

ANALYTICAL RESULTS SUMMARY

GC SEMI-VOLATILES

PROJECT NAME : R36884 - PCB

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : Q1573

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) PCB Group1- Case Narrative	4
3) Qualifier Page	6
4) QA Checklist	7
5) PCB Group1 Data	8
6) Shipping Document	91
6.1) CHAIN OF CUSTODY	92
6.2) Lab Certificate	95

1
2
3
4
5
6

Cover Page

Order ID : Q1573

Project ID : R36884 - PCB

Client : Tetra Tech, EMI

Lab Sample Number

Q1573-01
Q1573-02
Q1573-03
Q1573-04
Q1573-05
Q1573-06
Q1573-07
Q1573-08
Q1573-09
Q1573-10
Q1573-11
Q1573-12
Q1573-13

Client Sample Number

C0AC4
C0AC5
C0AC6
C0AC8
C0O29
C0O30
C0O31
C0O32
C0O33
C0O34
C0O35
C0AC7
C0O37

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:16 am, Mar 27, 2025

Date: 3/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R36884 - PCB

Project # N/A

Chemtech Project # Q1573

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

11 Solid samples were received on 03/14/2025.

2 Water samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for C0AC5 [Decachlorobiphenyl(1) - 31%] as per method one surrogate is allowed to failed, therefore no corrective action was taken.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:16 am, Mar 27, 2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1573

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 03/20/2025

LAB CHRONICLE

OrderID:	Q1573	OrderDate:	3/14/2025 11:04:00 AM
Client:	Tetra Tech, EMI	Project:	R36884 - PCB
Contact:	Ava Heiss	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1573-01	C0AC4	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-02	C0AC5	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-03	C0AC6	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/18/25	03/14/25
Q1573-04	C0AC8	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-05	C0029	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-06	C0030	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-07	C0031	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-08	C0032	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-09	C0033	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-10	C0034	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/17/25	03/14/25
Q1573-11	C0035	SOIL	PCB Group1	8082A	03/11/25	03/17/25	03/18/25	03/14/25
Q1573-12	C0AC7	WATER			03/12/25			03/14/25

LAB CHRONICLE

Q1573-13	C0037	WATER	PCB Group1	8082A		03/17/25	03/18/25	
					03/11/25			03/14/25
			PCB Group1	8082A		03/17/25	03/18/25	

Hit Summary Sheet SW-846

SDG No.: Q1573

Order ID: Q1573

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AC4								
Q1573-01	C0AC4	SOIL	Aroclor-1248	65.9		8.20	23.4	ug/kg
Q1573-01	C0AC4	SOIL	Aroclor-1260	23.7	P	4.40	23.4	ug/kg
Total Concentration:				89.600				
Client ID : C0AC5								
Q1573-02	C0AC5	SOIL	Aroclor-1248	85.7		9.30	26.7	ug/kg
Q1573-02	C0AC5	SOIL	Aroclor-1260	32.1		5.10	26.7	ug/kg
Total Concentration:				117.800				
Client ID : C0AC6								
Q1573-03	C0AC6	SOIL	Aroclor-1248	35.2		9.40	27.0	ug/kg
Q1573-03	C0AC6	SOIL	Aroclor-1260	21.8	J	5.10	27.0	ug/kg
Total Concentration:				57.000				
Client ID : C0AC8								
Q1573-04	C0AC8	SOIL	Aroclor-1248	153		10.0	28.7	ug/kg
Q1573-04	C0AC8	SOIL	Aroclor-1260	35.9		5.40	28.7	ug/kg
Total Concentration:				188.900				
Client ID : C0029								
Q1573-05	C0029	SOIL	Aroclor-1260	59.9		5.80	30.4	ug/kg
Total Concentration:				59.900				
Client ID : C0030								
Q1573-06	C0030	SOIL	Aroclor-1260	24.3	J	4.60	24.4	ug/kg
Total Concentration:				24.300				
Client ID : C0031								
Q1573-07	C0031	SOIL	Aroclor-1248	338		8.80	25.2	ug/kg
Q1573-07	C0031	SOIL	Aroclor-1260	97.8		4.80	25.2	ug/kg
Total Concentration:				435.800				

Hit Summary Sheet SW-846

SDG No.: Q1573

Order ID: Q1573

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0032								
Q1573-08	C0032	SOIL	Aroclor-1248	106		10.7	30.8	ug/kg
Q1573-08	C0032	SOIL	Aroclor-1260	30.7	J	5.90	30.8	ug/kg
Total Concentration:				136.700				
Client ID : C0033								
Q1573-09	C0033	SOIL	Aroclor-1248	204		9.20	26.3	ug/kg
Q1573-09	C0033	SOIL	Aroclor-1260	176		5.00	26.3	ug/kg
Total Concentration:				380.000				
Client ID : C0034								
Q1573-10	C0034	SOIL	Aroclor-1248	45.5		7.20	20.7	ug/kg
Q1573-10	C0034	SOIL	Aroclor-1260	9.60	J	3.90	20.7	ug/kg
Total Concentration:				55.100				
Client ID : C0035								
Q1573-11	C0035	SOIL	Aroclor-1248	25.5		7.60	21.8	ug/kg
Q1573-11	C0035	SOIL	Aroclor-1260	13.5	J	4.10	21.8	ug/kg
Total Concentration:				39.000				



