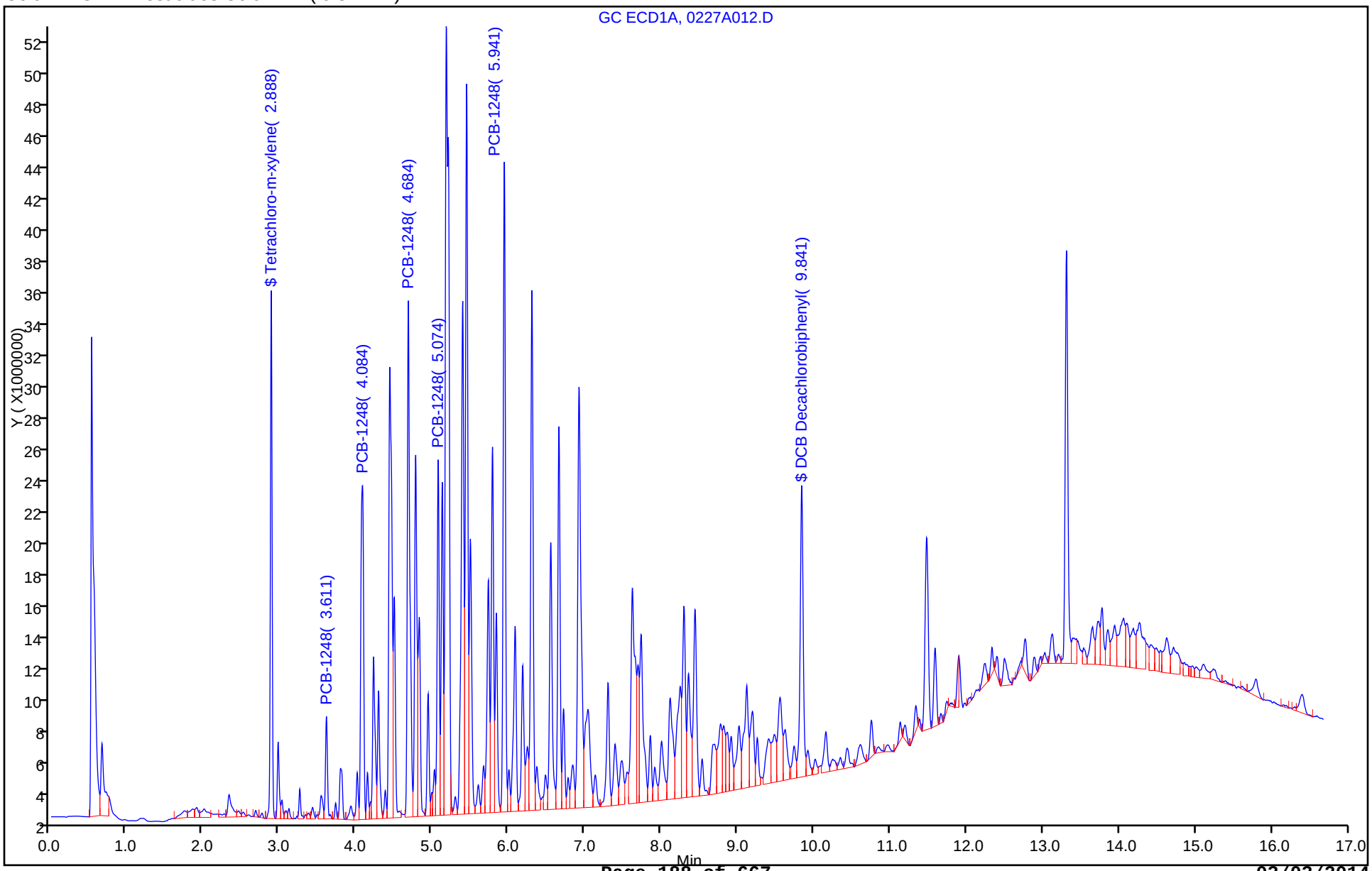
Review Flags
M - Manually Integrated

Report Date: 03-Mar-2014 07:33:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D				
Injection Date:	27-Feb-2014 12:15:58	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-5-A	Lab Sample ID:	280-52430-5	Worklist Smp#:	12
Client ID:	I-FI-0-LAB				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



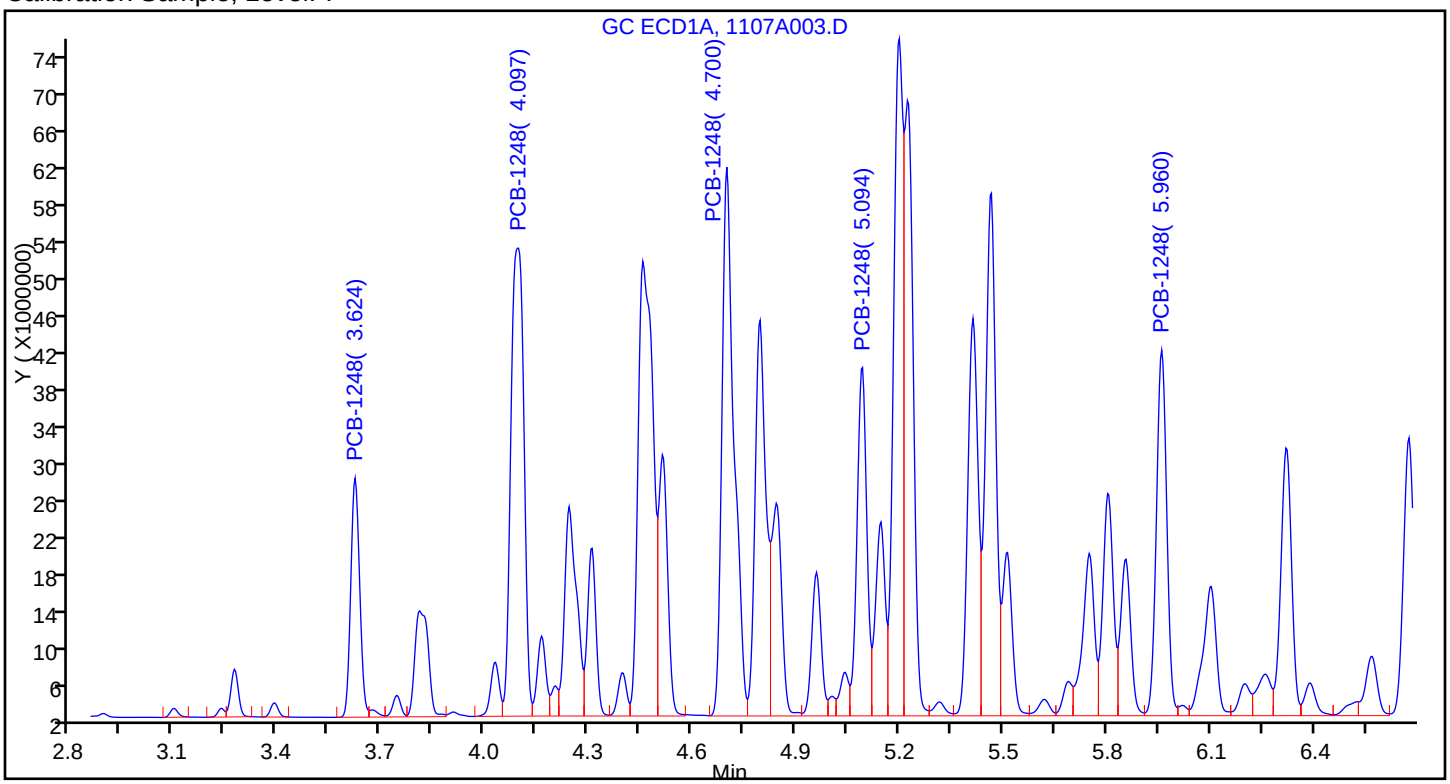
Report Date: 03-Mar-2014 07:33:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

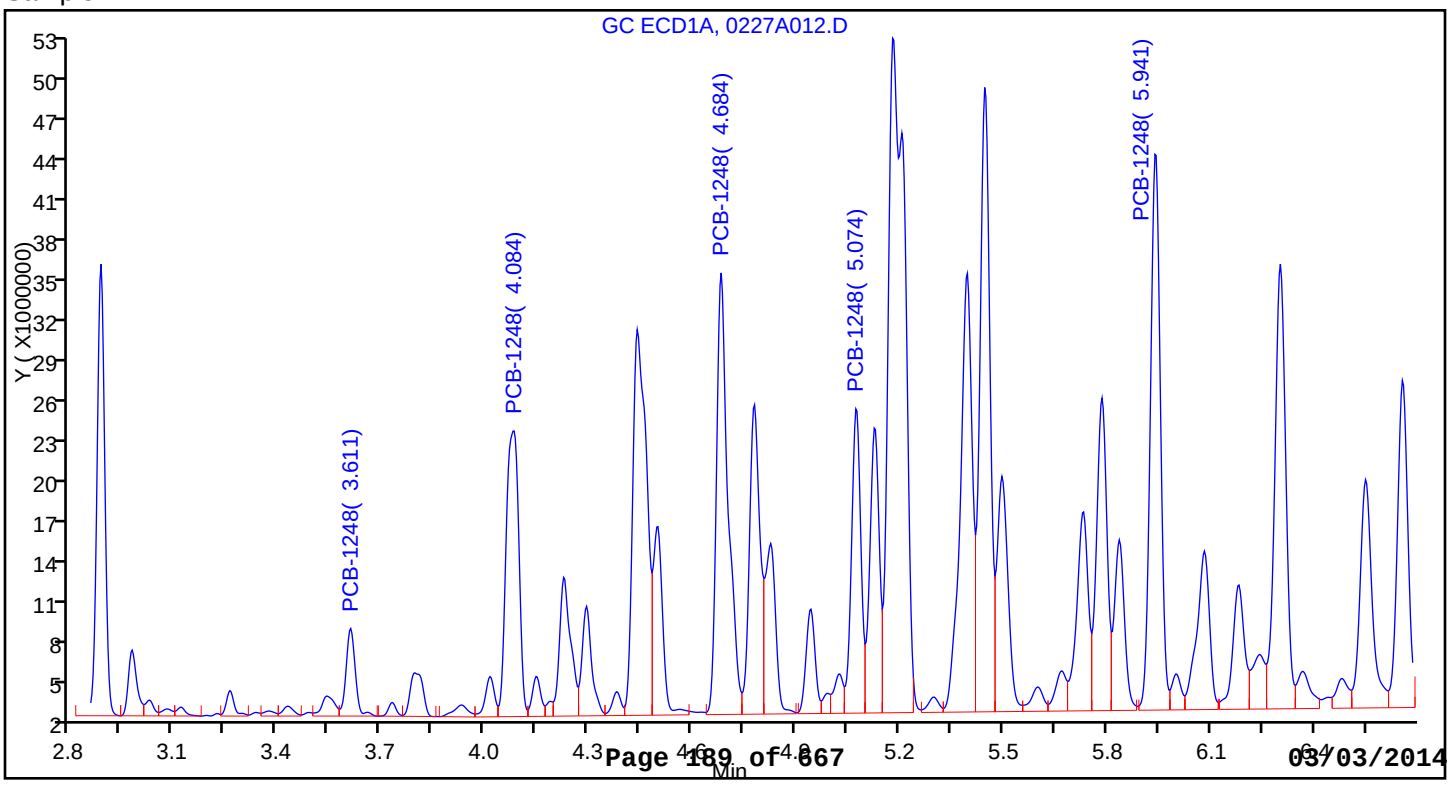
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D				
Injection Date:	27-Feb-2014 12:15:58	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-5-A	Lab Sample ID:	280-52430-5		
Client ID:	I-FI-0-LAB				
Operator ID:	JAX	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

