July 15, 2014

Mr. Robert Filkins
New York State Department of Environmental Conservation
Department of Environmental Remediation, 12th Floor
625 Broadway
Albany, NY 12233-7016

Re: Goethals Bridge Replacement Project
Supplemental Remedial Investigation
Block 1885 Lot 50
The Port Authority of NY & NJ

Dear Mr. Filkins,

The Port Authority of New York & New Jersey (Port Authority) hereby submits this Supplemental Remedial Investigation letter report for the Port Authority owned property known as Block 1885 Lot 50, (Site).

At the request of the New York State Department of Environmental Conservation, (NYSDEC), a Supplemental Remedial Investigation was performed in order to vertically delineate the presence of PCBs at the boring NY-P01-SB2-5A location (see Figure 1). During the Phase II Investigation finalized by ARCADIS in October 2012, in support of the Goethals Bridge Replacement Project, PCBs were documented to be present on Site above NYSDEC Soil Cleanup Objectives (SCOs).

Results of the Supplemental Remedial Investigation are presented below.

Field Investigation – August 2013

Boring NY-P01-SB2-5A, where PCBs were previously identified, was located in the field using handheld GPS and marked. Vertical delineation boring NY-P01-SB-2-5B (Northing: 655358.63 Easting: 578104.05) was then located approximately 3.5 feet to the north-northwest of the original boring. Soil borings were located in accordance with the Supplemental Remedial Investigation Work Plan. See Figure 1 for soil boring locations.

Boring NY-P01-SB2-5B was drilled using a GeoProbe rig with a four-foot long sampler instead of using a conventional drill rig with split spoon samplers as originally proposed due to soft ground surface conditions. This soil boring was sampled continuously to a depth of 15 feet below grade. Due to low sample recoveries, another soil boring, (NY-P01-SB-2-5C) was advanced to collect sufficient sample volume. NY-P01-SB-2-5C (Northing: 655360.95 Easting: 578102.14) was drilled and sampled approximately 3 feet further north-northwest of Boring NY-P01-SB2-5B.

This soil boring was drilled to a depth of 20 feet below grade. Soil boring logs are presented in Appendix A.

Soil samples were collected continuously from 4 feet to 15 feet below grade at boring NY-P01-SB2-5B, and 8.5 feet to 20 feet below grade at boring NY-P01-SB2-5C. Soil samples were collected using Direct Push Macro Core sample tubes and eight discrete 6-inch interval samples were selected for laboratory analysis for PCBs per EPA method 8082.

Investigation Results

Based on the sample descriptions, the soils at the boring locations generally consisted of the following:

- 0 feet to 5 feet below grade - Fill: Black to Grey sand, gravel and silt, with various amounts of brick, wood and glass. Groundwater was observed at approximately two feet below grade.

- 5 feet to 14.5 feet below grade - Meadow Mat: Brown Peat.

- 14.5 feet to 20+ feet below grade - Glacial Till: Red-Brown Silty Clay

At the completion of sampling, the borehole was allowed to collapse due to the shallow water table. The Upper two feet of the borehole was backfilled with surrounding soils and tamped. No soil cuttings were generated during drilling.

Laboratory analysis results are presented in Table 1 below. Results indicate that PCBs were found above its New York State Department of Environmental Conservation (NYSDEC) Industrial Soil Cleanup Objective of 1 ppm at one sample depth; 4 to 4.5 feet. At the remaining sample intervals, PCBs were below the criteria or not detected. Laboratory results are attached as Appendix B.

Table 1: Vertical Delineation Laboratory Results

Sample ID	arcolor-1260	PCBs (total)	RL
NY-P01-SB-2-5B-4-4.5	3.8	3.8	0.27
NY-P01-SB-2-5B-8-8.5	0.99	0.99	0.11
NY-P01-SB-2-5C-8.5-9	0.13	0.13	0.13
NY-P01-SB-2-5B-10.5-11	ND	ND	0.13
NY-P01-SB-2-5C-12-12.5	ND	ND	0.13
NY-P01-SB-2-5C-13.5-14	ND	ND	0.15
NY-P01-SB-2-5B-14.5-15	ND	ND	0.03
NY-P01-SB-2-5C-19.5-20	ND	ND	0.03

RL = Reporting Limit

Conclusion and Recommendation

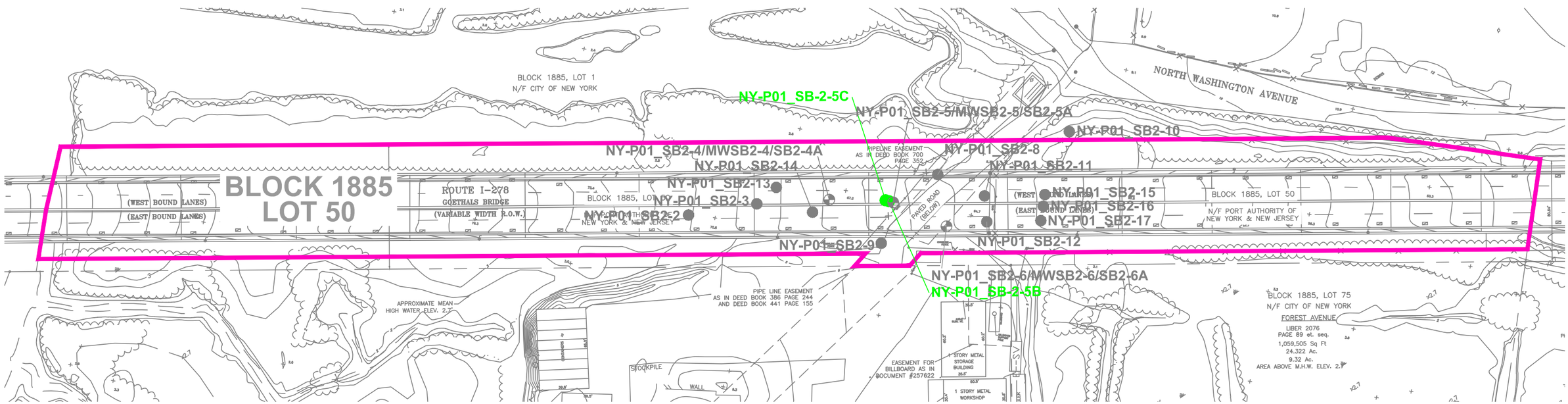
Results of the Supplemental Remedial Investigation indicate the presence of PCBs above NYSDEC Industrial Soil Cleanup Objective of 1 mg/kg. The contaminated soil is limited to a depth of nine (9) feet below grade. The nine (9) feet below grade includes the Black to Dark Grey Sand Fill unit (0-4.5 feet below grade) and the upper four feet of the Brown Peat Unit. Laboratory results from samples collected below nine (9) feet, to a depth of 20 feet below grade, indicate PCBs are not present.

Sample results are consistent with the proposed Soil Excavation Work Plan for this area to excavate PCB contaminated soils to a depth of 10 feet below grade. As no PCBs were detected below the proposed excavation depth, the proposed Excavation Work Plan will not be modified.

If you have any questions, please contact Andrew Blauvelt (973-565-7553, ablauvelt@panynj.gov) or Bruce Walch, (973-565-7579, bwalch@panynj.gov) of my staff.

Sincerely,

Robert P. Pruno, P.E.
Chief, Environmental Engineer
(973) 565-7620, rpruno@panynj.gov



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- SOIL BORING LOCATION (PHASE II)
- MONITORING WELL LOCATION (PHASE II)
- VERTICAL DELINEATION SOIL BORING LOCATION

SOURCE:

THE PORT AUTHORITY OF NEW YORK & NEW JERSEY
DRAWING FILE NAME: C03896002-BSE01-MASER GRID COORD.dwg

0 80' 160'

SCALE IN FEET

THE PORT AUTHORITY OF NY & NJ			GOETHALS BRIDGE	Discipline: ENVIRONMENTAL	1 of 1
A.BLAUVELT (Designed by)	J.JAKOB (Drawn by)	B.WALCH (Checked by)	GOETHALS BRIDGE BLOCK 1885, LOT 50 STATEN ISLAND, NEW YORK	VERTICAL DELINEATION BORING LOCATION	07-15-2014 (Date) FAC- (Contract Number)	Workorder Number: - Drawing Number: 1

APPENDIX A

SOIL BORING LOGS

THE PORT AUTHORITY OF NY & NJ

Engineering Department
Materials Engineering

Boring Report

Project	Goethals Bridge Vertical Delineation	**Contractor**	Craig	**Boring No.**	NY-P01-SB-2-5B
Date	8/23/13				
Location	3.5' NNW of Original Location (SB-2-5A)	**Contract No.**	426-13-048	**Surface Elev.**	
Spoon		**Hammer/ Fall (in.)**		**Ground Water Level**	
Hammer Type	Geoprobe		Date	Time	Depth (ft) / Remarks
Inspector	S. Baijnath				
Driller	D. Cooke				
site_code					

Sample No.	Start Depth (ft)	End Depth (ft)	Method	Spoon Blows/6"	Re-cov'd	PID Reading	Sample Description and Remarks
	0.0	3.0	HA	Hand Auger	Full		Fill: black to dark grey c-f Sand, some Gravel, Silt, little Brick
	3.0	4.5	HA	Hand Auger	Full		Misc. Fill: brown to black c-f Sand, little Silt, Gravel, Wood, trace Glass. Borehole kept on collapsing due to groundwater level at 2.0' from ground surface.
	4.5	5.0	GP	Geoprobe	0.5'		SAME
	5.0	10.0	GP	Geoprobe	2.5'		Brown Peat
	10.0	14.5	GP	Geoprobe	3.0'		Brown Peat
	14.5	15.0	GP	Geoprobe	0.5'		Red brown Silty Clay
	15.0						Bottom of Boring
							S-1 (4.0'-4.5') @ 9:40 A / Duplicate Sample; 0 ppm
							S-2 (8.0'-8.5') @ 9:45 A; 0.2 ppm
							S-3 (10.5'-11.0') @ 9:50 A; 20.2 ppm
							S-4 (14.5'-15.0') @ 9:51 A; 0 ppm

THE PORT AUTHORITY OF NY & NJ

Engineering Department
Materials Engineering

Boring Report

Project	Goethals Bridge Vertical Delineation		**Contractor**	Craig	**Boring No.**	NY-P01-SB-2-5C	**Date** 8/23/13
Location	3.0' NNW of Original Location (SB-2-5B)		**Contract No.**	426-13-048	**Surface Elev.**		
Spoon		**Hammer/ Fall (in.)**	**Ground Water Level**				
Hammer Type	Geoprobe		Date	Time	Depth (ft)	Remarks	
Inspector	S. Baijnath						
Driller	D. Cooke						
site_code							

Sample No.	Start Depth (ft)	End Depth (ft)	Method	Spoon Blows/6"	Re-cov'd	PID Reading	Sample Description and Remarks
	0.0	3.0	HA	Hand Auger	Full		Fill: black to dark grey c-f Sand, some Gravel, Silt, little Brick
	3.0	5.0	HA	Hand Auger	Full		Misc. Fill: brown to black c-f Sand, little Silt, Gravel, Wood, trace Glass.
	5.0	10.0	GP	Geoprobe	2.9'		Brown Peat
	10.0	14.5	GP	Geoprobe	3.1'		Brown Peat
	14.5	20.0	GP	Geoprobe	2.8'		Red brown Silty Clay, trace Gravel
	20.0						Bottom of Boring
							S-1 (8.5'-9.0') @ 10:35 A; 0ppm
							S-2 (12.0'-12.5') @ 10:40 A; 0ppm
							S-3 (13.5'-14.0') @ 10:41 A; 0ppm
							S-4 (19.5'-20.0') @ 10:45 A; 0ppm
							Field Blank: 11:15 AM

APPENDIX B

LABORATORY DATA

HC·V
HAMPTONCLARKE·VERITECH

175 ROUTE 46 WEST, UNIT D · FAIRFIELD, NJ 07004
2 MADISON ROAD, FAIRFIELD, NJ 07004
800-426-9992 · 973-244-9770
FAX: 973-244-9787

WWW.HCVLAB.COM

Project: GB-NY-P01

Client PO: CB07-272.117

Report To: PORT AUTHORITY OF NY & NJ
MATERIALS ENGINEERING DIV.
241 ERIE ST.
ROOM 234
JERSEY CITY, NJ 07310-1397

Attn: D.Bailey/A.Zafirelis

Received Date: 8/26/2013

Report Date: 9/3/2013

Deliverables: NYDOH-R

Lab ID: AC74208

Lab Project No: 3082608

Robin Cousineau - Quality Assurance Director OR **Stanley Gilewicz - Laboratory Director**

NJ (07071) NY (ELAP11408) CT (PH-0671)
PA (68-00463) KY (90124)

NELAP ACCREDITED TNI LABORATORY

Table of Contents

Sample Summary

Client: PORT AUTHORITY OF NY & NJ

HCV Project #: 3082608

Project: GB-NY-P01

Lab#	SampleID	Matrix	Collection Date	Receipt Date
AC74208-001	201308231115-FB-1	Aqueous	8/23/2013	8/26/2013
AC74208-002	NY-P01-SB-2-5B-SO-10.5-201308230950	Soil	8/23/2013	8/26/2013
AC74208-003	NY-P01-SB-2-5B-SO-14.5-201308230951	Soil	8/23/2013	8/26/2013
AC74208-004	NY-P01-SB-2-5B-SO-4.0-201308230940	Soil	8/23/2013	8/26/2013
AC74208-005	NY-P01-SB-2-5B-SO-8.0-201308230945	Soil	8/23/2013	8/26/2013
AC74208-006	NY-P01-SB-2-5C-SO-12.0-201308231040	Soil	8/23/2013	8/26/2013
AC74208-007	NY-P01-SB-2-5C-SO-13.5-201308231041	Soil	8/23/2013	8/26/2013
AC74208-008	NY-P01-SB-2-5C-SO-19.5-201308231045	Soil	8/23/2013	8/26/2013
AC74208-009	NY-P01-SB-2-5C-SO-8.5-201308231035	Soil	8/23/2013	8/26/2013
AC74208-010	SO-201308230941-FD-1	Soil	8/23/2013	8/26/2013

HCV Case Narrative

Client: Port Authority of NY & NJ **HCV Project:** 3082608
Project: GB-NY-P01

This case narrative is in the form of an exception report. Method specific and/or QA/QC anomalies related to this report only are detailed below.

PCB Analysis:

Samples AC74208-004, 010 and AC74238-001 had one or more surrogates outside QC limits due to co-eluting interference.

The Matrix Spike and RPD for batch 26011 had recoveries outside QC limits. However, since the associated Method Blank and Laboratory Control Sample were within control, no corrective action was necessary.

Robin Cousineau
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

9/3/2013
Date

9/3/2013

HCV Executive Summary

Client: PORT AUTHORITY OF NY & NJ **HCV Project #:** 3082608

Project: GB-NY-P01

Lab#: AC74208-004 **Sample ID: NY-P01-SB-2-5B-SO-4.0-201308**

Analyte	Units	RL	Result	Analytical Method
Aroclor (Total)	mg/kg	0.27	3.8	EPA 8082
Aroclor-1260	mg/kg	0.27	3.8	EPA 8082

Lab#: AC74208-005 **Sample ID: NY-P01-SB-2-5B-SO-8.0-201308**

Analyte	Units	RL	Result	Analytical Method
Aroclor (Total)	mg/kg	0.11	0.99	EPA 8082
Aroclor-1260	mg/kg	0.11	0.99	EPA 8082

Lab#: AC74208-009 **Sample ID: NY-P01-SB-2-5C-SO-8.5-201308**

Analyte	Units	RL	Result	Analytical Method
Aroclor (Total)	mg/kg	0.13	0.15	EPA 8082
Aroclor-1260	mg/kg	0.13	0.15	EPA 8082

Lab#: AC74208-010 **Sample ID: SO-201308230941-FD-1**

Analyte	Units	RL	Result	Analytical Method
Aroclor (Total)	mg/kg	0.28	4.5	EPA 8082
Aroclor-1260	mg/kg	0.28	4.5	EPA 8082

HCV Report Of Analysis

Client: PORT AUTHORITY OF NY & NJ
HCV Project #: 3082608
Project: GB-NY-P01

Sample ID: 201308231115-FB-1
Lab#: AC74208-001
Matrix: Aqueous
Collection Date: 8/23/2013
Receipt Date: 8/26/2013

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND

Sample ID: NY-P01-SB-2-5B-SO-10.5-201308230950
Lab#: AC74208-002
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		19

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.13	ND
Aroclor-1016	1	mg/kg	0.13	ND
Aroclor-1221	1	mg/kg	0.13	ND
Aroclor-1232	1	mg/kg	0.13	ND
Aroclor-1242	1	mg/kg	0.13	ND
Aroclor-1248	1	mg/kg	0.13	ND
Aroclor-1254	1	mg/kg	0.13	ND
Aroclor-1260	1	mg/kg	0.13	ND

Sample ID: NY-P01-SB-2-5B-SO-14.5-201308230951
Lab#: AC74208-003
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND

Sample ID: NY-P01-SB-2-5B-SO-4.0-201308230940 **Collection Date:** 8/23/2013
Lab#: AC74208-004 **Receipt Date:** 8/26/2013
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**10**	**mg/kg**	**0.27**	**3.8**
Aroclor-1016	10	mg/kg	0.27	ND
Aroclor-1221	10	mg/kg	0.27	ND
Aroclor-1232	10	mg/kg	0.27	ND
Aroclor-1242	10	mg/kg	0.27	ND
Aroclor-1248	10	mg/kg	0.27	ND
Aroclor-1254	10	mg/kg	0.27	ND
Aroclor-1260	**10**	**mg/kg**	**0.27**	**3.8**

Sample ID: NY-P01-SB-2-5B-SO-8.0-201308230945
Lab#: AC74208-005
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		22

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**1**	**mg/kg**	**0.11**	**0.99**
Aroclor-1016	1	mg/kg	0.11	ND
Aroclor-1221	1	mg/kg	0.11	ND
Aroclor-1232	1	mg/kg	0.11	ND
Aroclor-1242	1	mg/kg	0.11	ND
Aroclor-1248	1	mg/kg	0.11	ND
Aroclor-1254	1	mg/kg	0.11	ND
Aroclor-1260	**1**	**mg/kg**	**0.11**	**0.99**

Sample ID: NY-P01-SB-2-5C-SO-12.0-201308231040
Lab#: AC74208-006
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		20

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.13	ND
Aroclor-1016	1	mg/kg	0.13	ND
Aroclor-1221	1	mg/kg	0.13	ND
Aroclor-1232	1	mg/kg	0.13	ND
Aroclor-1242	1	mg/kg	0.13	ND
Aroclor-1248	1	mg/kg	0.13	ND
Aroclor-1254	1	mg/kg	0.13	ND
Aroclor-1260	1	mg/kg	0.13	ND

Sample ID: NY-P01-SB-2-5C-SO-13.5-201308231041
Lab#: AC74208-007
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		17

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.15	ND
Aroclor-1016	1	mg/kg	0.15	ND
Aroclor-1221	1	mg/kg	0.15	ND
Aroclor-1232	1	mg/kg	0.15	ND
Aroclor-1242	1	mg/kg	0.15	ND
Aroclor-1248	1	mg/kg	0.15	ND
Aroclor-1254	1	mg/kg	0.15	ND
Aroclor-1260	1	mg/kg	0.15	ND

Sample ID: NY-P01-SB-2-5C-SO-19.5-201308231045
Lab#: AC74208-008
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND

Sample ID: NY-P01-SB-2-5C-SO-8.5-201308231035
Lab#: AC74208-009
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		20

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**1**	**mg/kg**	**0.13**	**0.15**
Aroclor-1016	1	mg/kg	0.13	ND
Aroclor-1221	1	mg/kg	0.13	ND
Aroclor-1232	1	mg/kg	0.13	ND
Aroclor-1242	1	mg/kg	0.13	ND
Aroclor-1248	1	mg/kg	0.13	ND
Aroclor-1254	1	mg/kg	0.13	ND
Aroclor-1260	**1**	**mg/kg**	**0.13**	**0.15**

Sample ID: SO-201308230941-FD-1
Lab#: AC74208-010
Matrix: Soil

Collection Date: 8/23/2013
Receipt Date: 8/26/2013

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	**10**	**mg/kg**	**0.28**	**4.5**
Aroclor-1016	10	mg/kg	0.28	ND
Aroclor-1221	10	mg/kg	0.28	ND
Aroclor-1232	10	mg/kg	0.28	ND
Aroclor-1242	10	mg/kg	0.28	ND
Aroclor-1248	10	mg/kg	0.28	ND
Aroclor-1254	10	mg/kg	0.28	ND
Aroclor-1260	**10**	**mg/kg**	**0.28**	**4.5**

HCV Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL* = Reporting Limit

ND = Not Detected

RT = Retention Time

NA = Not Applicable

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

B- Indicates analyte was present in the Method Blank and sample.

d- For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.

E- Indicates the concentration exceeded the upper calibration range of the instrument.

J- Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

Laboratory Chronicle

Client: PORT AUTHORITY OF NY & NJ **HCV Project #:** 3082608

Project: GB-NY-P01

Lab#: AC74208-001 **Sample ID: 201308231115-FB-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
PCB 8082	3510C/3550B	08/28/13	lynda	EPA 8082	8/28/13 21:03	MS

Lab#: AC74208-002 **Sample ID: NY-P01-SB-2-5B-SO-10.5-201308230950**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 10:06	MS

Lab#: AC74208-003 **Sample ID: NY-P01-SB-2-5B-SO-14.5-201308230951**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 10:21	MS

Lab#: AC74208-004 **Sample ID: NY-P01-SB-2-5B-SO-4.0-201308230940**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 14:01	MS

Lab#: AC74208-005 **Sample ID: NY-P01-SB-2-5B-SO-8.0-201308230945**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 10:35	MS

Laboratory Chronicle

Client: PORT AUTHORITY OF NY & NJ **HCV Project #:** 3082608

Project: GB-NY-P01

Lab#: AC74208-006 **Sample ID: NY-P01-SB-2-5C-SO-12.0-201308231040**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 10:50	MS

Lab#: AC74208-007 **Sample ID: NY-P01-SB-2-5C-SO-13.5-201308231041**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 12:40	MS

Lab#: AC74208-008 **Sample ID: NY-P01-SB-2-5C-SO-19.5-201308231045**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 11:05	MS

Lab#: AC74208-009 **Sample ID: NY-P01-SB-2-5C-SO-8.5-201308231035**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 11:20	MS

Lab#: AC74208-010 **Sample ID: SO-201308230941-FD-1**

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	8/27/13 00:00	hossain
PCB 8082	3510C/3550B	08/28/13	smarwala	EPA 8082	8/29/13 14:16	MS

Chain of Custody

THE PORT AUTHORITY OF NY & NJ

CHAIN-OF-CUSTODY / Analytical Request Document

20130826-0926

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed and accurate.

Page: 1 of 1
Cooler # HCV of

Project Information:

Facility:	Goethals Bridge
Charge code	CB07-272.117
Task description	Goethals Bridge Vertical Delineation

Contact Name	Dorian Bailey / Angelos Zafirelis
Contact Phone No.	201-216-2963 / 201-216-2960
Contact Fax No.	201-216-2158
Contact Email	DBailey@panynj.gov / AZafirel@panynj.gov
Destination Laboratory	Hampton-Clarke Veritech

Task: NY-P01
Total # of Samples: 10 Event Complete? Yes
TAT STD SDG
Notes: F= Field Filtered , H= Hold

3082608

ITEM #	Field Sample No. /Identification	MATRIX CODE	G=GRAB C=COMP	SAMPLE DATE	#OF CONTAINERS	Composite Description AC14208	Preservative	Analysis CL_PCB
1	201308231115-FB-1	WQ	G	08/23/2013 11:15	2	-001		X
2	NY-P01-SB-2-5B-SO-10.5-201308230950	SO	G	08/23/2013 09:50	1	-002		X
3	NY-P01-SB-2-5B-SO-14.5-201308230951	SO	G	08/23/2013 09:51	1	-003		X
4	NY-P01-SB-2-5B-SO-4.0-201308230940	SO	G	08/23/2013 09:40	1	-004		X
5	NY-P01-SB-2-5B-SO-8.0-201308230945	SO	G	08/23/2013 09:45	1	-005		X
6	NY-P01-SB-2-5C-SO-12.0-201308231040	SO	G	08/23/2013 10:40	1	-006		X
7	NY-P01-SB-2-5C-SO-13.5-201308231041	SO	G	08/23/2013 10:41	1	-007		X
8	NY-P01-SB-2-5C-SO-19.5-201308231045	SO	G	08/23/2013 10:45	1	-008		X
9	NY-P01-SB-2-5C-SO-8.5-201308231035	SO	G	08/23/2013 10:35	1	-009		X
10	SO-201308230941-FD-1	SO	G	08/23/2013 09:41	1	-010		X

Additional Comments/Special Instructions:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	8/26/13	1044		8/26/13	10:44
	8/26/13	11:58		8/26/13	12:35

Sample Receipt Conditions

	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

Temp in 0C | Samples on Ice? | Sample intact? | Trip Blank?