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC4		SDG No.:	Q1573	
Lab Sample ID:	Q1573-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	72.5	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070601.D	1	03/17/25 08:35	03/17/25 17:15	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.4	U	5.40	23.4	ug/kg
11104-28-2	Aroclor-1221	23.4	U	5.50	23.4	ug/kg
11141-16-5	Aroclor-1232	23.4	U	5.10	23.4	ug/kg
53469-21-9	Aroclor-1242	23.4	U	5.50	23.4	ug/kg
12672-29-6	Aroclor-1248	65.9		8.20	23.4	ug/kg
11097-69-1	Aroclor-1254	23.4	U	4.40	23.4	ug/kg
37324-23-5	Aroclor-1262	23.4	U	6.90	23.4	ug/kg
11100-14-4	Aroclor-1268	23.4	U	5.00	23.4	ug/kg
11096-82-5	Aroclor-1260	23.7	P	4.40	23.4	ug/kg
Total PCBs	Total PCBs	89.6		12.6	23.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.0		32 - 175	50%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC5		SDG No.:	Q1573	
Lab Sample ID:	Q1573-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	63.5	Decanted:
Sample Wt/Vol:	30.1	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070609.D	1	03/17/25 08:35	03/17/25 19:58	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	26.7	U	6.20	26.7	ug/kg
11104-28-2	Aroclor-1221	26.7	U	6.30	26.7	ug/kg
11141-16-5	Aroclor-1232	26.7	U	5.80	26.7	ug/kg
53469-21-9	Aroclor-1242	26.7	U	6.30	26.7	ug/kg
12672-29-6	Aroclor-1248	85.7		9.30	26.7	ug/kg
11097-69-1	Aroclor-1254	26.7	U	5.00	26.7	ug/kg
37324-23-5	Aroclor-1262	26.7	U	7.90	26.7	ug/kg
11100-14-4	Aroclor-1268	26.7	U	5.70	26.7	ug/kg
11096-82-5	Aroclor-1260	32.1		5.10	26.7	ug/kg
Total PCBs	Total PCBs	118		14.4	26.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		32 - 144	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	6.89		32 - 175	34%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC6		SDG No.:	Q1573	
Lab Sample ID:	Q1573-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	62.8	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070644.D	1	03/17/25 08:35	03/18/25 09:42	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	27.0	U	6.30	27.0	ug/kg
11104-28-2	Aroclor-1221	27.0	U	6.40	27.0	ug/kg
11141-16-5	Aroclor-1232	27.0	U	5.90	27.0	ug/kg
53469-21-9	Aroclor-1242	27.0	U	6.40	27.0	ug/kg
12672-29-6	Aroclor-1248	35.2		9.40	27.0	ug/kg
11097-69-1	Aroclor-1254	27.0	U	5.10	27.0	ug/kg
37324-23-5	Aroclor-1262	27.0	U	8.00	27.0	ug/kg
11100-14-4	Aroclor-1268	27.0	U	5.70	27.0	ug/kg
11096-82-5	Aroclor-1260	21.8	J	5.10	27.0	ug/kg
Total PCBs	Total PCBs	57.0		14.5	27.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.1		32 - 144	66%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC8		SDG No.:	Q1573	
Lab Sample ID:	Q1573-04		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	59.2	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070611.D	1	03/17/25 08:35	03/17/25 20:30	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	28.7	U	6.70	28.7	ug/kg
11104-28-2	Aroclor-1221	28.7	U	6.80	28.7	ug/kg
11141-16-5	Aroclor-1232	28.7	U	6.30	28.7	ug/kg
53469-21-9	Aroclor-1242	28.7	U	6.80	28.7	ug/kg
12672-29-6	Aroclor-1248	153		10.0	28.7	ug/kg
11097-69-1	Aroclor-1254	28.7	U	5.40	28.7	ug/kg
37324-23-5	Aroclor-1262	28.7	U	8.50	28.7	ug/kg
11100-14-4	Aroclor-1268	28.7	U	6.10	28.7	ug/kg
11096-82-5	Aroclor-1260	35.9		5.40	28.7	ug/kg
Total PCBs	Total PCBs	188		15.4	28.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.7		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.11		32 - 175	36%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0029		SDG No.:	Q1573	
Lab Sample ID:	Q1573-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	55.8	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070612.D	1	03/17/25 08:35	03/17/25 20:47	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	30.4	U	7.10	30.4	ug/kg
11104-28-2	Aroclor-1221	30.4	U	7.20	30.4	ug/kg
11141-16-5	Aroclor-1232	30.4	U	6.70	30.4	ug/kg
53469-21-9	Aroclor-1242	30.4	U	7.20	30.4	ug/kg
12672-29-6	Aroclor-1248	30.4	U	10.6	30.4	ug/kg
11097-69-1	Aroclor-1254	30.4	U	5.70	30.4	ug/kg
37324-23-5	Aroclor-1262	30.4	U	9.00	30.4	ug/kg
11100-14-4	Aroclor-1268	30.4	U	6.40	30.4	ug/kg
11096-82-5	Aroclor-1260	59.9		5.80	30.4	ug/kg
Total PCBs	Total PCBs	59.9		5.80	30.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.1		32 - 175	60%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0030		SDG No.:	Q1573	
Lab Sample ID:	Q1573-06		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	69.5	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070613.D	1	03/17/25 08:35	03/17/25 21:03	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	24.4	U	5.70	24.4	ug/kg
11104-28-2	Aroclor-1221	24.4	U	5.80	24.4	ug/kg
11141-16-5	Aroclor-1232	24.4	U	5.30	24.4	ug/kg
53469-21-9	Aroclor-1242	24.4	U	5.80	24.4	ug/kg
12672-29-6	Aroclor-1248	24.4	U	8.50	24.4	ug/kg
11097-69-1	Aroclor-1254	24.4	U	4.60	24.4	ug/kg
37324-23-5	Aroclor-1262	24.4	U	7.20	24.4	ug/kg
11100-14-4	Aroclor-1268	24.4	U	5.20	24.4	ug/kg
11096-82-5	Aroclor-1260	24.3	J	4.60	24.4	ug/kg
Total PCBs	Total PCBs	24.3	J	4.60	24.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.33		32 - 175	47%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0031		SDG No.:	Q1573	
Lab Sample ID:	Q1573-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	67.5	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070614.D	1	03/17/25 08:35	03/17/25 21:19	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	25.2	U	5.80	25.2	ug/kg
11104-28-2	Aroclor-1221	25.2	U	6.00	25.2	ug/kg
11141-16-5	Aroclor-1232	25.2	U	5.50	25.2	ug/kg
53469-21-9	Aroclor-1242	25.2	U	5.90	25.2	ug/kg
12672-29-6	Aroclor-1248	338		8.80	25.2	ug/kg
11097-69-1	Aroclor-1254	25.2	U	4.70	25.2	ug/kg
37324-23-5	Aroclor-1262	25.2	U	7.40	25.2	ug/kg
11100-14-4	Aroclor-1268	25.2	U	5.30	25.2	ug/kg
11096-82-5	Aroclor-1260	97.8		4.80	25.2	ug/kg
Total PCBs	Total PCBs	436		13.6	25.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.9		32 - 175	54%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0032		SDG No.:	Q1573	
Lab Sample ID:	Q1573-08		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	55.1	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070615.D	1	03/17/25 08:35	03/17/25 21:35	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	30.8	U	7.20	30.8	ug/kg
11104-28-2	Aroclor-1221	30.8	U	7.30	30.8	ug/kg
11141-16-5	Aroclor-1232	30.8	U	6.70	30.8	ug/kg
53469-21-9	Aroclor-1242	30.8	U	7.30	30.8	ug/kg
12672-29-6	Aroclor-1248	106		10.7	30.8	ug/kg
11097-69-1	Aroclor-1254	30.8	U	5.80	30.8	ug/kg
37324-23-5	Aroclor-1262	30.8	U	9.10	30.8	ug/kg
11100-14-4	Aroclor-1268	30.8	U	6.50	30.8	ug/kg
11096-82-5	Aroclor-1260	30.7	J	5.90	30.8	ug/kg
Total PCBs	Total PCBs	137		16.6	30.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.9		32 - 175	69%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0033		SDG No.:	Q1573	
Lab Sample ID:	Q1573-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	64.6	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070616.D	1	03/17/25 08:35	03/17/25 21:52	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	26.3	U	6.10	26.3	ug/kg
11104-28-2	Aroclor-1221	26.3	U	6.20	26.3	ug/kg
11141-16-5	Aroclor-1232	26.3	U	5.80	26.3	ug/kg
53469-21-9	Aroclor-1242	26.3	U	6.20	26.3	ug/kg
12672-29-6	Aroclor-1248	204		9.20	26.3	ug/kg
11097-69-1	Aroclor-1254	26.3	U	5.00	26.3	ug/kg
37324-23-5	Aroclor-1262	26.3	U	7.80	26.3	ug/kg
11100-14-4	Aroclor-1268	26.3	U	5.60	26.3	ug/kg
11096-82-5	Aroclor-1260	176		5.00	26.3	ug/kg
Total PCBs	Total PCBs	380		14.2	26.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.20		32 - 175	46%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	03/11/25	
Project:	R36884 - PCB			Date Received:	03/14/25	
Client Sample ID:	C0034			SDG No.:	Q1573	
Lab Sample ID:	Q1573-10			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	82.1	Decanted:
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB Group1	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070617.D	1	03/17/25 08:35	03/17/25 22:08	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.7	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	20.7	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	20.7	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	20.7	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	45.5		7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	20.7	U	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	20.7	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	20.7	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	9.60	J	3.90	20.7	ug/kg
Total PCBs	Total PCBs	55.1		11.1	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.50		32 - 175	43%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0035		SDG No.:	Q1573	
Lab Sample ID:	Q1573-11		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	78	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070645.D	1	03/17/25 08:35	03/18/25 10:14	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.8	U	5.10	21.8	ug/kg
11104-28-2	Aroclor-1221	21.8	U	5.20	21.8	ug/kg
11141-16-5	Aroclor-1232	21.8	U	4.80	21.8	ug/kg
53469-21-9	Aroclor-1242	21.8	U	5.10	21.8	ug/kg
12672-29-6	Aroclor-1248	25.5		7.60	21.8	ug/kg
11097-69-1	Aroclor-1254	21.8	U	4.10	21.8	ug/kg
37324-23-5	Aroclor-1262	21.8	U	6.40	21.8	ug/kg
11100-14-4	Aroclor-1268	21.8	U	4.60	21.8	ug/kg
11096-82-5	Aroclor-1260	13.5	J	4.10	21.8	ug/kg
Total PCBs	Total PCBs	39.0		11.7	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	7.49		32 - 175	37%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/12/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC7		SDG No.:	Q1573	
Lab Sample ID:	Q1573-12		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	980	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070629.D	1	03/17/25 09:35	03/18/25 01:55	PB167172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.51	U	0.099	0.51	ug/L
11104-28-2	Aroclor-1221	0.51	U	0.13	0.51	ug/L
11141-16-5	Aroclor-1232	0.51	U	0.098	0.51	ug/L
53469-21-9	Aroclor-1242	0.51	U	0.12	0.51	ug/L
12672-29-6	Aroclor-1248	0.51	U	0.072	0.51	ug/L
11097-69-1	Aroclor-1254	0.51	U	0.096	0.51	ug/L
37324-23-5	Aroclor-1262	0.51	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.51	U	0.11	0.51	ug/L
11096-82-5	Aroclor-1260	0.51	U	0.083	0.51	ug/L
Total PCBs	Total PCBs	0.51	U	0.14	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		16 - 158	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	6.10		10 - 173	31%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	03/11/25	
Project:	R36884 - PCB			Date Received:	03/14/25	
Client Sample ID:	C0037			SDG No.:	Q1573	
Lab Sample ID:	Q1573-13			Matrix:	WATER	
Analytical Method:	SW8082A			% Solid:	0	Decanted:
Sample Wt/Vol:	970	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB Group1	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070630.D	1	03/17/25 09:35	03/18/25 02:11	PB167172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.52	U	0.10	0.52	ug/L
11104-28-2	Aroclor-1221	0.52	U	0.13	0.52	ug/L
11141-16-5	Aroclor-1232	0.52	U	0.099	0.52	ug/L
53469-21-9	Aroclor-1242	0.52	U	0.12	0.52	ug/L
12672-29-6	Aroclor-1248	0.52	U	0.073	0.52	ug/L
11097-69-1	Aroclor-1254	0.52	U	0.097	0.52	ug/L
37324-23-5	Aroclor-1262	0.52	U	0.14	0.52	ug/L
11100-14-4	Aroclor-1268	0.52	U	0.11	0.52	ug/L
11096-82-5	Aroclor-1260	0.52	U	0.084	0.52	ug/L
Total PCBs	Total PCBs	0.52	U	0.14	0.52	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		16 - 158	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	4.10		10 - 173	21%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q1573**

Client: **Tetra Tech, EMI**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP070418.D	PIBLK-PP070418.D	Tetrachloro-m-xylene	1	20	22.0	110		60	140
		Decachlorobiphenyl	1	20	23.1	116		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	23.5	117		60	140
I.BLK-PP070593.D	PIBLK-PP070593.D	Tetrachloro-m-xylene	1	20	19.6	98		60	140
		Decachlorobiphenyl	1	20	21.1	106		60	140
		Tetrachloro-m-xylene	2	20	21.4	107		60	140
		Decachlorobiphenyl	2	20	19.8	99		60	140
PB167154BL	PB167154BL	Tetrachloro-m-xylene	1	20	20.5	103		32	144
		Decachlorobiphenyl	1	20	22.4	112		32	175
		Tetrachloro-m-xylene	2	20	23.5	117		32	144
		Decachlorobiphenyl	2	20	20.3	101		32	175
PB167154BS	PB167154BS	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	22.8	114		32	175
		Tetrachloro-m-xylene	2	20	23.0	115		32	144
		Decachlorobiphenyl	2	20	21.3	107		32	175
Q1573-01	C0AC4	Tetrachloro-m-xylene	1	20	17.4	87		32	144
		Decachlorobiphenyl	1	20	10.0	50		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	9.81	49		32	175
Q1573-01MS	C0AC4MS	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	12.1	60		32	175
		Tetrachloro-m-xylene	2	20	18.2	91		32	144
		Decachlorobiphenyl	2	20	11.9	60		32	175
Q1573-01MSD	C0AC4MSD	Tetrachloro-m-xylene	1	20	18.7	93		32	144
		Decachlorobiphenyl	1	20	12.4	62		32	175
		Tetrachloro-m-xylene	2	20	20.1	100		32	144
		Decachlorobiphenyl	2	20	12.3	62		32	175
I.BLK-PP070608.D	PIBLK-PP070608.D	Tetrachloro-m-xylene	1	20	19.7	99		60	140
		Decachlorobiphenyl	1	20	21.2	106		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
		Decachlorobiphenyl	2	20	20.3	101		60	140
Q1573-02	C0AC5	Tetrachloro-m-xylene	1	20	14.8	74		32	144
		Decachlorobiphenyl	1	20	6.12	31	*	32	175
		Tetrachloro-m-xylene	2	20	15.6	78		32	144
		Decachlorobiphenyl	2	20	6.89	34		32	175
Q1573-04	C0AC8	Tetrachloro-m-xylene	1	20	15.7	79		32	144
		Decachlorobiphenyl	1	20	6.80	34		32	175
		Tetrachloro-m-xylene	2	20	17.7	89		32	144
		Decachlorobiphenyl	2	20	7.11	36		32	175
Q1573-05	C0029	Tetrachloro-m-xylene	1	20	17.5	88		32	144