4 PCB-1248, CAS: 12672-29-6

Calibration Sample, Level: 7



Sample

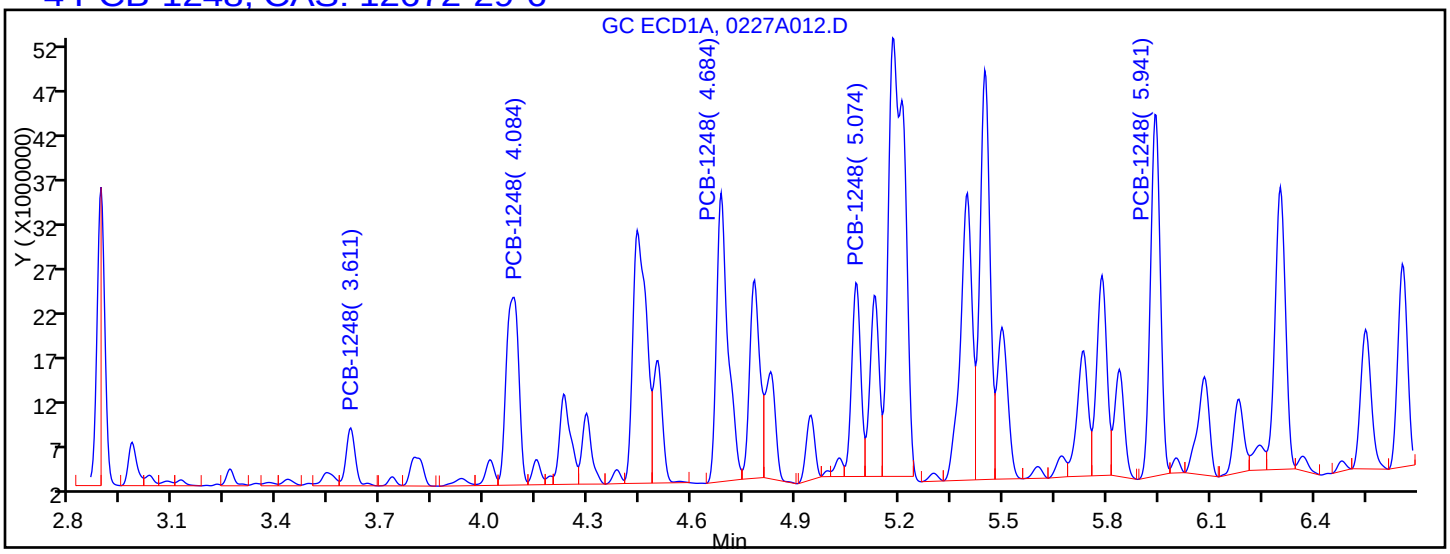


Report Date: 03-Mar-2014 07:33:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

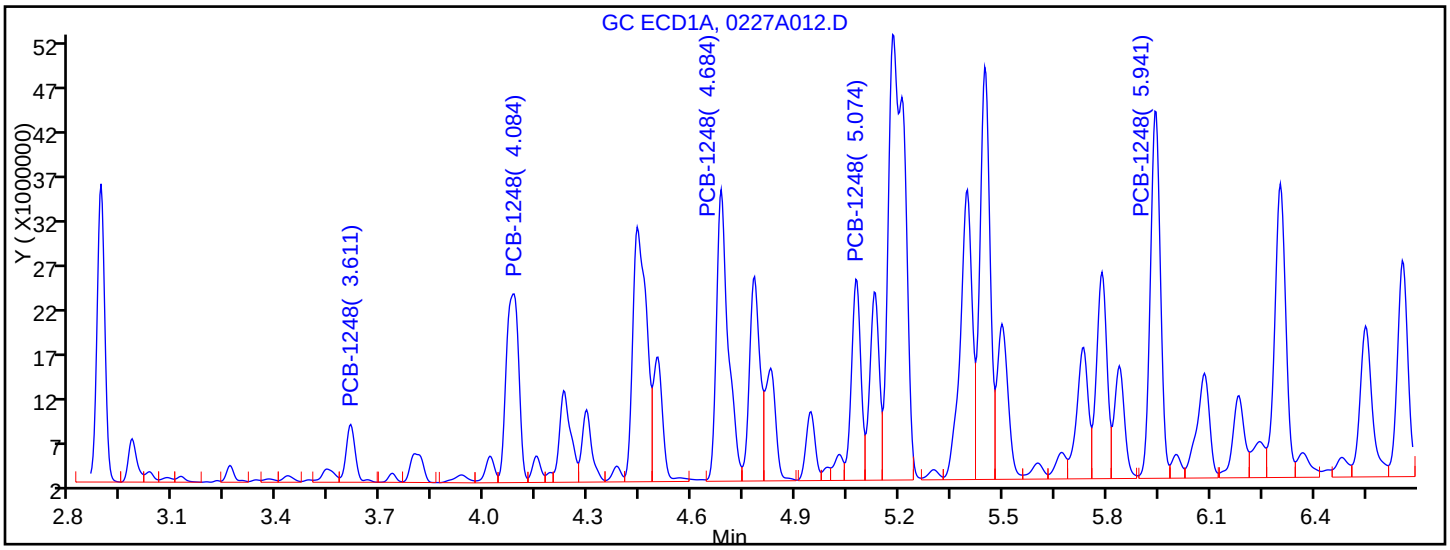
Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D				
Injection Date:	27-Feb-2014 12:15:58	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-5-A	Lab Sample ID:	280-52430-5		
Client ID:	I-FI-0-LAB				
Operator ID:	JAX	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

4 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.611	Response = 11895717	
RT = 4.084	Response = 52989979	M
RT = 4.684	Response = 73056917	M
RT = 5.074	Response = 38945355	M
RT = 5.941	Response = 79024835	M



Manual Integration Results

RT = 3.611	Response = 11895717	
RT = 4.084	Response = 53598506	M
RT = 4.684	Response = 75393663	M
RT = 5.074	Response = 41869336	M
RT = 5.941	Response = 82349858	M

Reviewer: jacksonto, 27-Feb-2014 12:56:37

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

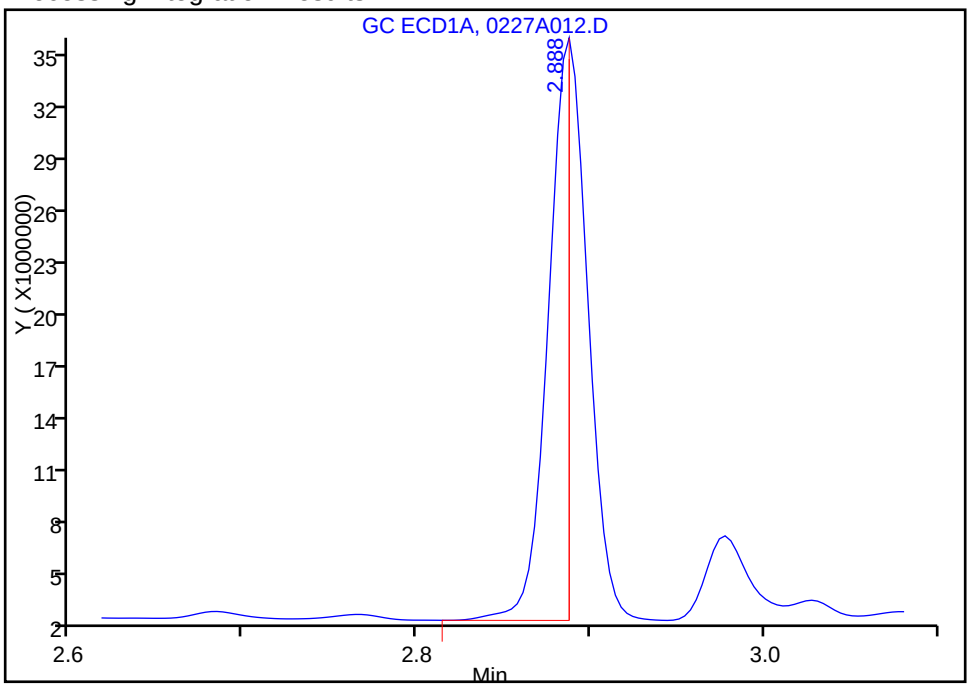
TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D				
Injection Date:	27-Feb-2014 12:15:58	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-5-A	Lab Sample ID:	280-52430-5		
Client ID:	I-FI-0-LAB				
Operator ID:	JAX	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

$ 1 Tetrachloro-m-xylene, CAS: 877-09-8

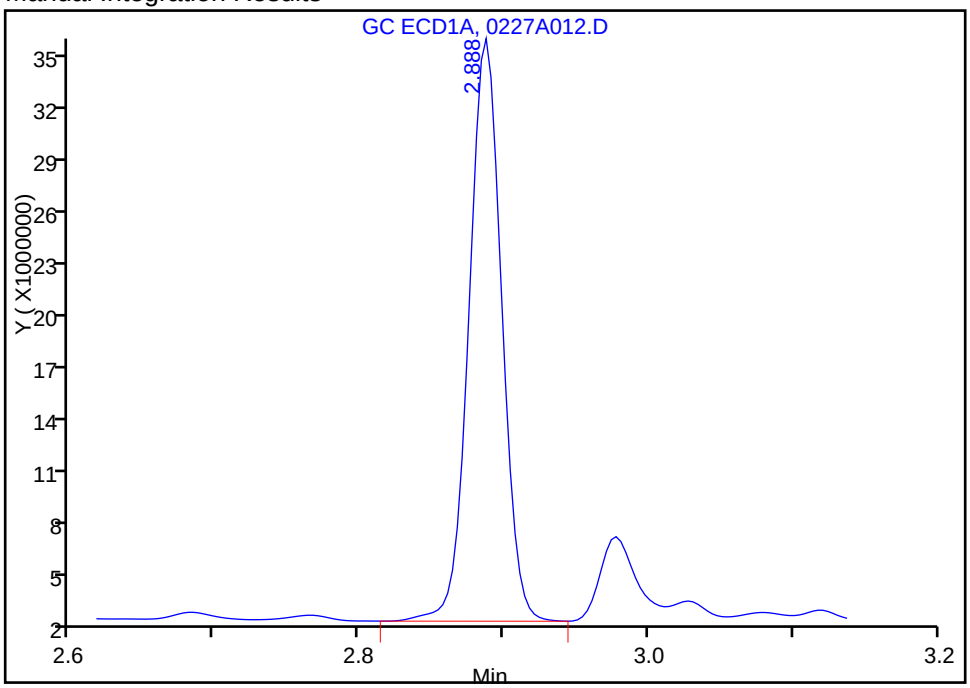
Processing Integration Results

RT: 2.89
Response: 26775198
Amount: 7.901815



Manual Integration Results

RT: 2.89
Response: 51788589
Amount: 15.639529



Reviewer: jacksonto, 27-Feb-2014 12:56:37
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