Deliverables:

NAME OF SAMPLER: S. Baijnath DATE/TIME:

SIGNATURE of SAMPLER:

3.0

CONDITION UPON RECEIPT

Batch Number AC74208 Entered By: Ricardo
Date Entered 8/26/2013 12:42:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	NO	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.0C
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	Yes	Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC74208-001	08/26/13 12:35	RICAR	0	M	Received
AC74208-001	08/26/13 12:42	RICAR	0	M	Login
AC74208-001	08/26/13 13:07	R12	1	A	NONE
AC74208-001	08/26/13 13:07	R12	2	A	NONE
AC74208-001	08/28/13 10:09	LYND	2	A	PEST/PCB
AC74208-002	08/26/13 12:35	RICAR	0	M	Received
AC74208-002	08/26/13 12:42	RICAR	0	M	Login
AC74208-002	08/26/13 13:07	R12	1	A	NONE
AC74208-002	08/26/13 22:22	PA	1	A	mixing
AC74208-002	08/26/13 22:22	R12	1	A	NONE
AC74208-002	08/27/13 07:28	HS	1	A	5solids
AC74208-002	08/27/13 15:47	R12	1	A	NONE
AC74208-002	08/28/13 15:01	SMAR	1	A	pcb
AC74208-002	08/28/13 18:59	R12	1	A	NONE
AC74208-003	08/26/13 12:35	RICAR	0	M	Received
AC74208-003	08/26/13 12:42	RICAR	0	M	Login
AC74208-003	08/26/13 13:07	R12	1	A	NONE
AC74208-003	08/26/13 22:22	R12	1	A	NONE
AC74208-003	08/26/13 22:22	PA	1	A	mixing
AC74208-003	08/27/13 07:28	HS	1	A	5solids
AC74208-003	08/27/13 15:47	R12	1	A	NONE
AC74208-003	08/28/13 15:01	SMAR	1	A	pcb
AC74208-003	08/28/13 18:59	R12	1	A	NONE
AC74208-004	08/26/13 12:35	RICAR	0	M	Received
AC74208-004	08/26/13 12:42	RICAR	0	M	Login
AC74208-004	08/26/13 13:07	R12	1	A	NONE
AC74208-004	08/26/13 22:22	PA	1	A	mixing
AC74208-004	08/26/13 22:22	R12	1	A	NONE
AC74208-004	08/27/13 07:28	HS	1	A	5solids
AC74208-004	08/27/13 15:47	R12	1	A	NONE
AC74208-004	08/28/13 15:01	SMAR	1	A	pcb
AC74208-004	08/28/13 18:59	R12	1	A	NONE
AC74208-005	08/26/13 12:35	RICAR	0	M	Received
AC74208-005	08/26/13 12:42	RICAR	0	M	Login
AC74208-005	08/26/13 13:07	R12	1	A	NONE
AC74208-005	08/26/13 22:22	PA	1	A	mixing
AC74208-005	08/26/13 22:22	R12	1	A	NONE
AC74208-005	08/27/13 07:28	HS	1	A	5solids
AC74208-005	08/27/13 15:47	R12	1	A	NONE
AC74208-005	08/28/13 15:01	SMAR	1	A	pcb
AC74208-005	08/28/13 18:59	R12	1	A	NONE
AC74208-006	08/26/13 12:35	RICAR	0	M	Received
AC74208-006	08/26/13 12:42	RICAR	0	M	Login
AC74208-006	08/26/13 13:07	R12	1	A	NONE
AC74208-006	08/26/13 22:22	PA	1	A	mixing
AC74208-006	08/26/13 22:22	R12	1	A	NONE
AC74208-006	08/27/13 07:28	HS	1	A	5solids
AC74208-006	08/27/13 15:47	R12	1	A	NONE
AC74208-006	08/28/13 15:01	SMAR	1	A	pcb
AC74208-006	08/28/13 18:59	R12	1	A	NONE
AC74208-007	08/26/13 12:35	RICAR	0	M	Received
AC74208-007	08/26/13 12:42	RICAR	0	M	Login
AC74208-007	08/26/13 13:07	R12	1	A	NONE
AC74208-007	08/26/13 22:22	R12	1	A	NONE
AC74208-007	08/26/13 22:22	PA	1	A	mixing
AC74208-007	08/27/13 07:28	HS	1	A	5solids
AC74208-007	08/27/13 15:47	R12	1	A	NONE
AC74208-007	08/28/13 15:01	SMAR	1	A	pcb
AC74208-007	08/28/13 18:59	R12	1	A	NONE
AC74208-008	08/26/13 12:35	RICAR	0	M	Received
AC74208-008	08/26/13 12:42	RICAR	0	M	Login
AC74208-008	08/26/13 13:07	R12	1	A	NONE
AC74208-008	08/26/13 22:22	R12	1	A	NONE
AC74208-008	08/26/13 22:22	PA	1	A	mixing
AC74208-008	08/27/13 07:28	HS	1	A	5solids
AC74208-008	08/27/13 15:47	R12	1	A	NONE
AC74208-008	08/28/13 15:01	SMAR	1	A	pcb
AC74208-008	08/28/13 18:59	R12	1	A	NONE
AC74208-009	08/26/13 12:35	RICAR	0	M	Received
AC74208-009	08/26/13 12:42	RICAR	0	M	Login
AC74208-009	08/26/13 13:07	R12	1	A	NONE
AC74208-009	08/26/13 22:22	R12	1	A	NONE
AC74208-009	08/26/13 22:22	PA	1	A	mixing
AC74208-009	08/27/13 07:28	HS	1	A	5solids
AC74208-009	08/27/13 15:47	R12	1	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC74208-009	08/28/13 15:01	SMAR	1	A	pcb
AC74208-009	08/28/13 18:59	R12	1	A	NONE
AC74208-010	08/26/13 12:35	RICAR	0	M	Received
AC74208-010	08/26/13 12:42	RICAR	0	M	Login
AC74208-010	08/26/13 13:07	R12	1	A	NONE
AC74208-010	08/26/13 22:22	PA	1	A	mixing
AC74208-010	08/26/13 22:22	R12	1	A	NONE
AC74208-010	08/27/13 07:28	HS	1	A	5solids
AC74208-010	08/27/13 15:47	R12	1	A	NONE
AC74208-010	08/28/13 15:01	SMAR	1	A	pcb
AC74208-010	08/28/13 18:59	R12	1	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

PCB Data

Form1

ORGANICS PCB REPORT

Sample Number: AC74208-001
Client Id: 201308231115-FB-1
Data File: 3G78592.D
Analysis Date: 08/28/13 21:03
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	12672-29-6	Aroclor-1248	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11141-16-5	Aroclor-1232	0.25	U	11096-82-5	Aroclor-1260	0.25	U
53469-21-9	Aroclor-1242	0.25	U	1336-36-3	Aroclor (Total)	0.25	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2013\GC_3\Data\08-28-13\
Data File : 3G78592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2013 21:03
Operator : MS
Sample : AC74208-001
Misc : A,PCB
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 09:32:32 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

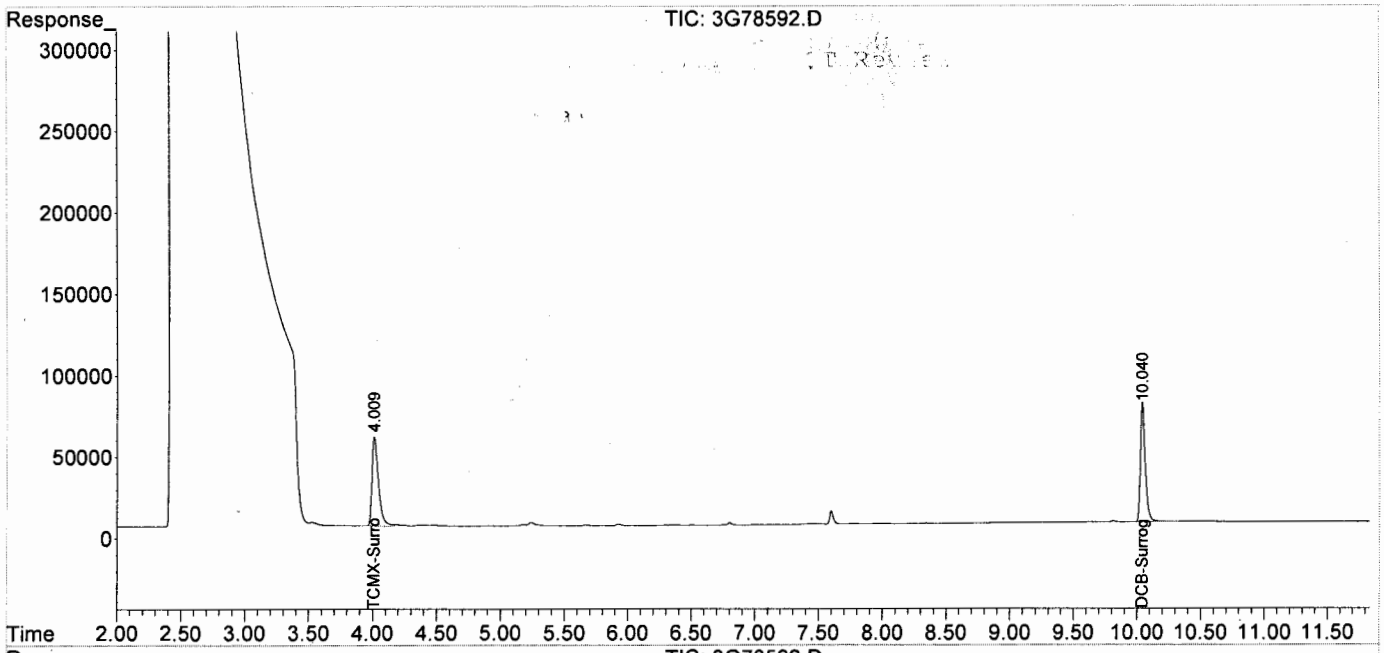
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.010	3.977	1923312	2856488	100.933	99.097m
45)DCB-Surrogate	10.041	10.707	1949707	3138972	125.410	122.129

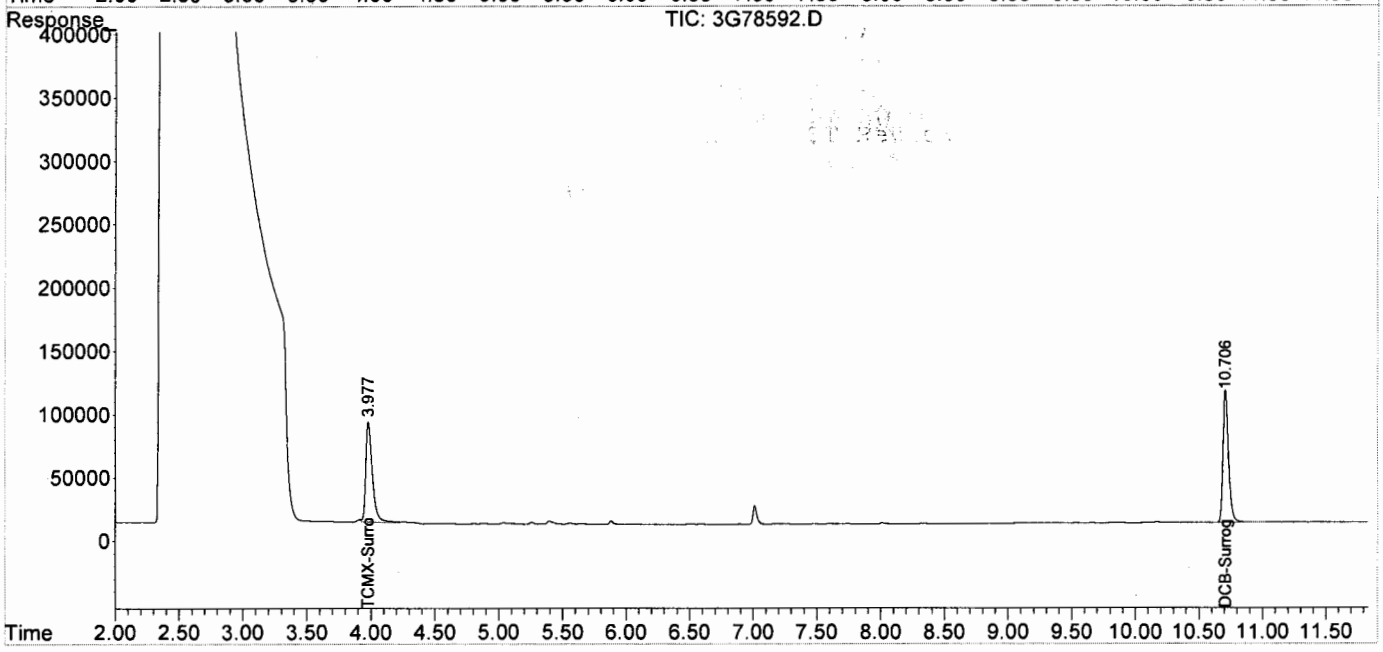
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-28-13\
Data File : 3G78592.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2013 21:03
Operator : MS
Sample : AC74208-001
Misc : A,PCB
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 09:32:32 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-002
Client Id: NY-P01-SB-2-5B-SO-10.5-
Data File: 3G78599.D
Analysis Date: 08/29/13 10:06
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 19

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.13	U	12672-29-6	Aroclor-1248	0.13	U
11104-28-2	Aroclor-1221	0.13	U	11097-69-1	Aroclor-1254	0.13	U
11141-16-5	Aroclor-1232	0.13	U	11096-82-5	Aroclor-1260	0.13	U
53469-21-9	Aroclor-1242	0.13	U	1336-36-3	Aroclor (Total)	0.13	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0026

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78599.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:06
Operator : MS
Sample : AC74208-002
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:56:13 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

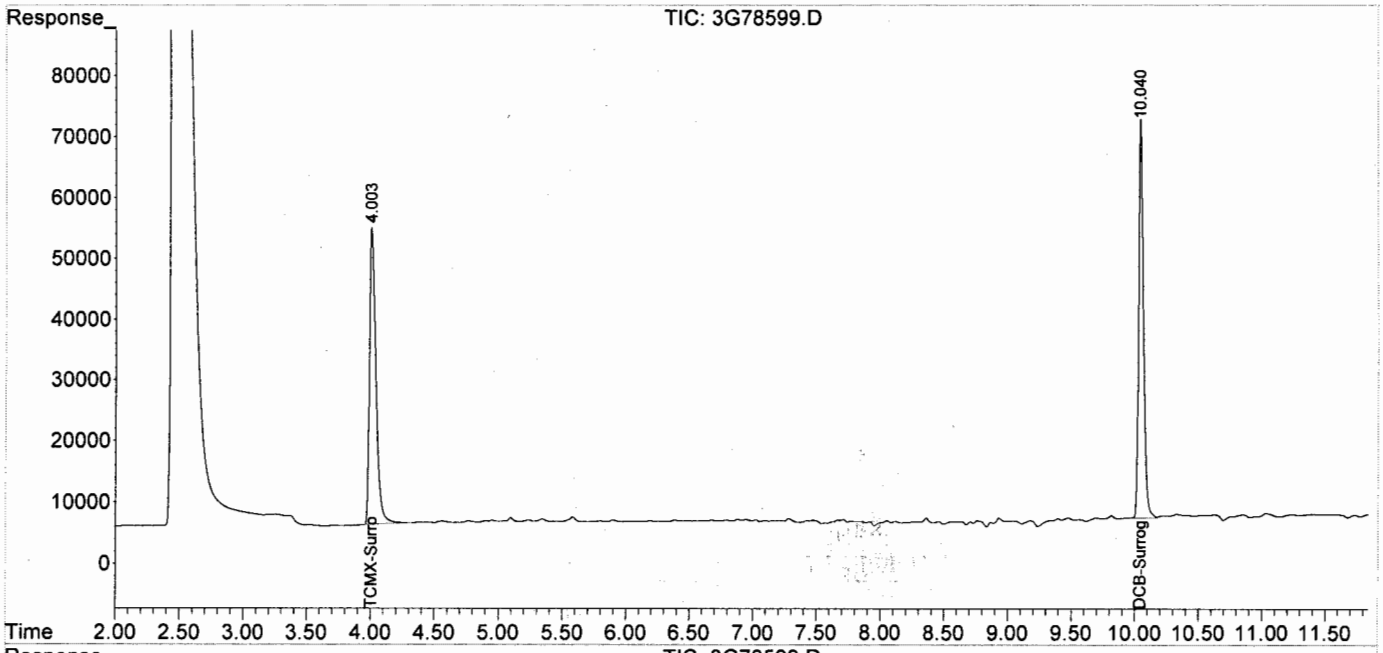
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.005	3.973	1689479	2808315	88.662	97.426
45)DCB-Surrogate	10.040	10.708	1704082	2950954	109.611m	114.928

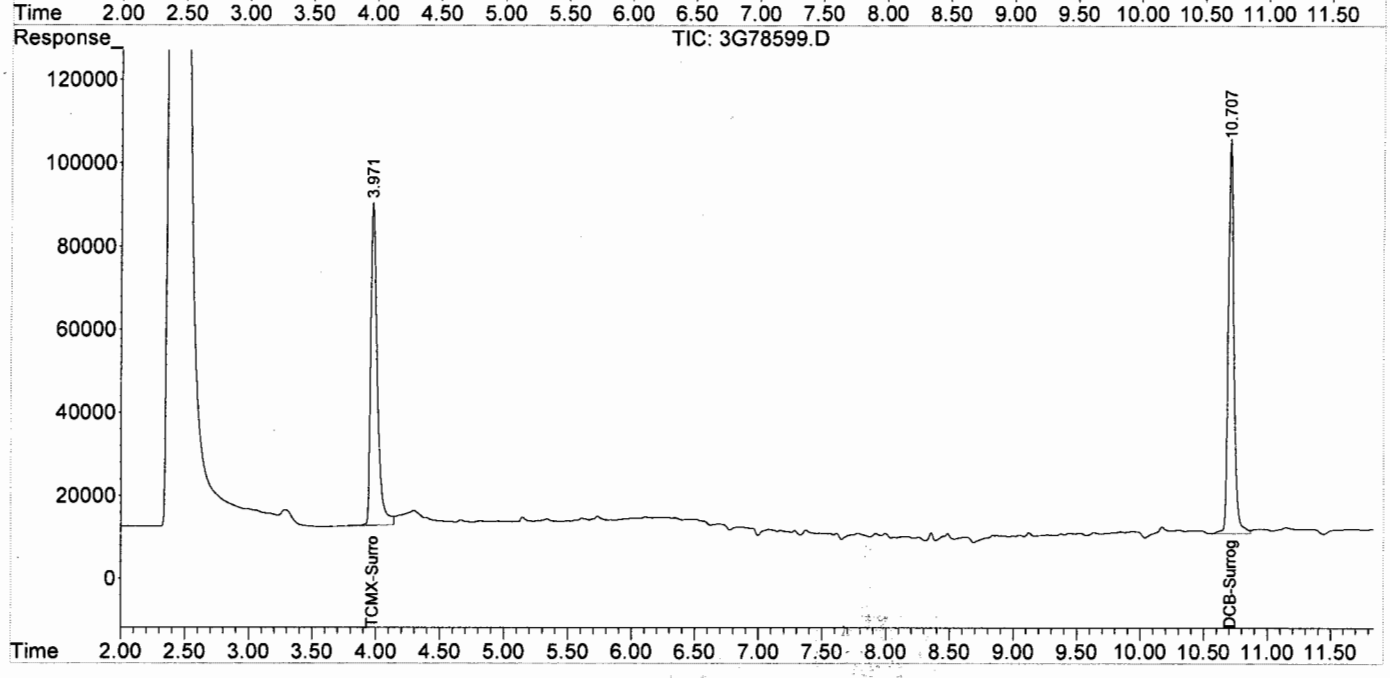
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78599.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:06
Operator : MS
Sample : AC74208-002
Misc : S,PCB
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:56:13 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-003
Client Id: NY-P01-SB-2-5B-SO-14.5-
Data File: 3G78600.D
Analysis Date: 08/29/13 10:21
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.030	U	12672-29-6	Aroclor-1248	0.030	U
11104-28-2	Aroclor-1221	0.030	U	11097-69-1	Aroclor-1254	0.030	U
11141-16-5	Aroclor-1232	0.030	U	11096-82-5	Aroclor-1260	0.030	U
53469-21-9	Aroclor-1242	0.030	U	1336-36-3	Aroclor (Total)	0.030	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0029

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78600.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:21
Operator : MS
Sample : AC74208-003
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:56:34 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

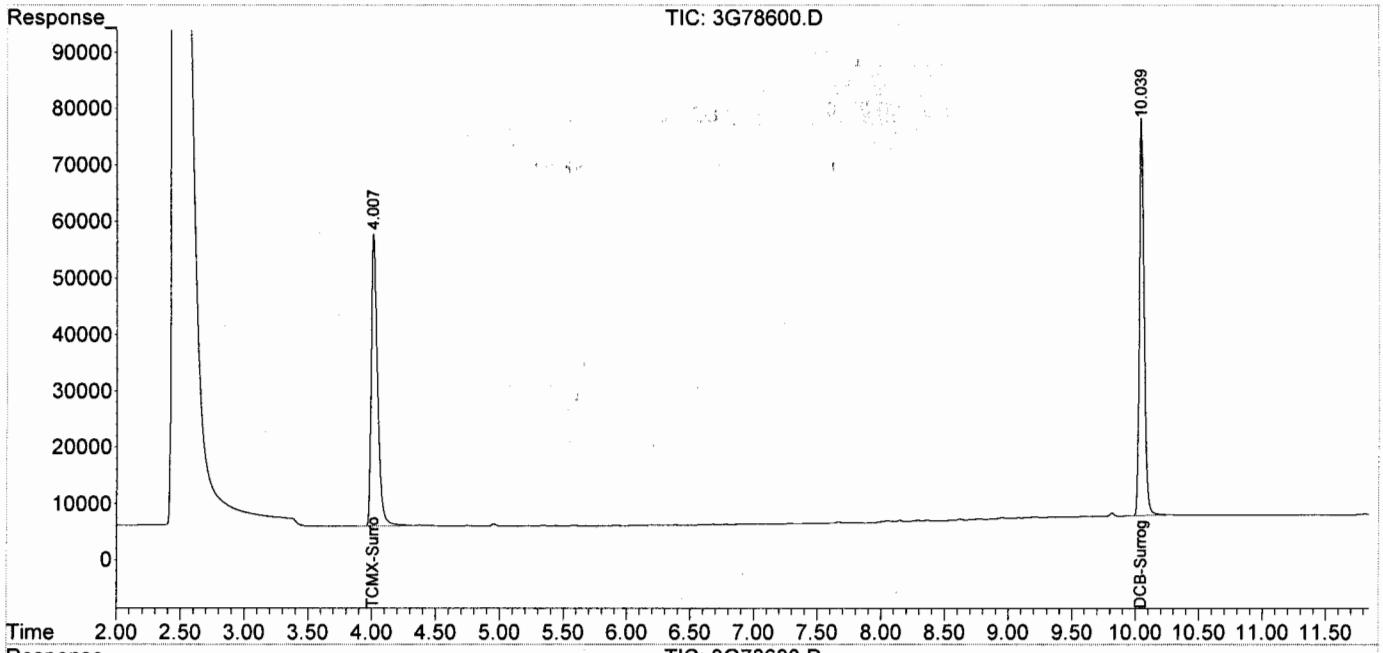
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	4.008	3.976	1773310	2860928	93.061	99.251
45)	DCB-Surrogate	10.040	10.707	1837634	3056161	118.201	118.959

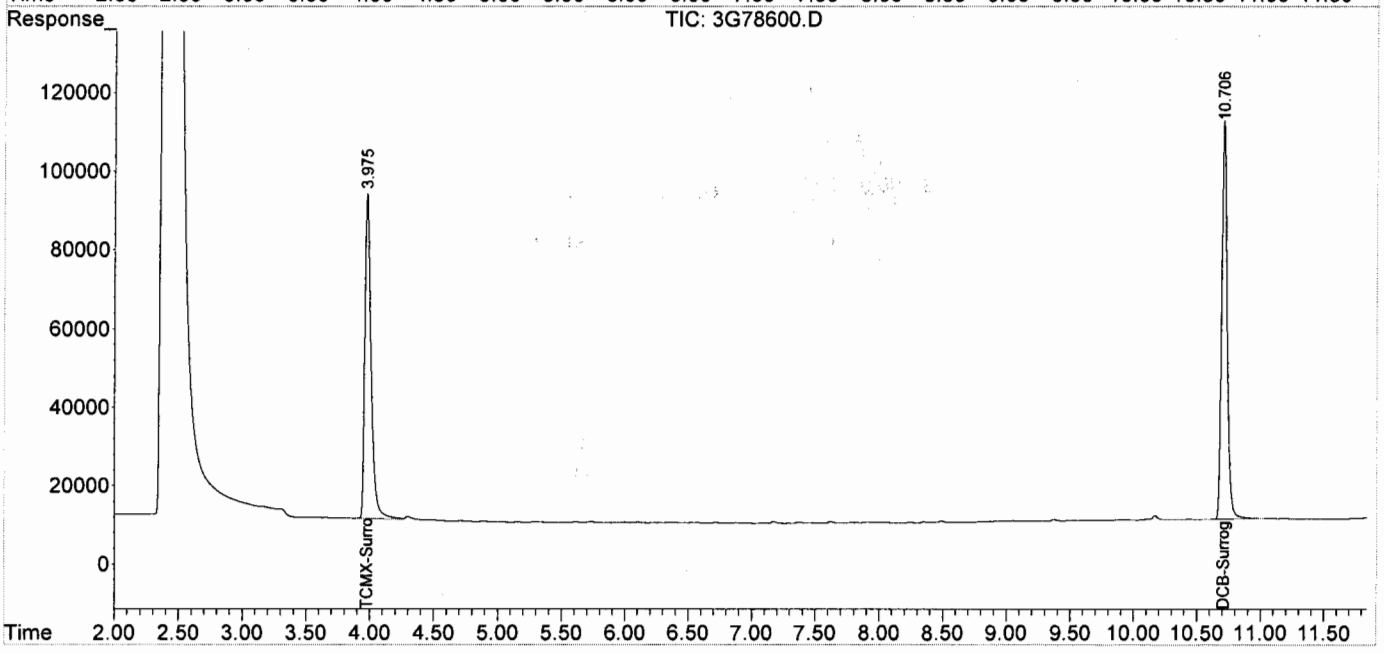
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78600.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:21
Operator : MS
Sample : AC74208-003
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:56:34 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-004(10X)
Client Id: NY-P01-SB-2-5B-SO-4.0-2
Data File: 2G83630.D
Analysis Date: 08/29/13 14:01
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 10
Solids: 91

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.27	U	12672-29-6	Aroclor-1248	0.27	U
11104-28-2	Aroclor-1221	0.27	U	11097-69-1	Aroclor-1254	0.27	U
11141-16-5	Aroclor-1232	0.27	U	**11096-82-5**	**(^)Aroclor-1260**	**0.27**	**3.8**
53469-21-9	Aroclor-1242	0.27	U	**1336-36-3**	**Aroclor (Total)**	**0.27**	**3.8**

Worksheet #: 275168

Total Target Concentration 3.8

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0032

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 14:01
Operator : MS
Sample : AC74208-004(10X)
Misc : S,PCB:10
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:45:25 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

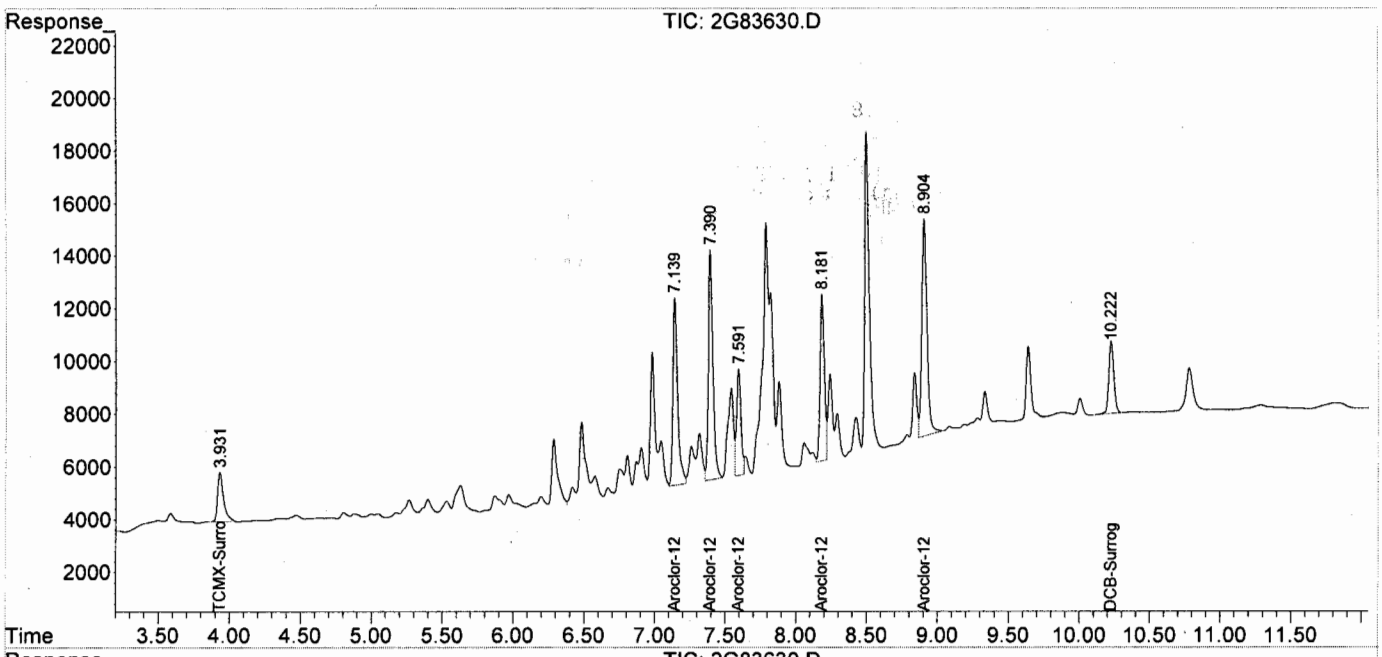
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.931	4.008	54339	46554	11.157m	11.096m
7)Aroclor-1260 {1}	7.140	7.451	166342	140910	657.465	643.526
8)Aroclor-1260 {2}	7.391	7.534	194389	165100	678.230	714.201
9)Aroclor-1260 {3}	7.592	8.172	88669	72040	521.857	649.512
10)Aroclor-1260 {4}	8.181	8.534	134466	137249	663.396	680.555m
11)Aroclor-1260 {5}	8.904	9.252	212328	119055	650.284	728.962
45)DCB-Surrogate	10.222	11.038	67958	54781	17.268	17.220m