Surrogate Summary

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1573-05	C0029	Decachlorobiphenyl	1	20	11.9	59		32	175
		Tetrachloro-m-xylene	2	20	20.3	101		32	144
Q1573-06	C0030	Decachlorobiphenyl	2	20	12.1	60		32	175
		Tetrachloro-m-xylene	1	20	17.6	88		32	144
		Decachlorobiphenyl	1	20	9.25	46		32	175
		Tetrachloro-m-xylene	2	20	20.1	100		32	144
		Decachlorobiphenyl	2	20	9.33	47		32	175
		Tetrachloro-m-xylene	1	20	19.2	96		32	144
Q1573-07	C0031	Decachlorobiphenyl	1	20	10.4	52		32	175
		Tetrachloro-m-xylene	2	20	22.1	111		32	144
		Decachlorobiphenyl	2	20	10.9	54		32	175
		Tetrachloro-m-xylene	1	20	19.4	97		32	144
Q1573-08	C0032	Decachlorobiphenyl	1	20	13.9	69		32	175
		Tetrachloro-m-xylene	2	20	21.1	106		32	144
		Decachlorobiphenyl	2	20	13.5	67		32	175
		Tetrachloro-m-xylene	1	20	17.4	87		32	144
Q1573-09	C0033	Decachlorobiphenyl	1	20	8.87	44		32	175
		Tetrachloro-m-xylene	2	20	19.2	96		32	144
		Decachlorobiphenyl	2	20	9.20	46		32	175
		Tetrachloro-m-xylene	1	20	16.6	83		32	144
Q1573-10	C0034	Decachlorobiphenyl	1	20	8.19	41		32	175
		Tetrachloro-m-xylene	2	20	18.1	90		32	144
		Decachlorobiphenyl	2	20	8.50	43		32	175
		Tetrachloro-m-xylene	1	20	19.9	99		60	140
I.BLK-PP070623.D	PIBLK-PP070623.D	Decachlorobiphenyl	1	20	21.4	107		60	140
		Tetrachloro-m-xylene	2	20	21.8	109		60	140
		Decachlorobiphenyl	2	20	21.8	109		60	140
		Tetrachloro-m-xylene	1	20	19.9	99		16	158
PB167172BL	PB167172BL	Decachlorobiphenyl	1	20	19.7	99		10	173
		Tetrachloro-m-xylene	2	20	21.7	108		16	158
		Decachlorobiphenyl	2	20	18.2	91		10	173
		Tetrachloro-m-xylene	1	20	21.1	106		16	158
PB167172BS	PB167172BS	Decachlorobiphenyl	1	20	21.1	105		10	173
		Tetrachloro-m-xylene	2	20	22.0	110		16	158
		Decachlorobiphenyl	2	20	19.3	97		10	173
		Tetrachloro-m-xylene	1	20	21.6	108		16	158
PB167172BSD	PB167172BSD	Decachlorobiphenyl	1	20	22.0	110		10	173
		Tetrachloro-m-xylene	2	20	22.6	113		16	158
		Decachlorobiphenyl	2	20	20.1	100		10	173
		Tetrachloro-m-xylene	1	20	18.4	92		16	158
Q1573-12	C0AC7	Decachlorobiphenyl	1	20	5.85	29		10	173

Surrogate Summary

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1573-12	C0AC7	Tetrachloro-m-xylene	2	20	19.1	96		16	158
		Decachlorobiphenyl	2	20	6.10	31		10	173
Q1573-13	C0037	Tetrachloro-m-xylene	1	20	14.2	71		16	158
		Decachlorobiphenyl	1	20	4.10	21		10	173
		Tetrachloro-m-xylene	2	20	15.3	77		16	158
		Decachlorobiphenyl	2	20	3.94	20		10	173
I.BLK-PP070636.D	PIBLK-PP070636.D	Tetrachloro-m-xylene	1	20	19.8	99		60	140
		Decachlorobiphenyl	1	20	20.8	104		60	140
		Tetrachloro-m-xylene	2	20	20.3	101		60	140
		Decachlorobiphenyl	2	20	19.3	96		60	140
I.BLK-PP070642.D	PIBLK-PP070642.D	Tetrachloro-m-xylene	1	20	19.7	99		60	140
		Decachlorobiphenyl	1	20	21.1	106		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
Q1573-03	C0AC6	Tetrachloro-m-xylene	1	20	11.5	58		32	144
		Decachlorobiphenyl	1	20	17.4	87		32	175
		Tetrachloro-m-xylene	2	20	13.1	66		32	144
		Decachlorobiphenyl	2	20	17.2	86		32	175
Q1573-11	C0035	Tetrachloro-m-xylene	1	20	13.0	65		32	144
		Decachlorobiphenyl	1	20	7.20	36		32	175
		Tetrachloro-m-xylene	2	20	15.2	76		32	144
		Decachlorobiphenyl	2	20	7.49	37		32	175
I.BLK-PP070651.D	PIBLK-PP070651.D	Tetrachloro-m-xylene	1	20	19.6	98		60	140
		Decachlorobiphenyl	1	20	21.4	107		60	140
		Tetrachloro-m-xylene	2	20	20.6	103		60	140
		Decachlorobiphenyl	2	20	20.6	103		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: 8082A

DataFile : PP070602.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1573-01MS	C0AC4MS											
	AR1016	229.4	0	245	ug/kg	107				55	146	
	AR1260	229.4	23.7	201	ug/kg	77				31	146	

A

B

C

D

E

F

G

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: 8082A

DataFile : PP070603.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1573-01MSD	C0AC4MSD											
	AR1016	229.7	0	239	ug/kg	104		3		55	146	20
	AR1260	229.7	23.7	198	ug/kg	76		1		31	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: **8082A** Datafile : PP070595.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167154BS	AR1016	166.6	167	ug/kg	100				71	120		
	AR1260	166.6	159	ug/kg	95				65	130		

A

B

C

D

E

F

G

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: **8082A** Datafile : PP070627.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167172BS	AR1016	5	4.50	ug/L	90				61	112		
	AR1260	5	4.20	ug/L	84				66	113		

A

B

C

D

E

F

G

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1573

Client: Tetra Tech, EMI

Analytical Method: 8082A **Datafile :** PP070628.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167172BSD	AR1016	5	4.50	ug/L	90	0			61	112	20
	AR1260	5	4.40	ug/L	88	5			66	113	20

A

B

C

D

E

F

G

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167154BL

Lab Name: CHEMTECH

Contract: TETR16

Lab Code: CHEM Case No.: Q1573

SAS No.: Q1573 SDG NO.: Q1573

Lab Sample ID: PB167154BL

Lab File ID: PP070594.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/17/2025

Date Analyzed (1): 03/17/2025

Date Analyzed (2): 03/17/2025

Time Analyzed (1): 15:22

Time Analyzed (2): 15:22

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167154BS	PB167154BS	PP070595.D	03/17/2025	03/17/2025
C0AC4	Q1573-01	PP070601.D	03/17/2025	03/17/2025
C0AC4MS	Q1573-01MS	PP070602.D	03/17/2025	03/17/2025
C0AC4MSD	Q1573-01MSD	PP070603.D	03/17/2025	03/17/2025
C0AC5	Q1573-02	PP070609.D	03/17/2025	03/17/2025
C0AC8	Q1573-04	PP070611.D	03/17/2025	03/17/2025
C0O29	Q1573-05	PP070612.D	03/17/2025	03/17/2025
C0O30	Q1573-06	PP070613.D	03/17/2025	03/17/2025
C0O31	Q1573-07	PP070614.D	03/17/2025	03/17/2025
C0O32	Q1573-08	PP070615.D	03/17/2025	03/17/2025
C0O33	Q1573-09	PP070616.D	03/17/2025	03/17/2025
C0O34	Q1573-10	PP070617.D	03/17/2025	03/17/2025
C0AC6	Q1573-03	PP070644.D	03/18/2025	03/18/2025
C0O35	Q1573-11	PP070645.D	03/18/2025	03/18/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167172BL

Lab Name: CHEMTECH

Contract: TETR16

Lab Code: CHEM Case No.: Q1573

SAS No.: Q1573 SDG NO.: Q1573

Lab Sample ID: PB167172BL

Lab File ID: PP070626.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/17/2025

Date Analyzed (1): 03/18/2025

Date Analyzed (2): 03/18/2025

Time Analyzed (1): 01:06

Time Analyzed (2): 01:06

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167172BS	PB167172BS	PP070627.D	03/18/2025	03/18/2025
PB167172BSD	PB167172BSD	PP070628.D	03/18/2025	03/18/2025
C0AC7	Q1573-12	PP070629.D	03/18/2025	03/18/2025
C0O37	Q1573-13	PP070630.D	03/18/2025	03/18/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1573 **SAS No.:** Q1573 **SDG NO.:** Q1573
Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025
Calibration Times: 15:13 23:38