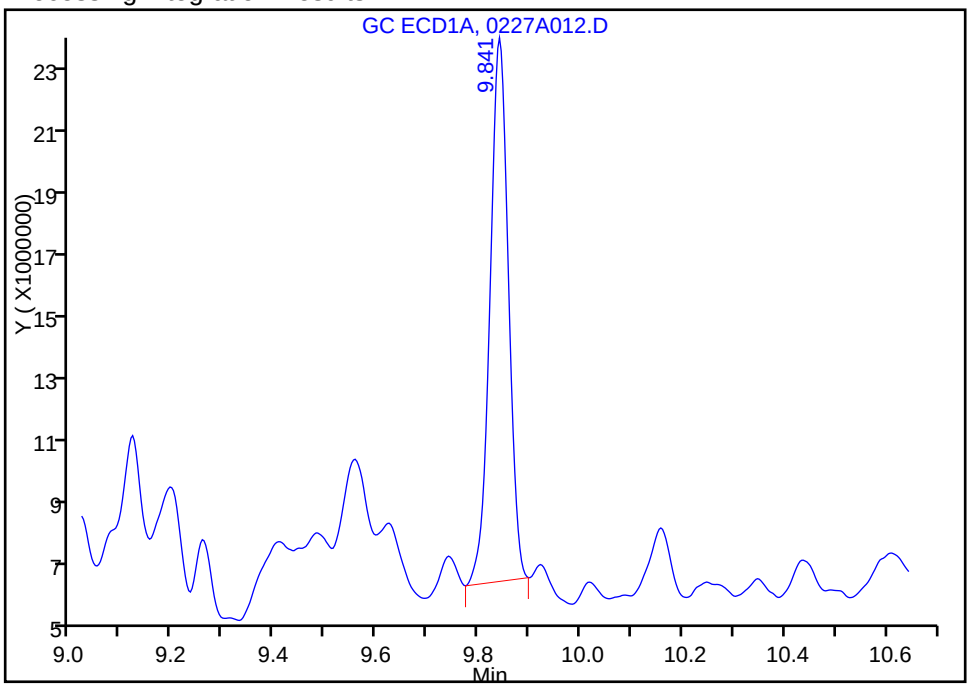
TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A012.D				
Injection Date:	27-Feb-2014 12:15:58	Instrument ID:	SGC_P3a		
Lims ID:	280-52430-A-5-A	Lab Sample ID:	280-52430-5		
Client ID:	I-FI-0-LAB				
Operator ID:	JAX	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCB_P3a	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

$ 13 DCB Decachlorobiphenyl, CAS: 2051-24-3

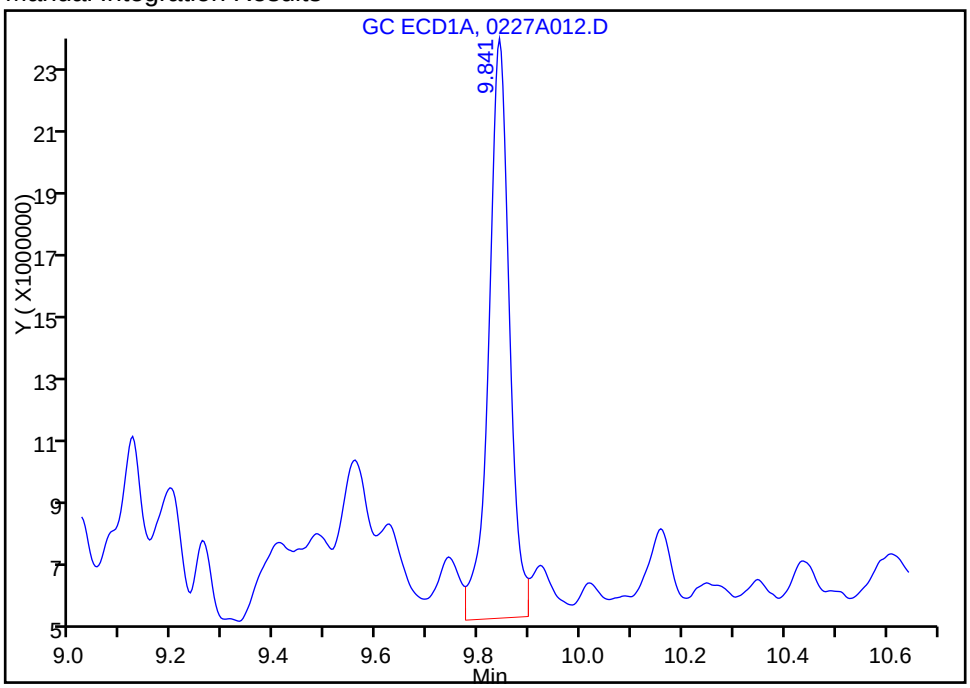
Processing Integration Results

RT: 9.84
Response: 42657793
Amount: 10.642430



Manual Integration Results

RT: 9.84
Response: 50932221
Amount: 12.792590



Reviewer: jacksonto, 27-Feb-2014 12:56:37
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver
Job No.: 280-52430-1
SDG No.:
Client Sample ID: BLANK
Lab Sample ID: 280-52430-6
Matrix: Wipe
Lab File ID: 0227A013.D
Analysis Method: 8082A
Date Collected: 02/24/2014 00:00
Extraction Method: 3550C
Date Extracted: 02/24/2014 21:27
Sample wt/vol: 1(Wipe)
Date Analyzed: 02/27/2014 12:37
Con. Extract Vol.: 10000(uL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP1 ID: 0.32(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 214701
Units: ug/Wipe

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		1.5	0.32
12674-11-2	PCB-1016	ND		1.0	0.15
11141-16-5	PCB-1232	ND		1.0	0.15
53469-21-9	PCB-1242	ND		1.0	0.27
12672-29-6	PCB-1248	ND		1.0	0.10
11097-69-1	PCB-1254	ND		1.0	0.12
11096-82-5	PCB-1260	ND		1.0	0.080
37324-23-5	PCB-1262	ND		1.0	0.34
11100-14-4	PCB-1268	ND		1.0	0.12
1336-36-3	Polychlorinated biphenyls, Total	ND		1.0	0.080

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	97		56-113
2051-24-3	DCB Decachlorobiphenyl	90		57-121

TestAmerica Denver
Target Compound Quantitation Report

Data File: \\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A013.D
Lims ID: 280-52430-A-6-A Lab Sample ID: 280-52430-6
Client ID: BLANK
Sample Type: Client
Inject. Date: 27-Feb-2014 12:37:23 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 280-52430-A-6-A
Operator ID: JAX Instrument ID: SGC_P3a

Method: \\Denchrom\ChromData\SGC_P3a\20140227-20475.b\PCB_P3a.m
Limit Group: GCSV - 8082
Last Update: 03-Mar-2014 07:31:27 Calib Date: 08-Nov-2013 04:12:16
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D

Column 1 : CLP1 Pesticides Column 1 (0.32 mm) Det: GC ECD1A
Process Host: XAWRK051

First Level Reviewer: jacksonto Date: 27-Feb-2014 13:31:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene					
2.890	2.889	0.001	64246957	19.5	
2 PCB-1221					
	3.095				
	3.235				
	3.275				
3 PCB-1232					
	3.275				
	3.625				
	4.101				
	4.241				
	4.701				
4 PCB-1248					
	3.609				
	4.079				
	4.682				
	5.072				
	5.939				
5 PCB-1016					
	3.612				
	4.086				
	4.229				
	4.296				
	4.686				

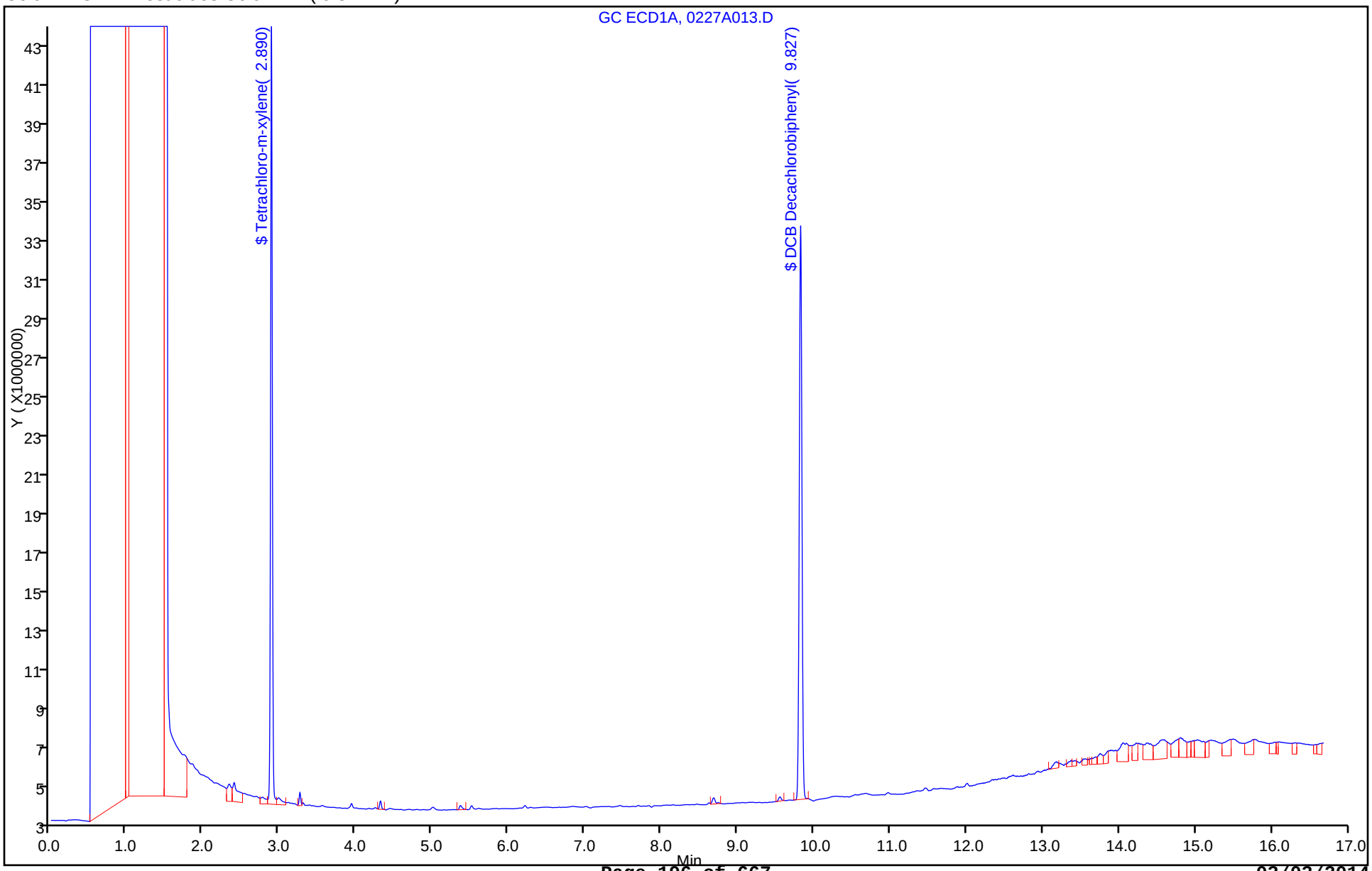
RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
6 PCB-1242					
3.624					
3.824					
4.101					
4.244					
4.701					
7 PCB-1254					
5.129					
5.453					
5.943					
6.303					
6.919					
8 PCB-1260					
6.179					
6.712					
6.916					
7.849					
8.239					
10 PCB-1262					
6.201					
6.571					
7.101					
7.435					
7.871					
12 PCB-1268					
8.324					
8.377					
8.651					
9.167					
9.581					
$ 13 DCB Decachlorobiphenyl					
9.827	9.829	-0.002	71084199	18.0	
S 15 Polychlorinated biphenyls, Total					
20.000					

Report Date: 03-Mar-2014 07:33:30 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20140227-20475.b\0227A013.D				
Injection Date:	27-Feb-2014 12:37:23	Instrument ID:	SGC_P3a	Operator ID:	JAX
Lims ID:	280-52430-A-6-A	Lab Sample ID:	280-52430-6	Worklist Smp#:	13
Client ID:	BLANK				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	PCB_P3a	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm)



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-52430-1

SDG No.:

Client Sample ID: C-SOIL-LIGHT | Lab Sample ID: 280-52430-7

Matrix: Solid | Lab File ID: 02281441.D

Analysis Method: 8082A | Date Collected: 02/24/2014 13:25

Extraction Method: 3546 | Date Extracted: 02/25/2014 09:30

Sample wt/vol: 32.2(g) | Date Analyzed: 03/01/2014 01:25

Con. Extract Vol.: 10000(uL) | Dilution Factor: 30

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 2.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 214907 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		1300	450
12674-11-2	PCB-1016	ND		950	150
11141-16-5	PCB-1232	ND		950	150
53469-21-9	PCB-1242	ND		950	260
12672-29-6	PCB-1248	3100		950	160
11097-69-1	PCB-1254	ND		950	160
11096-82-5	PCB-1260	ND		950	76
37324-23-5	PCB-1262	ND		950	330
11100-14-4	PCB-1268	ND		950	110
1336-36-3	Polychlorinated biphenyls, Total	3100		950	76