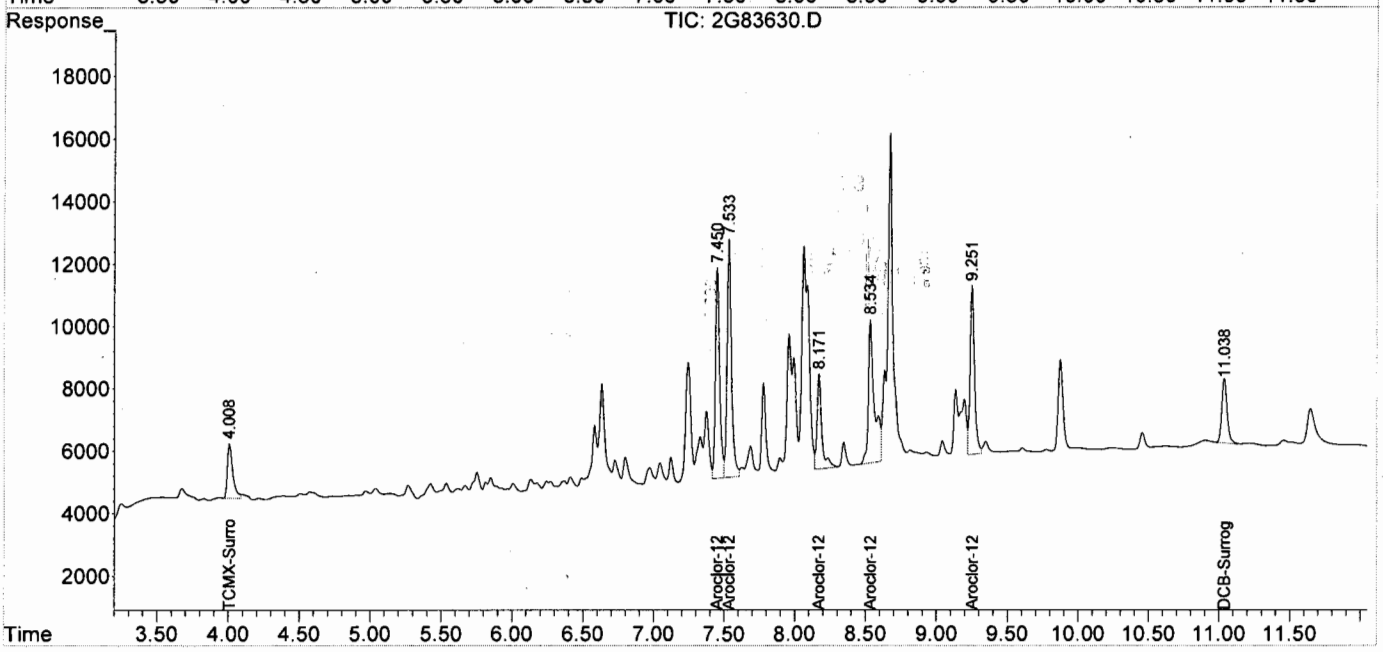
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83630.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 14:01
Operator : MS
Sample : AC74208-004(10X)
Misc : S,PCB:10
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:45:25 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-005
Client Id: NY-P01-SB-2-5B-SO-8.0-2
Data File: 3G78601.D
Analysis Date: 08/29/13 10:35
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 22

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.11	U	12672-29-6	Aroclor-1248	0.11	U
11104-28-2	Aroclor-1221	0.11	U	11097-69-1	Aroclor-1254	0.11	U
11141-16-5	Aroclor-1232	0.11	U	**11096-82-5**	**(^)Aroclor-1260**	**0.11**	**0.99**
53469-21-9	Aroclor-1242	0.11	U	**1336-36-3**	**Aroclor (Total)**	**0.11**	**0.99**

Worksheet #: 275168

Total Target Concentration 0.99

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0035

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78601.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:35
Operator : MS
Sample : AC74208-005
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:58:21 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

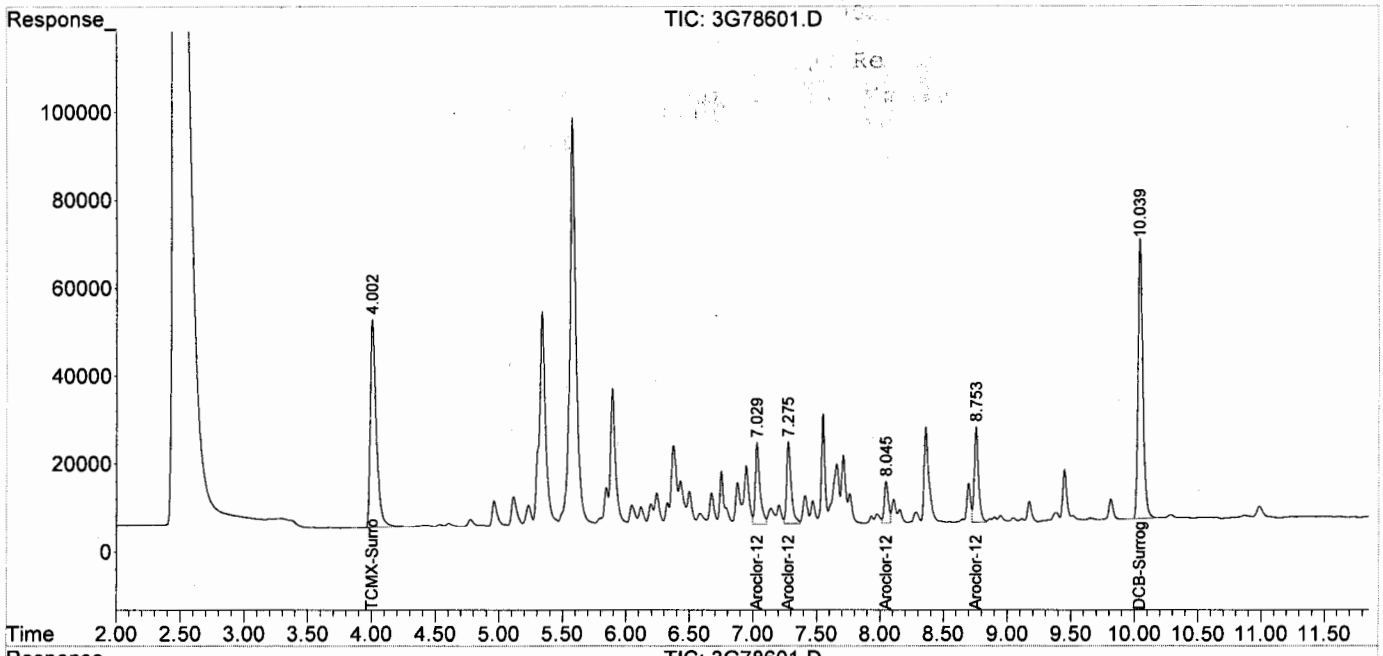
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.003	3.972	1551773	2406442	81.435	83.484
7)Aroclor-1260 {1}	7.031	7.286	469566	555511	502.928	395.554
8)Aroclor-1260 {2}	7.277	7.370	460788	708229	425.148	451.772
10)Aroclor-1260 {4}	8.046	9.043	212467	511174	282.844	342.210
11)Aroclor-1260 {5}	8.755	9.632	494760	574176	379.788	545.091 #
45)DCB-Surrogate	10.040	10.708	1664657	2718902	107.075	106.020

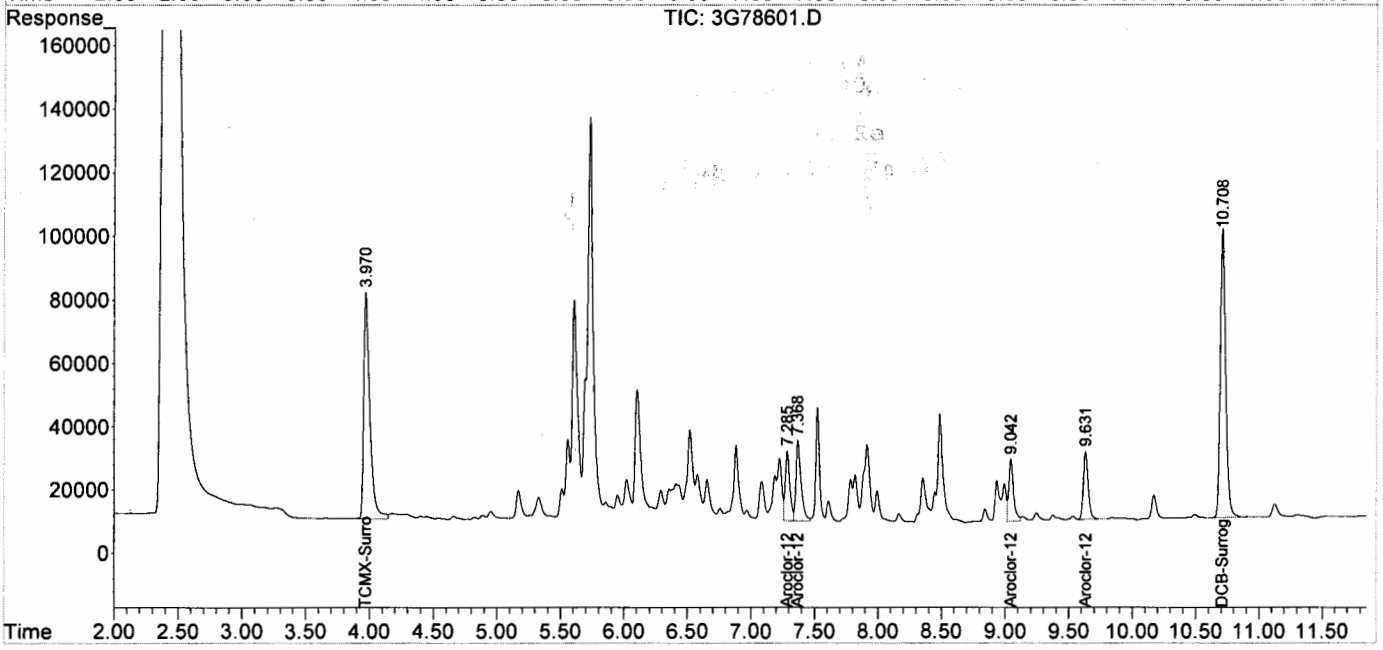
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78601.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:35
Operator : MS
Sample : AC74208-005
Misc : S,PCB
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:58:21 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-006
Client Id: NY-P01-SB-2-5C-SO-12.0-
Data File: 3G78602.D
Analysis Date: 08/29/13 10:50
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 20

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.13	U	12672-29-6	Aroclor-1248	0.13	U
11104-28-2	Aroclor-1221	0.13	U	11097-69-1	Aroclor-1254	0.13	U
11141-16-5	Aroclor-1232	0.13	U	11096-82-5	Aroclor-1260	0.13	U
53469-21-9	Aroclor-1242	0.13	U	1336-36-3	Aroclor (Total)	0.13	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0038

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78602.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:50
Operator : MS
Sample : AC74208-006
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:59:03 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

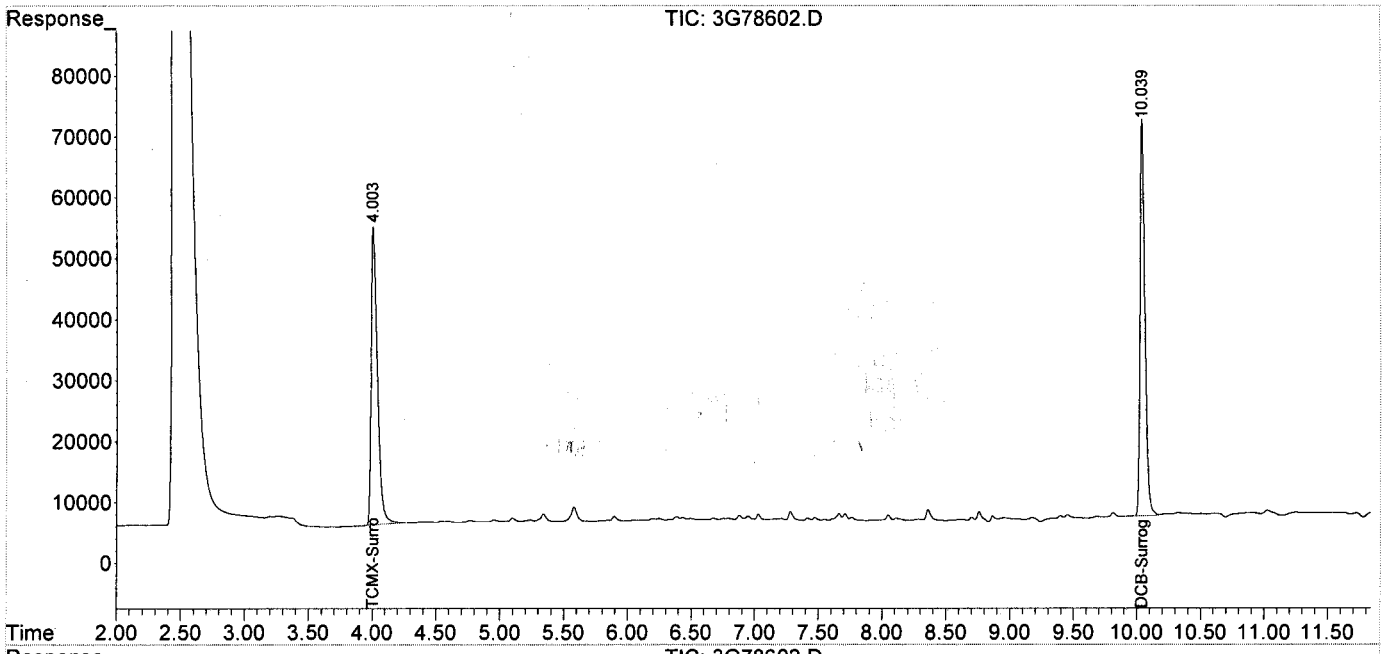
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	4.005	3.973	1669997	2666429	87.639	92.504
45)	DCB-Surrogate	10.040	10.709	1718998	3009268	110.570	117.163

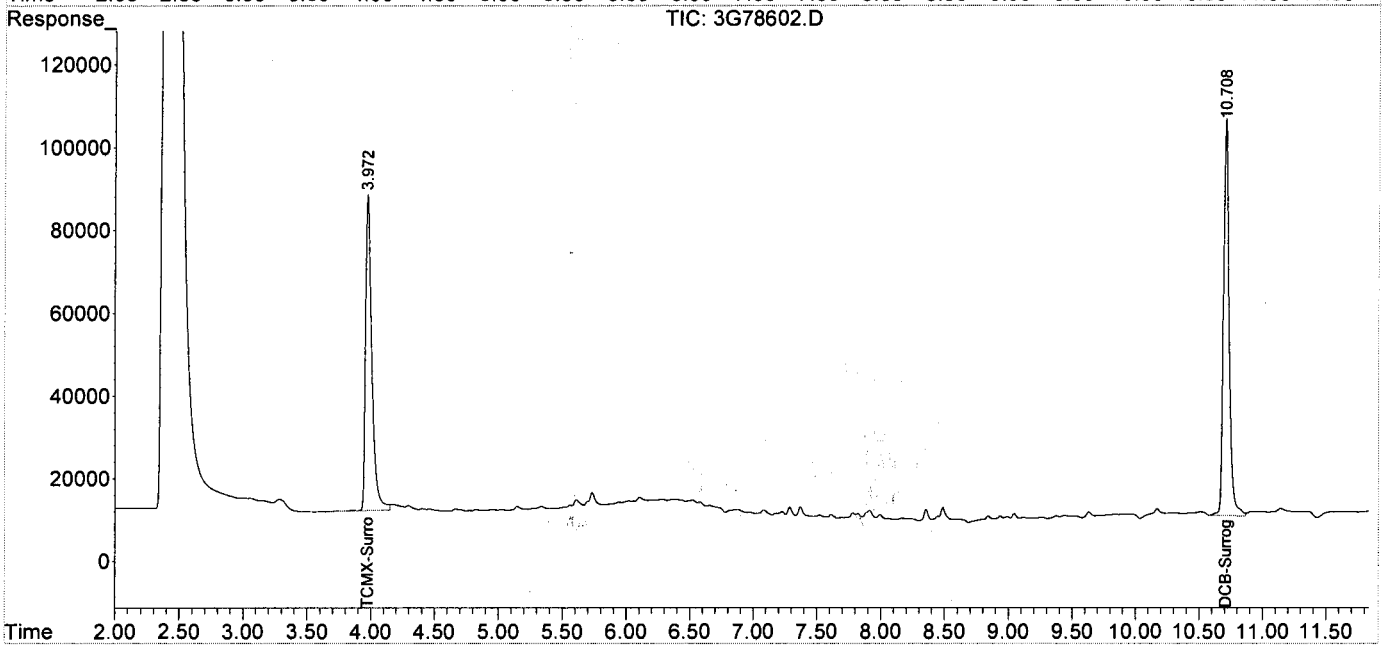
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78602.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 10:50
Operator : MS
Sample : AC74208-006
Misc : S,PCB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:59:03 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-007
Client Id: NY-P01-SB-2-5C-SO-13.5-
Data File: 2G83627.D
Analysis Date: 08/29/13 12:40
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 17

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.15	U	12672-29-6	Aroclor-1248	0.15	U
11104-28-2	Aroclor-1221	0.15	U	11097-69-1	Aroclor-1254	0.15	U
11141-16-5	Aroclor-1232	0.15	U	11096-82-5	Aroclor-1260	0.15	U
53469-21-9	Aroclor-1242	0.15	U	1336-36-3	Aroclor (Total)	0.15	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 12:40
Operator : MS
Sample : AC74208-007
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:42:16 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

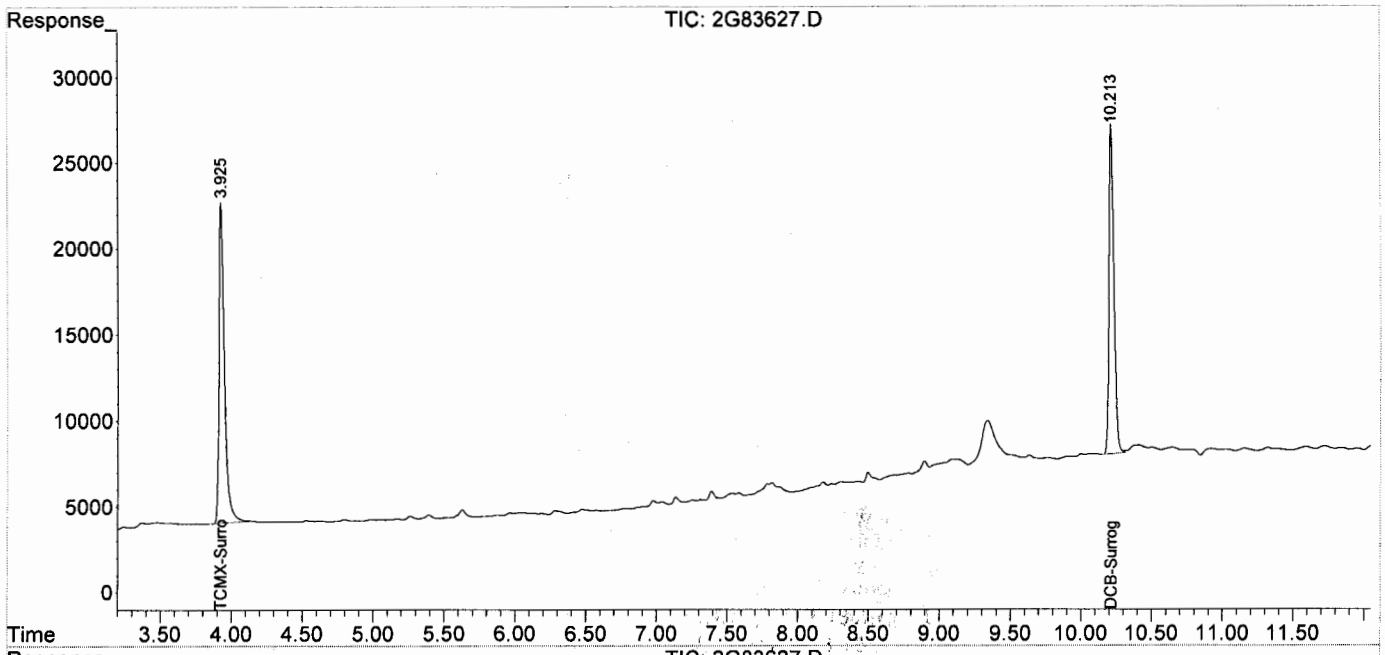
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.926	4.009	490252	420329	100.658	100.182
45)DCB-Surrogate	10.213	11.036	464622	383663	120.345m	120.743m

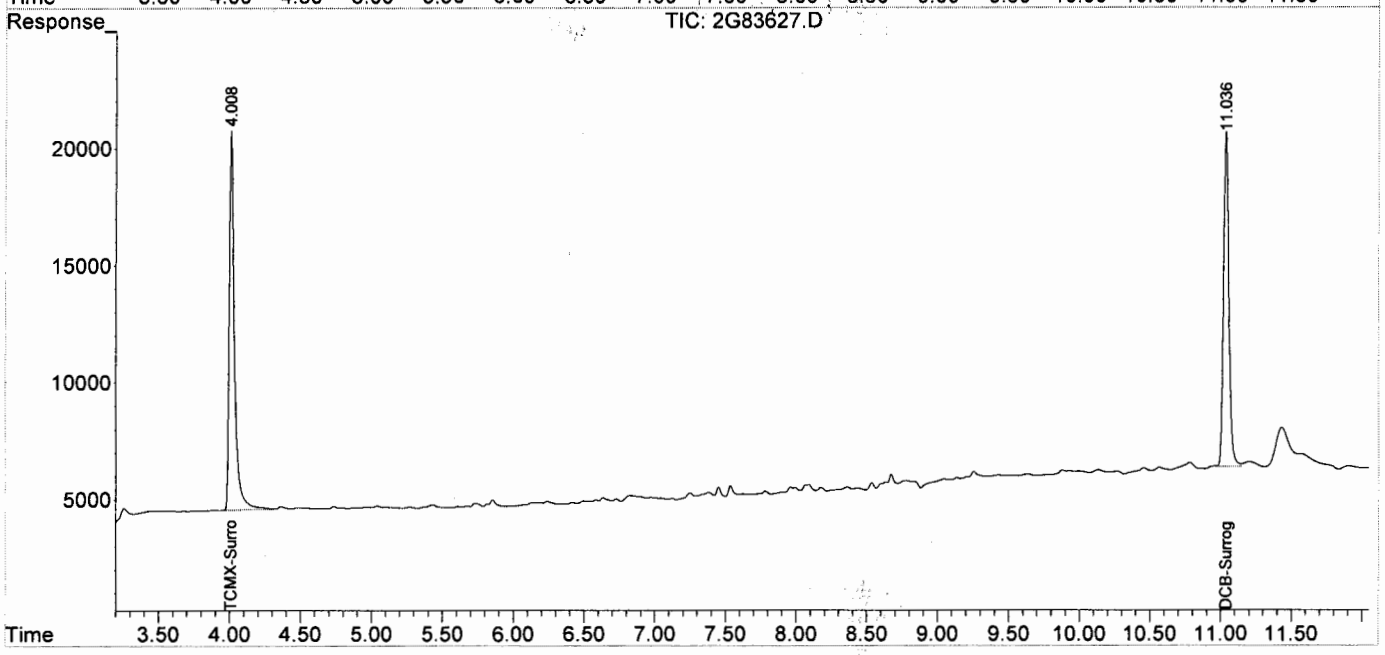
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83627.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 12:40
Operator : MS
Sample : AC74208-007
Misc : S,PCB
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:42:16 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-008
Client Id: NY-P01-SB-2-5C-SO-19.5-
Data File: 3G78603.D
Analysis Date: 08/29/13 11:05
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.030	U	12672-29-6	Aroclor-1248	0.030	U
11104-28-2	Aroclor-1221	0.030	U	11097-69-1	Aroclor-1254	0.030	U
11141-16-5	Aroclor-1232	0.030	U	11096-82-5	Aroclor-1260	0.030	U
53469-21-9	Aroclor-1242	0.030	U	1336-36-3	Aroclor (Total)	0.030	U

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0044

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78603.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 11:05
Operator : MS
Sample : AC74208-008
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:59:52 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

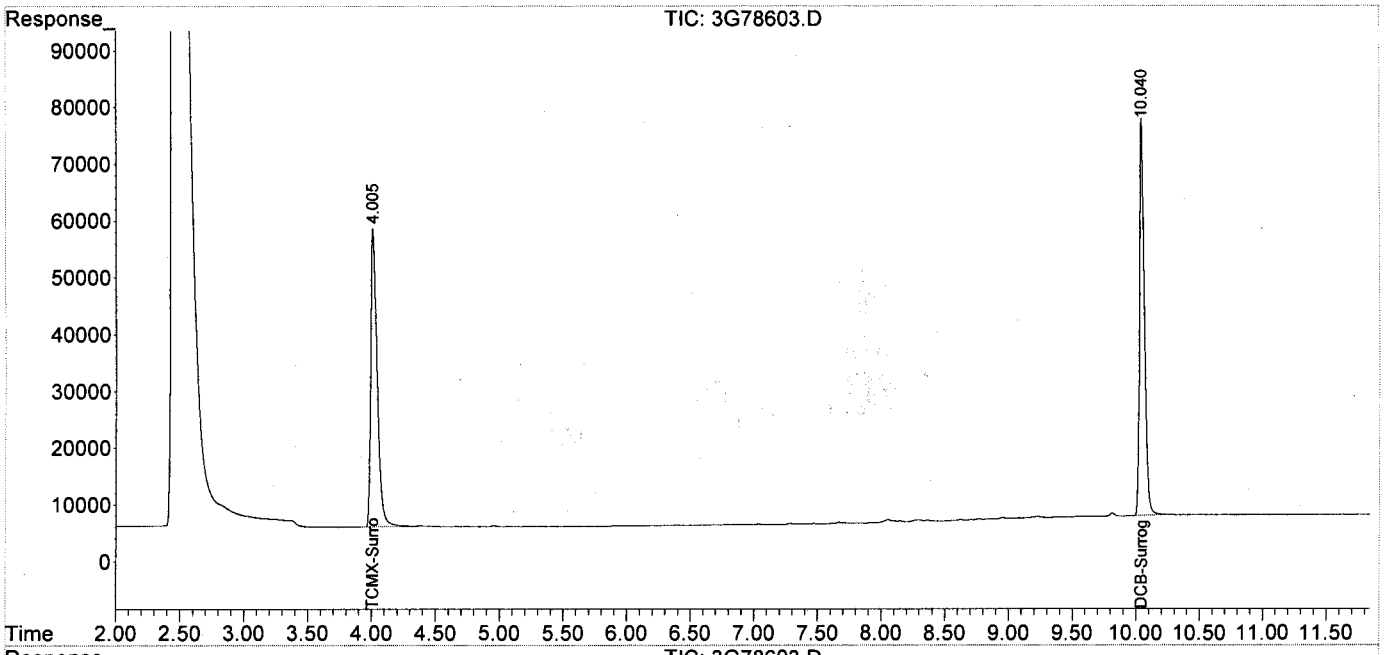
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
	Target Compounds						
1)	TCMX-Surrogate	4.007	3.976	1842261	2885331	96.680	100.098
45)	DCB-Surrogate	10.041	10.708	1845274	3047089	118.693	118.611