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **RT 1000 =** PP070419.D **RT 750 =** PP070420.D
RT 500 = PP070421.D **RT 250 =** PP070422.D **RT 050 =** PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM TO	
Aroclor-1016-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1016-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1016-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1016-5	(5)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1260-1	(1)	7.27	7.27	7.27	7.27	7.27	7.27	7.17	7.37
Aroclor-1260-2	(2)	7.53	7.52	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1260-3	(3)	7.89	7.88	7.88	7.89	7.89	7.88	7.78	7.98
Aroclor-1260-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.25	10.25	10.25	10.26	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.53	4.53	4.53	4.43	4.63
Aroclor-1232-1	(1)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1232-2	(2)	5.41	5.41	5.41	5.41	5.41	5.41	5.31	5.51
Aroclor-1232-3	(3)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1232-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1232-5	(5)	5.95	5.95	5.95	5.95	5.94	5.95	5.85	6.05
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.26	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1242-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1242-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-3	(3)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1242-4	(4)	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1242-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.53	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1248-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1248-2	(2)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1248-3	(3)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1248-4	(4)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1248-5	(5)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Decachlorobiphenyl		10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene		4.53	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1254-1	(1)	6.53	6.53	6.53	6.52	6.53	6.53	6.43	6.63
Aroclor-1254-2	(2)	6.74	6.74	6.75	6.74	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.11	7.11	7.11	7.10	7.11	7.11	7.01	7.21
Aroclor-1254-4	(4)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1254-5	(5)	7.81	7.81	7.81	7.80	7.81	7.81	7.71	7.91

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene	4.53	4.52	4.53	4.52	4.53	4.53	4.43	4.63
Aroclor-1268-1 (1)	8.75	8.74	8.74	8.74	8.75	8.74	8.64	8.84
Aroclor-1268-2 (2)	8.84	8.84	8.83	8.83	8.84	8.84	8.74	8.94
Aroclor-1268-3 (3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4 (4)	9.49	9.49	9.49	9.49	9.49	9.49	9.39	9.59
Aroclor-1268-5 (5)	9.91	9.91	9.90	9.91	9.91	9.91	9.81	10.01
Decachlorobiphenyl	10.25	10.25	10.25	10.25	10.25	10.25	10.15	10.35
Tetrachloro-m-xylene	4.53	4.53	4.52	4.52	4.53	4.53	4.43	4.63

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1573 **SAS No.:** Q1573 **SDG NO.:** Q1573
Instrument ID: ECD_P **Calibration Date(s):** 03/11/2025 03/11/2025
Calibration Times: 15:13 23:38

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **RT 1000 =** PP070419.D **RT 750 =** PP070420.D
RT 500 = PP070421.D **RT 250 =** PP070422.D **RT 050 =** PP070423.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1016-4	(4)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1016-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1260-1	(1)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-2	(2)	6.59	6.59	6.60	6.59	6.59	6.59	6.49	6.69
Aroclor-1260-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1260-4	(4)	7.22	7.22	7.22	7.22	7.22	7.22	7.12	7.32
Aroclor-1260-5	(5)	7.46	7.46	7.46	7.46	7.46	7.46	7.36	7.56
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1232-1	(1)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1232-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1232-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1232-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1232-5	(5)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1242-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.93	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1242-4	(4)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1242-5	(5)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1248-1	(1)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1248-2	(2)	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Aroclor-1248-3	(3)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1248-4	(4)	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Aroclor-1248-5	(5)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Decachlorobiphenyl		8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene		3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1254-1	(1)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1254-2	(2)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1254-3	(3)	6.28	6.28	6.27	6.27	6.28	6.28	6.18	6.38
Aroclor-1254-4	(4)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1254-5	(5)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93
Aroclor-1268-1 (1)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-2 (2)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-3 (3)	8.02	8.02	8.02	8.01	8.01	8.02	7.92	8.12
Aroclor-1268-4 (4)	8.31	8.31	8.31	8.31	8.31	8.31	8.21	8.41
Aroclor-1268-5 (5)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Decachlorobiphenyl	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Tetrachloro-m-xylene	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Instrument ID: ECD_P

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP070419.D</u>		CF 750 = <u>PP070420.D</u>			
CF 500 = <u>PP070421.D</u>		CF 250 = <u>PP070422.D</u>		CF 050 = <u>PP070423.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	46284919	48624555	51195480	56320148	56830900	51851200
Aroclor-1016-2	(2)	68727144	72260815	75092688	79473188	62170340	71544835
Aroclor-1016-3	(3)	41881157	43836071	46346194	49629608	45996640	45537934
Aroclor-1016-4	(4)	34693414	37117197	39579046	42287028	41512180	39037773
Aroclor-1016-5	(5)	32535779	33720589	35503344	36571056	34779300	34622014
Aroclor-1260-1	(1)	55067637	58265401	60660348	63250936	56446720	58738208
Aroclor-1260-2	(2)	75483004	79277409	82983970	87347188	85123440	82043002
Aroclor-1260-3	(3)	62678610	64989695	68010270	70682128	62427680	65757677
Aroclor-1260-4	(4)	60990738	64683661	66152948	69503548	65382940	65342767
Aroclor-1260-5	(5)	130557968	135103443	140419232	146528904	130778620	136677633
Decachlorobiphenyl		1005446690	1044219213	1084386360	1134008440	1043654800	1062343101
Tetrachloro-m-xylene		1462968010	1529300040	1575427920	1661278640	1547936200	1555382162
Aroclor-1232-1	(1)	31812517	33409335	34815870	38072588	39676960	35557454
Aroclor-1232-2	(2)	16331114	17367928	17709532	17293972	15638140	16868137
Aroclor-1232-3	(3)	33685372	35206453	37651060	39178940	37126640	36569693
Aroclor-1232-4	(4)	17112653	18207945	18881288	20579940	20189680	18994301
Aroclor-1232-5	(5)	12358074	13019340	13596998	11696560	14140280	12962250
Decachlorobiphenyl		1007346640	1061633867	1110112680	1150608440	1055455400	1077031405
Tetrachloro-m-xylene		1503870440	1587673493	1628432540	1684437880	1564380200	1593758911
Aroclor-1242-1	(1)	39253435	41704367	43482132	47856472	49946320	44448545
Aroclor-1242-2	(2)	58252556	60113944	62228844	66050560	60258320	61380845
Aroclor-1242-3	(3)	35362447	36380501	38652894	41645404	33464760	37101201
Aroclor-1242-4	(4)	29479509	30833784	32552722	35082164	32717220	32133080
Aroclor-1242-5	(5)	29991669	31404576	32011208	32699504	29130640	31047519
Decachlorobiphenyl		1017143570	1063398627	1098678020	1146617040	1019213600	1069010171
Tetrachloro-m-xylene		1483500490	1538532373	1587702840	1655080400	1578490200	1568661261
Aroclor-1248-1	(1)	30241509	31836707	34371560	37879708	36450300	34155957
Aroclor-1248-2	(2)	39839483	41732589	44072986	47187728	39403540	42447265
Aroclor-1248-3	(3)	43671743	45535401	47272778	48829472	45433820	46148643
Aroclor-1248-4	(4)	52673121	54800967	57547552	61348180	63586480	57991260
Aroclor-1248-5	(5)	49495855	52225937	54279376	57435820	54999800	53687358
Decachlorobiphenyl		1018745530	1065079280	1110066380	1164168240	1044426200	1080497126
Tetrachloro-m-xylene		1464367110	1509550200	1593080400	1654989520	1637278400	1571853126
Aroclor-1254-1	(1)	52191144	54776691	58408862	62528540	58393680	57259783

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	76163232	79292283	83746208	89006644	77052340	81052141	7
Aroclor-1254-3	(3)	78867294	81324341	86343146	90140028	84184220	84171806	5
Aroclor-1254-4	(4)	65665428	68036704	71633390	75767876	69582520	70137184	5
Aroclor-1254-5	(5)	65604720	67856063	71049052	74607116	70169360	69857262	5
Decachlorobiphenyl		1051774640	1084735960	1131757040	1190025520	1071423800	1105943392	5
Tetrachloro-m-xylene		1491401080	1547951320	1596952960	1679816880	1638007800	1590826008	5
Aroclor-1268-1	(1)	188529701	191493623	201496426	211079324	198399040	198199623	4
Aroclor-1268-2	(2)	162712211	165423828	173208520	180425992	166812140	169716538	4
Aroclor-1268-3	(3)	139964894	142620983	149835492	155687892	143563980	146334648	4
Aroclor-1268-4	(4)	62601215	63262983	66177076	67604984	59759620	63881176	5
Aroclor-1268-5	(5)	401160937	407647449	423231624	443337256	421401480	419355749	4
Decachlorobiphenyl		1797305300	1841882720	1928545440	2018232880	1865263000	1890245868	5
Tetrachloro-m-xylene		1559644910	1556664040	1644040220	1708675120	1710882200	1635981298	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Instrument ID: ECD_P