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	-6	X D	53-128
2051-24-3	DCB Decachlorobiphenyl	-2	X D	59-130

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\02281441.D				
Lims ID:	280-52430-A-7-A	Lab Sample ID:	280-52430-7		
Client ID:	C-SOIL-LIGHT				
Sample Type:	Client				
Inject. Date:	01-Mar-2014 01:25:48	ALS Bottle#:	41	Worklist Smp#:	41
Injection Vol:	1.0 uL	Dil. Factor:	30.0000		
Sample Info:	280-52430-A-7-A				
Operator ID:	JAX	Instrument ID:	SGC_W		
Method:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\8082_608_W.m				
Limit Group:	GCSV - 8082				
Last Update:	01-Mar-2014 12:43:20	Calib Date:	24-Jan-2014 03:12:54		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_W\20140123-19297.b\01231435.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Column 2 :	CLP2 Pesticides Column 2 (0.32 mm)		Det: GC ECD2B		
Process Host:	XAWRK029				

First Level Reviewer: jacksonto Date: 01-Mar-2014 12:41:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene						
1	3.987	3.983	0.004	3104	-0.0393	
2	3.837	3.833	0.004	2999	-0.3339	
					RPD = -157.88	
3 PCB-1232						
1		4.250				
1		4.517				
1		5.747				
1		5.957				
1		6.620				
2		4.257				
2		4.530				
2		5.790				
2		6.000				
2		6.947				
2 PCB-1221						
1		4.250				
1		4.460				
1		4.517				
2		4.257				
2		4.450				
2		4.530				

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
4 PCB-1242						
1		4.520				
1		5.043				
1		5.750				
1		5.960				
1		6.620				
2		4.530				
2		5.117				
2		5.790				
2		6.000				
2		6.750				
5 PCB-1016						
1		5.033				
1		5.740				
1		5.950				
1		6.047				
1		6.607				
2		4.517				
2		5.103				
2		5.773				
2		5.983				
2		6.307				
6 PCB-1248						
1	5.033	5.037	-0.004	42386	195.5	
1	5.737	5.743	-0.006	89097	195.5	
1	6.593	6.613	-0.020	151219	318.9	
1	7.143	7.167	-0.024	75618	357.6	
1	8.327	8.360	-0.033	137701	564.9	
		Average of Peak Amounts =			326.5	
2	5.097	5.110	-0.013	38477	184.8	
2	5.773	5.787	-0.014	124524	290.6	
2	6.727	6.750	-0.023	103004	332.1	
2	7.347	7.373	-0.026	128612	381.8	
2	7.413	7.443	-0.030	219840	500.1	
		Average of Peak Amounts =			337.9	
					RPD = 3.43	
7 PCB-1254						
1		7.243				
1		8.150				
1		8.357				
1		9.163				
1		9.647				
2		7.440				
2		7.767				
2		8.347				
2		8.543				
2		9.250				

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
10 PCB-5432						
1		8.517				
1		9.297				
1		10.190				
1		11.033				
1		12.053				
2		9.297				
2		9.980				
2		10.937				
2		11.723				
2		12.030				
9 PCB-1260						
1		8.667				
1		9.633				
1		10.273				
1		10.823				
1		11.327				
2		8.863				
2		9.230				
2		9.850				
2		10.977				
2		12.667				
8 PCB-1262						
1		8.680				
1		9.853				
1		10.283				
1		10.837				
1		11.407				
2		8.883				
2		9.250				
2		10.033				
2		10.553				
2		11.000				
12 PCB-1268						
1		11.407				
1		11.473				
1		11.820				
1		11.973				
1		12.977				
2		11.640				
2		11.717				
2		12.170				
2		12.347				
2		13.267				

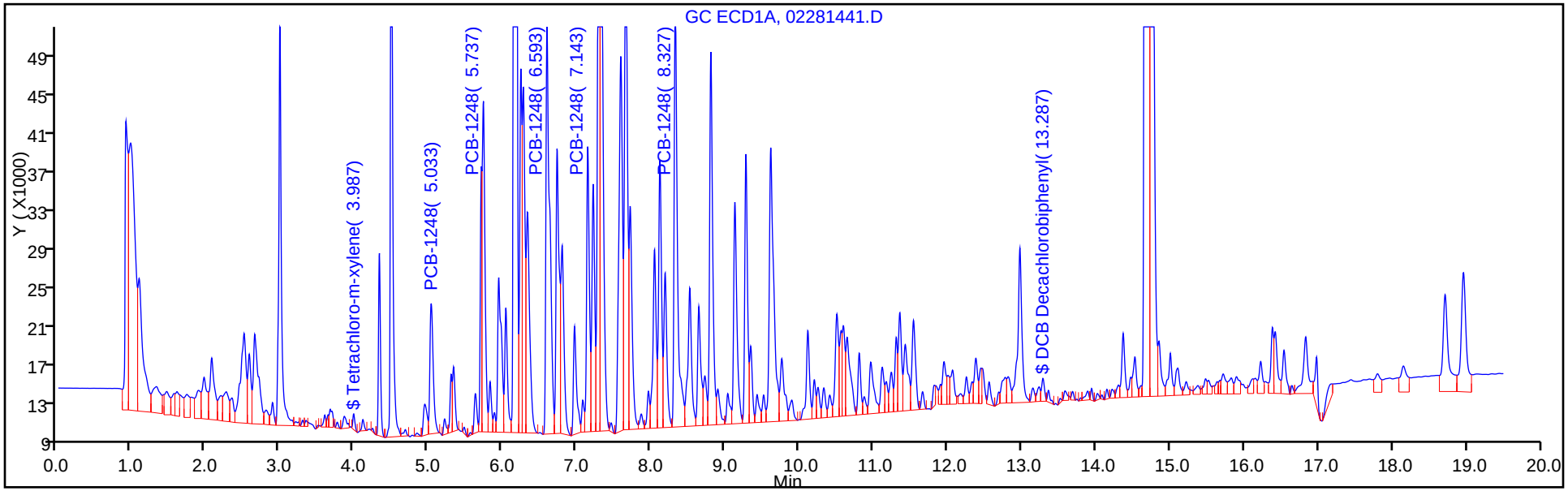
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
11 PCB-5442						
1		11.517				
1		12.143				
1		12.597				
1		12.907				
1		13.293				
2		12.320				
2		12.570				
2		12.727				
2		13.047				
2		13.483				
$ 13 DCB Decachlorobiphenyl						
1	13.287	13.293	-0.006	6427	-0.0110	
2	13.637	13.643	-0.006	4821	-0.3013	
					RPD = -185.95	
14 PCB-5460						
1		14.757				
1		15.080				
1		15.587				
1		15.960				
1		16.697				
2		15.110				
2		15.600				
2		15.980				
2		17.247				
2		18.077				
S 15 Polychlorinated biphenyls, Total						
1					326.5	
2					337.9	
					RPD = 3.43	

Report Date: 01-Mar-2014 12:43:24 Chrom Revision: 2.1 15-Jan-2014 14:06:26

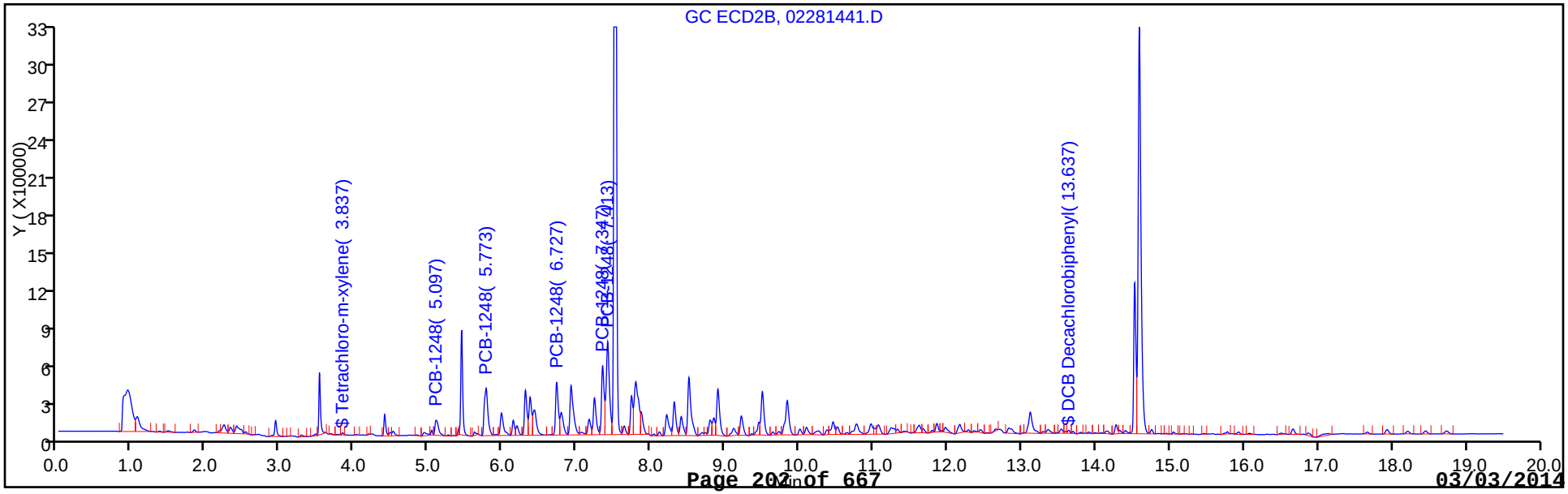
TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\02281441.D				
Injection Date:	01-Mar-2014 01:25:48	Instrument ID:	SGC_W	Operator ID:	JAX
Lims ID:	280-52430-A-7-A	Lab Sample ID:	280-52430-7	Worklist Smp#:	41
Client ID:	C-SOIL-LIGHT				
Injection Vol:	1.0 uL	Dil. Factor:	30.0000	ALS Bottle#:	41
Method:	8082_608_W	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Column: CLP2 Pesticides Column 2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



