

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 : Q1572

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	7
4) QA Checklist	8
5) PCB Group1 Data	9
6) Shipping Document	168
6.1) CHAIN OF CUSTODY	169
6.2) Lab Certificate	171

Cover Page

Order ID : Q1572

Project ID : R36884 - PCB

Client : Tetra Tech, EMI

Lab Sample Number

Q1572-01
Q1572-02
Q1572-03
Q1572-04
Q1572-05
Q1572-06
Q1572-07
Q1572-08
Q1572-09
Q1572-10
Q1572-11
Q1572-12
Q1572-13
Q1572-14
Q1572-15
Q1572-16

Client Sample Number

C0AC9
C0O14
C0O15
C0O16
C0O17
C0O18
C0O19
C0O20
C0O21
C0O22
C0O23
C0O24
C0O25
C0O26
C0O27
C0O28

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 9:50 am, Mar 27, 2025

Date: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R36884 - PCB

Project # N/A

Chemtech Project # Q1572

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

16 Solid 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 analyses were performed on instrument GCECD_O. 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 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for

C0AC9 [Decachlorobiphenyl(2) - 250%], C0AC9DL [Decachlorobiphenyl(2) - 347%], C0O16 [Decachlorobiphenyl(2) - 229%], C0O16DL [Decachlorobiphenyl(2) - 270%], C0O17 [Decachlorobiphenyl(2) - 295%], C0O17DL [Decachlorobiphenyl(2) - 483%], C0O18DL [Decachlorobiphenyl(2) - 178%], C0O20 [Decachlorobiphenyl(2) - 232%], C0O20DL [Decachlorobiphenyl(2) - 311%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken while for,

Samples C0O14DL [Decachlorobiphenyl(2) - 232%, Tetrachloro-m-xylene(1) - 150%, Tetrachloro-m-xylene(2) - 167%],

C0O15DL2 [Decachlorobiphenyl(2) - 190%, Tetrachloro-m-xylene(2) - 159%], C0O22 [Decachlorobiphenyl(1) - 1865%, Decachlorobiphenyl(2) - 1454%],

C0O23 [Decachlorobiphenyl(1) - 222%, Decachlorobiphenyl(2) - 211%], C0O23DL [Decachlorobiphenyl(1) - 262%, Decachlorobiphenyl(2) - 272%],

C0O24 [Decachlorobiphenyl(1) - 249%, Decachlorobiphenyl(2) - 349%], these samples required dilution as well due to high concentration therefore samples were reanalyzed with dilution and reported while for,

Samples C0AC9DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O14DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O16DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O17DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O18DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O21DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O22DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O24DL [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0%, Tetrachloro-m-xylene(2) - 0%], C0O24DL2 [Decachlorobiphenyl(1) - 0%, Decachlorobiphenyl(2) - 0%, Tetrachloro-m-xylene(1) - 0% and Tetrachloro-m-xylene(2) - 0%] surrogates were diluted out due to high dilution, no further corrective action was taken.

The Retention Times were acceptable for all samples.

The MS {Q1572-06MS} with File ID: PP070564.D recoveries met the requirements for all compounds except for AR1016[7313%], AR1260[169%] due to sample matrix interference.

The MSD {Q1572-06MSD} with File ID: PP070565.D recoveries met the acceptable requirements except for AR1016[7777%], AR1260[215%] due to sample matrix interference.

The RPD for {Q1572-06MSD} with File ID: PP070565.D met criteria except for AR1260[24%] due to difference in results of MS-MSD.

The Blank Spike 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 File ID PO109890.D met the requirements except for Decachlorobiphenyl is failing in 2nd column,

The Continuous Calibration File ID PO109904.D met the requirements except for Decachlorobiphenyl is failing in 1st column,

The Continuous Calibration File ID PO109923.D met the requirements except for Decachlorobiphenyl is failing in 2nd column,

above mentioned CCAL failing in one column but another column passing for that therefore no corrective action taken.