Calibration Date(s): 03/11/2025 03/11/2025

Calibration Times: 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP070419.D</u>		CF 750 = <u>PP070420.D</u>			
CF 500 = <u>PP070421.D</u>		CF 250 = <u>PP070422.D</u>		CF 050 = <u>PP070423.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	31619052	35012463	36116294	39457560	37557300	35952534
Aroclor-1016-2	(2)	44662617	48866077	51001758	55603496	59699380	51966666
Aroclor-1016-3	(3)	24906943	27191785	28703256	30683884	30781120	28453398
Aroclor-1016-4	(4)	19770953	21670935	22902960	24389748	23214920	22389903
Aroclor-1016-5	(5)	25646269	27397575	29268330	32409960	33872260	29718879
Aroclor-1260-1	(1)	45267436	47641613	50061678	53643092	52308080	49784380
Aroclor-1260-2	(2)	60652513	64073769	66616364	70066968	69027800	66087483
Aroclor-1260-3	(3)	52248928	55432315	57823148	61011000	59471320	57197342
Aroclor-1260-4	(4)	47067710	49841909	53961982	55559372	49386640	51163523
Aroclor-1260-5	(5)	123950775	130046140	135804906	136761852	117362580	128785251
Decachlorobiphenyl		935400030	944501173	996009380	1027099200	988797000	978361357
Tetrachloro-m-xylene		901898260	976425347	1019517980	1052535320	1061027800	1002280941
Aroclor-1232-1	(1)	23977464	25043855	25876362	28218616	28432280	26309715
Aroclor-1232-2	(2)	23409194	24148587	25178540	27689696	28634420	25812087
Aroclor-1232-3	(3)	12864968	13117912	13753150	14320588	15988100	14008944
Aroclor-1232-4	(4)	10909254	11094221	11677434	12331552	12548800	11712252
Aroclor-1232-5	(5)	12122932	12663212	13051746	13538632	13963480	13068000
Decachlorobiphenyl		923591970	934486067	965069440	1131453800	1083832600	1007686775
Tetrachloro-m-xylene		981294310	1023698747	1027014040	1102661240	1188146200	1064562907
Aroclor-1242-1	(1)	28374294	28991207	30174104	32528448	32989020	30611415
Aroclor-1242-2	(2)	40120133	40663773	41940388	45612680	49650880	43597571
Aroclor-1242-3	(3)	22172127	22503904	23797688	25561184	25126720	23832325
Aroclor-1242-4	(4)	20777408	21261321	22368954	23941300	21863540	22042505
Aroclor-1242-5	(5)	26011255	26949576	28142034	29660872	28841860	27921119
Decachlorobiphenyl		890780220	996610280	1018649180	1070124720	1151487200	1025530320
Tetrachloro-m-xylene		949681240	969479187	1000171980	1041407720	1043402000	1000828425
Aroclor-1248-1	(1)	21916865	22139940	24138102	25281632	23901120	23475532
Aroclor-1248-2	(2)	28154371	29147072	31604814	33306732	34304240	31303446
Aroclor-1248-3	(3)	29522180	30421332	32954472	34362676	31347200	31721572
Aroclor-1248-4	(4)	34974296	35760019	38441344	40862964	44827240	38973173
Aroclor-1248-5	(5)	34216861	35543065	38522800	40509348	41641320	38086679
Decachlorobiphenyl		933290630	982033680	1000188180	1068098600	1015594400	999841098
Tetrachloro-m-xylene		948607640	978544213	1031768560	1070844800	1068084800	1019570003
Aroclor-1254-1	(1)	49741488	53083060	56518628	60344088	61926700	56322793

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	43195538	45981229	48525194	52438220	54392240	48906484	9
Aroclor-1254-3	(3)	69004581	72181184	75732026	81417896	78754240	75417985	7
Aroclor-1254-4	(4)	48529875	50966111	53417608	57048936	53797000	52751906	6
Aroclor-1254-5	(5)	63254548	65263447	68912458	73214624	74627960	69054607	7
Decachlorobiphenyl		966187920	982212947	1086993960	1153126680	1151501200	1068004541	8
Tetrachloro-m-xylene		967205180	984098413	1019987640	1086171680	989309800	1009354543	5
Aroclor-1268-1	(1)	168373725	166057156	179047242	187011272	174871700	175072219	5
Aroclor-1268-2	(2)	142006892	140092196	149842434	153490708	144862740	146058994	4
Aroclor-1268-3	(3)	125351560	120465205	129564250	133099628	133160800	128328289	4
Aroclor-1268-4	(4)	54287293	53233979	56809814	58479952	52090820	54980372	5
Aroclor-1268-5	(5)	364151928	362236821	378313444	380892964	354578080	368034647	3
Decachlorobiphenyl		1632116030	1658280453	1742317540	1836812000	1806314000	1735168005	5
Tetrachloro-m-xylene		1019432100	1034489600	1102868440	1184868600	1114308600	1091193468	6

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Instrument ID: ECD_P Date(s) Analyzed: 03/11/2025 03/11/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.73	4.63	4.83	19940100
		2	4.81	4.71	4.91	14608700
		3	4.89	4.79	4.99	44364600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.11	8.01	8.21	81718600
		2	8.43	8.33	8.53	164714000
		3	8.75	8.65	8.85	112164000
		4	8.83	8.73	8.93	83803800
		5	9.49	9.39	9.59	58896200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Instrument ID: ECD_P Date(s) Analyzed: 03/11/2025 03/11/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.04	3.94	4.14	14882500
		2	4.13	4.03	4.23	11429100
		3	4.20	4.10	4.30	33421800
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.96	6.86	7.06	83664000
		2	7.22	7.12	7.32	68729800
		3	7.74	7.64	7.84	65986200
		4	7.81	7.71	7.91	104435000
		5	8.31	8.21	8.41	51550000

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 14:00 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 14:00 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.22	7.22	7.12	7.32	0.00
Aroclor-1260-5	(5)	7.46	7.46	7.36	7.56	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070589.D Time Analyzed: 14:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.674	5.577	5.777	464.700	500.000	-7.1
Aroclor-1016-2	5.696	5.599	5.799	510.500	500.000	2.1
Aroclor-1016-3	5.759	5.661	5.861	489.260	500.000	-2.1
Aroclor-1016-4	5.856	5.758	5.958	488.460	500.000	-2.3
Aroclor-1016-5	6.149	6.051	6.251	489.200	500.000	-2.2
Aroclor-1260-1	7.268	7.171	7.371	520.980	500.000	4.2
Aroclor-1260-2	7.521	7.425	7.625	510.080	500.000	2.0
Aroclor-1260-3	7.880	7.783	7.983	512.770	500.000	2.6
Aroclor-1260-4	8.104	8.008	8.208	494.890	500.000	-1.0
Aroclor-1260-5	8.424	8.328	8.528	504.270	500.000	0.9
Decachlorobiphenyl	10.245	10.152	10.352	50.120	50.000	0.2
Tetrachloro-m-xylene	4.523	4.424	4.624	48.210	50.000	-3.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070589.D Time Analyzed: 14:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.913	4.817	5.017	513.500	500.000	2.7
Aroclor-1016-2	4.932	4.836	5.036	494.410	500.000	-1.1
Aroclor-1016-3	5.109	5.013	5.213	506.870	500.000	1.4
Aroclor-1016-4	5.150	5.054	5.254	516.010	500.000	3.2
Aroclor-1016-5	5.365	5.270	5.470	506.660	500.000	1.3
Aroclor-1260-1	6.402	6.307	6.507	504.610	500.000	0.9
Aroclor-1260-2	6.590	6.495	6.695	495.670	500.000	-0.9
Aroclor-1260-3	6.744	6.649	6.849	493.220	500.000	-1.4
Aroclor-1260-4	7.215	7.121	7.321	472.030	500.000	-5.6
Aroclor-1260-5	7.456	7.362	7.562	467.540	500.000	-6.5
Decachlorobiphenyl	8.874	8.781	8.981	46.020	50.000	-8.0
Tetrachloro-m-xylene	3.826	3.729	3.929	51.360	50.000	2.7

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 18:37 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 18:37 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.46	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070604.D Time Analyzed: 18:37

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.675	5.577	5.777	469.500	500.000	-6.1
Aroclor-1016-2	5.697	5.599	5.799	514.170	500.000	2.8
Aroclor-1016-3	5.760	5.661	5.861	487.100	500.000	-2.6
Aroclor-1016-4	5.857	5.758	5.958	482.110	500.000	-3.6
Aroclor-1016-5	6.150	6.051	6.251	481.210	500.000	-3.8
Aroclor-1260-1	7.268	7.171	7.371	506.790	500.000	1.4
Aroclor-1260-2	7.522	7.425	7.625	510.190	500.000	2.0
Aroclor-1260-3	7.880	7.783	7.983	511.570	500.000	2.3
Aroclor-1260-4	8.105	8.008	8.208	492.860	500.000	-1.4
Aroclor-1260-5	8.425	8.328	8.528	503.040	500.000	0.6
Decachlorobiphenyl	10.243	10.152	10.352	49.810	50.000	-0.4
Tetrachloro-m-xylene	4.524	4.424	4.624	49.030	50.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070604.D Time Analyzed: 18:37

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.911	4.817	5.017	510.710	500.000	2.1
Aroclor-1016-2	4.930	4.836	5.036	494.880	500.000	-1.0
Aroclor-1016-3	5.107	5.013	5.213	500.540	500.000	0.1
Aroclor-1016-4	5.149	5.054	5.254	510.540	500.000	2.1
Aroclor-1016-5	5.364	5.270	5.470	504.900	500.000	1.0
Aroclor-1260-1	6.400	6.307	6.507	489.900	500.000	-2.0
Aroclor-1260-2	6.588	6.495	6.695	481.780	500.000	-3.6
Aroclor-1260-3	6.742	6.649	6.849	478.610	500.000	-4.3
Aroclor-1260-4	7.214	7.121	7.321	459.970	500.000	-8.0
Aroclor-1260-5	7.455	7.362	7.562	464.860	500.000	-7.0
Decachlorobiphenyl	8.871	8.781	8.981	44.050	50.000	-11.9
Tetrachloro-m-xylene	3.824	3.729	3.929	49.130	50.000	-1.7