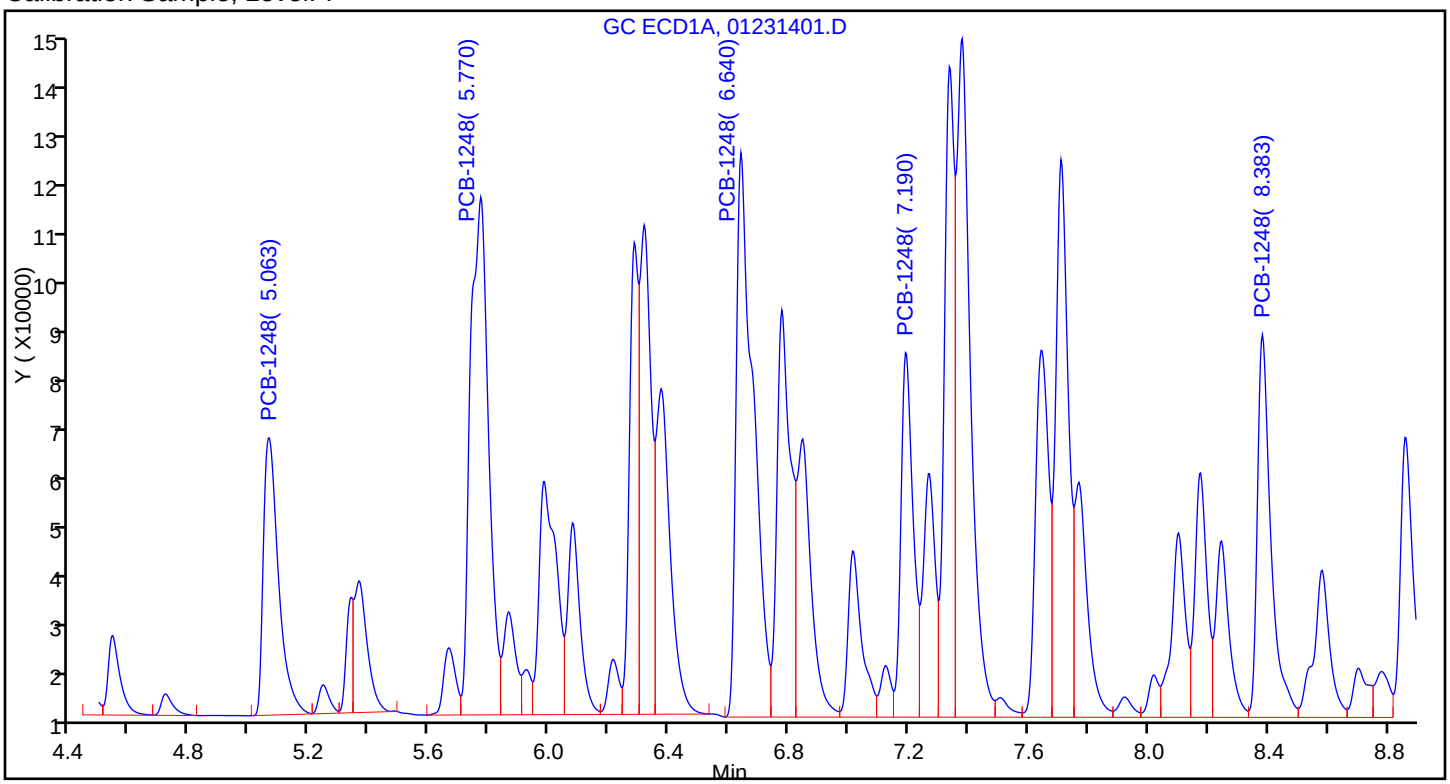
Report Date: 01-Mar-2014 12:43:25 Chrom Revision: 2.1 15-Jan-2014 14:06:26

TestAmerica Denver

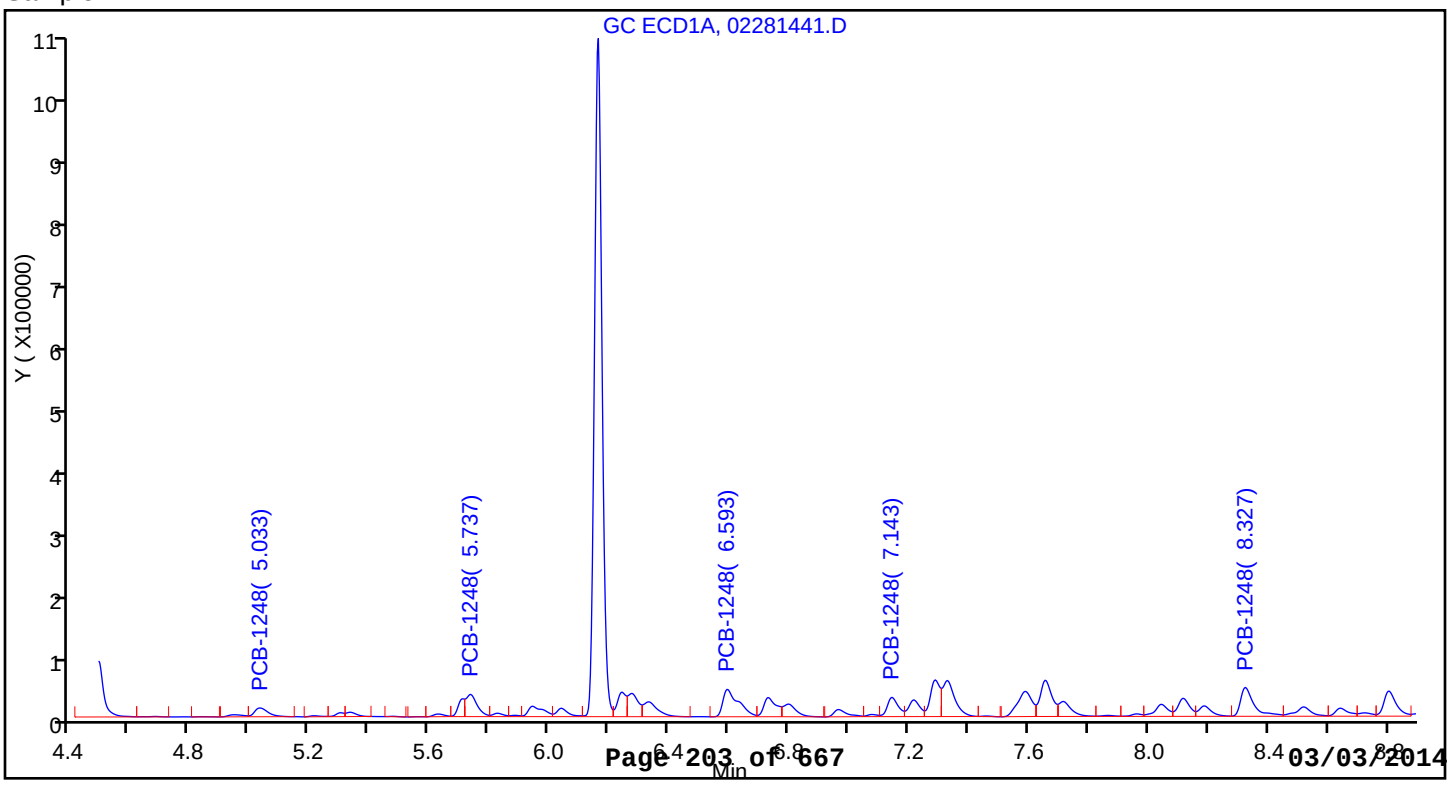
Data File:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\02281441.D				
Injection Date:	01-Mar-2014 01:25:48	Instrument ID:	SGC_W		
Lims ID:	280-52430-A-7-A	Lab Sample ID:	280-52430-7		
Client ID:	C-SOIL-LIGHT				
Operator ID:	JAX	ALS Bottle#:	41	Worklist Smp#:	41
Injection Vol:	1.0 uL	Dil. Factor:	30.0000		
Method:	8082_608_W	Limit Group:	GCSV - 8082		
Column:	CLP1 Pesticides Column 1 (0.32 mm)	Detector	GC ECD1A		

6 PCB-1248, CAS: 12672-29-6

Calibration Sample, Level: 7



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-52430-1

SDG No.:

Client Sample ID: C-SOIL-DARK | Lab Sample ID: 280-52430-8

Matrix: Solid | Lab File ID: 02281444.D

Analysis Method: 8082A | Date Collected: 02/24/2014 13:30

Extraction Method: 3546 | Date Extracted: 02/25/2014 09:30

Sample wt/vol: 32.0(g) | Date Analyzed: 03/01/2014 02:36

Con. Extract Vol.: 10000(uL) | Dilution Factor: 10000

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 2.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 214907 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11104-28-2	PCB-1221	ND		450000	150000
12674-11-2	PCB-1016	ND		320000	49000
11141-16-5	PCB-1232	ND		320000	49000
53469-21-9	PCB-1242	ND		320000	88000
12672-29-6	PCB-1248	ND		320000	54000
11097-69-1	PCB-1254	ND		320000	53000
11096-82-5	PCB-1260	ND		320000	25000
37324-23-5	PCB-1262	ND		320000	110000
11100-14-4	PCB-1268	ND		320000	38000
1336-36-3	Polychlorinated biphenyls, Total	ND		320000	25000

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	0	X D	53-128
2051-24-3	DCB Decachlorobiphenyl	0	X D	59-130

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\02281444.D				
Lims ID:	280-52430-A-8-A	Lab Sample ID:	280-52430-8		
Client ID:	C-SOIL-DARK				
Sample Type:	Client				
Inject. Date:	01-Mar-2014 02:36:04	ALS Bottle#:	44	Worklist Smp#:	44
Injection Vol:	1.0 uL	Dil. Factor:	10000.0000		
Sample Info:	280-52430-A-8-A				
Operator ID:	JAX	Instrument ID:	SGC_W		
Method:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\8082_608_W.m				
Limit Group:	GCSV - 8082				
Last Update:	01-Mar-2014 12:43:20	Calib Date:	24-Jan-2014 03:12:54		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\Denchrom\ChromData\SGC_W\20140123-19297.b\01231435.D				
Column 1 :	CLP1 Pesticides Column 1 (0.32 mm)		Det: GC ECD1A		
Column 2 :	CLP2 Pesticides Column 2 (0.32 mm)		Det: GC ECD2B		
Process Host:	XAWRK029				
First Level Reviewer: jacksonto		Date:	01-Mar-2014 12:41:27		

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
$ 1 Tetrachloro-m-xylene						
1		3.983				
2		3.833				
3 PCB-1232						
1		4.250				
1		4.517				
1		5.747				
1		5.957				
1		6.620				
2		4.257				
2		4.530				
2		5.790				
2		6.000				
2		6.947				
2 PCB-1221						
1		4.250				
1		4.460				
1		4.517				
2		4.257				
2		4.450				
2		4.530				

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
4 PCB-1242						
1		4.520				
1		5.043				
1		5.750				
1		5.960				
1		6.620				
2		4.530				
2		5.117				
2		5.790				
2		6.000				
2		6.750				
5 PCB-1016						
1		5.033				
1		5.740				
1		5.950				
1		6.047				
1		6.607				
2		4.517				
2		5.103				
2		5.773				
2		5.983				
2		6.307				
6 PCB-1248						
1		5.037				
1		5.743				
1		6.613				
1		7.167				
1		8.360				
2		5.110				
2		5.787				
2		6.750				
2		7.373				
2		7.443				
7 PCB-1254						
1		7.243				
1		8.150				
1		8.357				
1		9.163				
1		9.647				
2		7.440				
2		7.767				
2		8.347				
2		8.543				
2		9.250				

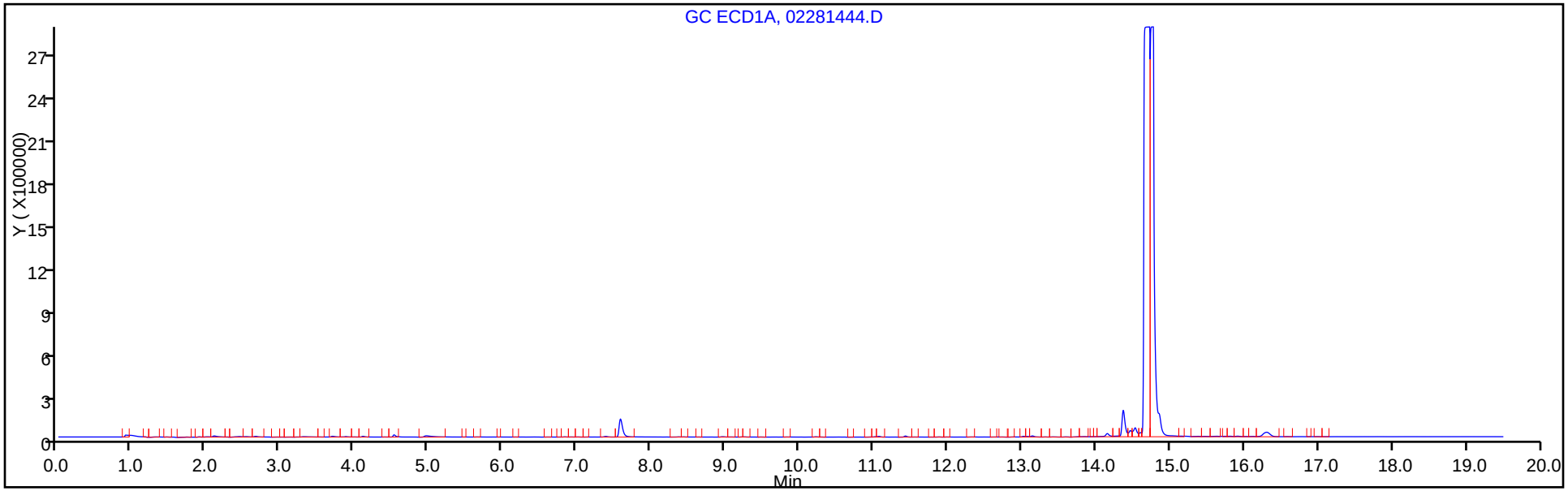
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ng/ml	Flags
9 PCB-1260						
1		8.667				
1		9.633				
1		10.273				
1		10.823				
1		11.327				
2		8.863				
2		9.230				
2		9.850				
2		10.977				
2		12.667				
8 PCB-1262						
1		8.680				
1		9.853				
1		10.283				
1		10.837				
1		11.407				
2		8.883				
2		9.250				
2		10.033				
2		10.553				
2		11.000				
12 PCB-1268						
1		11.407				
1		11.473				
1		11.820				
1		11.973				
1		12.977				
2		11.640				
2		11.717				
2		12.170				
2		12.347				
2		13.267				
$ 13 DCB Decachlorobiphenyl						
1		13.293				
2		13.643				
S 15 Polychlorinated biphenyls, Total						
1		17.000				
2		14.000				