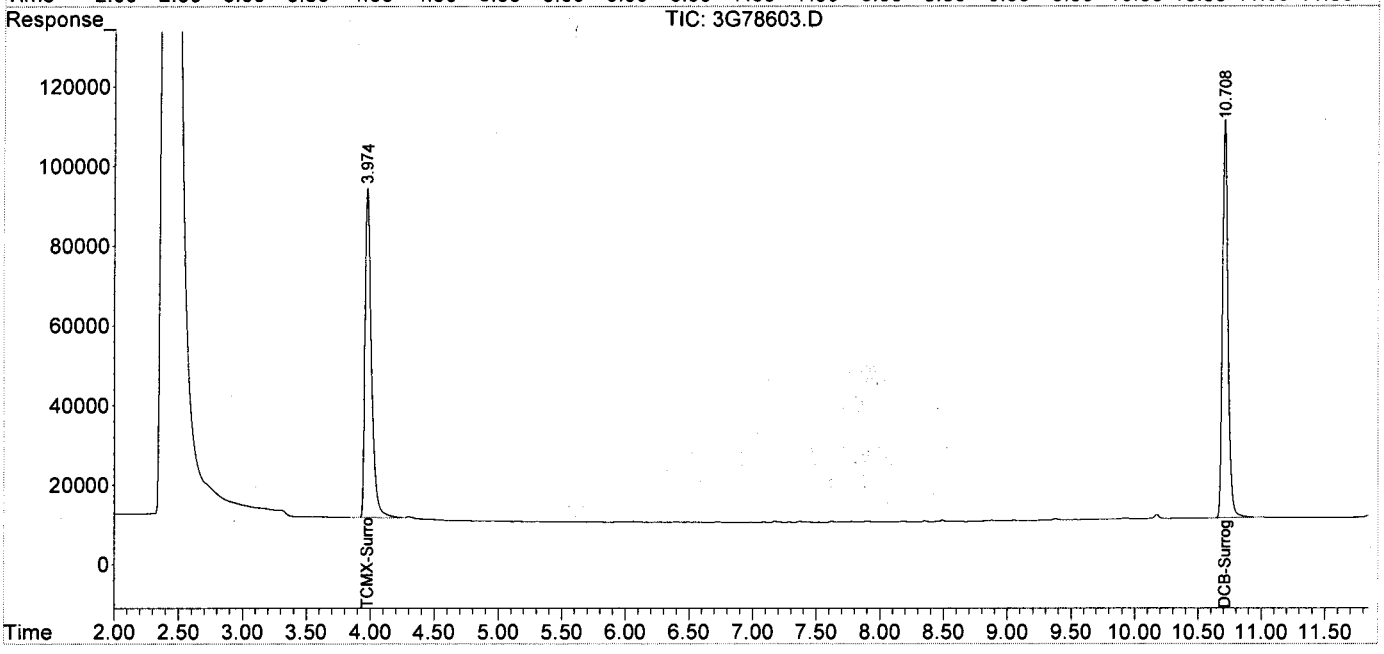
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78603.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 11:05
Operator : MS
Sample : AC74208-008
Misc : S,PCB
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:59:52 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-009
Client Id: NY-P01-SB-2-5C-SO-8.5-2
Data File: 3G78604.D
Analysis Date: 08/29/13 11:20
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 20

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.13	U	12672-29-6	Aroclor-1248	0.13	U
11104-28-2	Aroclor-1221	0.13	U	11097-69-1	Aroclor-1254	0.13	U
11141-16-5	Aroclor-1232	0.13	U	**11096-82-5**	**(^)Aroclor-1260**	**0.13**	**0.15**
53469-21-9	Aroclor-1242	0.13	U	**1336-36-3**	**Aroclor (Total)**	**0.13**	**0.15**

Worksheet #: 275168

Total Target Concentration 0.15

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration usea

3082608 0047

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78604.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 11:20
Operator : MS
Sample : AC74208-009
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 15:01:29 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.005	3.973	1584941	2357499	83.176	81.786
7)Aroclor-1260 {1}	7.032	7.289	51206	81139	54.294	57.342
8)Aroclor-1260 {2}	7.280	7.372	60026	109917	54.989	69.830 #
11)Aroclor-1260 {5}	8.755	9.630	68629	55255	52.681m	52.456m
45)DCB-Surrogate	10.041	10.709	1692130	2757575	108.842	107.506

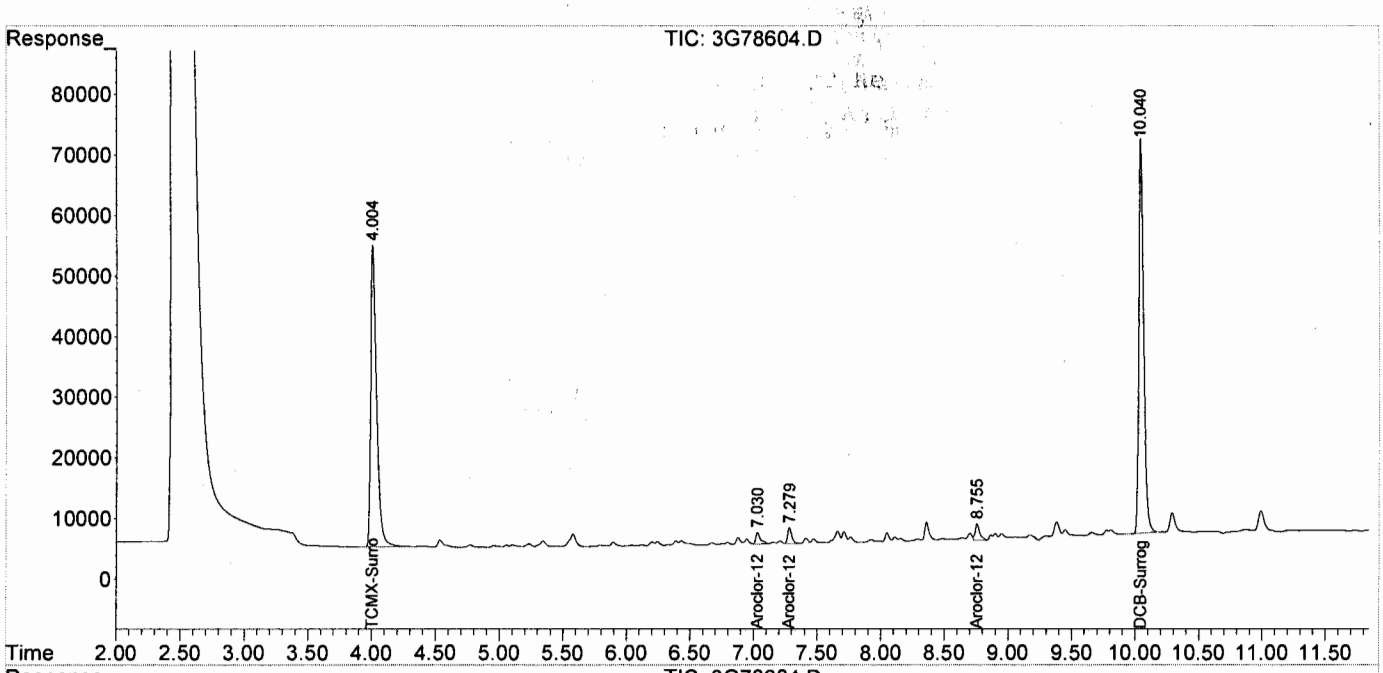
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

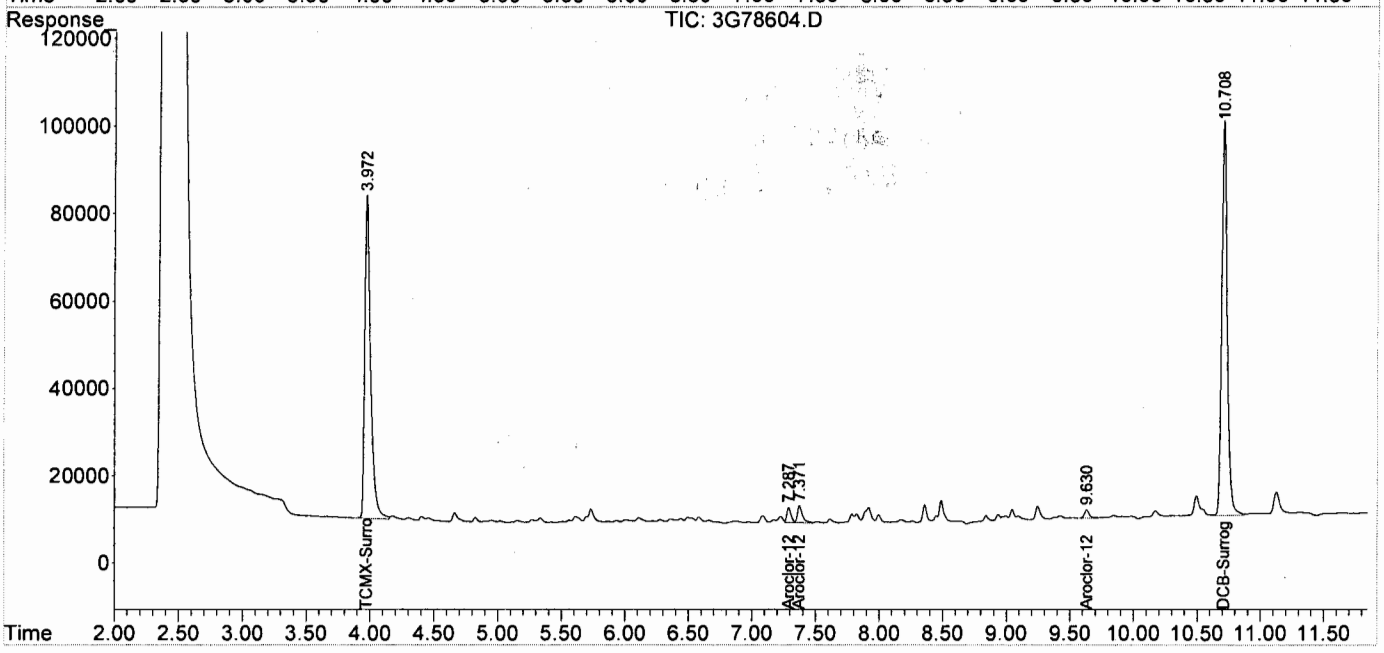
3082608 0048

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78604.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 11:20
Operator : MS
Sample : AC74208-009
Misc : S,PCB
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 15:01:29 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: AC74208-010(10X)
Client Id: SO-201308230941-FD-1
Data File: 2G83631.D
Analysis Date: 08/29/13 14:16
Date Rec/Extracted: 08/26/13-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 10
Solids: 88

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.28	U	12672-29-6	Aroclor-1248	0.28	U
11104-28-2	Aroclor-1221	0.28	U	11097-69-1	Aroclor-1254	0.28	U
11141-16-5	Aroclor-1232	0.28	U	**11096-82-5**	**(^)Aroclor-1260**	**0.28**	**4.5**
53469-21-9	Aroclor-1242	0.28	U	**1336-36-3**	**Aroclor (Total)**	**0.28**	**4.5**

Worksheet #: 275168

Total Target Concentration 4.5

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83631.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 14:16
Operator : MS
Sample : AC74208-010(10X)
Misc : S,PCB:10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:46:43 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

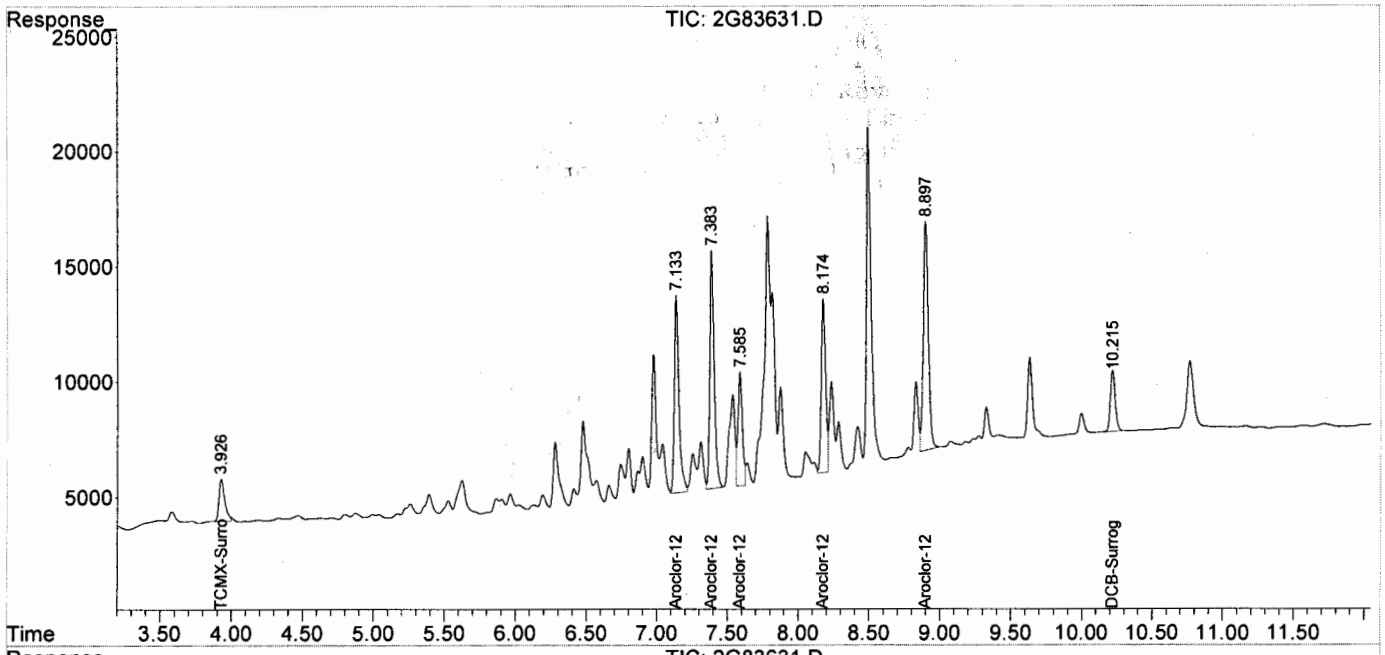
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	3.926	4.009	52095	45927	10.696m	10.946m
7)Aroclor-1260 {1}	7.134	7.451	194105	162073	770.468	742.596
8)Aroclor-1260 {2}	7.385	7.534	224920	192651	787.234	836.565
9)Aroclor-1260 {3}	7.585	8.171	107886	81388	634.960m	733.797m
10)Aroclor-1260 {4}	8.175	8.534	160312	165725	792.769	823.372m
11)Aroclor-1260 {5}	8.898	9.252	245499	140291	753.011	858.326
45)DCB-Surrogate	10.216	11.037	63610	53338	16.160	16.766

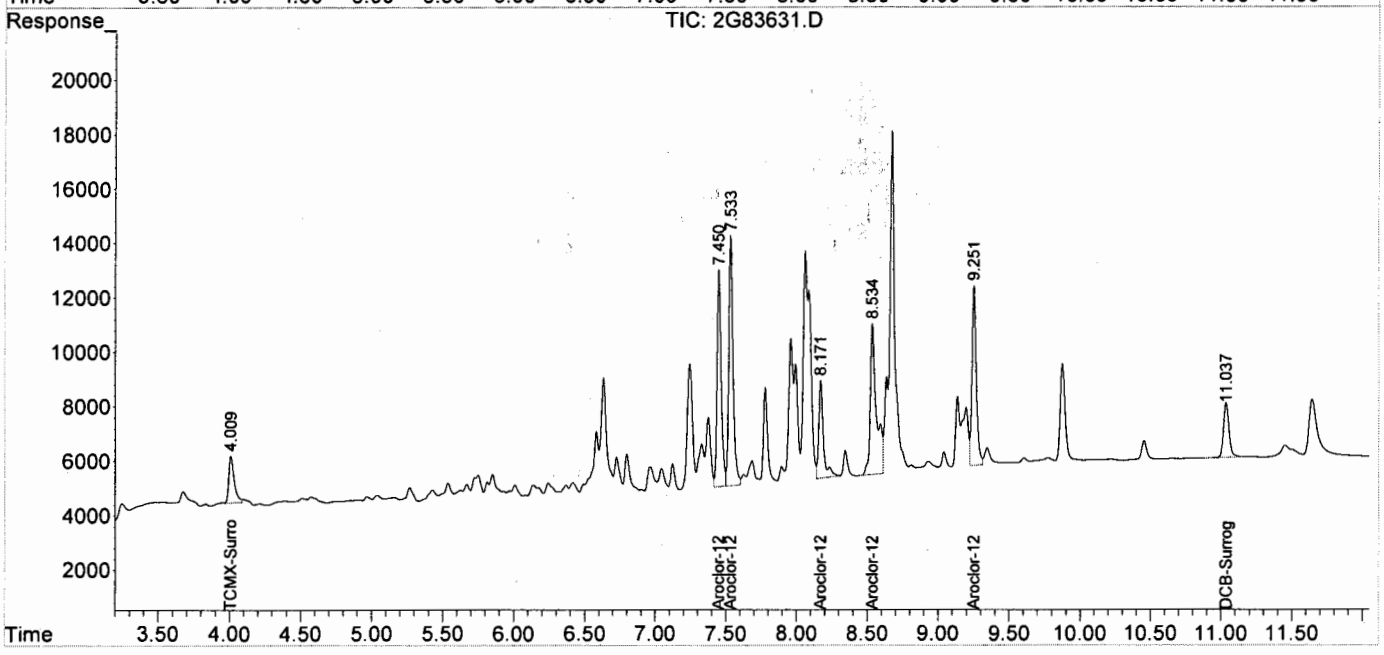
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_2\Data\08-29-13\
Data File : 2G83631.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 14:16
Operator : MS
Sample : AC74208-010(10X)
Misc : S,PCB:10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:46:43 2013
Quant Method : G:\GCDATA\2013\GC_2\METHODQT\2G_C0827.M
Quant Title : @GC_2,ug,608,8082
QLast Update : Tue Aug 27 16:28:53 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: WMB26017
Client Id:
Data File: 3G78579.D
Analysis Date: 08/28/13 17:44
Date Rec/Extracted: NA-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Aqueous
Initial Vol: 1000ml
Final Vol: 5ml
Dilution: 1
Solids: 0

Units: ug/L

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.25	U	12672-29-6	Aroclor-1248	0.25	U
11104-28-2	Aroclor-1221	0.25	U	11097-69-1	Aroclor-1254	0.25	U
11141-16-5	Aroclor-1232	0.25	U	11096-82-5	Aroclor-1260	0.25	U
53469-21-9	Aroclor-1242	0.25	U				

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

Quantitation Report (QT Reviewed)

Data Path : G:\Gcdata\2013\GC_3\Data\08-28-13\
Data File : 3G78579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2013 17:44
Operator : MS
Sample : WMB26017
Misc : A,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 28 17:59:05 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

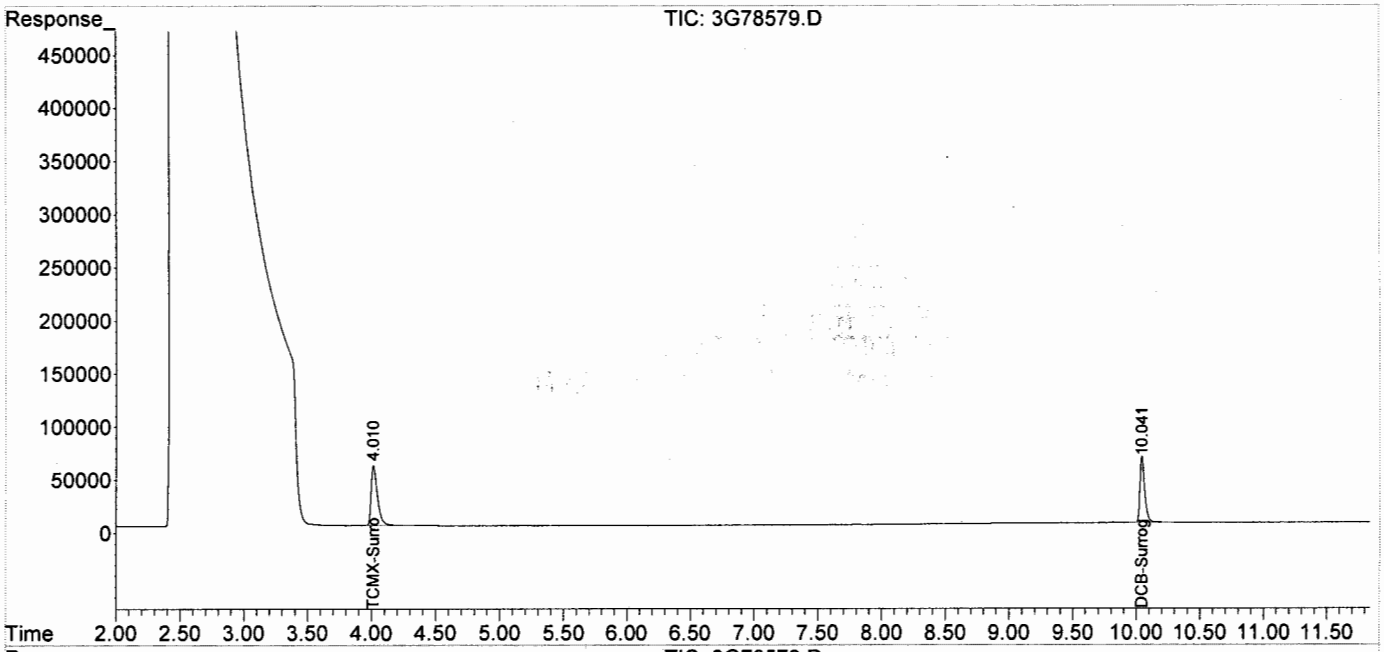
Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.010	3.979	1986619	3060531	104.255	106.176
45)DCB-Surrogate	10.042	10.707	1639556	2618332	105.460	102.153

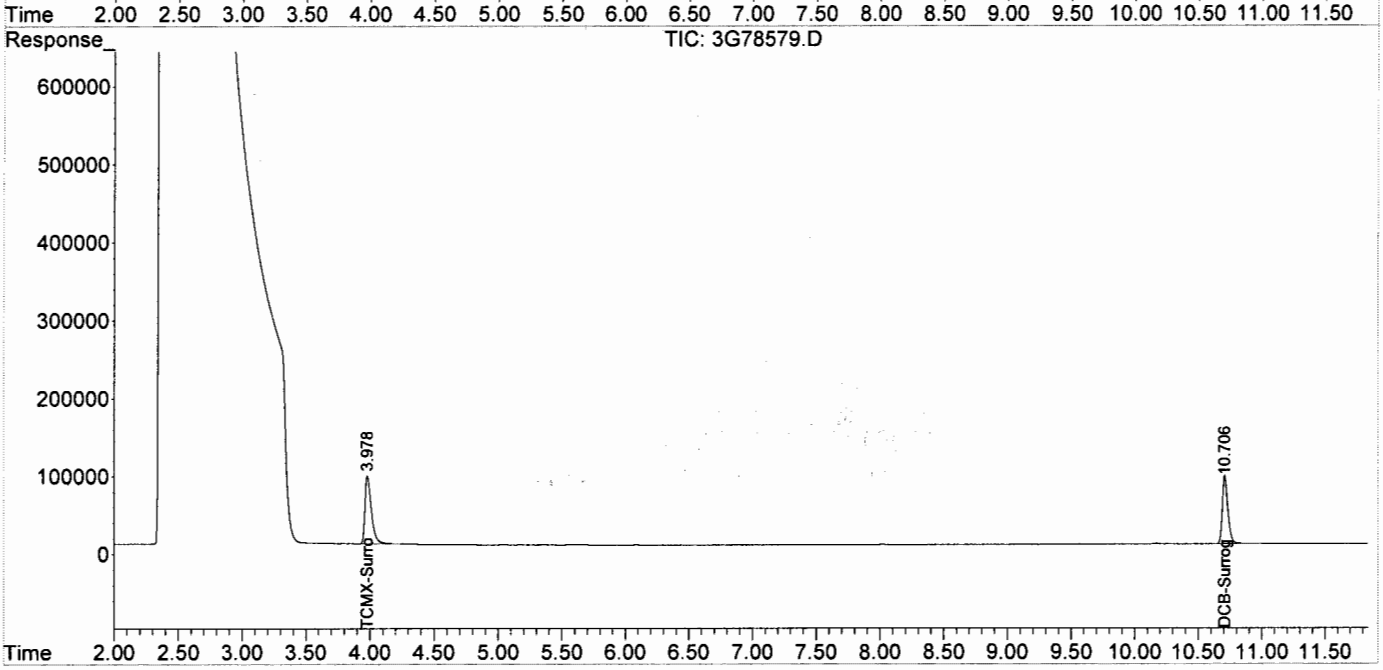
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : G:\Gcdata\2013\GC_3\Data\08-28-13\
Data File : 3G78579.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 28 Aug 2013 17:44
Operator : MS
Sample : WMB26017
Misc : A,PCB
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 28 17:59:05 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Form1

ORGANICS PCB REPORT

Sample Number: SMB26020
Client Id:
Data File: 3G78597.D
Analysis Date: 08/29/13 09:36
Date Rec/Extracted: NA-08/28/13
Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Method: EPA 8082
Matrix: Soil
Initial Vol: 20g
Final Vol: 10ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
12674-11-2	Aroclor-1016	0.025	U	12672-29-6	Aroclor-1248	0.025	U
11104-28-2	Aroclor-1221	0.025	U	11097-69-1	Aroclor-1254	0.025	U
11141-16-5	Aroclor-1232	0.025	U	11096-82-5	Aroclor-1260	0.025	U
53469-21-9	Aroclor-1242	0.025	U				

Worksheet #: 275168

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used

3082608 0056

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78597.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 9:36
Operator : MS
Sample : SMB26020
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:54:44 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	pg#1	pg#2
Target Compounds						
1)TCMX-Surrogate	4.012	3.977	1692295	2859974	88.810	99.218
45)DCB-Surrogate	10.047	10.710	1912147	3102254	122.994	120.723

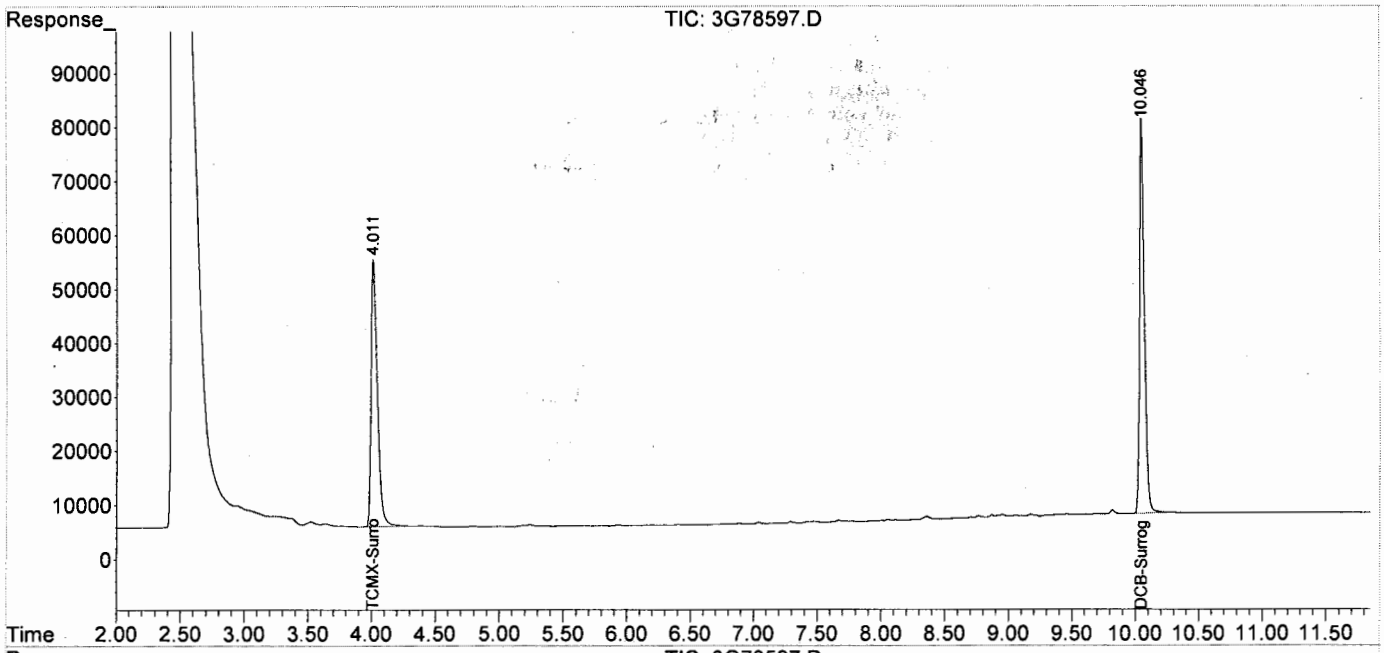
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