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 23:13 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 23:13 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070619.D Time Analyzed: 23:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.671	5.577	5.777	479.620	500.000	-4.1
Aroclor-1016-2	5.693	5.599	5.799	505.960	500.000	1.2
Aroclor-1016-3	5.755	5.661	5.861	488.720	500.000	-2.3
Aroclor-1016-4	5.852	5.758	5.958	482.070	500.000	-3.6
Aroclor-1016-5	6.145	6.051	6.251	479.000	500.000	-4.2
Aroclor-1260-1	7.263	7.171	7.371	532.850	500.000	6.6
Aroclor-1260-2	7.517	7.425	7.625	519.140	500.000	3.8
Aroclor-1260-3	7.876	7.783	7.983	516.370	500.000	3.3
Aroclor-1260-4	8.100	8.008	8.208	495.460	500.000	-0.9
Aroclor-1260-5	8.421	8.328	8.528	507.150	500.000	1.4
Decachlorobiphenyl	10.238	10.152	10.352	49.870	50.000	-0.3
Tetrachloro-m-xylene	4.519	4.424	4.624	49.180	50.000	-1.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070619.D Time Analyzed: 23:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.909	4.817	5.017	513.180	500.000	2.6
Aroclor-1016-2	4.928	4.836	5.036	497.390	500.000	-0.5
Aroclor-1016-3	5.106	5.013	5.213	503.780	500.000	0.8
Aroclor-1016-4	5.147	5.054	5.254	499.050	500.000	-0.2
Aroclor-1016-5	5.362	5.270	5.470	514.880	500.000	3.0
Aroclor-1260-1	6.398	6.307	6.507	491.090	500.000	-1.8
Aroclor-1260-2	6.586	6.495	6.695	484.330	500.000	-3.1
Aroclor-1260-3	6.740	6.649	6.849	474.160	500.000	-5.2
Aroclor-1260-4	7.212	7.121	7.321	465.710	500.000	-6.9
Aroclor-1260-5	7.453	7.362	7.562	469.060	500.000	-6.2
Decachlorobiphenyl	8.869	8.781	8.981	46.790	50.000	-6.4
Tetrachloro-m-xylene	3.823	3.729	3.929	51.300	50.000	2.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 03:16 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 03:16 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070632.D Time Analyzed: 03:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.672	5.577	5.777	477.300	500.000	-4.5
Aroclor-1016-2	5.693	5.599	5.799	504.430	500.000	0.9
Aroclor-1016-3	5.756	5.661	5.861	489.900	500.000	-2.0
Aroclor-1016-4	5.853	5.758	5.958	485.900	500.000	-2.8
Aroclor-1016-5	6.146	6.051	6.251	473.720	500.000	-5.3
Aroclor-1260-1	7.264	7.171	7.371	516.310	500.000	3.3
Aroclor-1260-2	7.517	7.425	7.625	503.450	500.000	0.7
Aroclor-1260-3	7.876	7.783	7.983	500.910	500.000	0.2
Aroclor-1260-4	8.100	8.008	8.208	475.030	500.000	-5.0
Aroclor-1260-5	8.420	8.328	8.528	494.600	500.000	-1.1
Decachlorobiphenyl	10.239	10.152	10.352	49.060	50.000	-1.9
Tetrachloro-m-xylene	4.520	4.424	4.624	48.860	50.000	-2.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070632.D Time Analyzed: 03:16

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.910	4.817	5.017	496.870	500.000	-0.6
Aroclor-1016-2	4.929	4.836	5.036	485.020	500.000	-3.0
Aroclor-1016-3	5.106	5.013	5.213	493.700	500.000	-1.3
Aroclor-1016-4	5.147	5.054	5.254	491.490	500.000	-1.7
Aroclor-1016-5	5.362	5.270	5.470	528.450	500.000	5.7
Aroclor-1260-1	6.398	6.307	6.507	484.870	500.000	-3.0
Aroclor-1260-2	6.586	6.495	6.695	472.970	500.000	-5.4
Aroclor-1260-3	6.740	6.649	6.849	467.550	500.000	-6.5
Aroclor-1260-4	7.212	7.121	7.321	445.750	500.000	-10.9
Aroclor-1260-5	7.452	7.362	7.562	445.710	500.000	-10.9
Decachlorobiphenyl	8.869	8.781	8.981	45.550	50.000	-8.9
Tetrachloro-m-xylene	3.823	3.729	3.929	50.770	50.000	1.5

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 08:04 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.27	7.27	7.17	7.37	0.00
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.25	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 08:04 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL05 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070638.D Time Analyzed: 08:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.577	5.777	491.070	500.000	-1.8
Aroclor-1016-2	5.697	5.599	5.799	526.430	500.000	5.3
Aroclor-1016-3	5.759	5.661	5.861	500.210	500.000	0.0
Aroclor-1016-4	5.857	5.758	5.958	501.550	500.000	0.3
Aroclor-1016-5	6.149	6.051	6.251	507.300	500.000	1.5
Aroclor-1260-1	7.268	7.171	7.371	540.250	500.000	8.1
Aroclor-1260-2	7.521	7.425	7.625	544.090	500.000	8.8
Aroclor-1260-3	7.880	7.783	7.983	538.320	500.000	7.7
Aroclor-1260-4	8.104	8.008	8.208	509.930	500.000	2.0
Aroclor-1260-5	8.425	8.328	8.528	516.460	500.000	3.3
Decachlorobiphenyl	10.245	10.152	10.352	52.050	50.000	4.1
Tetrachloro-m-xylene	4.523	4.424	4.624	51.150	50.000	2.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL05 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070638.D Time Analyzed: 08:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.912	4.817	5.017	517.050	500.000	3.4
Aroclor-1016-2	4.930	4.836	5.036	504.670	500.000	0.9
Aroclor-1016-3	5.107	5.013	5.213	516.450	500.000	3.3
Aroclor-1016-4	5.149	5.054	5.254	505.300	500.000	1.1
Aroclor-1016-5	5.364	5.270	5.470	587.100	500.000	17.4
Aroclor-1260-1	6.399	6.307	6.507	504.340	500.000	0.9
Aroclor-1260-2	6.588	6.495	6.695	502.900	500.000	0.6
Aroclor-1260-3	6.741	6.649	6.849	478.330	500.000	-4.3
Aroclor-1260-4	7.213	7.121	7.321	474.490	500.000	-5.1
Aroclor-1260-5	7.454	7.362	7.562	490.680	500.000	-1.9
Decachlorobiphenyl	8.870	8.781	8.981	49.050	50.000	-1.9
Tetrachloro-m-xylene	3.825	3.729	3.929	49.410	50.000	-1.2

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 11:19 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.67	5.68	5.58	5.78	0.01
Aroclor-1016-2	(2)	5.69	5.70	5.60	5.80	0.01
Aroclor-1016-3	(3)	5.76	5.76	5.66	5.86	0.00
Aroclor-1016-4	(4)	5.85	5.86	5.76	5.96	0.01
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.53	7.43	7.63	0.01
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.11	8.01	8.21	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 11:19 Initial Calibration Time(s): 15:13 23:38

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-4	(4)	5.15	5.15	5.05	5.25	0.00
Aroclor-1016-5	(5)	5.36	5.37	5.27	5.47	0.01
Aroclor-1260-1	(1)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.74	6.75	6.65	6.85	0.01
Aroclor-1260-4	(4)	7.21	7.22	7.12	7.32	0.01
Aroclor-1260-5	(5)	7.45	7.46	7.36	7.56	0.01
Tetrachloro-m-xylene		3.82	3.83	3.73	3.93	0.01
Decachlorobiphenyl		8.87	8.88	8.78	8.98	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL06 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070647.D Time Analyzed: 11:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.672	5.577	5.777	475.020	500.000	-5.0
Aroclor-1016-2	5.694	5.599	5.799	517.610	500.000	3.5
Aroclor-1016-3	5.756	5.661	5.861	490.300	500.000	-1.9
Aroclor-1016-4	5.853	5.758	5.958	476.340	500.000	-4.7
Aroclor-1016-5	6.146	6.051	6.251	499.370	500.000	-0.1
Aroclor-1260-1	7.264	7.171	7.371	569.940	500.000	14.0
Aroclor-1260-2	7.518	7.425	7.625	541.090	500.000	8.2
Aroclor-1260-3	7.876	7.783	7.983	533.210	500.000	6.6
Aroclor-1260-4	8.101	8.008	8.208	506.300	500.000	1.3
Aroclor-1260-5	8.421	8.328	8.528	514.580	500.000	2.9
Decachlorobiphenyl	10.238	10.152	10.352	50.900	50.000	1.8
Tetrachloro-m-xylene	4.521	4.424	4.624	49.830	50.000	-0.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1573 SAS No.: Q1573 SDG NO.: Q1573

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL06 Date Analyzed: 03/18/2025

Lab Sample No.: AR1660CCC500 Data File : PP070647.D Time Analyzed: 11:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.909	4.817	5.017	493.750	500.000	-1.3
Aroclor-1016-2	4.928	4.836	5.036	487.120	500.000	-2.6
Aroclor-1016-3	5.105	5.013	5.213	490.310	500.000	-1.9
Aroclor-1016-4	5.147	5.054	5.254	481.210	500.000	-3.8
Aroclor-1016-5	5.361	5.270	5.470	508.140	500.000	1.6
Aroclor-1260-1	6.398	6.307	6.507	511.740	500.000	2.3
Aroclor-1260-2	6.585	6.495	6.695	490.830	500.000	-1.8
Aroclor-1260-3	6.739	6.649	6.849	476.910	500.000	-4.6
Aroclor-1260-4	7.211	7.121	7.321	466.460	500.000	-6.7
Aroclor-1260-5	7.452	7.362	7.562	462.540	500.000	-7.5
Decachlorobiphenyl	8.868	8.781	8.981	47.240	50.000	-5.5
Tetrachloro-m-xylene	3.823	3.729	3.929	50.280	50.000	0.6

Analytical Sequence

Client: Tetra Tech, EMI

SDG No.: Q1573

Project: R36884 - PCB

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 03/11/2025 03/11/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
1.BLK	1.BLK	03/11/2025	14:57	PP070418.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	10.25	4.53
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	10.25	4.52
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	10.25	4.52
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	10.26	4.53
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	10.25	4.53
AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	10.25	4.53
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	10.25	4.53
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	10.25	4.53
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	10.25	4.53
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	10.25	4.53
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	10.25	4.53
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	10.25	4.53
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	10.25	4.53
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	10.25	4.52
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	10.25	4.53
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	10.25	4.53
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	10.25	4.52
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	10.25	4.52
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	10.25	4.52
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	10.25	4.53
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	10.25	4.52
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	10.25	4.53
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	10.25	4.52
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	10.25	4.53
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	10.25	4.52
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	10.25	4.53
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	10.25	4.53
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	10.25	4.52
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	10.25	4.52
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	10.25	4.53
AR1660CCC500	AR1660CCC500	03/17/2025	14:00	PP070589.D	10.25	4.52
1.BLK	1.BLK	03/17/2025	15:05	PP070593.D	10.24	4.52
PB167154BL	PB167154BL	03/17/2025	15:22	PP070594.D	10.25	4.52
PB167154BS	PB167154BS	03/17/2025	15:38	PP070595.D	10.25	4.52
C0AC4	Q1573-01	03/17/2025	17:15	PP070601.D	10.25	4.52
C0AC4MS	Q1573-01MS	03/17/2025	17:32	PP070602.D	10.24	4.52
C0AC4MSD	Q1573-01MSD	03/17/2025	17:48	PP070603.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/17/2025	18:37	PP070604.D	10.24	4.52
1.BLK	1.BLK	03/17/2025	19:42	PP070608.D	10.24	4.52