Report Date: 01-Mar-2014 12:43:29 Chrom Revision: 2.1 15-Jan-2014 14:06:26

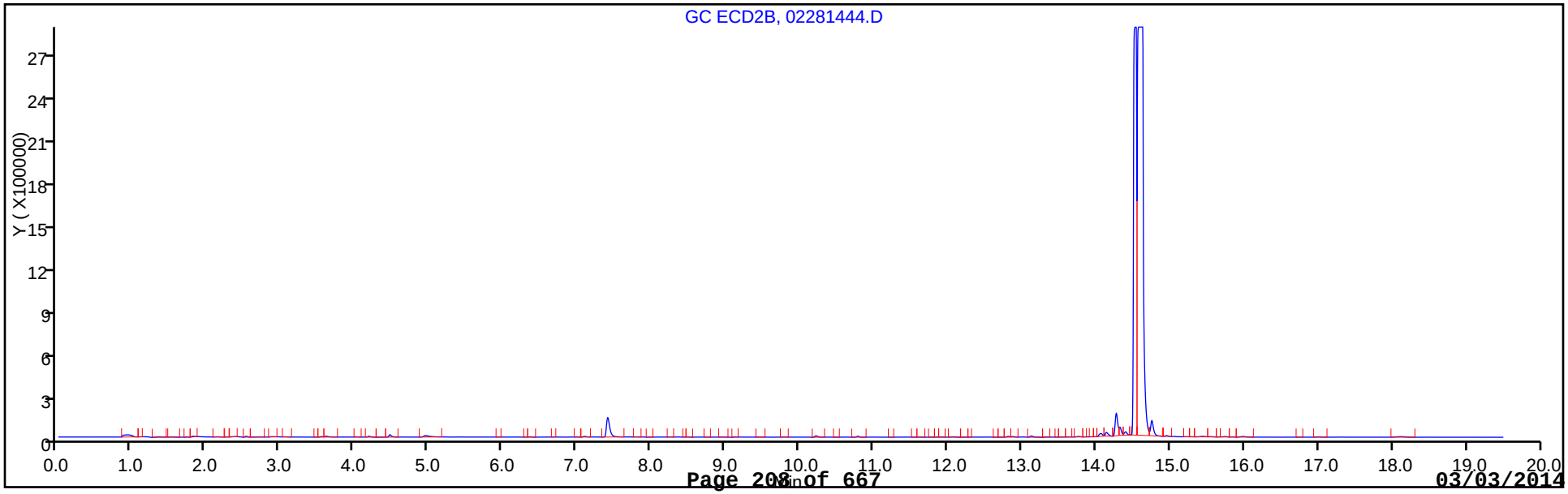
TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_W\20140228-20526.b\02281444.D				
Injection Date:	01-Mar-2014 02:36:04	Instrument ID:	SGC_W	Operator ID:	JAX
Lims ID:	280-52430-A-8-A	Lab Sample ID:	280-52430-8	Worklist Smp#:	44
Client ID:	C-SOIL-DARK				
Injection Vol:	1.0 uL	Dil. Factor:	10000.0000	ALS Bottle#:	44
Method:	8082_608_W	Limit Group:	GCSV - 8082		

Column: CLP1 Pesticides Column 1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Column: CLP2 Pesticides Column 2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-52430-1 Analy Batch No.: 199792

SDG No.:

Instrument ID: SGC_P3a GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2013 16:07 Calibration End Date: 11/07/2013 18:15 Calibration ID: 16157

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL11248 280-199792/9	1107A009.D
Level 2	STDL21248 280-199792/8	1107A008.D
Level 3	STDL31248 280-199792/7	1107A007.D
Level 4	STDL41248 280-199792/6	1107A006.D
Level 5	STDL51248 280-199792/5	1107A005.D
Level 6	STDL61248 280-199792/4	1107A004.D
Level 7	STDL71248 280-199792/3	1107A003.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1248 Peak 1	3.624	3.624	3.625	3.624	3.624	3.622	3.624				3.374 - 3.874	3.624
PCB-1248 Peak 2	4.094	4.094	4.092	4.094	4.094	4.092	4.097				3.844 - 4.344	4.094
PCB-1248 Peak 3	4.700	4.700	4.698	4.701	4.701	4.698	4.700				4.451 - 4.951	4.700
PCB-1248 Peak 4	5.090	5.090	5.092	5.091	5.091	5.092	5.094				4.841 - 5.341	5.091
PCB-1248 Peak 5	5.960	5.960	5.958	5.961	5.961	5.958	5.960				5.711 - 6.211	5.960

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Denver Job No.: 280-52430-1 Analy Batch No.: 199792

SDG No.:

Instrument ID: SGC_P3a GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2013 16:07 Calibration End Date: 11/07/2013 18:15 Calibration ID: 16157

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL11248 280-199792/9	1107A009.D
Level 2	STDL21248 280-199792/8	1107A008.D
Level 3	STDL31248 280-199792/7	1107A007.D
Level 4	STDL41248 280-199792/6	1107A006.D
Level 5	STDL51248 280-199792/5	1107A005.D
Level 6	STDL61248 280-199792/4	1107A004.D
Level 7	STDL71248 280-199792/3	1107A003.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1248 Peak 1	63665 48632	60834 49281	56615 46197	52640	Lin1	587313.370	47408.2506							0.9980		0.9900
PCB-1248 Peak 2	167330 134534	165547 138922	154173 132667	142126	Lin1	1225091.16	134190.417							0.9990		0.9900
PCB-1248 Peak 3	202426 145998	185229 150431	170214 143265	155463	Lin1	1801845.52	144554.468							0.9990		0.9900
PCB-1248 Peak 4	106493 73663	89534 76120	82197 73789	77939	Lin1	827919.521	73554.3732							1.0000		0.9900
PCB-1248 Peak 5	113056 80894	99861 85306	92601 82083	85698	Lin1	844418.281	81907.8408							0.9990		0.9900

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-52430-1 Analy Batch No.: 199792

SDG No.:

Instrument ID: SGC_P3a GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2013 16:07 Calibration End Date: 11/07/2013 18:15 Calibration ID: 16157

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL11248 280-199792/9	1107A009.D
Level 2	STDL21248 280-199792/8	1107A008.D
Level 3	STDL31248 280-199792/7	1107A007.D
Level 4	STDL41248 280-199792/6	1107A006.D
Level 5	STDL51248 280-199792/5	1107A005.D
Level 6	STDL61248 280-199792/4	1107A004.D
Level 7	STDL71248 280-199792/3	1107A003.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Lin1	1591628 36960526	3041710 46196905	5661495	13160046	24315954	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 2	Lin1	4183242 104191664	8277333 132667133	15417285	35531579	67266767	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 3	Lin1	5060647 112823557	9261462 143264541	17021438	38865720	72998755	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 4	Lin1	2662326 57089713	4476676 73788541	8219721	19484782	36831626	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 5	Lin1	2826407 63979704	4993061 82083432	9260118	21424620	40447060	25.0 750	50.0 1000	100	250	500

Curve Type Legend:

Lin1 = Linear 1/conc

TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A003.D		
Lims ID:	STDL71248	Client ID:	
Inject. Date:	07-Nov-2013 16:07:43	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	STDL71248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	199792	Lims Sample ID:	3
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:46	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

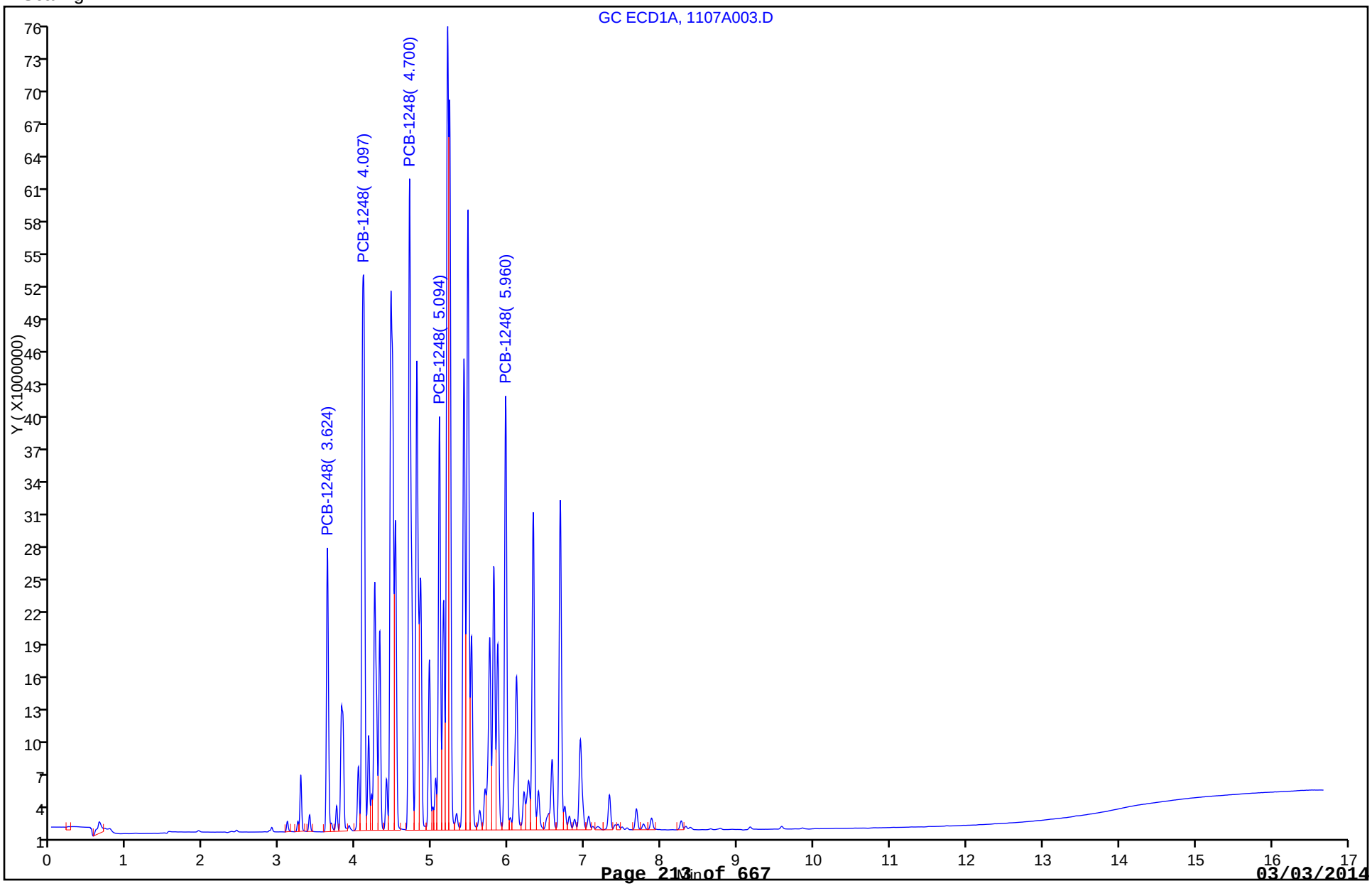
Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.624	3.624	0.000	46196905	962.1	60.0- 140.0	100.0	
2	4.097	4.094	0.003	132667133	979.5	236.6- 316.6	287.2	
3	4.700	4.701	-0.001	143264541	978.6	260.2- 340.2	310.1	
4	5.094	5.091	0.003	73788541	991.9	111.5- 191.5	159.7	
5	5.960	5.961	-0.001	82083432	991.8	126.3- 206.3	177.7	
		Average of Peak Amounts =			980.8			
S 15 Polychlorinated biphenyls, Total								
1					980.8			