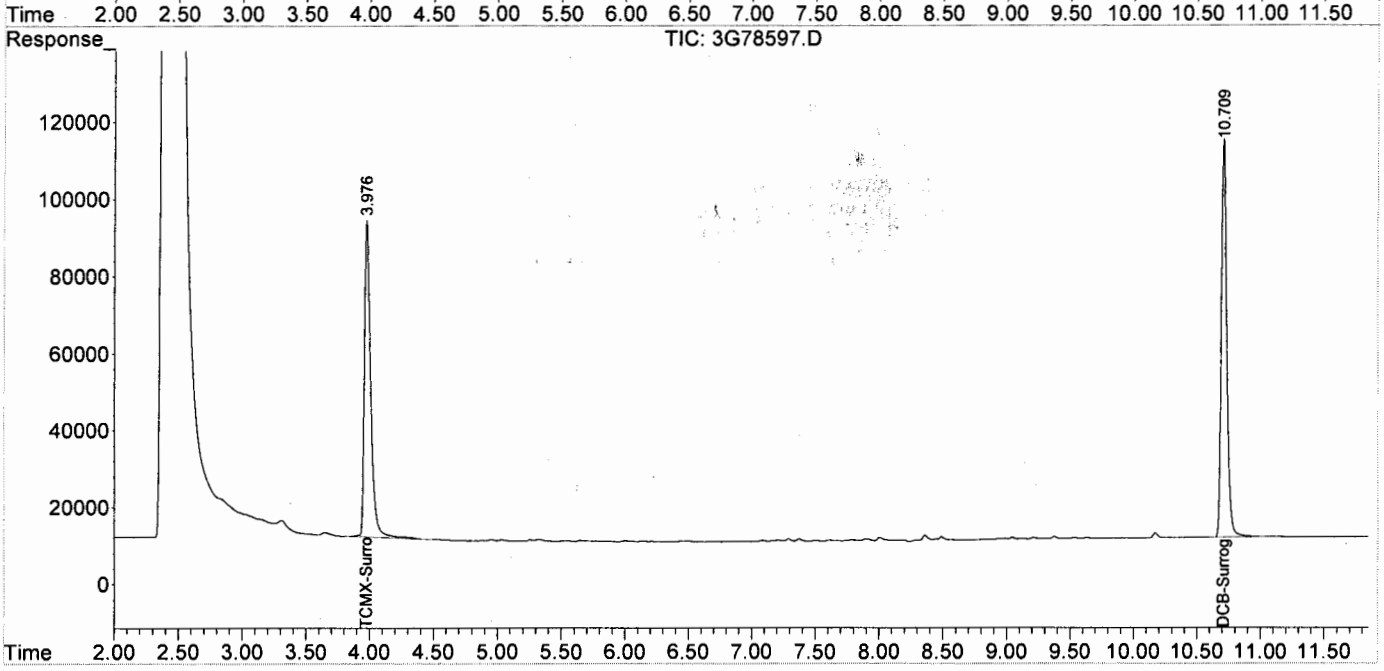
3082608 0057

Data Path : G:\Gcdata\2013\GC_3\Data\08-29-13\
Data File : 3G78597.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2013 9:36
Operator : MS
Sample : SMB26020
Misc : S,PCB
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: AUTOINT1.E
Integration File signal 2: AUTOINT2.E
Quant Time: Aug 29 14:54:44 2013
Quant Method : G:\GCDATA\2013\GC_3\METHODQT\3G_C0826.M
Quant Title : @GC_3,ug,608,8082
QLast Update : Tue Aug 27 09:48:59 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





FORM2

Surrogate Recovery

Method: EPA 8082

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column2 S2 Recov	Column1 S3 Recov	Column2 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
3G78579.D	WMB26017	Aqueous	08/28/13 17:44	1		104	106	105	102		
3G78597.D	SMB26020	Soil	08/29/13 09:36	1		89	99	123	121		
5G47608.D	SMB26011	Soil	08/28/13 09:58	1		99	102	102	106		
3G78592.D	AC74208-001	Aqueous	08/28/13 21:03	1		101	99	125	122		
3G78599.D	AC74208-002	Soil	08/29/13 10:06	1		89	97	110	115		
3G78600.D	AC74208-003	Soil	08/29/13 10:21	1		93	99	118	119		
2G83630.D	AC74208-004(	Soil	08/29/13 14:01	10		112	111	173 *	172 *		
3G78601.D	AC74208-005	Soil	08/29/13 10:35	1		81	83	107	106		
3G78602.D	AC74208-006	Soil	08/29/13 10:50	1		88	92	111	117		
2G83627.D	AC74208-007	Soil	08/29/13 12:40	1		101	100	120	121		
3G78603.D	AC74208-008	Soil	08/29/13 11:05	1		97	100	119	119		
3G78604.D	AC74208-009	Soil	08/29/13 11:20	1		83	82	109	108		
2G83631.D	AC74208-010(	Soil	08/29/13 14:16	10		107	110	162 *	168 *		
3G78553.D	AC74238-001(	Soil	08/28/13 10:48	10		94	107	183 *	192 *		
3G78580.D	WMB26017(M	Aqueous	08/28/13 18:00	1		72	75	67	67		
3G78598.D	SMB26020(M	Soil	08/29/13 09:51	1		97	102	126	123		
5G47610.D	SMB26011(M	Soil	08/28/13 10:34	1		95	98	101	105		
5G47635.D	AC74238-001(	Soil	08/28/13 18:39	1		78	80	82	94		
5G47636.D	AC74238-001(	Soil	08/28/13 18:57	1		81	82	84	99		

Flags: SD=Surrogate diluted out
*=Surrogate out

Method: EPA 8082

Soil Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	37-141
S2=TCMX-Surrogate	100	37-141
S3=DCB-Surrogate	100	34-146
S4=DCB-Surrogate	100	34-146

Aqueous Limits

Compound	Spike Amt	Limits
S1=TCMX-Surrogate	100	39-132
S2=TCMX-Surrogate	100	39-132
S3=DCB-Surrogate	100	39-142
S4=DCB-Surrogate	100	39-142

Form3
Recovery Data
QC Batch: SMB26011

	Data File	Sample ID:	Analysis Date
Spike or Dup:	5G47610.D	SMB26011(MS)	8/28/2013 10:34:06 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8082 | Matrix: Soil | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Aroclor-1016 -Total	2	966.418	0	1000	97	30	163
Aroclor-1260 -Total	2	962.982	0	1000	96	25	166

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form3
Recovery Data
QC Batch: WMB26017

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3G78580.D	WMB26017(MS)	8/28/2013 6:00:00 PM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8082 | Matrix: Aqueous | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Aroclor-1016 -Total	2	855.704	0	1000	86	60	130
Aroclor-1260 -Total	2	935.082	0	1000	94	60	130

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form3
Recovery Data
QC Batch: SMB26020

	Data File	Sample ID:	Analysis Date
Spike or Dup:	3G78598.D	SMB26020(MS)	8/29/2013 9:51:00 AM
Non Spike(If applicable):			
Inst Blank(If applicable):			

Method: 8082 | Matrix: Soil | QC Type: MBS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Aroclor-1016 -Total	2	1058.838	0	1000	106	30	163
Aroclor-1260 -Total	2	1074.652	0	1000	107	25	166

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form3
Recovery Data
QC Batch: SMB26011

	Data File	Sample ID:	Analysis Date
Spike or Dup:	5G47635.D	AC74238-001(MS)	8/28/2013 6:39:27 PM
Non Spike(If applicable):	3G78553.D	AC74238-001(10X)	8/28/2013 10:48:00 AM
Inst Blank(If applicable):			

Method: 8082 Matrix: Soil QC Type: MS

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Aroclor-1016 -Total	2	964.75	0	1000	96	30	163
Aroclor-1260 -Total	2	5036.077	6721.38	1000	-170 *	25	166

	Data File	Sample ID:	Analysis Date
Spike or Dup:	5G47636.D	AC74238-001(MSD)	8/28/2013 6:57:15 PM
Non Spike(If applicable):	3G78553.D	AC74238-001(10X)	8/28/2013 10:48:00 AM
Inst Blank(If applicable):			

Method: 8082 Matrix: Soil QC Type: MSD

Analyte:	Col	Spike Conc	Sample Conc	Expected Conc	Recovery	Lower Limit	Upper Limit
Aroclor-1016 -Total	2	964.38	0	1000	96	30	163
Aroclor-1260 -Total	2	7584.716	6721.38	1000	86	25	166

* - Indicates outside of limits # - Indicates outside of standard limits but within method exceedance limits

Form3
RPD DATA

QC Batch: SMB26011

	Data File	Sample ID:	Analysis Date
Spike or Dup:	5G47636.D	AC74238-001(MSD)	8/28/2013 6:57:15 PM
Duplicate(If applicable):	5G47635.D	AC74238-001(MS)	8/28/2013 6:39:27 PM
Inst Blank(If applicable):			

Method: 8082 Matrix: Soil QC Type: MSD

Analyte:	Column	Dup/MSD/MBSD Conc	Sample/MS/MBS Conc	RPD	Limit
Aroclor-1016 -Total	2	964.38	964.75	0.04	40
Aroclor-1260 -Total	2	7584.716	5036.077	40 *	37

* - Indicates outside of limits NA - Both concentrations=0... no result can be calculated

FORM 4
Blank Summary

Blank Number: SMB26011
Blank Data File: 5G47608.D
Matrix: Soil

Blank Analysis Date: 08/28/13 09:58
Blank Extraction Date: 08/27/13
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC74238-001(MSD	5G47636.D	08/28/13 18:57
AC74238-001(MS)	5G47635.D	08/28/13 18:39
SMB26011(MS)	5G47610.D	08/28/13 10:34
AC74238-001(10X)	3G78553.D	08/28/13 10:48

FORM 4
Blank Summary

Blank Number: WMB26017
Blank Data File: 3G78579.D
Matrix: Aqueous

Blank Analysis Date: 08/28/13 17:44
Blank Extraction Date: 08/28/13
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC74208-001	3G78592.D	08/28/13 21:03
WMB26017(MS)	3G78580.D	08/28/13 18:00

FORM 4
Blank Summary

Blank Number: SMB26020
Blank Data File: 3G78597.D
Matrix: Soil

Blank Analysis Date: 08/29/13 09:36
Blank Extraction Date: 08/28/13
(If Applicable)
Method: EPA 8082

Sample Number	Data File	Analysis Date
AC74208-002	3G78599.D	08/29/13 10:06
AC74208-003	3G78600.D	08/29/13 10:21
AC74208-004(10X)	2G83630.D	08/29/13 14:01
AC74208-005	3G78601.D	08/29/13 10:35
AC74208-006	3G78602.D	08/29/13 10:50
AC74208-007	2G83627.D	08/29/13 12:40
AC74208-008	3G78603.D	08/29/13 11:05
AC74208-009	3G78604.D	08/29/13 11:20
AC74208-010(10X)	2G83631.D	08/29/13 14:16
SMB26020(MS)	3G78598.D	08/29/13 09:51

Form 5

Method: EPA 8082

Instrument: GC_5 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G47332.D	2000	08/13/13 08:52	Aqueous					
5G47333.D	CAL 1660@50PPB	08/13/13 09:32	Soil	5G47333.	13.3031	0	13.6777	0
5G47334.D	CAL 1660@200PPB	08/13/13 09:50	Soil	5G47333.	13.2979	0.0391	13.6771	0.0044
5G47335.D	CAL 1660@500PPB	08/13/13 10:08	Soil	5G47333.	13.2970	0.0459	13.6767	0.0073
5G47336.D	CAL 1660@1000PPB	08/13/13 10:25	Soil	5G47333.	13.2954	0.0579	13.6774	0.0022
5G47337.D	CAL 1660@2000PPB	08/13/13 10:43	Soil	5G47333.	13.2937	0.0707	13.6751	0.019
5G47338.D	CAL 1660@4000PPB	08/13/13 11:01	Soil	5G47333.	13.2943	0.0662	13.6757	0.0146
5G47339.D	CAL 3268@500PPB	08/13/13 11:19	Soil	5G47333.	13.2947	0.0632	13.6748	0.0212
5G47340.D	CAL 1242@500PPB	08/13/13 11:37	Soil	5G47333.	13.2943	0.0662	13.6761	0.0117
5G47341.D	CAL 1248@500PPB	08/13/13 11:54	Soil	5G47333.	13.2954	0.0579	13.6768	0.0066
5G47342.D	CAL 2154@500PPB	08/13/13 12:12	Soil	5G47333.	13.2942	0.0669	13.6748	0.0212
5G47343.D	CAL 1262@500PPB	08/13/13 12:30	Soil	5G47333.	13.2935	0.0722	13.6746	0.0227
5G47344.D	ICV	08/13/13 12:48	Soil	5G47333.	13.2942	0.0669	13.6760	0.0124
5G47345.D	AC73948-004(10X)	08/13/13 13:06	Soil	5G47333.	13.2907	0.0933	13.6734	0.0314
5G47346.D	AC73948-005(10X)	08/13/13 13:23	Soil	5G47333.	13.2922	0.082	13.6725	0.038
5G47347.D	AC73948-006(10X)	08/13/13 13:41	Soil	5G47333.	13.2933	0.0737	13.6751	0.019
5G47348.D	AC73948-007(10X)	08/13/13 13:59	Soil	5G47333.	13.2937	0.0707	13.6745	0.0234
5G47349.D	AC73948-008(10X)	08/13/13 14:17	Soil	5G47333.	13.2930	0.0759	13.6747	0.0219
5G47350.D	AC73948-009(10X)	08/13/13 14:35	Soil	5G47333.	13.2927	0.0782	13.6732	0.0329
5G47351.D	AC73948-011(10X)	08/13/13 14:53	Soil	5G47333.	13.2919	0.0842	13.6746	0.0227
5G47352.D	AC73948-012(10X)	08/13/13 15:09	Soil	5G47333.	13.2898	0.1	13.6699	0.057
5G47353.D	AC73948-005(100X)	08/13/13 15:27	Soil	5G47333.	0.0000	200 *	0.0000	200 *
5G47354.D	SMB25877	08/13/13 15:45	Soil	5G47333.	13.2930	0.0759	13.6745	0.0234
5G47355.D	CAL 1660@1000PPB	08/13/13 16:03	Soil	5G47333.	13.2935	0.0722	13.6753	0.0176
5G47356.D	WMB25881(MS)	08/13/13 16:23	Aqueous	5G47355.	13.2959	0.0181	13.6762	0.0066
5G47357.D	SMB25877(MS)	08/13/13 16:41	Soil	5G47355.	13.2933	0.0015	13.6737	0.0117
5G47358.D	AC73948-006(MS)	08/13/13 16:59	Soil	5G47355.	13.2937	0.0015	13.6753	0
5G47359.D	AC73948-006(MSD)	08/13/13 17:16	Soil	5G47355.	13.2930	0.0038	13.6740	0.0095
5G47360.D	AC73921-001	08/13/13 17:34	Soil	5G47355.	13.2926	0.0068	13.6731	0.0161
5G47361.D	AC73908-002	08/13/13 17:52	Soil	5G47355.	13.2915	0.015	13.6730	0.0168
5G47362.D	AC73908-004	08/13/13 18:10	Soil	5G47355.	13.2930	0.0038	13.6750	0.0022
5G47363.D	AC73908-006	08/13/13 18:28	Soil	5G47355.	13.2941	0.0045	13.6757	0.0029
5G47364.D	AC73888-002	08/13/13 18:45	Soil	5G47355.	13.2930	0.0038	13.6748	0.0037
5G47365.D	AC73888-006	08/13/13 19:03	Soil	5G47355.	13.2934	0.0008	13.6753	0
5G47366.D	SMB25879	08/13/13 19:21	Soil	5G47355.	13.2938	0.0023	13.6739	0.0102
5G47367.D	SMB25879(MS)	08/13/13 19:39	Soil	5G47355.	13.2932	0.0023	13.6738	0.011
5G47368.D	AC73947-001(MS)	08/13/13 19:57	Soil	5G47355.	13.2929	0.0045	13.6743	0.0073
5G47369.D	AC73947-001(MSD)	08/13/13 20:14	Soil	5G47355.	13.2936	0.0008	13.6757	0.0029
5G47370.D	AC73947-001	08/13/13 20:32	Soil	5G47355.	13.2931	0.003	13.6751	0.0015
5G47371.D	AC73929-002	08/13/13 20:50	Soil	5G47355.	13.2917	0.0135	13.6734	0.0139
5G47372.D	AC73929-004	08/13/13 21:08	Soil	5G47355.	13.2923	0.009	13.6749	0.0029
5G47373.D	CAL 1660@1000PPB	08/13/13 21:26	Soil	5G47355.	13.2927	0.006	13.6744	0.0066
5G47374.D	2000PPB	08/13/13 21:43	Soil	5G47373.	13.2939	0.009	13.6757	0.0095

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082
Instrument: GC_3

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G78507.D	BLK	08/26/13 16:40	Soil					
3G78508.D	BLK	08/26/13 16:56	Soil					
3G78509.D	BLK	08/26/13 17:11	Soil					
3G78510.D	BLK	08/26/13 17:26	Soil					
3G78511.D	CAL 1660@50PPB	08/26/13 17:42	Soil	3G78511.	10.0431	0	10.7063	0
3G78512.D	CAL 1660@200PPB	08/26/13 17:57	Soil	3G78511.	10.0431	0	10.7067	0.0037
3G78513.D	CAL 1660@500PPB	08/26/13 18:12	Soil	3G78511.	10.0429	0.002	10.7087	0.0224
3G78514.D	CAL 1660@1000PPB	08/26/13 18:28	Soil	3G78511.	10.0420	0.011	10.7071	0.0075
3G78515.D	CAL 1660@2000PPB	08/26/13 18:43	Soil	3G78511.	10.0413	0.0179	10.7077	0.0131
3G78516.D	CAL 1660@4000PPB	08/26/13 18:58	Soil	3G78511.	10.0409	0.0219	10.7071	0.0075
3G78517.D	CAL 3268@500PPB	08/26/13 19:14	Soil	3G78511.	10.0412	0.0189	10.7070	0.0065
3G78518.D	CAL 1242@500PPB	08/26/13 19:29	Soil	3G78511.	10.0422	0.009	10.7076	0.0121
3G78519.D	CAL 1248@500PPB	08/26/13 19:44	Soil	3G78511.	10.0423	0.008	10.7073	0.0093
3G78520.D	CAL 2154@500PPB	08/26/13 20:00	Soil	3G78511.	10.0427	0.004	10.7083	0.0187
3G78521.D	CAL 1262@500PPB	08/26/13 20:15	Soil	3G78511.	10.0418	0.013	10.7077	0.0131
3G78522.D	ICV	08/26/13 20:30	Soil	3G78511.	10.0418	0.013	10.7084	0.0196
3G78523.D	DDT CS	08/26/13 20:46	Soil	3G78511.	0.0000	200 *	0.0000	200 *

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_2

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G83564.D	DDT C S	08/27/13 10:24	Aqueous					
2G83565.D	CAL 3268@500PPB	08/27/13 10:39	Aqueous	2G83570.	10.2193	0.0949	11.0386	0.0353
2G83566.D	CAL 1242@500PPB	08/27/13 10:54	Aqueous	2G83570.	10.2219	0.0694	11.0402	0.0208
2G83567.D	CAL 1248@500PPB	08/27/13 11:09	Aqueous	2G83570.	10.2220	0.0685	11.0411	0.0127
2G83568.D	CAL 2154@500PPB	08/27/13 11:24	Aqueous	2G83570.	10.2205	0.0831	11.0410	0.0136
2G83569.D	CAL 1262@500PPB	08/27/13 11:40	Aqueous	2G83570.	10.2214	0.0743	11.0406	0.0172
2G83570.D	CAL 1660@50PPB	08/27/13 12:04	Aqueous	2G83570.	10.2290	0	11.0425	0
2G83571.D	CAL 1660@200PPB	08/27/13 12:19	Aqueous	2G83570.	10.2220	0.0685	11.0405	0.0181
2G83572.D	CAL 1660@500PPB	08/27/13 12:34	Aqueous	2G83570.	10.2201	0.087	11.0398	0.0245
2G83573.D	CAL 1660@1000PPB	08/27/13 12:49	Aqueous	2G83570.	10.2199	0.089	11.0404	0.019
2G83574.D	CAL 1660@2000PPB	08/27/13 13:04	Aqueous	2G83570.	10.2185	0.1027	11.0400	0.0226
2G83575.D	CAL 1660@4000PPB	08/27/13 13:19	Aqueous	2G83570.	10.2184	0.1037	11.0388	0.0335
2G83576.D	ICV	08/27/13 13:34	Aqueous	2G83570.	10.2197	0.091	11.0398	0.0245
2G83577.D	AC74212-011(10X)	08/27/13 13:52	Soil	2G83570.	10.2218	0.0704	11.0419	0.0054
2G83578.D	AC74212-012(10X)	08/27/13 14:07	Soil	2G83570.	10.2199	0.089	11.0386	0.0353
2G83579.D	AC74212-016	08/27/13 14:23	Aqueous	2G83570.	10.2190	0.0978	11.0400	0.0226
2G83580.D	AC74212-017	08/27/13 14:38	Aqueous	2G83570.	10.2186	0.1017	11.0392	0.0299
2G83581.D	AC74211-001	08/27/13 15:07	Soil	2G83570.	10.2235	0.0538	11.0389	0.0326
2G83582.D	AC74211-002	08/27/13 15:22	Soil	2G83570.	10.2194	0.0939	11.0405	0.0181
2G83583.D	AC74211-003	08/27/13 15:37	Soil	2G83570.	10.2181	0.1066	11.0392	0.0299
2G83584.D	AC74211-004	08/27/13 15:52	Soil	2G83570.	10.2169	0.1184	11.0393	0.029
2G83585.D	CAL 1660@2000PPB	08/27/13 16:08	Soil	2G83570.	10.2187	0.1007	11.0397	0.0254
2G83586.D	WMB26007	08/27/13 17:42	Aqueous	2G83585.	10.2272	0.0831	11.0403	0.0054
2G83587.D	WMB26007(MS)	08/27/13 17:57	Aqueous	2G83585.	10.2194	0.0068	11.0387	0.0091
2G83588.D	AC74131-004	08/27/13 18:12	Aqueous	2G83585.	10.2174	0.0127	11.0374	0.0208
2G83589.D	AC74123-004(R)	08/27/13 18:27	Aqueous	2G83585.	10.2194	0.0068	11.0399	0.0018
2G83590.D	AC74123-007(R)	08/27/13 18:42	Aqueous	2G83585.	10.2183	0.0039	11.0383	0.0127
2G83591.D	AC74085-002	08/27/13 18:57	Soil	2G83585.	10.2210	0.0225	11.0424	0.0245
2G83592.D	AC74085-003	08/27/13 19:13	Soil	2G83585.	10.2197	0.0098	11.0443	0.0417
2G83593.D	AC74109-005	08/27/13 19:28	Soil	2G83585.	10.2181	0.0059	11.0401	0.0036
2G83594.D	AC74109-006	08/27/13 19:43	Soil	2G83585.	10.2172	0.0147	11.0395	0.0018
2G83595.D	AC74109-001	08/27/13 19:58	Soil	2G83585.	10.2217	0.0293	11.0428	0.0281
2G83596.D	AC74109-002	08/27/13 20:13	Soil	2G83585.	10.2177	0.0098	11.0410	0.0118
2G83597.D	CAL 1660@2000PPB	08/27/13 20:28	Soil	2G83585.	10.2182	0.0049	11.0397	0
2G83598.D	2000PPB	08/27/13 20:43	Soil	2G83597.	10.2177	0.0049	11.0394	0.0027

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_5

Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
5G47606.D	CAL 1660@500PPB	08/28/13 09:20	Soil	5G47606.	13.2960	0	13.6694	0
5G47607.D	SMB26010	08/28/13 09:40	Soil	5G47606.	13.2927	0.0248	13.6691	0.0022
5G47608.D	SMB26011	08/28/13 09:58	Soil	5G47606.	13.2898	0.0466	13.6695	0.0007
5G47609.D	SMB26010(MS)	08/28/13 10:16	Soil	5G47606.	13.2892	0.0512	13.6704	0.0073
5G47610.D	SMB26011(MS)	08/28/13 10:34	Soil	5G47606.	13.2897	0.0474	13.6708	0.0102
5G47611.D	AC74231-008	08/28/13 10:51	Soil	5G47606.	0.0000	200*	13.6725	0.0227
5G47612.D	AC74231-009	08/28/13 11:09	Soil	5G47606.	0.0000	200*	0.0000	200*
5G47613.D	AC74231-008(50X)	08/28/13 11:46	Soil	5G47606.	0.0000	200*	0.0000	200*
5G47614.D	AC74231-009(50X)	08/28/13 12:04	Soil	5G47606.	0.0000	200*	0.0000	200*
5G47615.D	AC74231-010(50X)	08/28/13 12:22	Soil	5G47606.	0.0000	200*	0.0000	200*
5G47616.D	AC74231-011(50X)	08/28/13 12:40	Soil	5G47606.	0.0000	200*	0.0000	200*
5G47617.D	AC74231-012(50X)	08/28/13 12:58	Soil	5G47606.	13.2914	0.0346	13.6694	0
5G47618.D	AC74231-012	08/28/13 13:16	Soil	5G47606.	13.2882	0.0587	13.6682	0.0088
5G47619.D	CAL 1660@500PPB	08/28/13 13:34	Soil	5G47606.	13.2865	0.0715	13.6681	0.0095
5G47620.D	AC74231-001	08/28/13 13:55	Soil	5G47619.	13.2899	0.0256	13.6680	0.0007
5G47621.D	AC74231-002	08/28/13 14:13	Soil	5G47619.	0.0000	200*	0.0000	200*
5G47622.D	AC74231-005	08/28/13 14:30	Soil	5G47619.	13.2901	0.0271	13.6688	0.0051
5G47623.D	AC74231-006	08/28/13 14:48	Soil	5G47619.	13.2873	0.006	13.6677	0.0029
5G47624.D	AC74238-006	08/28/13 15:06	Aqueous	5G47619.	13.2881	0.012	13.6688	0.0051
5G47625.D	AC74238-017	08/28/13 15:24	Aqueous	5G47619.	13.2873	0.006	13.6681	0
5G47626.D	AC74231-005	08/28/13 15:41	Soil	5G47619.	13.2886	0.0158	13.6707	0.019
5G47627.D	AC74231-002(50X)	08/28/13 15:59	Soil	5G47619.	0.0000	200*	0.0000	200*
5G47628.D	AC74231-003(50X)	08/28/13 16:17	Soil	5G47619.	0.0000	200*	0.0000	200*
5G47629.D	AC74231-004(50X)	08/28/13 16:35	Soil	5G47619.	0.0000	200*	0.0000	200*
5G47630.D	AC74231-007(50X)	08/28/13 16:53	Soil	5G47619.	0.0000	200*	0.0000	200*
5G47631.D	AC74231-006(10X)	08/28/13 17:10	Soil	5G47619.	13.2887	0.0166	13.6668	0.0095
5G47632.D	CAL 1660@500PPB	08/28/13 17:28	Soil	5G47619.	13.2877	0.009	13.6692	0.008
5G47633.D	AC74231-001(MS)	08/28/13 18:03	Soil	5G47632.	13.2920	0.0324	13.6680	0.0088
5G47634.D	AC74231-001(MSD)	08/28/13 18:21	Soil	5G47632.	13.2878	0.0008	13.6668	0.0176
5G47635.D	AC74238-001(MS)	08/28/13 18:39	Soil	5G47632.	13.2879	0.0015	13.6678	0.0102
5G47636.D	AC74238-001(MSD)	08/28/13 18:57	Soil	5G47632.	13.2875	0.0015	13.6684	0.0059
5G47637.D	500	08/28/13 19:15	Soil	5G47632.	13.2891	0.0105	13.6686	0.0044
5G47638.D	CAL 1660@500PPB	08/28/13 19:32	Soil	5G47632.	13.2890	0.0098	13.6695	0.0022