Samples C0AC9, C0AC9DL, C0O14, C0O14DL, C0O15, C0O15DL, C0O16, C0O16DL, C0O17, C0O17DL, C0O18, C0O18DL, C0O19, C0O20, C0O21, C0O22, C0O23, C0O24 and C0O24DL were diluted due to high concentrations.

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:50 am, Mar 27, 2025

Signature _____

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 #: Q1572

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: 03/27/2025

LAB CHRONICLE

OrderID:	Q1572	OrderDate:	3/14/2025 11:03:00 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
Q1572-01	C0AC9	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-01DL	C0AC9DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-01DL 2	C0AC9DL2	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-02	C0014	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-02DL	C0014DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-02DL 2	C0014DL2	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-03	C0015	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/15/25	
Q1572-03DL	C0015DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-03DL 2	C0015DL2	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-04	C0016	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/15/25	
Q1572-04DL	C0016DL	SOIL			03/12/25			03/14/25

LAB CHRONICLE

			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-04DL	C0016DL2	SOIL			03/12/25		03/14/25
2							
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-05	C0017	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/15/25	
Q1572-05DL	C0017DL	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-05DL	C0017DL2	SOIL			03/12/25		03/14/25
2							
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-06	C0018	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/15/25	
Q1572-06DL	C0018DL	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-06DL	C0018DL2	SOIL			03/12/25		03/14/25
2							
			PCB Group1	8082A	03/14/25	03/18/25	
Q1572-07	C0019	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/15/25	
Q1572-07DL	C0019DL	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-08	C0020	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/15/25	
Q1572-08DL	C0020DL	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/17/25	
Q1572-09	C0021	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/15/25	
Q1572-09DL	C0021DL	SOIL			03/12/25		03/14/25
			PCB Group1	8082A	03/14/25	03/17/25	

LAB CHRONICLE

Q1572-10	C0022	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-10DL	C0022DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-11	C0023	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-11DL	C0023DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-12	C0024	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-12DL	C0024DL	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/17/25	
Q1572-12DL 2	C0024DL2	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/18/25	
Q1572-13	C0025	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-14	C0026	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-15	C0027	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	
Q1572-16	C0028	SOIL			03/12/25			03/14/25
			PCB Group1	8082A		03/14/25	03/14/25	

Hit Summary Sheet SW-846

SDG No.: Q1572

Order ID: Q1572

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AC9								
Q1572-01	C0AC9	SOIL	Aroclor-1248	8700	E	8.50	24.3	ug/kg
Q1572-01	C0AC9	SOIL	Aroclor-1260	1100	E	4.60	24.3	ug/kg
Total Concentration:				9,800.000				
Client ID : C0AC9DL								
Q1572-01DL	C0AC9DL	SOIL	Aroclor-1248	12000	ED	84.8	243	ug/kg
Q1572-01DL	C0AC9DL	SOIL	Aroclor-1260	1800	D	46.2	243	ug/kg
Total Concentration:				13,800.000				
Client ID : C0AC9DL2								
Q1572-01DL2	C0AC9DL2	SOIL	Aroclor-1248	16000	D	424	1200	ug/kg
Q1572-01DL2	C0AC9DL2	SOIL	Aroclor-1260	2300	D	231	1200	ug/kg
Total Concentration:				18,300.000				
Client ID : C0O14								
Q1572-02	C0O14	SOIL	Aroclor-1248	8200	E	7.50	21.6	ug/kg
Q1572-02	C0O14	SOIL	Aroclor-1260	1100	E	4.10	21.6	ug/kg
Total Concentration:				9,300.000				
Client ID : C0O14DL								
Q1572-02DL	C0O14DL	SOIL	Aroclor-1248	12000	ED	75.4	216	ug/kg
Q1572-02DL	C0O14DL	SOIL	Aroclor-1260	1800	D	41.1	216	ug/kg
Total Concentration:				13,800.000				
Client ID : C0O14DL2								
Q1572-02DL2	C0O14DL2	SOIL	Aroclor-1248	15000	D	377	1100	ug/kg
Q1572-02DL2	C0O14DL2	SOIL	Aroclor-1260	2500	DP	206	1100	ug/kg
Total Concentration:				17,500.000				
Client ID : C0O15								
Q1572-03	C0O15	SOIL	Aroclor-1248	5600	E	7.40	21.2	ug/kg
Q1572-03	C0O15	SOIL	Aroclor-1260	1100	E	4.00	21.2	ug/kg