Analytical Sequence

C0AC5	Q1573-02	03/17/2025	19:58	PP070609.D	10.24	4.52
C0AC8	Q1573-04	03/17/2025	20:30	PP070611.D	10.24	4.52
C0029	Q1573-05	03/17/2025	20:47	PP070612.D	10.24	4.52
C0030	Q1573-06	03/17/2025	21:03	PP070613.D	10.24	4.52
C0031	Q1573-07	03/17/2025	21:19	PP070614.D	10.24	4.52
C0032	Q1573-08	03/17/2025	21:35	PP070615.D	10.24	4.52
C0033	Q1573-09	03/17/2025	21:52	PP070616.D	10.24	4.52
C0034	Q1573-10	03/17/2025	22:08	PP070617.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/17/2025	23:13	PP070619.D	10.24	4.52
I.BLK	I.BLK	03/18/2025	00:18	PP070623.D	10.24	4.52
PB167172BL	PB167172BL	03/18/2025	01:06	PP070626.D	10.24	4.52
PB167172BS	PB167172BS	03/18/2025	01:23	PP070627.D	10.24	4.52
PB167172BSD	PB167172BSD	03/18/2025	01:39	PP070628.D	10.24	4.52
C0AC7	Q1573-12	03/18/2025	01:55	PP070629.D	10.24	4.52
C0037	Q1573-13	03/18/2025	02:11	PP070630.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/18/2025	03:16	PP070632.D	10.24	4.52
I.BLK	I.BLK	03/18/2025	04:21	PP070636.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/18/2025	08:04	PP070638.D	10.25	4.52
I.BLK	I.BLK	03/18/2025	09:10	PP070642.D	10.24	4.52
C0AC6	Q1573-03	03/18/2025	09:42	PP070644.D	10.24	4.52
C0035	Q1573-11	03/18/2025	10:14	PP070645.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/18/2025	11:19	PP070647.D	10.24	4.52
I.BLK	I.BLK	03/18/2025	12:24	PP070651.D	10.24	4.52

Analytical Sequence

Client: Tetra Tech, EMI	SDG No.: Q1573
Project: R36884 - PCB	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 03/11/2025 03/11/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
1.BLK	1.BLK	03/11/2025	14:57	PP070418.D	8.88	3.83
AR1660ICC1000	AR1660ICC1000	03/11/2025	15:13	PP070419.D	8.88	3.83
AR1660ICC750	AR1660ICC750	03/11/2025	15:29	PP070420.D	8.88	3.83
AR1660ICC500	AR1660ICC500	03/11/2025	15:46	PP070421.D	8.88	3.83
AR1660ICC250	AR1660ICC250	03/11/2025	16:02	PP070422.D	8.88	3.83
AR1660ICC050	AR1660ICC050	03/11/2025	16:18	PP070423.D	8.88	3.83
AR1221ICC500	AR1221ICC500	03/11/2025	16:34	PP070424.D	8.88	3.83
AR1232ICC1000	AR1232ICC1000	03/11/2025	16:51	PP070425.D	8.88	3.83
AR1232ICC750	AR1232ICC750	03/11/2025	17:07	PP070426.D	8.88	3.83
AR1232ICC500	AR1232ICC500	03/11/2025	17:23	PP070427.D	8.88	3.83
AR1232ICC250	AR1232ICC250	03/11/2025	17:40	PP070428.D	8.88	3.83
AR1232ICC050	AR1232ICC050	03/11/2025	17:56	PP070429.D	8.88	3.83
AR1242ICC1000	AR1242ICC1000	03/11/2025	18:12	PP070430.D	8.88	3.83
AR1242ICC750	AR1242ICC750	03/11/2025	18:28	PP070431.D	8.88	3.83
AR1242ICC500	AR1242ICC500	03/11/2025	18:45	PP070432.D	8.88	3.83
AR1242ICC250	AR1242ICC250	03/11/2025	19:01	PP070433.D	8.88	3.83
AR1242ICC050	AR1242ICC050	03/11/2025	19:17	PP070434.D	8.88	3.83
AR1248ICC1000	AR1248ICC1000	03/11/2025	19:34	PP070435.D	8.88	3.83
AR1248ICC750	AR1248ICC750	03/11/2025	19:50	PP070436.D	8.88	3.83
AR1248ICC500	AR1248ICC500	03/11/2025	20:06	PP070437.D	8.88	3.83
AR1248ICC250	AR1248ICC250	03/11/2025	20:22	PP070438.D	8.88	3.83
AR1248ICC050	AR1248ICC050	03/11/2025	20:39	PP070439.D	8.88	3.83
AR1254ICC1000	AR1254ICC1000	03/11/2025	20:55	PP070440.D	8.88	3.83
AR1254ICC750	AR1254ICC750	03/11/2025	21:11	PP070441.D	8.88	3.83
AR1254ICC500	AR1254ICC500	03/11/2025	21:28	PP070442.D	8.88	3.83
AR1254ICC250	AR1254ICC250	03/11/2025	21:44	PP070443.D	8.88	3.83
AR1254ICC050	AR1254ICC050	03/11/2025	22:00	PP070444.D	8.88	3.83
AR1262ICC500	AR1262ICC500	03/11/2025	22:16	PP070445.D	8.88	3.83
AR1268ICC1000	AR1268ICC1000	03/11/2025	22:33	PP070446.D	8.88	3.83
AR1268ICC750	AR1268ICC750	03/11/2025	22:49	PP070447.D	8.88	3.83
AR1268ICC500	AR1268ICC500	03/11/2025	23:05	PP070448.D	8.88	3.83
AR1268ICC250	AR1268ICC250	03/11/2025	23:22	PP070449.D	8.88	3.83
AR1268ICC050	AR1268ICC050	03/11/2025	23:38	PP070450.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/17/2025	14:00	PP070589.D	8.87	3.83
1.BLK	1.BLK	03/17/2025	15:05	PP070593.D	8.87	3.83
PB167154BL	PB167154BL	03/17/2025	15:22	PP070594.D	8.87	3.83
PB167154BS	PB167154BS	03/17/2025	15:38	PP070595.D	8.87	3.83
C0AC4	Q1573-01	03/17/2025	17:15	PP070601.D	8.87	3.83
C0AC4MS	Q1573-01MS	03/17/2025	17:32	PP070602.D	8.87	3.83
C0AC4MSD	Q1573-01MSD	03/17/2025	17:48	PP070603.D	8.87	3.83
AR1660CCC500	AR1660CCC500	03/17/2025	18:37	PP070604.D	8.87	3.82
1.BLK	1.BLK	03/17/2025	19:42	PP070608.D	8.87	3.82

Analytical Sequence

C0AC5	Q1573-02	03/17/2025	19:58	PP070609.D	8.87	3.82
C0AC8	Q1573-04	03/17/2025	20:30	PP070611.D	8.87	3.82
C0029	Q1573-05	03/17/2025	20:47	PP070612.D	8.87	3.82
C0030	Q1573-06	03/17/2025	21:03	PP070613.D	8.87	3.82
C0031	Q1573-07	03/17/2025	21:19	PP070614.D	8.87	3.82
C0032	Q1573-08	03/17/2025	21:35	PP070615.D	8.87	3.83
C0033	Q1573-09	03/17/2025	21:52	PP070616.D	8.87	3.82
C0034	Q1573-10	03/17/2025	22:08	PP070617.D	8.87	3.82
AR1660CCC500	AR1660CCC500	03/17/2025	23:13	PP070619.D	8.87	3.82
I.BLK	I.BLK	03/18/2025	00:18	PP070623.D	8.87	3.82
PB167172BL	PB167172BL	03/18/2025	01:06	PP070626.D	8.87	3.82
PB167172BS	PB167172BS	03/18/2025	01:23	PP070627.D	8.87	3.82
PB167172BSD	PB167172BSD	03/18/2025	01:39	PP070628.D	8.87	3.82
C0AC7	Q1573-12	03/18/2025	01:55	PP070629.D	8.87	3.82
C0037	Q1573-13	03/18/2025	02:11	PP070630.D	8.87	3.82
AR1660CCC500	AR1660CCC500	03/18/2025	03:16	PP070632.D	8.87	3.82
I.BLK	I.BLK	03/18/2025	04:21	PP070636.D	8.87	3.82
AR1660CCC500	AR1660CCC500	03/18/2025	08:04	PP070638.D	8.87	3.83
I.BLK	I.BLK	03/18/2025	09:10	PP070642.D	8.87	3.82
C0AC6	Q1573-03	03/18/2025	09:42	PP070644.D	8.87	3.82
C0035	Q1573-11	03/18/2025	10:14	PP070645.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/18/2025	11:19	PP070647.D	8.87	3.82
I.BLK	I.BLK	03/18/2025	12:24	PP070651.D	8.87	3.82