Drift Compound: DCB-Surrogate

Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph)

* Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_3 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G78549.D	CAL 1660@1000PPB	08/28/13 09:45	Soil	3G78549.	10.0429	0	10.7079	0
3G78550.D	AC74160-001	08/28/13 10:00	Aqueous	3G78549.	10.0410	0.0189	10.7072	0.0065
3G78551.D	AC74101-021	08/28/13 10:17	Soil	3G78549.	10.0460	0.0309	10.7079	0
3G78552.D	AC74101-022	08/28/13 10:32	Soil	3G78549.	10.0398	0.0309	10.7066	0.0121
3G78553.D	AC74238-001(10X)	08/28/13 10:48	Soil	3G78549.	10.0413	0.0159	10.7068	0.0103
3G78554.D	AC74238-002(10X)	08/28/13 11:03	Soil	3G78549.	10.0434	0.005	10.7069	0.0093
3G78555.D	AC73860-003	08/28/13 11:20	Soil	3G78549.	10.0473	0.0438	10.7121	0.0392
3G78556.D	AC73860-005(5X)	08/28/13 11:35	Soil	3G78549.	10.0458	0.0289	10.7126	0.0439
3G78557.D	AC74101-040	08/28/13 11:50	Soil	3G78549.	10.0440	0.0109	10.7111	0.0299
3G78558.D	AC74101-016(5X)	08/28/13 12:06	Soil	3G78549.	10.0460	0.0309	10.7117	0.0355
3G78559.D	AC74101-033(1000X)	08/28/13 12:21	Soil	3G78549.	0.0000	200*	0.0000	200*
3G78560.D	AC74101-007	08/28/13 12:36	Soil	3G78549.	10.0470	0.0408	10.7132	0.0495
3G78561.D	AC74101-010	08/28/13 12:52	Soil	3G78549.	10.0452	0.0229	10.7128	0.0457
3G78562.D	AC74101-033(100X)	08/28/13 13:09	Soil	3G78549.	0.0000	200*	0.0000	200*
3G78563.D	CAL 1660@2000PPB	08/28/13 13:24	Soil	3G78549.	10.0471	0.0418	10.7110	0.029
3G78564.D	AC74231-008(50X)	08/28/13 13:42	Soil	3G78563.	10.0521	0.0498	10.7124	0.0131
3G78565.D	AC74238-003(10X)	08/28/13 13:58	Soil	3G78563.	10.0491	0.0199	10.7129	0.0177
3G78566.D	AC74238-004(10X)	08/28/13 14:13	Soil	3G78563.	10.0481	0.01	10.7128	0.0168
3G78567.D	AC74238-005(10X)	08/28/13 14:29	Soil	3G78563.	10.0477	0.006	10.7115	0.0047
3G78568.D	AC74238-007(10X)	08/28/13 14:44	Soil	3G78563.	10.0490	0.0189	10.7117	0.0065
3G78569.D	AC74238-008(10X)	08/28/13 14:59	Soil	3G78563.	10.0480	0.009	10.7123	0.0121
3G78570.D	AC74238-009(10X)	08/28/13 15:15	Soil	3G78563.	10.0479	0.008	10.7120	0.0093
3G78571.D	AC74238-010(10X)	08/28/13 15:30	Soil	3G78563.	10.0468	0.003	10.7109	0.0009
3G78572.D	AC74238-011(10X)	08/28/13 15:46	Soil	3G78563.	10.0452	0.0189	10.7121	0.0103
3G78573.D	AC74238-012(10X)	08/28/13 16:01	Soil	3G78563.	10.0469	0.002	10.7116	0.0056
3G78574.D	AC74238-013(10X)	08/28/13 16:16	Soil	3G78563.	10.0467	0.004	10.7107	0.0028
3G78575.D	AC74238-014(10X)	08/28/13 16:32	Soil	3G78563.	10.0477	0.006	10.7117	0.0065
3G78576.D	AC74238-015(10X)	08/28/13 16:47	Soil	3G78563.	10.0471	0	10.7122	0.0112
3G78577.D	AC74238-016(10X)	08/28/13 17:02	Soil	3G78563.	10.0459	0.0119	10.7087	0.0215
3G78578.D	CAL 1660@2000PPB	08/28/13 17:29	Soil	3G78563.	10.0452	0.0189	10.7091	0.0177
3G78579.D	WMB26017	08/28/13 17:44	Aqueous	3G78578.	10.0419	0.0329	10.7072	0.0177
3G78580.D	WMB26017(MS)	08/28/13 18:00	Aqueous	3G78578.	10.0418	0.0339	10.7078	0.0121
3G78581.D	AC74172-009(MS:AC74	08/28/13 18:15	Aqueous	3G78578.	10.0411	0.0408	10.7076	0.014
3G78582.D	AC74172-010(MSD:AC7	08/28/13 18:30	Aqueous	3G78578.	10.0396	0.0558	10.7072	0.0177
3G78583.D	AC74172-002(R)	08/28/13 18:46	Aqueous	3G78578.	10.0414	0.0378	10.7069	0.0205
3G78584.D	AC74172-004	08/28/13 19:01	Aqueous	3G78578.	10.0416	0.0358	10.7075	0.0149
3G78585.D	AC74172-005	08/28/13 19:16	Aqueous	3G78578.	10.0411	0.0408	10.7079	0.0112
3G78586.D	AC74172-006	08/28/13 19:31	Aqueous	3G78578.	10.0407	0.0448	10.7069	0.0205
3G78587.D	AC74172-007	08/28/13 19:47	Aqueous	3G78578.	10.0415	0.0368	10.7074	0.0159
3G78588.D	AC74172-008	08/28/13 20:02	Aqueous	3G78578.	10.0403	0.0488	10.7078	0.0121
3G78589.D	AC74172-011	08/28/13 20:17	Aqueous	3G78578.	10.0406	0.0458	10.7076	0.014
3G78590.D	AC74172-012	08/28/13 20:33	Aqueous	3G78578.	10.0412	0.0398	10.7063	0.0261
3G78591.D	AC74172-013	08/28/13 20:48	Aqueous	3G78578.	10.0413	0.0388	10.7079	0.0112
3G78592.D	AC74208-001	08/28/13 21:03	Aqueous	3G78578.	10.0412	0.0398	10.7072	0.0177
3G78593.D	AC74195-007	08/28/13 21:18	Aqueous	3G78578.	10.0395	0.0568	10.7075	0.0149
3G78594.D	1000PPB	08/28/13 21:34	Aqueous	3G78578.	10.0409	0.0428	10.7074	0.0159
3G78595.D	CAL 1660@2000PPB	08/28/13 21:49	Aqueous	3G78578.	10.0414	0.0378	10.7074	0.0159

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_3 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
3G78596.D	CAL 1660@2000PPB	08/29/13 09:14	Aqueous	3G78596.	10.0444	0	10.7091	0
3G78597.D	SMB26020	08/29/13 09:36	Soil	3G78596.	10.0470	0.0259	10.7101	0.0093
3G78598.D	SMB26020(MS)	08/29/13 09:51	Soil	3G78596.	10.0409	0.0349	10.7073	0.0168
3G78599.D	AC74208-002	08/29/13 10:06	Soil	3G78596.	10.0396	0.0478	10.7081	0.0093
3G78600.D	AC74208-003	08/29/13 10:21	Soil	3G78596.	10.0400	0.0438	10.7070	0.0196
3G78601.D	AC74208-005	08/29/13 10:35	Soil	3G78596.	10.0400	0.0438	10.7085	0.0056
3G78602.D	AC74208-006	08/29/13 10:50	Soil	3G78596.	10.0400	0.0438	10.7089	0.0019
3G78603.D	AC74208-008	08/29/13 11:05	Soil	3G78596.	10.0409	0.0349	10.7084	0.0065
3G78604.D	AC74208-009	08/29/13 11:20	Soil	3G78596.	10.0411	0.0329	10.7087	0.0037
3G78605.D	AC74172-008	08/29/13 11:35	Aqueous	3G78596.	10.0406	0.0378	10.7081	0.0093
3G78606.D	AC74277-006	08/29/13 11:50	Aqueous	3G78596.	10.0397	0.0468	10.7080	0.0103
3G78607.D	AC74277-007	08/29/13 12:04	Aqueous	3G78596.	10.0404	0.0398	10.7081	0.0093
3G78608.D	CAL 1660@2000PPB	08/29/13 12:19	Aqueous	3G78596.	10.0402	0.0418	10.7078	0.0121
3G78609.D	WMB26025	08/29/13 12:34	Aqueous	3G78608.	10.0410	0.008	10.7085	0.0065
3G78610.D	WMB26025(MS)	08/29/13 12:49	Aqueous	3G78608.	10.0413	0.011	10.7083	0.0047
3G78611.D	CAL 1660@2000PPB	08/29/13 13:11	Aqueous	3G78608.	10.0473	0.0707	10.7111	0.0308
3G78612.D	AC74277-001	08/29/13 14:17	Soil	3G78611.	10.0505	0.0318	10.7134	0.0215
3G78613.D	AC74277-002	08/29/13 14:31	Soil	3G78611.	10.0417	0.0558	10.7093	0.0168
3G78614.D	AC74277-004	08/29/13 14:46	Soil	3G78611.	10.0408	0.0647	10.7082	0.0271
3G78615.D	AC74277-005	08/29/13 15:01	Soil	3G78611.	10.0406	0.0667	10.7083	0.0261
3G78616.D	CAL 1660@2000PPB	08/29/13 15:16	Soil	3G78611.	10.0422	0.0508	10.7084	0.0252

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

Form 5

Method: EPA 8082

Instrument: GC_2 Column: DB-17/1701P 30M 0.32mm ID 0.25um film

Data File	Sample#	Analysis Date/Time	Matrix	Reference File	Column 1 RT	Column 1 % Drift	Column 2 RT	Column 2 % Drift
2G83623.D	CAL 1660@2000PPB	08/29/13 11:36	Soil	2G83623.	10.2105	0	11.0334	0
2G83624.D	AC74195-007	08/29/13 11:54	Aqueous	2G83623.	10.2149	0.0431	11.0363	0.0263
2G83625.D	AC74220-001	08/29/13 12:09	Soil	2G83623.	10.2133	0.0274	11.0380	0.0417
2G83626.D	AC74208-004	08/29/13 12:24	Soil	2G83623.	10.2135	0.0294	11.0384	0.0453
2G83627.D	AC74208-007	08/29/13 12:40	Soil	2G83623.	10.2133	0.0274	11.0364	0.0272
2G83628.D	AC74208-010	08/29/13 12:55	Soil	2G83623.	10.2155	0.049	11.0407	0.0661
2G83629.D	CAL 1660@2000PPB	08/29/13 13:27	Soil	2G83623.	10.2203	0.0959	11.0367	0.0299
2G83630.D	AC74208-004(10X)	08/29/13 14:01	Soil	2G83629.	10.2223	0.0196	11.0380	0.0118
2G83631.D	AC74208-010(10X)	08/29/13 14:16	Soil	2G83629.	10.2159	0.0431	11.0373	0.0054
2G83632.D	AC74230-001	08/29/13 14:31	Soil	2G83629.	10.2150	0.0519	11.0376	0.0081
2G83633.D	AC74230-002	08/29/13 14:46	Soil	2G83629.	10.2125	0.0763	11.0360	0.0063
2G83634.D	CAL 1660@2000PPB	08/29/13 15:02	Soil	2G83629.	10.2154	0.048	11.0379	0.0109
2G83635.D	SMB26022	08/29/13 15:17	Soil	2G83634.	10.2160	0.0059	11.0387	0.0072
2G83636.D	SMB26022(MS)	08/29/13 15:32	Soil	2G83634.	10.2150	0.0039	11.0374	0.0045
2G83637.D	AC74086-011(MS)	08/29/13 15:47	Soil	2G83634.	10.2124	0.0294	11.0388	0.0082
2G83638.D	AC74086-011(MSD)	08/29/13 16:02	Soil	2G83634.	10.2126	0.0274	11.0382	0.0027
2G83639.D	AC74228-002	08/29/13 16:17	Soil	2G83634.	10.2143	0.0108	11.0377	0.0018
2G83640.D	AC74086-011	08/29/13 16:32	Soil	2G83634.	10.2136	0.0176	11.0383	0.0036
2G83641.D	AC74228-001	08/29/13 16:47	Soil	2G83634.	10.2136	0.0176	11.0367	0.0109
2G83642.D	AC74113-005	08/29/13 17:02	Soil	2G83634.	10.2135	0.0186	11.0371	0.0072
2G83643.D	AC74126-001	08/29/13 17:18	Soil	2G83634.	10.2141	0.0127	11.0388	0.0082
2G83644.D	AC74228-004	08/29/13 17:33	Soil	2G83634.	10.2151	0.0029	11.0381	0.0018
2G83645.D	AC74113-007	08/29/13 17:48	Soil	2G83634.	10.2145	0.0088	11.0380	0.0009
2G83646.D	AC74228-003	08/29/13 18:03	Soil	2G83634.	10.2148	0.0059	11.0312	0.0607
2G83647.D	1000PPB	08/29/13 18:18	Soil	2G83634.	10.2148	0.0059	11.0374	0.0045
2G83648.D	CAL 1660@2000PPB	08/29/13 18:33	Soil	2G83634.	10.2121	0.0323	11.0371	0.0072

Drift Compound: DCB-Surrogate Drift Limit(s): 0.5 (Pest/Pcb) 1.5(Herb/Tph) * - Values outside of limits for this column/run

3082608 0074

Method: EPA 8082

Form 6
Initial Calibration

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G47333.	CAL 1660@50PPB	08/13/13 09:32	2	5G47334.	CAL 1660@200PPB	08/13/13 09:50
3	5G47335.	CAL 1660@500PPB	08/13/13 10:08	4	5G47336.	CAL 1660@1000PPB	08/13/13 10:25
5	5G47337.	CAL 1660@2000PPB	08/13/13 10:43	6	5G47338.	CAL 1660@4000PPB	08/13/13 11:01
7	5G47339.	CAL 3268@500PPB	08/13/13 11:19	8	5G47340.	CAL 1242@500PPB	08/13/13 11:37
9	5G47341.	CAL 1248@500PPB	08/13/13 11:54	10	5G47342.	CAL 2154@500PPB	08/13/13 12:12
11	5G47343.	CAL 1262@500PPB	08/13/13 12:30				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	7908.7	8045.2	7320.3	7065.4	6833.4	7545.2	----	----	7450	6.27	0.997	1.00	6.3	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	130.30	123.98	108.85	103.01	96.385	100.35	----	----	110	7.11	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	284.49	280.09	236.87	226.66	209.88	218.01	----	----	243	7.62	0.999	0.999	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Avg	536.57	527.92	483.65	457.09	452.73	485.02	----	----	491	8.22	0.999	1.00	7.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	236.44	224.79	192.71	187.79	179.80	189.21	----	----	202	8.38	0.999	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Avg	189.32	181.16	155.50	156.44	151.18	162.25	----	----	166	8.51	0.999	1.00	9.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	330.34	286.68	258.61	255.46	244.89	262.41	----	----	273	10.32	0.999	1.00	11	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Avg	382.15	345.60	313.81	332.01	318.62	354.21	----	----	341	10.59	0.997	1.00	7.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Qua	206.11	179.97	158.59	155.53	132.28	144.98	----	----	163	11.07	0.997	0.998	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Avg	238.18	235.21	220.72	226.48	227.63	254.85	----	----	234	11.38	0.997	1.00	5.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	399.14	416.07	370.26	386.76	385.15	443.31	----	----	400	12.10	0.995	1.00	6.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	80.6	6.81	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	50.1	7.02	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	159	7.11	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	130	7.11	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	106	7.62	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	220	8.22	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	91.9	8.38	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	75.1	8.51	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	112	7.11	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	189	7.62	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	395	8.22	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	133	8.51	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	174	8.94	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	97.7	7.62	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	253	8.22	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	160	8.62	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	279	8.94	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	246	9.05	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	374	10.16	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	173	10.32	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	218	10.46	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	187	10.58	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	144	10.85	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	301	10.58	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	235	12.02	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 9.47 Avg Rsd Col 2: 9.50

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0075

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G47333.	CAL 1660@50PPB	08/13/13 09:32	2	5G47334.	CAL 1660@200PPB	08/13/13 09:50
3	5G47335.	CAL 1660@500PPB	08/13/13 10:08	4	5G47336.	CAL 1660@1000PPB	08/13/13 10:25
5	5G47337.	CAL 1660@2000PPB	08/13/13 10:43	6	5G47338.	CAL 1660@4000PPB	08/13/13 11:01
7	5G47339.	CAL 3268@500PPB	08/13/13 11:19	8	5G47340.	CAL 1242@500PPB	08/13/13 11:37
9	5G47341.	CAL 1248@500PPB	08/13/13 11:54	10	5G47342.	CAL 2154@500PPB	08/13/13 12:12
11	5G47343.	CAL 1262@500PPB	08/13/13 12:30				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	537	12.08	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	252	12.77	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	79.8	13.10	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	73.8	11.36	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	79.7	11.69	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	669	12.25	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	203	12.34	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	1850	13.10	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Avg	5480.9	5104.2	4723.4	4891.4	4815.2	5567.7	----	----	5100	13.30	0.995	1.00	7.0	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	5841.0	5319.6	4905.5	4736.9	4610.1	4984.4	----	----	5070	6.21	0.998	1.00	8.9	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	93.237	84.954	74.513	70.006	65.196	63.621	----	----	75.3	7.16	1.00	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	205.81	189.12	166.13	156.72	146.93	152.38	----	----	170	7.72	0.999	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	320.30	268.64	239.55	225.10	208.11	215.89	----	----	246	8.21	0.999	1.00	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Avg	124.68	123.31	114.14	112.06	107.57	95.517	----	----	113	8.42	0.996	1.00	9.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Avg	167.53	157.65	144.98	142.26	137.44	147.01	----	----	149	8.60	0.999	1.00	7.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Avg	226.51	209.92	187.37	185.69	179.30	196.80	----	----	198	10.41	0.998	1.00	9.0	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Avg	256.47	236.87	208.73	206.60	199.40	217.94	----	----	221	10.51	0.998	1.00	9.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	128.21	130.72	117.49	120.51	119.65	134.37	----	----	125	11.49	0.997	1.00	5.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	185.23	185.03	168.10	169.38	167.49	187.77	----	----	177	12.18	0.997	1.00	5.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	124.50	119.63	109.81	110.72	109.41	123.95	----	----	116	12.71	0.996	1.00	6.2	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	48.3	6.86	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	28.8	7.07	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	90.0	7.16	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	68.3	7.16	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	76.6	7.72	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	106	8.21	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	50.1	8.42	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	66.4	8.60	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	60.1	7.16	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	128	7.72	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	194	8.21	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	112	8.59	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	81.7	9.02	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	63.7	7.72	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	64.3	8.19	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	127	8.60	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 9.47 Avg Rsd Col 2: 9.50

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0076

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_5

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	5G47333.	CAL 1660@50PPB	08/13/13 09:32	2	5G47334.	CAL 1660@200PPB	08/13/13 09:50
3	5G47335.	CAL 1660@500PPB	08/13/13 10:08	4	5G47336.	CAL 1660@1000PPB	08/13/13 10:25
5	5G47337.	CAL 1660@2000PPB	08/13/13 10:43	6	5G47338.	CAL 1660@4000PPB	08/13/13 11:01
7	5G47339.	CAL 3268@500PPB	08/13/13 11:19	8	5G47340.	CAL 1242@500PPB	08/13/13 11:37
9	5G47341.	CAL 1248@500PPB	08/13/13 11:54	10	5G47342.	CAL 2154@500PPB	08/13/13 12:12
11	5G47343.	CAL 1262@500PPB	08/13/13 12:30				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	124	9.02	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	144	9.34	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	142	9.51	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	56.0	9.92	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	127	10.36	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	73.4	10.87	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	76.9	11.54	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	127	10.92	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	139	12.07	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	184	12.17	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	212	12.71	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	48.4	13.20	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	38.6	11.58	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	69.5	11.63	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	382	12.47	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	106	12.61	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	1140	13.19	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Avg	3437.7	3406.0	3084.6	3115.7	3057.4	3470.8	----	----	3260	13.68	0.996	1.00	6.0	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 9.47 Avg Rsd Col 2: 9.50

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0077

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G78511.	CAL 1660@50PPB	08/26/13 17:42	2	3G78512.	CAL 1660@200PPB	08/26/13 17:57
3	3G78513.	CAL 1660@500PPB	08/26/13 18:12	4	3G78514.	CAL 1660@1000PPB	08/26/13 18:28
5	3G78515.	CAL 1660@2000PPB	08/26/13 18:43	6	3G78516.	CAL 1660@4000PPB	08/26/13 18:58
7	3G78517.	CAL 3268@500PPB	08/26/13 19:14	8	3G78518.	CAL 1242@500PPB	08/26/13 19:29
9	3G78519.	CAL 1248@500PPB	08/26/13 19:44	10	3G78520.	CAL 2154@500PPB	08/26/13 20:00
11	3G78521.	CAL 1262@500PPB	08/26/13 20:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	1.9672	2.0390	1.8900	1.8562	1.7899	1.8906	----	----	1.91	4.00	0.999	1.00	4.6	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	0.0548	0.0561	0.0481	0.0442	0.0400	0.0399	----	----	0.0472	4.43	0.999	0.999	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	0.1075	0.1008	0.0857	0.0777	0.0695	0.0677	----	----	0.0849	4.77	0.999	0.999	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Qua	0.2277	0.2054	0.1781	0.1622	0.1457	0.1458	----	----	0.178	5.23	0.999	0.999	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	0.0914	0.0884	0.0764	0.0705	0.0646	0.0640	----	----	0.0759	5.35	0.999	0.999	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	0.0634	0.0629	0.0557	0.0520	0.0484	0.0487	----	----	0.0552	5.45	1.00	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	0.1292	0.1234	0.1046	0.0964	0.0868	0.0863	----	----	0.104	7.03	0.999	0.999	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Qua	0.1494	0.1420	0.1209	0.1118	0.1012	0.1012	----	----	0.121	7.28	0.999	0.999	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0559	0.0573	0.0519	0.0494	0.0474	0.0488	----	----	0.0518	7.76	1.00	1.00	7.8	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Qua	0.0950	0.0940	0.0821	0.0775	0.0715	0.0725	----	----	0.0821	8.05	1.00	1.00	13	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Avg	0.1386	0.1438	0.1292	0.1245	0.1195	0.1258	----	----	0.130	8.76	0.999	1.00	7.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.0250	4.24	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.0131	4.37	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0700	4.43	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0462	4.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0396	4.77	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0813	5.22	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0336	5.35	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0370	5.79	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0421	4.43	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0689	4.77	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.144	5.23	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.102	5.56	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0619	5.79	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0368	4.77	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0899	5.23	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.157	5.55	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0827	5.90	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.103	6.47	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0428	6.67	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.132	6.87	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.0785	7.03	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.116	7.15	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.0575	7.53	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.136	7.71	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.0790	8.70	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 13.3 Avg Rsd Col 2: 14.7

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte, >0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0078

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G78511.	CAL 1660@50PPB	08/26/13 17:42	2	3G78512.	CAL 1660@200PPB	08/26/13 17:57
3	3G78513.	CAL 1660@500PPB	08/26/13 18:12	4	3G78514.	CAL 1660@1000PPB	08/26/13 18:28
5	3G78515.	CAL 1660@2000PPB	08/26/13 18:43	6	3G78516.	CAL 1660@4000PPB	08/26/13 18:58
7	3G78517.	CAL 3268@500PPB	08/26/13 19:14	8	3G78518.	CAL 1242@500PPB	08/26/13 19:29
9	3G78519.	CAL 1248@500PPB	08/26/13 19:44	10	3G78520.	CAL 2154@500PPB	08/26/13 20:00
11	3G78521.	CAL 1262@500PPB	08/26/13 20:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.175	8.76	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.0821	9.45	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.0262	9.81	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.0296	8.06	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.0315	8.36	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.197	8.95	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.0624	9.04	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.544	9.81	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	LinF	1.9983	1.9646	1.7262	1.6342	1.5196	1.5546	----	----	1.73	10.04	1.00	1.00	12	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	3.1293	3.0904	2.8271	2.7471	2.6538	2.8470	----	----	2.88	3.97	0.999	1.00	6.6	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	0.0828	0.0809	0.0697	0.0639	0.0577	0.0569	----	----	0.0687	4.55	0.999	0.999	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.1633	0.1538	0.1268	0.1218	0.1077	0.1052	----	----	0.130	4.95	0.999	0.999	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	0.3437	0.3166	0.2724	0.2509	0.2298	0.2336	----	----	0.275	5.32	0.999	0.999	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Qua	0.1454	0.1286	0.1091	0.0982	0.0880	0.0876	----	----	0.110	5.64	0.999	0.999	21	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Qua	0.0944	0.0898	0.0774	0.0710	0.0632	0.0627	----	----	0.0765	6.00	0.999	0.999	17	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Qua	0.2168	0.1940	0.1601	0.1459	0.1293	0.1297	----	----	0.163	7.29	0.999	0.999	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Qua	0.2309	0.2093	0.1765	0.1621	0.1485	0.1513	----	----	0.180	7.37	0.999	0.999	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Qua	0.1794	0.1748	0.1520	0.1422	0.1343	0.1403	----	----	0.154	8.35	0.999	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Avg	0.1595	0.1618	0.1437	0.1423	0.1383	0.1504	----	----	0.149	9.04	0.998	1.00	6.4	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Avg	0.1189	0.1119	0.1002	0.0995	0.0964	0.1047	----	----	0.105	9.63	0.998	1.00	8.1	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.0382	4.33	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.0194	4.48	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0825	4.54	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0684	4.54	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0642	4.94	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.120	5.32	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.0399	6.00	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.0364	6.14	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0573	4.55	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.104	4.95	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.214	5.32	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0855	5.64	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0671	6.00	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.0520	4.95	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.136	5.32	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0960	5.64	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 13.3 Avg Rsd Col 2: 14.7