Hit Summary Sheet SW-846

SDG No.: Q1572

Order ID: Q1572

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				6,700.000				
Client ID : C0015DL								
Q1572-03DL	C0015DL	SOIL	Aroclor-1248	6500	ED	36.9	106	ug/kg
Q1572-03DL	C0015DL	SOIL	Aroclor-1260	1300	D	20.1	106	ug/kg
Total Concentration:				7,800.000				
Client ID : C0015DL2								
Q1572-03DL2	C0015DL2	SOIL	Aroclor-1248	9300	D	184	529	ug/kg
Q1572-03DL2	C0015DL2	SOIL	Aroclor-1260	1800	D	101	529	ug/kg
Total Concentration:				11,100.000				
Client ID : C0016								
Q1572-04	C0016	SOIL	Aroclor-1248	9000	E	8.60	24.8	ug/kg
Q1572-04	C0016	SOIL	Aroclor-1260	1200	E	4.70	24.8	ug/kg
Total Concentration:				10,200.000				
Client ID : C0016DL								
Q1572-04DL	C0016DL	SOIL	Aroclor-1248	11000	ED	43.2	124	ug/kg
Q1572-04DL	C0016DL	SOIL	Aroclor-1260	1500	D	23.6	124	ug/kg
Total Concentration:				12,500.000				
Client ID : C0016DL2								
Q1572-04DL2	C0016DL2	SOIL	Aroclor-1248	8400	D	216	621	ug/kg
Q1572-04DL2	C0016DL2	SOIL	Aroclor-1260	1300	DP	118	621	ug/kg
Total Concentration:				9,700.000				
Client ID : C0017								
Q1572-05	C0017	SOIL	Aroclor-1248	16000	E	7.90	22.8	ug/kg
Q1572-05	C0017	SOIL	Aroclor-1260	1200	E	4.30	22.8	ug/kg
Total Concentration:				17,200.000				

Hit Summary Sheet SW-846

SDG No.: Q1572

Order ID: Q1572

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0017DL								
Q1572-05DL	C0017DL	SOIL	Aroclor-1248	22000	ED	79.2	228	ug/kg
Q1572-05DL	C0017DL	SOIL	Aroclor-1260	1900	D	43.2	228	ug/kg
Total Concentration:				23,900.000				
Client ID : C0017DL2								
Q1572-05DL2	C0017DL2	SOIL	Aroclor-1248	28000	D	792	2300	ug/kg
Q1572-05DL2	C0017DL2	SOIL	Aroclor-1260	2500	DP	432	2300	ug/kg
Total Concentration:				30,500.000				
Client ID : C0018								
Q1572-06	C0018	SOIL	Aroclor-1248	14000	E	7.80	22.3	ug/kg
Q1572-06	C0018	SOIL	Aroclor-1260	930	E	4.20	22.3	ug/kg
Total Concentration:				14,930.000				
Client ID : C0018DL								
Q1572-06DL	C0018DL	SOIL	Aroclor-1248	17000	ED	38.9	112	ug/kg
Q1572-06DL	C0018DL	SOIL	Aroclor-1260	1200	D	21.2	112	ug/kg
Total Concentration:				18,200.000				
Client ID : C0018DL2								
Q1572-06DL2	C0018DL2	SOIL	Aroclor-1248	13000	D	389	1100	ug/kg
Q1572-06DL2	C0018DL2	SOIL	Aroclor-1260	978	JDP	212	1100	ug/kg
Total Concentration:				13,978.000				
Client ID : C0019								
Q1572-07	C0019	SOIL	Aroclor-1248	2600	E	8.60	24.6	ug/kg
Q1572-07	C0019	SOIL	Aroclor-1260	308		4.70	24.6	ug/kg
Total Concentration:				2,908.000				
Client ID : C0019DL								
Q1572-07DL	C0019DL	SOIL	Aroclor-1248	3700	D	85.6	246	ug/kg
Q1572-07DL	C0019DL	SOIL	Aroclor-1260	482	DP	46.7	246	ug/kg