Report Date: 08-Nov-2013 08:25:46 Chrom Revision: 2.0 14-Jul-2013 20:56:00

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A003.D		
Injection Date:	07-Nov-2013 16:07:43	Limit Group:	GCSV - 8082
Client ID:		Instrument ID:	SGC_P3a
Lims Batch ID:	199792	Lims Sample ID:	3
Operator ID:	JAX	Injection Vol:	1.0 ul
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm

Y Scaling:



TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A004.D		
Lims ID:	STDL61248	Client ID:	
Inject. Date:	07-Nov-2013 16:29:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	STDL61248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	199792	Lims Sample ID:	4
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:46	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

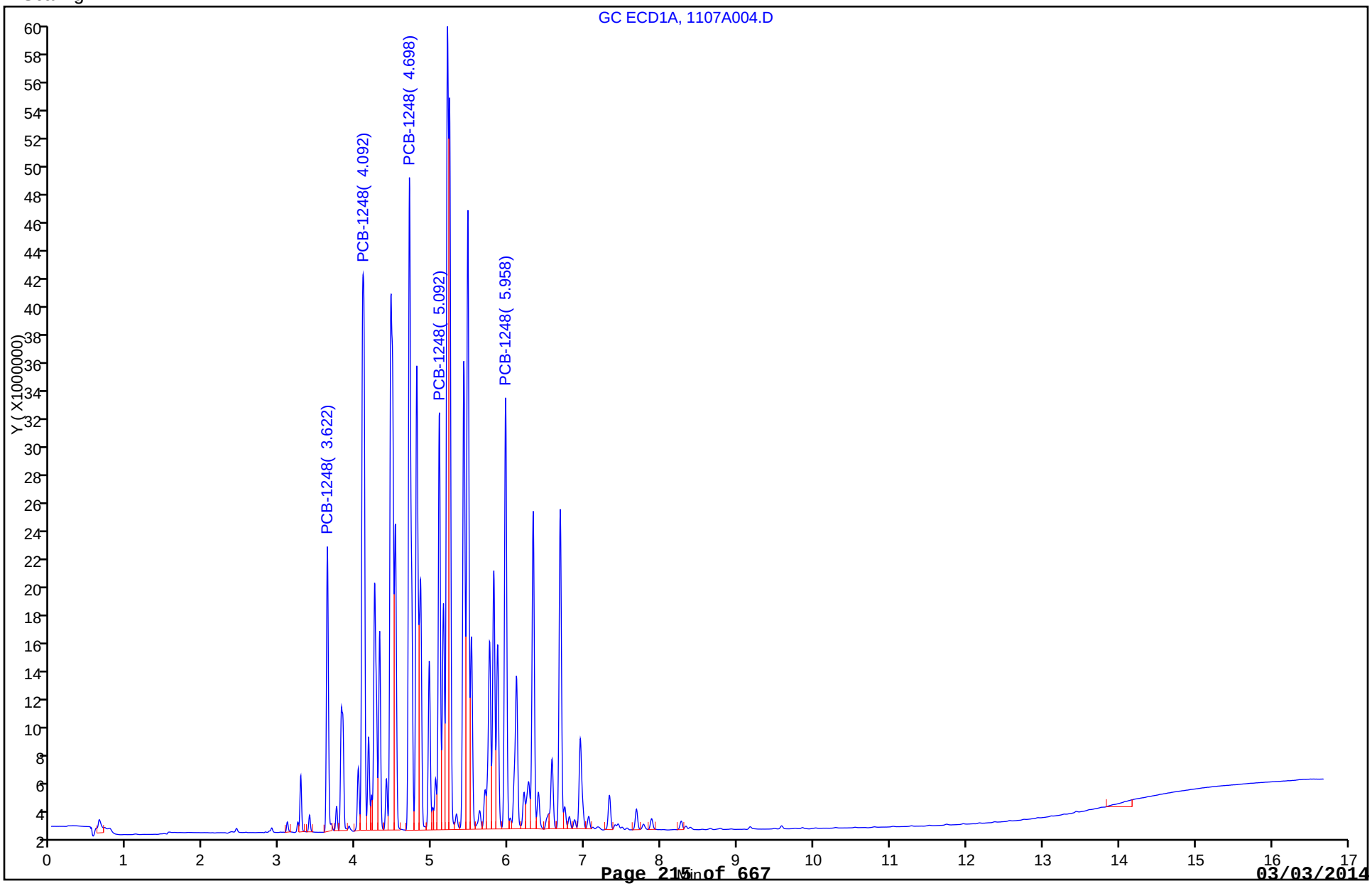
Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.622	3.624	-0.002	36960526	767.2	60.0- 140.0	100.0	
2	4.092	4.094	-0.002	104191664	767.3	236.6- 316.6	281.9	
3	4.698	4.701	-0.003	112823557	768.0	260.2- 340.2	305.3	
4	5.092	5.091	0.001	57089713	764.9	111.5- 191.5	154.5	
5	5.958	5.961	-0.003	63979704	770.8	126.3- 206.3	173.1	
		Average of Peak Amounts =			767.7			
S 15 Polychlorinated biphenyls, Total								
1					767.7			

Report Date: 08-Nov-2013 08:25:46 Chrom Revision: 2.0 14-Jul-2013 20:56:00

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A004.D		
Injection Date:	07-Nov-2013 16:29:00	Limit Group:	GCSV - 8082
Client ID:		Instrument ID:	SGC_P3a
Lims Batch ID:	199792	Lims Sample ID:	4
Operator ID:	JAX	Injection Vol:	1.0 ul
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm

Y Scaling:



TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A005.D		
Lims ID:	STDL51248	Client ID:	
Inject. Date:	07-Nov-2013 16:50:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	STDL51248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	199792	Lims Sample ID:	5
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:47	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

First Level Reviewer: jacksonto Date: 08-Nov-2013 08:05:26

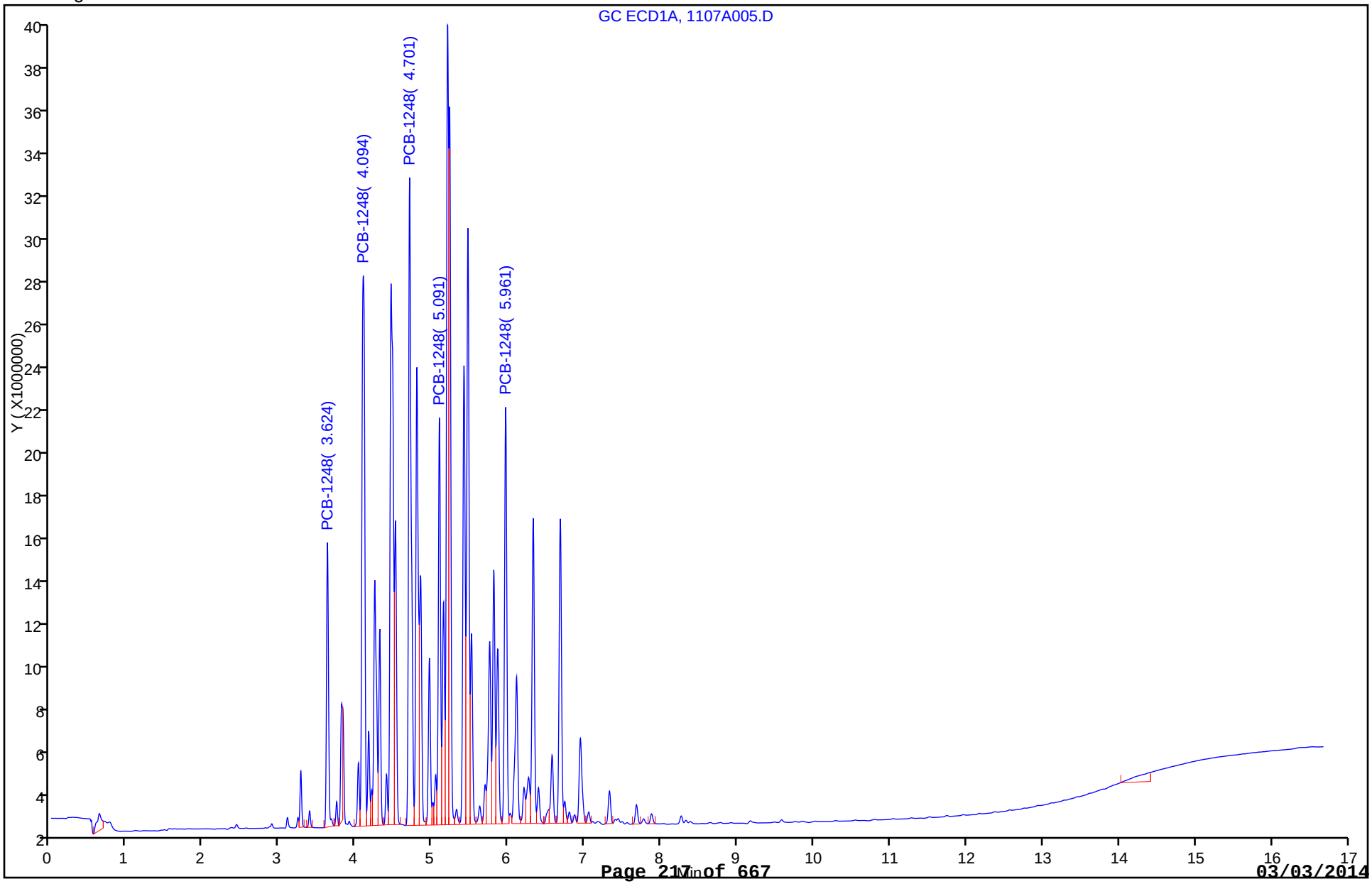
Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.624	3.624	0.000	24315954	500.5	60.0- 140.0	100.0	
2	4.094	4.094	0.000	67266767	492.1	236.6- 316.6	276.6	
3	4.701	4.701	0.000	72998755	492.5	260.2- 340.2	300.2	
4	5.091	5.091	0.000	36831626	489.5	111.5- 191.5	151.5	
5	5.961	5.961	0.000	40447060	483.5	126.3- 206.3	166.3	
		Average of Peak Amounts =			491.6			
S 15 Polychlorinated biphenyls, Total								
1					491.6			

Report Date: 08-Nov-2013 08:25:47 Chrom Revision: 2.0 14-Jul-2013 20:56:00

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A005.D		
Injection Date:	07-Nov-2013 16:50:32	Limit Group:	GCSV - 8082
Client ID:		Instrument ID:	SGC_P3a
Lims Batch ID:	199792	Lims Sample ID:	5
Operator ID:	JAX	Injection Vol:	1.0 ul
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm