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0079

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_3

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3G78511.	CAL 1660@50PPB	08/26/13 17:42	2	3G78512.	CAL 1660@200PPB	08/26/13 17:57
3	3G78513.	CAL 1660@500PPB	08/26/13 18:12	4	3G78514.	CAL 1660@1000PPB	08/26/13 18:28
5	3G78515.	CAL 1660@2000PPB	08/26/13 18:43	6	3G78516.	CAL 1660@4000PPB	08/26/13 18:58
7	3G78517.	CAL 3268@500PPB	08/26/13 19:14	8	3G78518.	CAL 1242@500PPB	08/26/13 19:29
9	3G78519.	CAL 1248@500PPB	08/26/13 19:44	10	3G78520.	CAL 2154@500PPB	08/26/13 20:00
11	3G78521.	CAL 1262@500PPB	08/26/13 20:15				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0992	6.14	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.125	6.28	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.159	6.49	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.0504	6.83	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.134	7.22	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0683	7.73	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0690	8.41	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.164	7.78	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.138	8.93	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.166	9.04	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.193	9.63	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.0423	10.17	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.0342	8.44	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.0634	8.48	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.347	9.37	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.0999	9.53	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.927	10.17	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Qua	3.3969	3.2290	2.7846	2.6750	2.5150	2.6767	----	----	2.88	10.71	0.999	1.00	12	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 13.3 Avg Rsd Col 2: 14.7

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0080

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G83570.	CAL 1660@50PPB	08/27/13 12:04	2	2G83571.	CAL 1660@200PPB	08/27/13 12:19
3	2G83572.	CAL 1660@500PPB	08/27/13 12:34	4	2G83573.	CAL 1660@1000PPB	08/27/13 12:49
5	2G83574.	CAL 1660@2000PPB	08/27/13 13:04	6	2G83575.	CAL 1660@4000PPB	08/27/13 13:19
7	2G83565.	CAL 3268@500PPB	08/27/13 10:39	8	2G83566.	CAL 1242@500PPB	08/27/13 10:54
9	2G83567.	CAL 1248@500PPB	08/27/13 11:09	10	2G83568.	CAL 2154@500PPB	08/27/13 11:24
11	2G83569.	CAL 1262@500PPB	08/27/13 11:40				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
TCMX-Surrogate	1	0	Avg	0.4913	0.5160	0.4773	0.4722	0.4707	0.4945	----	----	0.487	3.93	0.999	1.00	3.6	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	1	1	Qua	0.0150	0.0150	0.0131	0.0120	0.0110	0.0107	----	----	0.0129	4.43	0.999	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	2	Qua	0.0292	0.0286	0.0243	0.0219	0.0199	0.0192	----	----	0.0239	4.80	0.999	0.999	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	3	Qua	0.0652	0.0548	0.0467	0.0426	0.0392	0.0384	----	----	0.0479	5.26	1.00	1.00	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	4	Qua	0.0163	0.0168	0.0150	0.0141	0.0133	0.0134	----	----	0.0149	5.51	1.00	1.00	10	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	1	5	Qua	0.0394	0.0394	0.0340	0.0308	0.0283	0.0277	----	----	0.0333	5.62	0.999	1.00	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	1	Qua	0.0365	0.0338	0.0285	0.0257	0.0232	0.0222	----	----	0.0284	7.14	0.999	0.999	20	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	2	Qua	0.0400	0.0386	0.0325	0.0293	0.0266	0.0260	----	----	0.0322	7.39	0.999	0.999	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	3	Avg	0.0180	0.0191	0.0170	0.0161	0.0154	0.0160	----	----	0.0170	7.59	0.999	1.00	8.3	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	4	Qua	0.0240	0.0267	0.0224	0.0206	0.0192	0.0191	----	----	0.0220	8.18	1.00	1.00	14	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	1	5	Qua	0.0392	0.0413	0.0353	0.0336	0.0311	0.0311	----	----	0.0353	8.91	1.00	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	1	1	Avg	----	----	----	----	----	----	----	----	0.00744	4.23	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	2	Avg	----	----	----	----	----	----	----	----	0.00446	4.37	-1	-1	Lvl=10	500.0							
Aroclor-1221	1	3	Avg	----	----	----	----	----	----	----	----	0.0210	4.43	-1	-1	Lvl=10	500.0							
Aroclor-1232	1	1	Avg	----	----	----	----	----	----	----	----	0.0149	4.44	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	2	Avg	----	----	----	----	----	----	----	----	0.0129	4.80	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	3	Avg	----	----	----	----	----	----	----	----	0.0244	5.26	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	4	Avg	----	----	----	----	----	----	----	----	0.0116	5.40	-1	-1	Lvl=7	500.0							
Aroclor-1232	1	5	Avg	----	----	----	----	----	----	----	----	0.0112	5.87	-1	-1	Lvl=7	500.0							
Aroclor-1242	1	1	Avg	----	----	----	----	----	----	----	----	0.0134	4.42	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	2	Avg	----	----	----	----	----	----	----	----	0.0230	4.79	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	3	Avg	----	----	----	----	----	----	----	----	0.0451	5.26	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	4	Avg	----	----	----	----	----	----	----	----	0.0313	5.62	-1	-1	Lvl=8	500.0							
Aroclor-1242	1	5	Avg	----	----	----	----	----	----	----	----	0.0200	5.87	-1	-1	Lvl=8	500.0							
Aroclor-1248	1	1	Avg	----	----	----	----	----	----	----	----	0.0116	4.80	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	2	Avg	----	----	----	----	----	----	----	----	0.0293	5.26	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	3	Avg	----	----	----	----	----	----	----	----	0.0482	5.61	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	4	Avg	----	----	----	----	----	----	----	----	0.0256	5.97	-1	-1	Lvl=9	500.0							
Aroclor-1248	1	5	Avg	----	----	----	----	----	----	----	----	0.0299	6.57	-1	-1	Lvl=9	500.0							
Aroclor-1254	1	1	Avg	----	----	----	----	----	----	----	----	0.0127	6.77	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	2	Avg	----	----	----	----	----	----	----	----	0.0395	6.98	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	3	Avg	----	----	----	----	----	----	----	----	0.0234	7.14	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	4	Avg	----	----	----	----	----	----	----	----	0.0350	7.26	-1	-1	Lvl=10	500.0							
Aroclor-1254	1	5	Avg	----	----	----	----	----	----	----	----	0.0169	7.65	-1	-1	Lvl=10	500.0							
Aroclor-1262	1	1	Avg	----	----	----	----	----	----	----	----	0.0479	7.82	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	2	Avg	----	----	----	----	----	----	----	----	0.0244	8.83	-1	-1	Lvl=11	500.0							

Avg Rsd Col 1: 14.4 Avg Rsd Col 2: 15.1

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whehter Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0081

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G83570.	CAL 1660@50PPB	08/27/13 12:04	2	2G83571.	CAL 1660@200PPB	08/27/13 12:19
3	2G83572.	CAL 1660@500PPB	08/27/13 12:34	4	2G83573.	CAL 1660@1000PPB	08/27/13 12:49
5	2G83574.	CAL 1660@2000PPB	08/27/13 13:04	6	2G83575.	CAL 1660@4000PPB	08/27/13 13:19
7	2G83565.	CAL 3268@500PPB	08/27/13 10:39	8	2G83566.	CAL 1242@500PPB	08/27/13 10:54
9	2G83567.	CAL 1248@500PPB	08/27/13 11:09	10	2G83568.	CAL 2154@500PPB	08/27/13 11:24
11	2G83569.	CAL 1262@500PPB	08/27/13 11:40				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1262	1	3	Avg	----	----	----	----	----	----	----	----	0.0521	8.90	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	4	Avg	----	----	----	----	----	----	----	----	0.0238	9.64	-1	-1	Lvl=11	500.0							
Aroclor-1262	1	5	Avg	----	----	----	----	----	----	----	----	0.00749	10.00	-1	-1	Lvl=11	500.0							
Aroclor-1268	1	1	Avg	----	----	----	----	----	----	----	----	0.00921	8.17	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	2	Avg	----	----	----	----	----	----	----	----	0.00896	8.50	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	3	Avg	----	----	----	----	----	----	----	----	0.0593	9.07	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	4	Avg	----	----	----	----	----	----	----	----	0.0195	9.18	-1	-1	Lvl=7	500.0							
Aroclor-1268	1	5	Avg	----	----	----	----	----	----	----	----	0.145	10.00	-1	-1	Lvl=7	500.0							
DCB-Surrogate	1	0	Qua	0.5115	0.5126	0.4402	0.3991	0.3682	0.3670	----	----	0.433	10.22	0.999	0.999	15	5.00	20.00	50.00	100.0	200.0	400.0		
TCMX-Surrogate	2	0	Avg	0.4012	0.4426	0.4010	0.4072	0.4065	0.4585	----	----	0.420	4.01	0.997	1.00	5.9	5.00	20.00	50.00	100.0	200.0	400.0		
Aroclor-1016	2	1	Qua	0.0140	0.0130	0.0113	0.0105	0.0095	0.0095	----	----	0.0114	4.62	0.999	0.999	16	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	2	Qua	0.0269	0.0256	0.0221	0.0199	0.0180	0.0166	----	----	0.0216	5.04	0.997	1.00	19	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	3	Qua	0.0526	0.0492	0.0411	0.0380	0.0351	0.0349	----	----	0.0418	5.43	1.00	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	4	Qua	0.0228	0.0211	0.0178	0.0163	0.0150	0.0149	----	----	0.0180	5.76	1.00	1.00	18	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1016	2	5	Qua	0.0149	0.0146	0.0125	0.0116	0.0109	0.0107	----	----	0.0126	6.13	1.00	1.00	15	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	1	Qua	0.0328	0.0302	0.0248	0.0222	0.0202	0.0195	----	----	0.0250	7.45	0.999	0.999	22	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	2	Qua	0.0338	0.0315	0.0260	0.0236	0.0214	0.0208	----	----	0.0262	7.54	0.999	0.999	21	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	3	Avg	0.0121	0.0125	0.0111	0.0105	0.0100	0.0102	----	----	0.0111	8.17	1.00	1.00	9.5	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	4	Qua	0.0247	0.0254	0.0223	0.0207	0.0192	0.0193	----	----	0.0220	8.54	1.00	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1260	2	5	Qua	0.0216	0.0198	0.0179	0.0164	0.0161	0.0166	----	----	0.0181	9.25	1.00	1.00	12	50.00	200.0	500.0	1000.	2000.	4000.		
Aroclor-1221	2	1	Avg	----	----	----	----	----	----	----	----	0.00678	4.40	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	2	Avg	----	----	----	----	----	----	----	----	0.00431	4.55	-1	-1	Lvl=10	500.0							
Aroclor-1221	2	3	Avg	----	----	----	----	----	----	----	----	0.0143	4.62	-1	-1	Lvl=10	500.0							
Aroclor-1232	2	1	Avg	----	----	----	----	----	----	----	----	0.0112	4.62	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	2	Avg	----	----	----	----	----	----	----	----	0.0113	5.04	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	3	Avg	----	----	----	----	----	----	----	----	0.0211	5.43	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	4	Avg	----	----	----	----	----	----	----	----	0.00973	5.76	-1	-1	Lvl=7	500.0							
Aroclor-1232	2	5	Avg	----	----	----	----	----	----	----	----	0.00592	6.28	-1	-1	Lvl=7	500.0							
Aroclor-1242	2	1	Avg	----	----	----	----	----	----	----	----	0.0112	4.60	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	2	Avg	----	----	----	----	----	----	----	----	0.0200	5.03	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	3	Avg	----	----	----	----	----	----	----	----	0.0393	5.42	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	4	Avg	----	----	----	----	----	----	----	----	0.0169	5.75	-1	-1	Lvl=8	500.0							
Aroclor-1242	2	5	Avg	----	----	----	----	----	----	----	----	0.0135	6.13	-1	-1	Lvl=8	500.0							
Aroclor-1248	2	1	Avg	----	----	----	----	----	----	----	----	0.00972	5.04	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	2	Avg	----	----	----	----	----	----	----	----	0.0250	5.43	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	3	Avg	----	----	----	----	----	----	----	----	0.0192	5.76	-1	-1	Lvl=9	500.0							

Avg Rsd Col 1: 14.4 Avg Rsd Col 2: 15.1

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 : Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

3082608 0082

Form 6
Initial Calibration

Method: EPA 8082

Instrument: GC_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2G83570.	CAL 1660@50PPB	08/27/13 12:04	2	2G83571.	CAL 1660@200PPB	08/27/13 12:19
3	2G83572.	CAL 1660@500PPB	08/27/13 12:34	4	2G83573.	CAL 1660@1000PPB	08/27/13 12:49
5	2G83574.	CAL 1660@2000PPB	08/27/13 13:04	6	2G83575.	CAL 1660@4000PPB	08/27/13 13:19
7	2G83565.	CAL 3268@500PPB	08/27/13 10:39	8	2G83566.	CAL 1242@500PPB	08/27/13 10:54
9	2G83567.	CAL 1248@500PPB	08/27/13 11:09	10	2G83568.	CAL 2154@500PPB	08/27/13 11:24
11	2G83569.	CAL 1262@500PPB	08/27/13 11:40				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
Aroclor-1248	2	4	Avg	----	----	----	----	----	----	----	----	0.0174	6.28	-1	-1	Lvl=9	500.0							
Aroclor-1248	2	5	Avg	----	----	----	----	----	----	----	----	0.0218	6.41	-1	-1	Lvl=9	500.0							
Aroclor-1254	2	1	Avg	----	----	----	----	----	----	----	----	0.0286	6.64	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	2	Avg	----	----	----	----	----	----	----	----	0.00933	6.98	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	3	Avg	----	----	----	----	----	----	----	----	0.0236	7.38	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	4	Avg	----	----	----	----	----	----	----	----	0.0115	7.90	-1	-1	Lvl=10	500.0							
Aroclor-1254	2	5	Avg	----	----	----	----	----	----	----	----	0.0104	8.60	-1	-1	Lvl=10	500.0							
Aroclor-1262	2	1	Avg	----	----	----	----	----	----	----	----	0.0456	8.09	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	2	Avg	----	----	----	----	----	----	----	----	0.0190	9.14	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	3	Avg	----	----	----	----	----	----	----	----	0.0228	9.25	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	4	Avg	----	----	----	----	----	----	----	----	0.0236	9.88	-1	-1	Lvl=11	500.0							
Aroclor-1262	2	5	Avg	----	----	----	----	----	----	----	----	0.00535	10.46	-1	-1	Lvl=11	500.0							
Aroclor-1268	2	1	Avg	----	----	----	----	----	----	----	----	0.00527	8.63	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	2	Avg	----	----	----	----	----	----	----	----	0.00874	8.67	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	3	Avg	----	----	----	----	----	----	----	----	0.0428	9.61	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	4	Avg	----	----	----	----	----	----	----	----	0.0128	9.77	-1	-1	Lvl=7	500.0							
Aroclor-1268	2	5	Avg	----	----	----	----	----	----	----	----	0.115	10.46	-1	-1	Lvl=7	500.0							
DCB-Surrogate	2	0	Qua	0.4127	0.4061	0.3466	0.3230	0.3105	0.3174	----	----	0.353	11.04	1.00	1.00	13	5.00	20.00	50.00	100.0	200.0	400.0		

Avg Rsd Col 1: 14.4 Avg Rsd Col 2: 15.1

Flags

c - failed the initial calibration criteria(if applicable)

Note:

Col = Column Number
Mr = MultiPeak Analyte 0=single peak analyte..>0=multi peak analyte (i.e. pcb/chlordane etc..)
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.
Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.

All Response Factors = Response Factors / 10000
Initial Calibration Criteria: either %RSD <=20 or Corr >= .995
Columns: Signal #1 db-1701 ; Signal #2 db-608

^Lvl: These compounds use a single pt calibration as specified by the method. The file used to update this calibration point is listed in the header under level #

Form7
Continuing Calibration

Method: EPA 8082

Data File:				2G83623.D			2G83629.D			2G83634.D			3G78549.D			3G78563.D				
Method:				8082			8082			8082			8082			8082				
Calibration Name:				CAL 1660@2000PP			CAL 1660@2000PP			CAL 1660@2000PP			CAL 1660@1000PP			CAL 1660@2000PP				
Calibration Date/Time				08/29/13 11:36			08/29/13 13:27			08/29/13 15:02			08/28/13 09:45			08/28/13 13:24				
					Conc			Conc			Conc			Conc			Conc				
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff			
TCMX-Surrogate	15	1	0	177.8	200	11.1	192.9	200	3.5	217.3	200	8.7	90.29	100	9.7	191.7	200	4.2			
Aroclor-1016	15	1	1	1772	2000	11.4	1933	2000	3.3	2193	2000	9.7	968.2	1000	3.2	2002	2000	0.1			
Aroclor-1016	15	1	2	1798	2000	10.1	1899	2000	5.0	2150	2000	7.5	966.9	1000	3.3	2015	2000	0.8			
Aroclor-1016	15	1	3	1810	2000	9.5	1913	2000	4.3	2185	2000	9.3	963.1	1000	3.7	1994	2000	0.3			
Aroclor-1016	15	1	4	1825	2000	8.7	1894	2000	5.3	2193	2000	9.7	958.4	1000	4.2	2004	2000	0.2			
Aroclor-1016	15	1	5	1810	2000	9.5	1845	2000	7.8	2168	2000	8.4	961.6	1000	3.8	2015	2000	0.7			
Aroclor-1260	15	1	1	1793	2000	10.4	1835	2000	8.3	2140	2000	7.0	963.4	1000	3.7	1959	2000	2.0			
Aroclor-1260	15	1	2	1810	2000	9.5	1843	2000	7.9	2163	2000	8.1	964	1000	3.6	1947	2000	2.7			
Aroclor-1260	15	1	3	1703	2000	14.8	1768	2000	11.6	2045	2000	2.3	872.8	1000	12.7	1818	2000	9.1			
Aroclor-1260	15	1	4	1829	2000	8.5	1876	2000	6.2	2201	2000	10.1	970.1	1000	3.0	1875	2000	6.3			
Aroclor-1260	15	1	5	1835	2000	8.2	2002	2000	0.1	2174	2000	8.7	890.5	1000	11.0	1600	2000	20.0*			
DCB-Surrogate	15	1	0	185.3	200	7.3	202.8	200	1.4	220.4	200	10.2	98.23	100	1.8	127.6	200	36.2*			
Average Difference	15	1	0			9.9			5.4			8.3			5.3			6.9			
TCMX-Surrogate	15	2	0	181.4	200	9.3	194.5	200	2.7	221.1	200	10.6	101.6	100	1.6	197.4	200	1.3			
Aroclor-1016	15	2	1	1847	2000	7.6	2091	2000	4.5	2221	2000	11.1	1114	1000	11.4	2013	2000	0.7			
Aroclor-1016	15	2	2	1727	2000	13.7	1931	2000	3.5	2092	2000	4.6	1129	1000	12.9	1999	2000	0.0			
Aroclor-1016	15	2	3	1845	2000	7.8	1968	2000	1.6	2245	2000	12.2	1119	1000	11.9	2058	2000	2.9			
Aroclor-1016	15	2	4	1851	2000	7.5	1924	2000	3.8	2241	2000	12.0	1132	1000	13.2	2071	2000	3.6			
Aroclor-1016	15	2	5	1848	2000	7.6	1966	2000	1.7	2254	2000	12.7	1146	1000	14.6	2063	2000	3.1			
Aroclor-1260	15	2	1	1826	2000	8.7	1863	2000	6.9	2192	2000	9.6	1141	1000	14.1	1982	2000	0.9			
Aroclor-1260	15	2	2	1823	2000	8.8	1884	2000	5.8	2194	2000	9.7	1123	1000	12.3	1986	2000	0.7			
Aroclor-1260	15	2	3	1690	2000	15.5	1814	2000	9.3	2013	2000	0.7	1101	1000	10.1	1808	2000	9.6			
Aroclor-1260	15	2	4	1883	2000	5.9	2043	2000	2.2	2280	2000	14.0	928.5	1000	7.2	1528	2000	23.6*			
Aroclor-1260	15	2	5	1891	2000	5.4	2167	2000	8.4	2336	2000	16.8*	851.6	1000	14.8	1228	2000	38.6*			
DCB-Surrogate	15	2	0	185.1	200	7.5	201.4	200	0.7	228.7	200	14.4	99.85	100	0.2	127	200	36.5*			
Average Difference	15	2	0			8.8			4.3			10.7			10.4			10.1			

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
Continuing Calibration

Method: EPA 8082

Data File:				3G78578.D			3G78595.D			3G78596.D			3G78608.D			5G47606.D		
Method:				8082			8082			8082			8082			8082		
Calibration Name:				CAL 1660@2000PP			CAL 1660@2000PP			CAL 1660@2000PP			CAL 1660@2000PP			CAL 1660@500PP		
Calibration Date/Time				08/28/13 17:29			08/28/13 21:49			08/29/13 09:14			08/29/13 12:19			08/28/13 09:20		
					Conc			Conc			Conc			Conc			Conc	
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	196.7	200	1.6	212	200	6.0	173.9	200	13.1	192	200	4.0	48.74	50	2.5
Aroclor-1016	15	1	1	2026	2000	1.3	2204	2000	10.2	1813	2000	9.3	2001	2000	0.1	556.7	500	11.3
Aroclor-1016	15	1	2	2015	2000	0.8	2183	2000	9.2	1764	2000	11.8	1998	2000	0.1	554.9	500	11.0
Aroclor-1016	15	1	3	2011	2000	0.6	2193	2000	9.6	1767	2000	11.6	1997	2000	0.2	516.5	500	3.3
Aroclor-1016	15	1	4	2014	2000	0.7	2176	2000	8.8	1745	2000	12.7	1984	2000	0.8	511.5	500	2.3
Aroclor-1016	15	1	5	1994	2000	0.3	2203	2000	10.2	1786	2000	10.7	2012	2000	0.6	479.7	500	4.1
Aroclor-1260	15	1	1	1977	2000	1.1	2186	2000	9.3	1751	2000	12.4	2013	2000	0.6	548.9	500	9.8
Aroclor-1260	15	1	2	1976	2000	1.2	2188	2000	9.4	1764	2000	11.8	2016	2000	0.8	454.2	500	9.2
Aroclor-1260	15	1	3	1893	2000	5.3	2082	2000	4.1	1665	2000	16.7*	1919	2000	4.1	489.6	500	2.1
Aroclor-1260	15	1	4	1979	2000	1.1	2195	2000	9.7	1804	2000	9.8	2039	2000	2.0	472.7	500	5.5
Aroclor-1260	15	1	5	1873	2000	6.4	2056	2000	2.8	1692	2000	15.4	1896	2000	5.2	438.5	500	12.3
DCB-Surrogate	15	1	0	199.6	200	0.2	217.4	200	8.7	182.2	200	8.9	198.6	200	0.7	42.89	50	14.2
Average Difference	15	1	0			1.7			8.2			12.0			1.6			7.3
TCMX-Surrogate	15	2	0	199.2	200	0.4	209.3	200	4.7	195.5	200	2.2	194.7	200	2.6	50.13	50	0.3
Aroclor-1016	15	2	1	2044	2000	2.2	2130	2000	6.5	2093	2000	4.6	1980	2000	1.0	544.7	500	8.9
Aroclor-1016	15	2	2	2084	2000	4.2	2162	2000	8.1	2046	2000	2.3	2029	2000	1.4	576.8	500	15.4
Aroclor-1016	15	2	3	2060	2000	3.0	2133	2000	6.6	2023	2000	1.2	2022	2000	1.1	527.9	500	5.6
Aroclor-1016	15	2	4	2103	2000	5.2	2173	2000	8.7	2057	2000	2.8	2047	2000	2.4	444.5	500	11.1
Aroclor-1016	15	2	5	2104	2000	5.2	2176	2000	8.8	2064	2000	3.2	2024	2000	1.2	523.4	500	4.7
Aroclor-1260	15	2	1	2089	2000	4.4	2170	2000	8.5	2049	2000	2.5	2039	2000	2.0	519.7	500	3.9
Aroclor-1260	15	2	2	2090	2000	4.5	2155	2000	7.8	2019	2000	0.9	2034	2000	1.7	504.6	500	0.9
Aroclor-1260	15	2	3	2031	2000	1.6	2110	2000	5.5	1994	2000	0.3	1986	2000	0.7	516.9	500	3.4
Aroclor-1260	15	2	4	1794	2000	10.3	1919	2000	4.1	1792	2000	10.4	1788	2000	10.6	489.7	500	2.1
Aroclor-1260	15	2	5	1659	2000	17.1*	1854	2000	7.3	1696	2000	15.2	1708	2000	14.6	486.3	500	2.7
DCB-Surrogate	15	2	0	185.8	200	7.1	210.6	200	5.3	192.3	200	3.8	195.1	200	2.5	42.39	50	15.2
Average Difference	15	2	0			5.4			6.8			4.1			3.5			6.2

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
Continuing Calibration

Method: EPA 8082

Data File:				5G47619.D			5G47632.D			5G47638.D									
Method:				8082			8082			8082									
Calibration Name:				CAL 1660@500PP			CAL 1660@500PP			CAL 1660@500PP									
Calibration Date/Time				08/28/13 13:34			08/28/13 17:28			08/28/13 19:32									
					Conc			Conc			Conc			Conc			Conc		
Compound	Limit	Col	Mr	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff	Conc	Exp	%Diff
TCMX-Surrogate	15	1	0	43.83	50	12.3	43.9	50	12.2	46.42	50	7.2						
Aroclor-1016	15	1	1	440.6	500	11.9	490.5	500	1.9	530.5	500	6.1						
Aroclor-1016	15	1	2	468.8	500	6.2	462.2	500	7.6	506	500	1.2						
Aroclor-1016	15	1	3	436.9	500	12.6	406.5	500	18.7*	423.9	500	15.2						
Aroclor-1016	15	1	4	389.2	500	22.2*	439.9	500	12.0	466.2	500	6.8						
Aroclor-1016	15	1	5	440.2	500	12.0	424.9	500	15.0	415.2	500	17.0*						
Aroclor-1260	15	1	1	529.7	500	5.9	530.6	500	6.1	470.5	500	5.9						
Aroclor-1260	15	1	2	368.3	500	26.3*	402.7	500	19.5*	419.3	500	16.1*						
Aroclor-1260	15	1	3	425.9	500	14.8	548.2	500	9.6	428.1	500	14.4						
Aroclor-1260	15	1	4	478.9	500	4.2	422.0	500	15.6*	449	500	10.2						
Aroclor-1260	15	1	5	407.8	500	18.4*	471.6	500	5.7	465.9	500	6.8						
DCB-Surrogate	15	1	0	39.9	50	20.2*	39.46	50	21.1*	40.88	50	18.2*						
Average Difference	15	1	0			13.9			12.1			10.4						
TCMX-Surrogate	15	2	0	48.86	50	2.3	49.61	50	0.8	51.87	50	3.7						
Aroclor-1016	15	2	1	514.3	500	2.9	491.6	500	1.7	521.6	500	4.3						
Aroclor-1016	15	2	2	538.6	500	7.7	538.7	500	7.7	567.4	500	13.5						
Aroclor-1016	15	2	3	480.8	500	3.8	499.1	500	0.2	534.9	500	7.0						
Aroclor-1016	15	2	4	413.8	500	17.2*	421.3	500	15.7*	435.4	500	12.9						
Aroclor-1016	15	2	5	471.6	500	5.7	509.3	500	1.9	521.7	500	4.3						
Aroclor-1260	15	2	1	470.7	500	5.9	496.0	500	0.8	528.4	500	5.7						
Aroclor-1260	15	2	2	483.7	500	3.3	464.1	500	7.2	512.9	500	2.6						
Aroclor-1260	15	2	3	537.9	500	7.6	515.4	500	3.1	551.0	500	10.2						
Aroclor-1260	15	2	4	500.3	500	0.1	452.2	500	9.6	513.4	500	2.7						
Aroclor-1260	15	2	5	618.8	500	23.8*	557.7	500	11.5	516.1	500	3.2						
DCB-Surrogate	15	2	0	44.53	50	10.9	42.22	50	15.6*	44.17	50	11.7						
Average Difference	15	2	0			7.6			6.3			6.8						