Hit Summary Sheet SW-846

SDG No.: Q1572

Order ID: Q1572

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,182.000				
Client ID : C0020 Q1572-08	C0020	SOIL	Aroclor-1248	2700	E	7.90	22.7	ug/kg
Total Concentration:				2,700.000				
Client ID : C0020DL Q1572-08DL	C0020DL	SOIL	Aroclor-1248	3700	D	79.0	227	ug/kg
Total Concentration:				3,700.000				
Client ID : C0021 Q1572-09	C0021	SOIL	Aroclor-1248	9500	E	8.80	25.3	ug/kg
Total Concentration:				9,500.000				
Client ID : C0021DL Q1572-09DL	C0021DL	SOIL	Aroclor-1248	8300	D	221	634	ug/kg
Total Concentration:				8,300.000				
Client ID : C0022 Q1572-10	C0022	SOIL	Aroclor-1248	25000	E	9.00	25.8	ug/kg
Total Concentration:				25,000.000				
Client ID : C0022DL Q1572-10DL	C0022DL	SOIL	Aroclor-1248	41000	D	897	2600	ug/kg
Total Concentration:				41,000.000				
Client ID : C0023 Q1572-11	C0023	SOIL	Aroclor-1248	1600	E	7.10	20.3	ug/kg
Total Concentration:				1,600.000				
Client ID : C0023DL	C0023DL							

Hit Summary Sheet SW-846

SDG No.: Q1572

Order ID: Q1572

Client: Tetra Tech, EMI

Project ID: R36884 - PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1572-11DL	C0023DL	SOIL	Aroclor-1248	2000	D	70.6	203	ug/kg

Total Concentration: 2,000.000

Client ID : C0024

Q1572-12	C0024	SOIL	Aroclor-1248	69000	EP	7.90	22.7	ug/kg
Q1572-12	C0024	SOIL	Aroclor-1260	5400	E	4.30	22.7	ug/kg

Total Concentration: 74,400.000

Client ID : C0024DL

Q1572-12DL	C0024DL	SOIL	Aroclor-1248	120000	ED	395	1100	ug/kg
Q1572-12DL	C0024DL	SOIL	Aroclor-1260	8300	D	215	1100	ug/kg

Total Concentration: 128,300.000

Client ID : C0024DL2

Q1572-12DL2	C0024DL2	SOIL	Aroclor-1248	160000	D	3900	11000	ug/kg
Q1572-12DL2	C0024DL2	SOIL	Aroclor-1260	12000	D	2200	11000	ug/kg

Total Concentration: 172,000.000

Client ID : C0028

Q1572-16	C0028	SOIL	Aroclor-1248	71.4		7.10	20.5	ug/kg
Q1572-16	C0028	SOIL	Aroclor-1260	26.9		3.90	20.5	ug/kg