A

B

C

D

E

F

G



QC SAMPLE DATA

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:		
Project:	R36884 - PCB		Date Received:		
Client Sample ID:	PB167154BL		SDG No.:	Q1573	
Lab Sample ID:	PB167154BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070594.D	1	03/17/25 08:35	03/17/25 15:22	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	17.0	U	5.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:		
Project:	R36884 - PCB		Date Received:		
Client Sample ID:	PB167172BL		SDG No.:	Q1573	
Lab Sample ID:	PB167172BL		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070626.D	1	03/17/25 09:35	03/18/25 01:06	PB167172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
Total PCBs	Total PCBs	0.50	U	0.14	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		16 - 158	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		10 - 173	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/11/25	
Project:	R36884 - PCB		Date Received:	03/11/25	
Client Sample ID:	PIBLK-PP070418.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070418.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070418.D	1		03/11/25	pp031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		60 - 140	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 140	116%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/17/25	
Project:	R36884 - PCB		Date Received:	03/17/25	
Client Sample ID:	PIBLK-PP070593.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070593.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070593.D	1		03/17/25	PP031725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 140	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/17/25	
Project:	R36884 - PCB		Date Received:	03/17/25	
Client Sample ID:	PIBLK-PP070608.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070608.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070608.D	1		03/17/25	PP031725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		60 - 140	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/18/25	
Project:	R36884 - PCB		Date Received:	03/18/25	
Client Sample ID:	PIBLK-PP070623.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070623.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070623.D	1		03/18/25	PP031725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		60 - 140	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/18/25	
Project:	R36884 - PCB		Date Received:	03/18/25	
Client Sample ID:	PIBLK-PP070636.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070636.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070636.D	1		03/18/25	PP031725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 140	96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/18/25	
Project:	R36884 - PCB		Date Received:	03/18/25	
Client Sample ID:	PIBLK-PP070642.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070642.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070642.D	1		03/18/25	PP031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		60 - 140	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		60 - 140	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/18/25	
Project:	R36884 - PCB		Date Received:	03/18/25	
Client Sample ID:	PIBLK-PP070651.D		SDG No.:	Q1573	
Lab Sample ID:	I.BLK-PP070651.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070651.D	1		03/18/25	PP031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 140	103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:		
Project:	R36884 - PCB		Date Received:		
Client Sample ID:	PB167154BS		SDG No.:	Q1573	
Lab Sample ID:	PB167154BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070595.D	1	03/17/25 08:35	03/17/25 15:38	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	167		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	159		3.20	17.0	ug/kg
Total PCBs	Total PCBs	326		7.10	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.0		32 - 144	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		32 - 175	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:		
Project:	R36884 - PCB		Date Received:		
Client Sample ID:	PB167172BS		SDG No.:	Q1573	
Lab Sample ID:	PB167172BS		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070627.D	1	03/17/25 09:35	03/18/25 01:23	PB167172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.50		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.20		0.081	0.50	ug/L
Total PCBs	Total PCBs	8.80		0.18	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		16 - 158	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		10 - 173	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:		
Project:	R36884 - PCB		Date Received:		
Client Sample ID:	PB167172BSD		SDG No.:	Q1573	
Lab Sample ID:	PB167172BSD		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070628.D	1	03/17/25 09:35	03/18/25 01:39	PB167172

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.50		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.40		0.081	0.50	ug/L
Total PCBs	Total PCBs	8.90		0.18	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		16 - 158	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		10 - 173	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	03/11/25	
Project:	R36884 - PCB			Date Received:	03/14/25	
Client Sample ID:	C0AC4MS			SDG No.:	Q1573	
Lab Sample ID:	Q1573-01MS			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	72.5	Decanted:
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB Group1	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070602.D	1	03/17/25 08:35	03/17/25 17:32	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	245		5.40	23.4	ug/kg
11104-28-2	Aroclor-1221	23.4	U	5.50	23.4	ug/kg
11141-16-5	Aroclor-1232	23.4	U	5.10	23.4	ug/kg
53469-21-9	Aroclor-1242	23.4	U	5.50	23.4	ug/kg
12672-29-6	Aroclor-1248	212		8.10	23.4	ug/kg
11097-69-1	Aroclor-1254	23.4	U	4.40	23.4	ug/kg
37324-23-5	Aroclor-1262	23.4	U	6.90	23.4	ug/kg
11100-14-4	Aroclor-1268	23.4	U	5.00	23.4	ug/kg
11096-82-5	Aroclor-1260	201		4.40	23.4	ug/kg
Total PCBs	Total PCBs	657		17.9	23.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.1		32 - 175	60%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	03/11/25	
Project:	R36884 - PCB			Date Received:	03/14/25	
Client Sample ID:	C0AC4MSD			SDG No.:	Q1573	
Lab Sample ID:	Q1573-01MSD			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	72.5	Decanted:
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	PCB Group1	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3541B					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070603.D	1	03/17/25 08:35	03/17/25 17:48	PB167154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	239		5.40	23.4	ug/kg
11104-28-2	Aroclor-1221	23.4	U	5.60	23.4	ug/kg
11141-16-5	Aroclor-1232	23.4	U	5.10	23.4	ug/kg
53469-21-9	Aroclor-1242	23.4	U	5.50	23.4	ug/kg
12672-29-6	Aroclor-1248	201		8.20	23.4	ug/kg
11097-69-1	Aroclor-1254	23.4	U	4.40	23.4	ug/kg
37324-23-5	Aroclor-1262	23.4	U	6.90	23.4	ug/kg
11100-14-4	Aroclor-1268	23.4	U	5.00	23.4	ug/kg
11096-82-5	Aroclor-1260	198		4.50	23.4	ug/kg
Total PCBs	Total PCBs	638		18.1	23.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.4		32 - 175	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



SHIPPING DOCUMENTS

Q1573

6

6.1

Page 1 of 2

USEPA CLP COC (LAB COPY)

DateShipped: 3/13/2025

CarrierName: FedEx

AirbillNo: 7726 7523 9763

CHAIN OF CUSTODY RECORD

DAS #: R36884

Cooler #: 1

No: 3-031225-160920-0002

Lab: Alliance Technical Group, LLC

Lab Contact: Yazmeen Gomez

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
AWS-SD-08	C0AC4	Sediment/ START	Grab	PCB A (s)(3)	1025 (<6 C) (1)	Beaverdam Branch	03/11/2025 12:55	
AWS-SD-09	C0AC5	Sediment/ START	Grab	PCB A (s)(3)	1026 (<6 C) (1)	Beaverdam Branch	03/11/2025 13:35	
AWS-SD-10	C0AC6	Sediment/ START	Grab	PCB A (s)(3)	1027 (<6 C) (1)	Beaverdam Branch	03/11/2025 13:50	
AWS-RB-02	C0AC7	Water/ START	Grab	PCB A (aq)(3)	1053 (<6 C) (1)	Blank	03/12/2025 15:50	
AWS-SD-04-D	C0AC8	Sediment/ START	Grab	PCB A (s)(3)	1055 (<6 C) (1)	Beaverdam Branch	03/11/2025 12:00	
AWS-SD-01	C0029	Sediment/ START	Grab	PCB A (s)(3)	1016 (<6 C) (1)	Beaverdam Branch	03/11/2025 08:15	
AWS-SD-02	C0030	Sediment/ START	Grab	PCB A (s)(3)	1017 (<6 C) (1)	Beaverdam Branch	03/11/2025 09:15	
AWS-SD-03	C0031	Sediment/ START	Grab	PCB A (s)(3)	1018 (<6 C) (1)	Beaverdam Branch	03/11/2025 09:55	
AWS-SD-04	C0032	Sediment/ START	Grab	PCB A (s)(3)	1019 (<6 C) (1)	Beaverdam Branch	03/11/2025 10:25	
AWS-SD-05	C0033	Sediment/ START	Grab	PCB A (s)(3)	1020 (<6 C) (1)	Beaverdam Branch	03/11/2025 10:45	
AWS-SD-06	C0034	Sediment/ START	Grab	PCB A (s)(3)	1021 (<6 C) (1)	Beaverdam Branch	03/11/2025 11:05	

Sample(s) to be used for Lab QC: AWS-SD-02 Tag 1017	Shipment for Case Complete? Y
	Samples Transferred From Chain of Custody #
Analysis Key: PCB A (s)=PCB Aroclors (s), PCB A (aq)=PCB Aroclors (aq)	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Anthony V...</i> Tetra Tech	4/13/25, 1100	<i>CP</i>	10:00 3-14-25	If Ben #1 1.9 Custody Seal Intact Temp Blank present

Tetra Tech Project Outline: R36884

PO #: Alliance-24

Laboratory Address and Contact	Tetra Tech Project Lead	Sample Coordinator
Alliance Technical Group, LLC 284 Sheffield St Mountainside, NJ 07092 Yazmeen Gomez (908) 728-3147 Yazmeen.Gomez@alliancetg.com	Brian Kolodne Tetra Tech 661 Andersen Dr Ste. 500 Pittsburgh, PA 15220 (303) 312-8847 Brian.Kolodne@tetrattech.com	Ava Heiss (302) 397-1105 ava.heiss@tetrattech.com

Site location: Pennsylvania

Please reference **R36884** on all deliverables (L4 reports, EDDs, invoice, login acknowledgement).

Sample Numbers:

These are the alphanumeric ids listed on the Chain of Custody (COC) in the 2nd column (ex. COAA0). Please use these ids for all sample login acknowledgement forms, reports, and EDDs.

Reporting Limits (RL):

Laboratory will report non-detects at the RLs (adjusted RLs to account for % moisture, dilutions, sample volume if applicable) in the reports and EDD files. Results for non-detects in the EDDs should not be an empty cell, but should be reported as the RL (adjusted as necessary) with a "U" qualifier in the lab qualifier column. Analytical results are to be reported for detections below the reporting limit (RL) down to the method detection limit with a "I" flag.

Deliverables: Email a **Level 2 and 4 report with EDDs in EQUIS* format** to Ava Heiss and Brian Kolodne.

Sampling Dates: **March 10, 2025 – March 14, 2025**

Turnaround Time: **3 BD TAT for Preliminary Data; 15 BD TAT for Level 2, Level 4 reports, Equis EDDs**

Parameter/Matrix	Method	Number of Samples
PCB Aroclors/Soil & Sediment	SW8082A	27 samples (plus 2 MSMSDs)
PCB Aroclors/Aqueous QC Blanks	SW8082A	3 samples

*EDD file in EPA Region 2 format (i.e., Equis EDD, in excel). For instructions, click link:

*Region 2 format is the same as Region 3 format

(<https://www.epa.gov/superfund/region-2-superfund-electronic-data-submission-documents>)

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488