Y Scaling:



TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A006.D		
Lims ID:	STDL41248	Client ID:	
Inject. Date:	07-Nov-2013 17:11:49	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	STDL41248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	199792	Lims Sample ID:	6
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:47	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

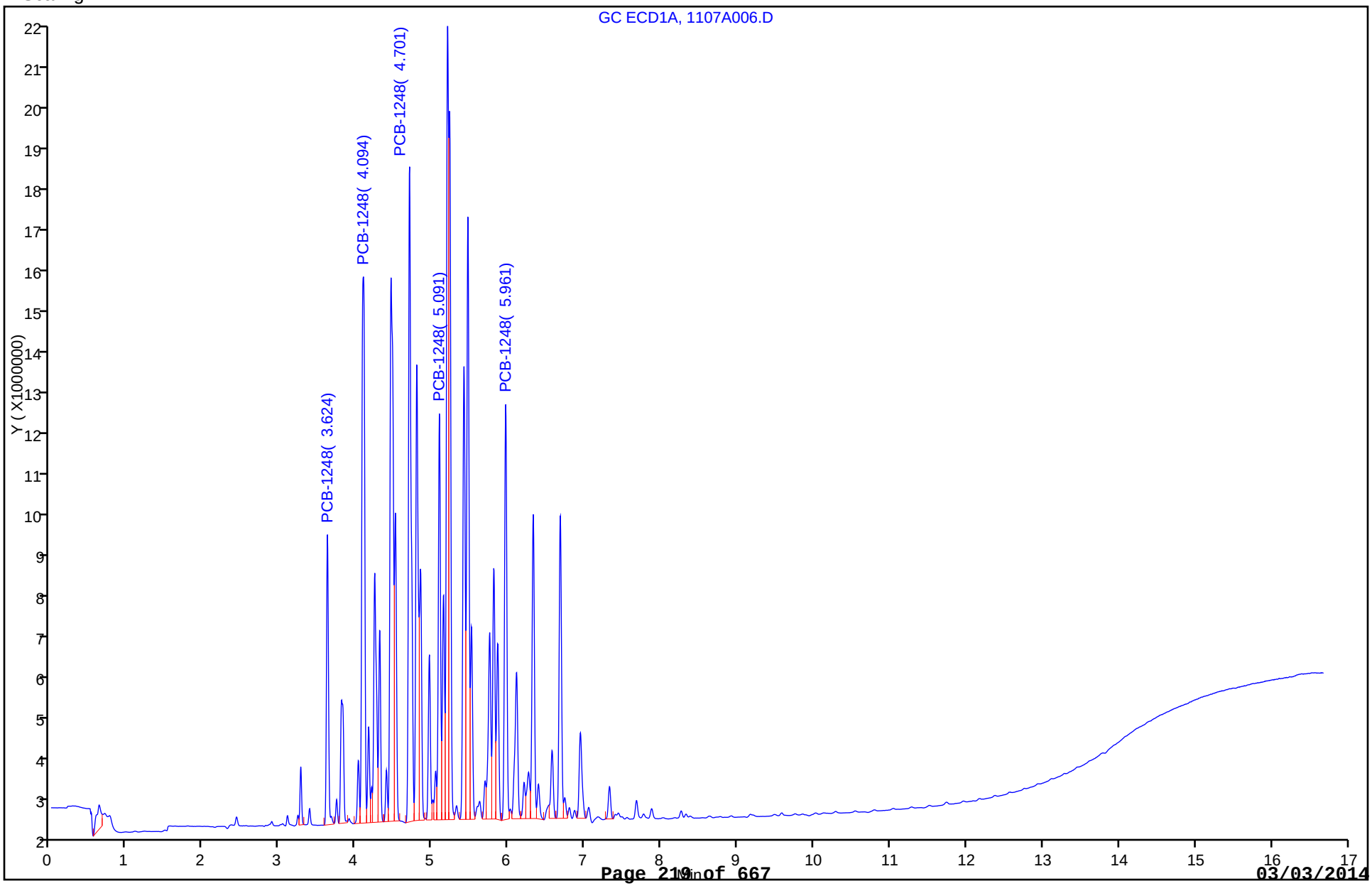
Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.624	3.624	0.000	13160046	265.2	60.0- 140.0	100.0	
2	4.094	4.094	0.000	35531579	255.7	236.6- 316.6	270.0	
3	4.701	4.701	0.000	38865720	256.4	260.2- 340.2	295.3	
4	5.091	5.091	0.000	19484782	253.6	111.5- 191.5	148.1	
5	5.961	5.961	0.000	21424620	251.3	126.3- 206.3	162.8	
		Average of Peak Amounts =			256.4			
S 15 Polychlorinated biphenyls, Total								
1					256.4			

Report Date: 08-Nov-2013 08:25:47 Chrom Revision: 2.0 14-Jul-2013 20:56:00

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A006.D		
Injection Date:	07-Nov-2013 17:11:49	Limit Group:	GCSV - 8082
Client ID:		Instrument ID:	SGC_P3a
Lims Batch ID:	199792	Lims Sample ID:	6
Operator ID:	JAX	Injection Vol:	1.0 ul
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm

Y Scaling:



TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A007.D		
Lims ID:	STDL31248	Client ID:	
Inject. Date:	07-Nov-2013 17:33:06	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	STDL31248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	199792	Lims Sample ID:	7
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:48	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

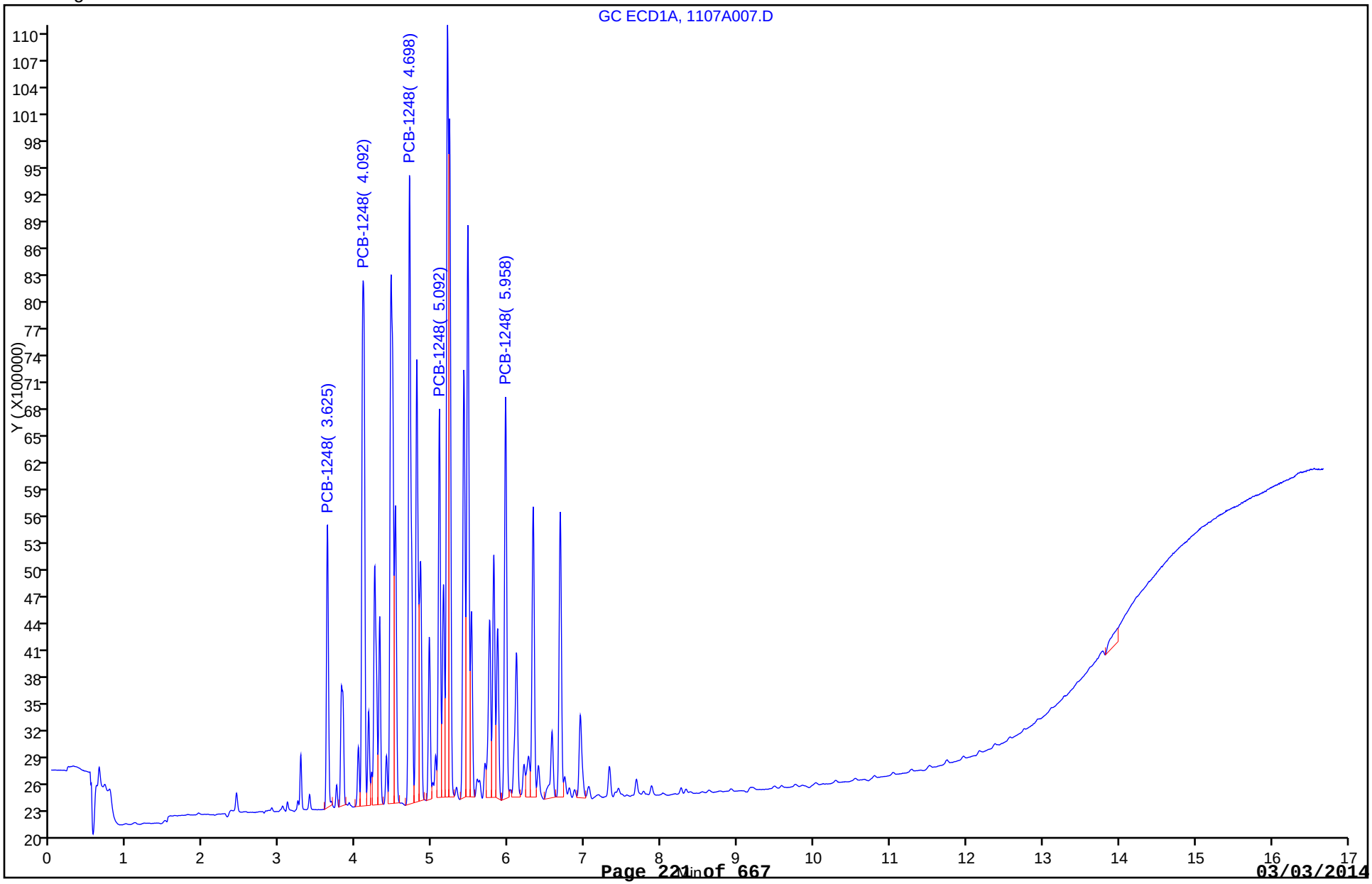
Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.625	3.624	0.001	5661495	107.0	60.0- 140.0	100.0	
2	4.092	4.094	-0.002	15417285	105.8	236.6- 316.6	272.3	
3	4.698	4.701	-0.003	17021438	105.3	260.2- 340.2	300.7	
4	5.092	5.091	0.001	8219721	100.5	111.5- 191.5	145.2	
5	5.958	5.961	-0.003	9260118	102.7	126.3- 206.3	163.6	
		Average of Peak Amounts =			104.3			
S 15 Polychlorinated biphenyls, Total								
1					104.3			

Report Date: 08-Nov-2013 08:25:48 Chrom Revision: 2.0 14-Jul-2013 20:56:00

TestAmerica Denver

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A007.D		
Injection Date:	07-Nov-2013 17:33:06	Limit Group:	GCSV - 8082
Client ID:		Instrument ID:	SGC_P3a
Lims Batch ID:	199792	Lims Sample ID:	7
Operator ID:	JAX	Injection Vol:	1.0 ul
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm

Y Scaling:



TestAmerica Denver
Target Compound Quantitation Report

Data File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A008.D		
Lims ID:	STDL21248	Client ID:	
Inject. Date:	07-Nov-2013 17:54:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	STDL21248		
Misc. Info.:			
Operator:	JAX	Instrument ID:	SGC_P3a
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	199792	Lims Sample ID:	8
Sublist:	chrom-PCB_P3a*sub4		
Detector:	GC ECD1A		
Method:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\PCB_P3a.m		
Last Update:	08-Nov-2013 08:25:48	Calib Date:	08-Nov-2013 04:12:16
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Denchrom\ChromData\SGC_P3a\20131107-17187.b\1107A037.D		
Limit Group:	GCSV - 8082		
Integrator:	Falcon		
Column Type:	CLP1 Pesticides Column 1	Column Dia:	0.32 mm
Process Host:	XAWRK004		

Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Ratio Range	Ratio	Flags
4 PCB-1248								
1	3.624	3.624	0.000	3041710	51.8	60.0- 140.0	100.0	
2	4.094	4.094	0.000	8277333	52.6	236.6- 316.6	272.1	
3	4.700	4.701	-0.001	9261462	51.6	260.2- 340.2	304.5	
4	5.090	5.091	-0.001	4476676	49.6	111.5- 191.5	147.2	
5	5.960	5.961	-0.001	4993061	50.7	126.3- 206.3	164.2	
		Average of Peak Amounts =			51.2			
S 15 Polychlorinated biphenyls, Total								
1					51.2			