Total Concentration: 98.300



SAMPLE DATA

A

B

C

D

E

F

G

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/12/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0AC9		SDG No.:	Q1572	
Lab Sample ID:	Q1572-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	69.7	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
PP070552.D	1	03/14/25 12:25	03/14/25 23:41	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	24.3	U	5.70	24.3	ug/kg
11104-28-2	Aroclor-1221	24.3	U	5.80	24.3	ug/kg
11141-16-5	Aroclor-1232	24.3	U	5.30	24.3	ug/kg
53469-21-9	Aroclor-1242	24.3	U	5.70	24.3	ug/kg
12672-29-6	Aroclor-1248	8700	E	8.50	24.3	ug/kg
11097-69-1	Aroclor-1254	24.3	U	4.60	24.3	ug/kg
37324-23-5	Aroclor-1262	24.3	U	7.20	24.3	ug/kg
11100-14-4	Aroclor-1268	24.3	U	5.20	24.3	ug/kg
11096-82-5	Aroclor-1260	1100	E	4.60	24.3	ug/kg
Total PCBs	Total PCBs	9900	E	13.1	24.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	49.9	*	32 - 175	250%	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:	C0AC9DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-01DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	69.7	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
PP070579.D	10	03/14/25 12:25	03/17/25 10:30	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	243	UD	56.6	243	ug/kg
11104-28-2	Aroclor-1221	243	UD	57.7	243	ug/kg
11141-16-5	Aroclor-1232	243	UD	53.3	243	ug/kg
53469-21-9	Aroclor-1242	243	UD	57.4	243	ug/kg
12672-29-6	Aroclor-1248	12000	ED	84.8	243	ug/kg
11097-69-1	Aroclor-1254	243	UD	46.0	243	ug/kg
37324-23-5	Aroclor-1262	243	UD	71.9	243	ug/kg
11100-14-4	Aroclor-1268	243	UD	51.5	243	ug/kg
11096-82-5	Aroclor-1260	1800	D	46.2	243	ug/kg
Total PCBs	Total PCBs	14000	D	131	243	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.2		32 - 144	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	69.3	*	32 - 175	347%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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D = Dilution

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

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Report of Analysis

Client:	Tetra Tech, EMI			Date Collected:	03/12/25	
Project:	R36884 - PCB			Date Received:	03/14/25	
Client Sample ID:	C0AC9DL2			SDG No.:	Q1572	
Lab Sample ID:	Q1572-01DL2			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	69.7	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
PP070580.D	50	03/14/25 12:25	03/17/25 10:46	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1200	UD	283	1200	ug/kg
11104-28-2	Aroclor-1221	1200	UD	289	1200	ug/kg
11141-16-5	Aroclor-1232	1200	UD	266	1200	ug/kg
53469-21-9	Aroclor-1242	1200	UD	287	1200	ug/kg
12672-29-6	Aroclor-1248	16000	D	424	1200	ug/kg
11097-69-1	Aroclor-1254	1200	UD	230	1200	ug/kg
37324-23-5	Aroclor-1262	1200	UD	359	1200	ug/kg
11100-14-4	Aroclor-1268	1200	UD	258	1200	ug/kg
11096-82-5	Aroclor-1260	2300	D	231	1200	ug/kg
Total PCBs	Total PCBs	18000	D	655	1200	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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() = 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:	C0014		SDG No.:	Q1572	
Lab Sample ID:	Q1572-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	78.5	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
PP070553.D	1	03/14/25 12:25	03/14/25 23:57	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.6	U	5.00	21.6	ug/kg
11104-28-2	Aroclor-1221	21.6	U	5.10	21.6	ug/kg
11141-16-5	Aroclor-1232	21.6	U	4.70	21.6	ug/kg
53469-21-9	Aroclor-1242	21.6	U	5.10	21.6	ug/kg
12672-29-6	Aroclor-1248	8200	E	7.50	21.6	ug/kg
11097-69-1	Aroclor-1254	21.6	U	4.10	21.6	ug/kg
37324-23-5	Aroclor-1262	21.6	U	6.40	21.6	ug/kg
11100-14-4	Aroclor-1268	21.6	U	4.60	21.6	ug/kg
11096-82-5	Aroclor-1260	1100	E	4.10	21.6	ug/kg
Total PCBs	Total PCBs	9200	E	11.6	21.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	31.7		32 - 175	159%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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