Flags/Notes: **** - Values outside of limits for this column/run***

Form7
RtWindow Summary

Method: EPA 8082

Data File:	2G83570.D		3G78511.D		5G47333.D		2G83623.D		2G83629.D	
Calibration Name:	CAL 1660@50PPB		CAL 1660@50PPB		CAL 1660@50PPB		CAL 1660@2000PPB		CAL 1660@2000PPB	
Calibration Date/Time	8/27/2013 12:04:00 PM		8/26/2013 5:42:00 PM		8/13/2013 9:32:37 AM		8/29/2013 11:36:00 AM		8/29/2013 1:27:00 PM	

Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	3.93	(3.87 - 3.99)	4.00	(3.94 - 4.06)	6.27	(6.21 - 6.33)	3.92	(3.86 - 3.98)	3.93	(3.87 - 3.99)
Aroclor-1016	1	1	4.44	(4.40 - 4.48)	4.43	(4.39 - 4.47)	7.11	(7.07 - 7.15)	4.43	(4.39 - 4.47)	4.44	(4.40 - 4.48)
Aroclor-1016	1	2	4.80	(4.76 - 4.84)	4.77	(4.73 - 4.81)	7.62	(7.58 - 7.66)	4.79	(4.75 - 4.83)	4.80	(4.76 - 4.84)
Aroclor-1016	1	3	5.26	(5.22 - 5.30)	5.23	(5.19 - 5.27)	8.22	(8.18 - 8.26)	5.26	(5.22 - 5.30)	5.26	(5.22 - 5.30)
Aroclor-1016	1	4	5.51	(5.47 - 5.55)	5.35	(5.31 - 5.39)	8.38	(8.34 - 8.42)	5.50	(5.46 - 5.54)	5.51	(5.47 - 5.55)
Aroclor-1016	1	5	5.62	(5.58 - 5.66)	5.45	(5.41 - 5.49)	8.51	(8.47 - 8.55)	5.62	(5.58 - 5.66)	5.62	(5.58 - 5.66)
Aroclor-1260	1	1	7.14	(7.10 - 7.18)	7.03	(6.99 - 7.07)	10.32	(10.28 - 10.36)	7.13	(7.09 - 7.17)	7.14	(7.10 - 7.18)
Aroclor-1260	1	2	7.39	(7.35 - 7.43)	7.28	(7.24 - 7.32)	10.59	(10.55 - 10.63)	7.38	(7.34 - 7.42)	7.39	(7.35 - 7.43)
Aroclor-1260	1	3	7.59	(7.55 - 7.63)	7.76	(7.72 - 7.80)	11.07	(11.03 - 11.11)	7.58	(7.54 - 7.62)	7.59	(7.55 - 7.63)
Aroclor-1260	1	4	8.18	(8.14 - 8.22)	8.05	(8.01 - 8.09)	11.38	(11.34 - 11.42)	8.17	(8.13 - 8.21)	8.18	(8.14 - 8.22)
Aroclor-1260	1	5	8.91	(8.87 - 8.95)	8.76	(8.72 - 8.80)	12.10	(12.06 - 12.14)	8.90	(8.86 - 8.94)	8.90	(8.86 - 8.94)
Aroclor-1221	1	1	4.23	(4.19 - 4.27)	4.24	(4.20 - 4.28)	6.81	(6.77 - 6.85)				
Aroclor-1221	1	2	4.38	(4.34 - 4.42)	4.37	(4.33 - 4.41)	7.02	(6.98 - 7.06)				
Aroclor-1221	1	3	4.43	(4.39 - 4.47)	4.43	(4.39 - 4.47)	7.11	(7.07 - 7.15)				
Aroclor-1232	1	1	4.44	(4.40 - 4.48)	4.43	(4.39 - 4.47)	7.11	(7.07 - 7.15)				
Aroclor-1232	1	2	4.80	(4.76 - 4.84)	4.77	(4.73 - 4.81)	7.62	(7.58 - 7.66)				
Aroclor-1232	1	3	5.26	(5.22 - 5.30)	5.22	(5.18 - 5.26)	8.22	(8.18 - 8.26)				
Aroclor-1232	1	4	5.40	(5.36 - 5.44)	5.35	(5.31 - 5.39)	8.38	(8.34 - 8.42)				
Aroclor-1232	1	5	5.87	(5.83 - 5.91)	5.79	(5.75 - 5.83)	8.51	(8.47 - 8.55)				
Aroclor-1242	1	1	4.44	(4.40 - 4.48)	4.43	(4.39 - 4.47)	7.11	(7.07 - 7.15)				
Aroclor-1242	1	2	4.80	(4.76 - 4.84)	4.77	(4.73 - 4.81)	7.62	(7.58 - 7.66)				
Aroclor-1242	1	3	5.26	(5.22 - 5.30)	5.23	(5.19 - 5.27)	8.22	(8.18 - 8.26)				
Aroclor-1242	1	4	5.62	(5.58 - 5.66)	5.56	(5.52 - 5.60)	8.51	(8.47 - 8.55)				
Aroclor-1242	1	5	5.87	(5.83 - 5.91)	5.79	(5.75 - 5.83)	8.94	(8.90 - 8.98)				
Aroclor-1248	1	1	4.80	(4.76 - 4.84)	4.77	(4.73 - 4.81)	7.62	(7.58 - 7.66)				
Aroclor-1248	1	2	5.26	(5.22 - 5.30)	5.23	(5.19 - 5.27)	8.22	(8.18 - 8.26)				
Aroclor-1248	1	3	5.61	(5.57 - 5.65)	5.55	(5.51 - 5.59)	8.62	(8.58 - 8.66)				
Aroclor-1248	1	4	5.97	(5.93 - 6.01)	5.90	(5.86 - 5.94)	8.94	(8.90 - 8.98)				
Aroclor-1248	1	5	6.57	(6.53 - 6.61)	6.47	(6.43 - 6.51)	9.05	(9.01 - 9.09)				
Aroclor-1254	1	1	6.77	(6.73 - 6.81)	6.67	(6.63 - 6.71)	10.16	(10.12 - 10.20)				
Aroclor-1254	1	2	6.98	(6.94 - 7.02)	6.87	(6.83 - 6.91)	10.32	(10.28 - 10.36)				
Aroclor-1254	1	3	7.14	(7.10 - 7.18)	7.03	(6.99 - 7.07)	10.46	(10.42 - 10.50)				
Aroclor-1254	1	4	7.26	(7.22 - 7.30)	7.15	(7.11 - 7.19)	10.58	(10.54 - 10.62)				
Aroclor-1254	1	5	7.65	(7.61 - 7.69)	7.53	(7.49 - 7.57)	10.85	(10.81 - 10.89)				
Aroclor-1262	1	1	7.82	(7.78 - 7.86)	7.71	(7.67 - 7.75)	10.58	(10.54 - 10.62)				
Aroclor-1262	1	2	8.83	(8.79 - 8.87)	8.70	(8.66 - 8.74)	12.02	(11.98 - 12.06)				
Aroclor-1262	1	3	8.90	(8.86 - 8.94)	8.76	(8.72 - 8.80)	12.08	(12.04 - 12.12)				
Aroclor-1262	1	4	9.64	(9.60 - 9.68)	9.45	(9.41 - 9.49)	12.77	(12.73 - 12.81)				
Aroclor-1262	1	5	10.00	(9.96 - 10.04)	9.81	(9.77 - 9.85)	13.10	(13.06 - 13.14)				
Aroclor-1268	1	1	8.18	(8.14 - 8.22)	8.06	(8.02 - 8.10)	11.36	(11.32 - 11.40)				
Aroclor-1268	1	2	8.50	(8.46 - 8.54)	8.36	(8.32 - 8.40)	11.69	(11.65 - 11.73)				
Aroclor-1268	1	3	9.08	(9.04 - 9.12)	8.95	(8.91 - 8.99)	12.25	(12.21 - 12.29)				
Aroclor-1268	1	4	9.18	(9.14 - 9.22)	9.04	(9.00 - 9.08)	12.34	(12.30 - 12.38)				
Aroclor-1268	1	5	10.00	(9.96 - 10.04)	9.81	(9.77 - 9.85)	13.10	(13.06 - 13.14)				
DCB-Surrogate	1	0	10.22	(10.16 - 10.28)	10.04	(9.98 - 10.10)	13.30	(13.24 - 13.36)	10.21	(10.15 - 10.27)	10.22	(10.16 - 10.28)
TCMX-Surrogate	2	0	4.01	(3.95 - 4.07)	3.97	(3.91 - 4.03)	6.21	(6.15 - 6.27)	4.01	(3.95 - 4.07)	4.01	(3.95 - 4.07)
Aroclor-1016	2	1	4.62	(4.58 - 4.66)	4.54	(4.50 - 4.58)	7.16	(7.12 - 7.20)	4.61	(4.57 - 4.65)	4.61	(4.57 - 4.65)
Aroclor-1016	2	2	5.04	(5.00 - 5.08)	4.95	(4.91 - 4.99)	7.72	(7.68 - 7.76)	5.04	(5.00 - 5.08)	5.04	(5.00 - 5.08)
Aroclor-1016	2	3	5.43	(5.39 - 5.47)	5.32	(5.28 - 5.36)	8.21	(8.17 - 8.25)	5.42	(5.38 - 5.46)	5.42	(5.38 - 5.46)
Aroclor-1016	2	4	5.76	(5.72 - 5.80)	5.64	(5.60 - 5.68)	8.42	(8.38 - 8.46)	5.75	(5.71 - 5.79)	5.75	(5.71 - 5.79)
Aroclor-1016	2	5	6.13	(6.09 - 6.17)	6.00	(5.96 - 6.04)	8.59	(8.55 - 8.63)	6.13	(6.09 - 6.17)	6.13	(6.09 - 6.17)
Aroclor-1260	2	1	7.45	(7.41 - 7.49)	7.29	(7.25 - 7.33)	10.41	(10.37 - 10.45)	7.45	(7.41 - 7.49)	7.45	(7.41 - 7.49)
Aroclor-1260	2	2	7.54	(7.50 - 7.58)	7.37	(7.33 - 7.41)	10.51	(10.47 - 10.55)	7.53	(7.49 - 7.57)	7.53	(7.49 - 7.57)
Aroclor-1260	2	3	8.17	(8.13 - 8.21)	8.35	(8.31 - 8.39)	11.49	(11.45 - 11.53)	8.17	(8.13 - 8.21)	8.17	(8.13 - 8.21)
Aroclor-1260	2	4	8.54	(8.50 - 8.58)	9.04	(9.00 - 9.08)	12.17	(12.13 - 12.21)	8.53	(8.49 - 8.57)	8.54	(8.50 - 8.58)
Aroclor-1260	2	5	9.25	(9.21 - 9.29)	9.63	(9.59 - 9.67)	12.71	(12.67 - 12.75)	9.25	(9.21 - 9.29)	9.25	(9.21 - 9.29)
Aroclor-1221	2	1	4.40	(4.36 - 4.44)	4.33	(4.29 - 4.37)	6.86	(6.82 - 6.90)				
Aroclor-1221	2	2	4.55	(4.51 - 4.59)	4.48	(4.44 - 4.52)	7.07	(7.03 - 7.11)				
Aroclor-1221	2	3	4.62	(4.58 - 4.66)	4.54	(4.50 - 4.58)	7.16	(7.12 - 7.20)				
Aroclor-1232	2	1	4.62	(4.58 - 4.66)	4.54	(4.50 - 4.58)	7.16	(7.12 - 7.20)				
Aroclor-1232	2	2	5.04	(5.00 - 5.08)	4.94	(4.90 - 4.98)	7.72	(7.68 - 7.76)				
Aroclor-1232	2	3	5.43	(5.39 - 5.47)	5.32	(5.28 - 5.36)	8.21	(8.17 - 8.25)				
Aroclor-1232	2	4	5.76	(5.72 - 5.80)	6.00	(5.96 - 6.04)	8.42	(8.38 - 8.46)				
Aroclor-1232	2	5	6.28	(6.24 - 6.32)	6.14	(6.10 - 6.18)	8.60	(8.56 - 8.64)				
Aroclor-1242	2	1	4.62	(4.58 - 4.66)	4.55	(4.51 - 4.59)	7.16	(7.12 - 7.20)				
Aroclor-1242	2	2	5.04	(5.00 - 5.08)	4.95	(4.91 - 4.99)	7.72	(7.68 - 7.76)				
Aroclor-1242	2	3	5.43	(5.39 - 5.47)	5.32	(5.28 - 5.36)	8.21	(8.17 - 8.25)				
Aroclor-1242	2	4	5.76	(5.72 - 5.80)	5.64	(5.60 - 5.68)	8.60	(8.56 - 8.64)				
Aroclor-1242	2	5	6.13	(6.09 - 6.17)	6.00	(5.96 - 6.04)	9.02	(8.98 - 9.06)				
Aroclor-1248	2	1	5.04	(5.00 - 5.08)	4.95	(4.91 - 4.99)	7.72	(7.68 - 7.76)				
Aroclor-1248	2	2	5.43	(5.39 - 5.47)	5.32	(5.28 - 5.36)	8.19	(8.15 - 8.23)				
Aroclor-1248	2	3	5.76	(5.72 - 5.80)	5.64	(5.60 - 5.68)	8.60	(8.56 - 8.64)				
Aroclor-1248	2	4	6.28	(6.24 - 6.32)	6.14	(6.10 - 6.18)	9.02	(8.98 - 9.06)				
Aroclor-1248	2	5	6.41	(6.37 - 6.45)	6.28	(6.24 - 6.32)	9.34	(9.30 - 9.38)				
Aroclor-1254	2	1	6.64	(6.60 - 6.68)	6.49	(6.45 - 6.53)	9.51	(9.47 - 9.55)				
Aroclor-1254	2	2	6.98	(6.94 - 7.02)	6.83	(6.79 - 6.87)	9.92	(9.88 - 9.96)				
Aroclor-1254	2	3	7.38	(7.34 - 7.42)	7.22	(7.18 - 7.26)	10.36	(10.32 - 10.40)				
Aroclor-1254	2	4	7.90	(7.86 - 7.94)	7.73	(7.69 - 7.77)	10.87	(10.83 - 10.91)				
Aroclor-1254	2	5	8.60	(8.56 - 8.64)	8.41	(8.37 - 8.45)	11.54	(11.50 - 11.58)				
Aroclor-1262	2	1	8.09	(8.05 - 8.13)	7.78	(7.74 - 7.82)	10.92	(10.88 - 10.96)				
Aroclor-1262	2	2	9.14	(9.10 - 9.18)	8.93	(8.89 - 8.97)	12.07	(12.03 - 12.11)				
Aroclor-1262	2	3	9.25	(9.21 - 9.29)	9.04	(9.00 - 9.08)	12.17	(12.13 - 12.21)				
Aroclor-1262	2	4	9.88	(9.84 - 9.92)	9.63	(9.59 - 9.67)	12.71	(12.67 - 12.75)				
Aroclor-1262	2	5	10.46	(10.42 - 10.50)	10.17	(10.13 - 10.21)	13.20	(13.16 - 13.24)				
Aroclor-1268	2	1	8.63	(8.59 - 8.67)	8.44	(8.40 - 8.48)	11.58	(11.54 - 11.62)				
Aroclor-1268	2	2	8.67	(8.63 - 8.71)	8.48	(8.44 - 8.52)	11.63	(11.59 - 11.67)				
Aroclor-1268	2	3	9.61	(9.57 - 9.65)	9.37	(9.33 - 9.41)	12.47	(12.43 - 12.51)				
Aroclor-1268	2	4	9.77	(9.73 - 9.81)	9.53	(9.49 - 9.57)	12.61	(12.57 - 12.65)				
Aroclor-1268	2	5	10.46	(10.42 - 10.50)	10.17	(10.13 - 10.21)	13.19	(13.15 - 13.23)				
DCB-Surrogate	2	0	11.04	(10.98 - 11.10)	10.71	(10.65 - 10.77)	13.68	(13.62 - 13.74)	11.03	(10.97 - 11.09)	11.04	(10.98 - 11.10)

Form7
RtWindow Summary

Method: EPA 8082

			3G78549.D		3G78578.D		3G78596.D		5G47606.D		5G47632.D	
Data File:												
Calibration Name:			CAL 1660@1000PPB		CAL 1660@2000PPB		CAL 1660@2000PPB		CAL 1660@500PPB		CAL 1660@500PPB	
Calibration Date/Time			8/28/2013 9:45:00 AM		8/28/2013 5:29:00 PM		8/29/2013 9:14:00 AM		8/28/2013 9:20:38 AM		8/28/2013 5:28:40 PM	
Compound	Col	Mr	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit	Cal RT	Limit
TCMX-Surrogate	1	0	4.00	(3.94 - 4.06)	4.01	(3.95 - 4.07)	4.01	(3.95 - 4.07)	6.27	(6.21 - 6.33)	6.27	(6.21 - 6.33)
Aroclor-1016	1	1	4.43	(4.39 - 4.47)	4.44	(4.40 - 4.48)	4.44	(4.40 - 4.48)	7.11	(7.07 - 7.15)	7.11	(7.07 - 7.15)
Aroclor-1016	1	2	4.77	(4.73 - 4.81)	4.78	(4.74 - 4.82)	4.78	(4.74 - 4.82)	7.62	(7.58 - 7.66)	7.62	(7.58 - 7.66)
Aroclor-1016	1	3	5.22	(5.18 - 5.26)	5.23	(5.19 - 5.27)	5.23	(5.19 - 5.27)	8.22	(8.18 - 8.26)	8.22	(8.18 - 8.26)
Aroclor-1016	1	4	5.35	(5.31 - 5.39)	5.35	(5.31 - 5.39)	5.35	(5.31 - 5.39)	8.38	(8.34 - 8.42)	8.38	(8.34 - 8.42)
Aroclor-1016	1	5	5.45	(5.41 - 5.49)	5.45	(5.41 - 5.49)	5.45	(5.41 - 5.49)	8.51	(8.47 - 8.55)	8.51	(8.47 - 8.55)
Aroclor-1260	1	1	7.03	(6.99 - 7.07)	7.03	(6.99 - 7.07)	7.03	(6.99 - 7.07)	10.32	(10.28 - 10.36)	10.31	(10.27 - 10.35)
Aroclor-1260	1	2	7.28	(7.24 - 7.32)	7.28	(7.24 - 7.32)	7.28	(7.24 - 7.32)	10.58	(10.54 - 10.62)	10.58	(10.54 - 10.62)
Aroclor-1260	1	3	7.76	(7.72 - 7.80)	7.76	(7.72 - 7.80)	7.76	(7.72 - 7.80)	11.07	(11.03 - 11.11)	11.07	(11.03 - 11.11)
Aroclor-1260	1	4	8.05	(8.01 - 8.09)	8.05	(8.01 - 8.09)	8.05	(8.01 - 8.09)	11.37	(11.33 - 11.41)	11.37	(11.33 - 11.41)
Aroclor-1260	1	5	8.76	(8.72 - 8.80)	8.76	(8.72 - 8.80)	8.76	(8.72 - 8.80)	12.09	(12.05 - 12.13)	12.09	(12.05 - 12.13)
Aroclor-1221	1	1										
Aroclor-1221	1	2										
Aroclor-1221	1	3										
Aroclor-1232	1	1										
Aroclor-1232	1	2										
Aroclor-1232	1	3										
Aroclor-1232	1	4										
Aroclor-1232	1	5										
Aroclor-1242	1	1										
Aroclor-1242	1	2										
Aroclor-1242	1	3										
Aroclor-1242	1	4										
Aroclor-1242	1	5										
Aroclor-1248	1	1										
Aroclor-1248	1	2										
Aroclor-1248	1	3										
Aroclor-1248	1	4										
Aroclor-1248	1	5										
Aroclor-1254	1	1										
Aroclor-1254	1	2										
Aroclor-1254	1	3										
Aroclor-1254	1	4										
Aroclor-1254	1	5										
Aroclor-1262	1	1										
Aroclor-1262	1	2										
Aroclor-1262	1	3										
Aroclor-1262	1	4										
Aroclor-1262	1	5										
Aroclor-1268	1	1										
Aroclor-1268	1	2										
Aroclor-1268	1	3										
Aroclor-1268	1	4										
Aroclor-1268	1	5										
DCB-Surrogate	1	0	10.04	(9.98 - 10.10)	10.05	(9.99 - 10.11)	10.04	(9.98 - 10.10)	13.30	(13.24 - 13.36)	13.29	(13.23 - 13.35)
TCMX-Surrogate	2	0	3.97	(3.91 - 4.03)	3.98	(3.92 - 4.04)	3.97	(3.91 - 4.03)	6.19	(6.13 - 6.25)	6.20	(6.14 - 6.26)
Aroclor-1016	2	1	4.54	(4.50 - 4.58)	4.55	(4.51 - 4.59)	4.55	(4.51 - 4.59)	7.14	(7.10 - 7.18)	7.15	(7.11 - 7.19)
Aroclor-1016	2	2	4.95	(4.91 - 4.99)	4.95	(4.91 - 4.99)	4.95	(4.91 - 4.99)	7.71	(7.67 - 7.75)	7.72	(7.68 - 7.76)
Aroclor-1016	2	3	5.32	(5.28 - 5.36)	5.32	(5.28 - 5.36)	5.32	(5.28 - 5.36)	8.19	(8.15 - 8.23)	8.20	(8.16 - 8.24)
Aroclor-1016	2	4	5.64	(5.60 - 5.68)	5.64	(5.60 - 5.68)	5.64	(5.60 - 5.68)	8.40	(8.36 - 8.44)	8.41	(8.37 - 8.45)
Aroclor-1016	2	5	6.00	(5.96 - 6.04)	6.00	(5.96 - 6.04)	6.00	(5.96 - 6.04)	8.58	(8.54 - 8.62)	8.59	(8.55 - 8.63)
Aroclor-1260	2	1	7.29	(7.25 - 7.33)	7.29	(7.25 - 7.33)	7.29	(7.25 - 7.33)	10.40	(10.36 - 10.44)	10.41	(10.37 - 10.45)
Aroclor-1260	2	2	7.37	(7.33 - 7.41)	7.37	(7.33 - 7.41)	7.37	(7.33 - 7.41)	10.49	(10.45 - 10.53)	10.50	(10.46 - 10.54)
Aroclor-1260	2	3	8.35	(8.31 - 8.39)	8.35	(8.31 - 8.39)	8.35	(8.31 - 8.39)	11.48	(11.44 - 11.52)	11.48	(11.44 - 11.52)
Aroclor-1260	2	4	9.04	(9.00 - 9.08)	9.04	(9.00 - 9.08)	9.04	(9.00 - 9.08)	12.16	(12.12 - 12.20)	12.17	(12.13 - 12.21)
Aroclor-1260	2	5	9.63	(9.59 - 9.67)	9.63	(9.59 - 9.67)	9.63	(9.59 - 9.67)	12.70	(12.66 - 12.74)	12.70	(12.66 - 12.74)
Aroclor-1221	2	1										
Aroclor-1221	2	2										
Aroclor-1221	2	3										
Aroclor-1232	2	1										
Aroclor-1232	2	2										
Aroclor-1232	2	3										
Aroclor-1232	2	4										
Aroclor-1232	2	5										
Aroclor-1242	2	1										
Aroclor-1242	2	2										
Aroclor-1242	2	3										
Aroclor-1242	2	4										
Aroclor-1242	2	5										
Aroclor-1248	2	1										
Aroclor-1248	2	2										
Aroclor-1248	2	3										
Aroclor-1248	2	4										
Aroclor-1248	2	5										
Aroclor-1254	2	1										
Aroclor-1254	2	2										
Aroclor-1254	2	3										
Aroclor-1254	2	4										
Aroclor-1254	2	5										
Aroclor-1262	2	1										
Aroclor-1262	2	2										
Aroclor-1262	2	3										
Aroclor-1262	2	4										
Aroclor-1262	2	5										
Aroclor-1268	2	1										
Aroclor-1268	2	2										
Aroclor-1268	2	3										
Aroclor-1268	2	4										
Aroclor-1268	2	5										
DCB-Surrogate	2	0	10.71	(10.65 - 10.77)	10.71	(10.65 - 10.77)	10.71	(10.65 - 10.77)	13.67	(13.61 - 13.73)	13.67	(13.61 - 13.73)

Wet Chemistry Data

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 3082608**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC74208-002	NY-P01-SB-2-5B-	Soil	1	19	Percent			08/27/13	08/26/13	08/23/13
AC74208-003	NY-P01-SB-2-5B-	Soil	1	84	Percent			08/27/13	08/26/13	08/23/13
AC74208-004	NY-P01-SB-2-5B-	Soil	1	91	Percent			08/27/13	08/26/13	08/23/13
AC74208-005	NY-P01-SB-2-5B-	Soil	1	22	Percent			08/27/13	08/26/13	08/23/13
AC74208-006	NY-P01-SB-2-5C-	Soil	1	20	Percent			08/27/13	08/26/13	08/23/13
AC74208-007	NY-P01-SB-2-5C-	Soil	1	17	Percent			08/27/13	08/26/13	08/23/13
AC74208-008	NY-P01-SB-2-5C-	Soil	1	84	Percent			08/27/13	08/26/13	08/23/13
AC74208-009	NY-P01-SB-2-5C-	Soil	1	20	Percent			08/27/13	08/26/13	08/23/13
AC74208-010	SO-20130823094	Soil	1	88	Percent			08/27/13	08/26/13	08/23/13

% Solids Report

Analysis Type: SOLIDS-SS
BatchID: SOLIDS-SS-2203

QcType	SampleID:	Rounded Result	Raw Result	Units	Tare Weight	Wet Weight	Dry Weight	Analysis Date	Analyzed By	QC RPD	Rpd Limit
DUP	AC74194-004	92	92.43295	Percent	1.10	11.54	10.74	08/27/13	hossain	0.22	5
Sample	AC74182-010	90	90.32882	Percent	1.11	11.45	10.44	08/27/13	hossain		
Sample	AC74182-011	84	84.19083	Percent	1.09	11.78	10.08	08/27/13	hossain		
Sample	AC74182-012	81	80.76923	Percent	1.09	11.75	9.69	08/27/13	hossain		
Sample	AC74182-013	86	85.91800	Percent	1.09	12.31	10.72	08/27/13	hossain		
Sample	AC74182-014	86	85.70111	Percent	1.09	11.93	10.38	08/27/13	hossain		
Sample	AC74182-017	84	84.11819	Percent	1.09	11.92	10.20	08/27/13	hossain		
Sample	AC74182-018	82	81.67293	Percent	1.10	11.74	9.79	08/27/13	hossain		
Sample	AC74194-004	92	92.23394	Percent	1.11	11.54	10.73	08/27/13	hossain		
Sample	AC74208-002	19	19.19476	Percent	1.10	11.78	3.26	08/27/13	hossain		
Sample	AC74208-003	84	84.37792	Percent	1.10	11.79	10.11	08/27/13	hossain		
Sample	AC74208-004	91	91.03815	Percent	1.09	12.36	11.35	08/27/13	hossain		
Sample	AC74208-005	22	22.13039	Percent	1.09	11.98	3.58	08/27/13	hossain		
Sample	AC74208-006	20	19.64981	Percent	1.08	11.36	3.22	08/27/13	hossain		
Sample	AC74208-007	17	17.19500	Percent	1.09	11.50	2.97	08/27/13	hossain		
Sample	AC74208-008	84	83.84321	Percent	1.11	11.57	9.88	08/27/13	hossain		
Sample	AC74208-009	20	19.80108	Percent	1.09	12.15	3.37	08/27/13	hossain		
Sample	AC74208-010	88	88.45438	Percent	1.08	11.82	10.57	08/27/13	hossain		
Sample	AC74215-001	81	81.19181	Percent	1.09	11.83	9.80	08/27/13	hossain		
Sample	AC74215-002	79	79.12297	Percent	1.09	11.58	9.39	08/27/13	hossain		
Sample	AC74215-003	84	84.21509	Percent	1.08	12.61	10.78	08/27/13	hossain		

* - Indicates Failed Rpd Criteria

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