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() = 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:	C0014DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-02DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	78.5	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
PP070581.D	10	03/14/25 12:25	03/17/25 11:02	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	216	UD	50.3	216	ug/kg
11104-28-2	Aroclor-1221	216	UD	51.3	216	ug/kg
11141-16-5	Aroclor-1232	216	UD	47.4	216	ug/kg
53469-21-9	Aroclor-1242	216	UD	51.0	216	ug/kg
12672-29-6	Aroclor-1248	12000	ED	75.4	216	ug/kg
11097-69-1	Aroclor-1254	216	UD	40.9	216	ug/kg
37324-23-5	Aroclor-1262	216	UD	63.9	216	ug/kg
11100-14-4	Aroclor-1268	216	UD	45.8	216	ug/kg
11096-82-5	Aroclor-1260	1800	D	41.1	216	ug/kg
Total PCBs	Total PCBs	13000	D	117	216	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	33.3	*	32 - 144	167%	SPK: 20
2051-24-3	Decachlorobiphenyl	46.4	*	32 - 175	232%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/12/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0014DL2		SDG No.:	Q1572	
Lab Sample ID:	Q1572-02DL2		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	78.5	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
PP070582.D	50	03/14/25 12:25	03/17/25 11:18	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1100	UD	251	1100	ug/kg
11104-28-2	Aroclor-1221	1100	UD	257	1100	ug/kg
11141-16-5	Aroclor-1232	1100	UD	237	1100	ug/kg
53469-21-9	Aroclor-1242	1100	UD	255	1100	ug/kg
12672-29-6	Aroclor-1248	15000	D	377	1100	ug/kg
11097-69-1	Aroclor-1254	1100	UD	204	1100	ug/kg
37324-23-5	Aroclor-1262	1100	UD	320	1100	ug/kg
11100-14-4	Aroclor-1268	1100	UD	229	1100	ug/kg
11096-82-5	Aroclor-1260	2500	DP	206	1100	ug/kg
Total PCBs	Total PCBs	18000	D	583	1100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	SPK: 20

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/12/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0015		SDG No.:	Q1572	
Lab Sample ID:	Q1572-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	80	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
PP070554.D	1	03/14/25 12:25	03/15/25 00:14	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.2	U	4.90	21.2	ug/kg
11104-28-2	Aroclor-1221	21.2	U	5.00	21.2	ug/kg
11141-16-5	Aroclor-1232	21.2	U	4.60	21.2	ug/kg
53469-21-9	Aroclor-1242	21.2	U	5.00	21.2	ug/kg
12672-29-6	Aroclor-1248	5600	E	7.40	21.2	ug/kg
11097-69-1	Aroclor-1254	21.2	U	4.00	21.2	ug/kg
37324-23-5	Aroclor-1262	21.2	U	6.30	21.2	ug/kg
11100-14-4	Aroclor-1268	21.2	U	4.50	21.2	ug/kg
11096-82-5	Aroclor-1260	1100	E	4.00	21.2	ug/kg
Total PCBs	Total PCBs	6700	E	11.4	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.6		32 - 175	123%	SPK: 20

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/12/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	C0015DL		SDG No.:	Q1572	
Lab Sample ID:	Q1572-03DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	80	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
PP070583.D	5	03/14/25 12:25	03/17/25 11:35	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	106	UD	24.6	106	ug/kg
11104-28-2	Aroclor-1221	106	UD	25.1	106	ug/kg
11141-16-5	Aroclor-1232	106	UD	23.2	106	ug/kg
53469-21-9	Aroclor-1242	106	UD	25.0	106	ug/kg
12672-29-6	Aroclor-1248	6500	ED	36.9	106	ug/kg
11097-69-1	Aroclor-1254	106	UD	20.0	106	ug/kg
37324-23-5	Aroclor-1262	106	UD	31.3	106	ug/kg
11100-14-4	Aroclor-1268	106	UD	22.4	106	ug/kg
11096-82-5	Aroclor-1260	1300	D	20.1	106	ug/kg
Total PCBs	Total PCBs	7800	D	57.0	106	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.5		32 - 144	128%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.9		32 - 175	145%	SPK: 20

Comments:

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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:	C0015DL2		SDG No.:	Q1572	
Lab Sample ID:	Q1572-03DL2		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	80	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
PP070584.D	25	03/14/25 12:25	03/17/25 11:51	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	529	UD	123	529	ug/kg
11104-28-2	Aroclor-1221	529	UD	126	529	ug/kg
11141-16-5	Aroclor-1232	529	UD	116	529	ug/kg
53469-21-9	Aroclor-1242	529	UD	125	529	ug/kg
12672-29-6	Aroclor-1248	9300	D	184	529	ug/kg
11097-69-1	Aroclor-1254	529	UD	100	529	ug/kg
37324-23-5	Aroclor-1262	529	UD	156	529	ug/kg
11100-14-4	Aroclor-1268	529	UD	112	529	ug/kg
11096-82-5	Aroclor-1260	1800	D	101	529	ug/kg
Total PCBs	Total PCBs	11000	D	285	529	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	31.8	*	32 - 144	159%	SPK: 20
2051-24-3	Decachlorobiphenyl	38.0	*	32 - 175	190%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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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:	C0016			SDG No.:	Q1572	
Lab Sample ID:	Q1572-04			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	68.3	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
PP070555.D	1	03/14/25 12:25	03/15/25 00:30	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	24.8	U	5.80	24.8	ug/kg
11104-28-2	Aroclor-1221	24.8	U	5.90	24.8	ug/kg
11141-16-5	Aroclor-1232	24.8	U	5.40	24.8	ug/kg
53469-21-9	Aroclor-1242	24.8	U	5.90	24.8	ug/kg
12672-29-6	Aroclor-1248	9000	E	8.60	24.8	ug/kg
11097-69-1	Aroclor-1254	24.8	U	4.70	24.8	ug/kg
37324-23-5	Aroclor-1262	24.8	U	7.30	24.8	ug/kg
11100-14-4	Aroclor-1268	24.8	U	5.30	24.8	ug/kg
11096-82-5	Aroclor-1260	1200	E	4.70	24.8	ug/kg
Total PCBs	Total PCBs	10000	E	13.3	24.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.7		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	45.9	*	32 - 175	229%	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:	C0016DL		SDG No.:	Q1572	
Lab Sample ID:	Q1572-04DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	68.3	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
PP070585.D	5	03/14/25 12:25	03/17/25 12:07	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	124	UD	28.8	124	ug/kg
11104-28-2	Aroclor-1221	124	UD	29.4	124	ug/kg
11141-16-5	Aroclor-1232	124	UD	27.2	124	ug/kg
53469-21-9	Aroclor-1242	124	UD	29.3	124	ug/kg
12672-29-6	Aroclor-1248	11000	ED	43.2	124	ug/kg
11097-69-1	Aroclor-1254	124	UD	23.4	124	ug/kg
37324-23-5	Aroclor-1262	124	UD	36.7	124	ug/kg
11100-14-4	Aroclor-1268	124	UD	26.3	124	ug/kg
11096-82-5	Aroclor-1260	1500	D	23.6	124	ug/kg
Total PCBs	Total PCBs	12000	D	66.8	124	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		32 - 144	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	54.0	*	32 - 175	270%	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:	C0016DL2		SDG No.:	Q1572	
Lab Sample ID:	Q1572-04DL2		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	68.3	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
PP070586.D	25	03/14/25 12:25	03/17/25 12:23	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	621	UD	144	621	ug/kg
11104-28-2	Aroclor-1221	621	UD	147	621	ug/kg
11141-16-5	Aroclor-1232	621	UD	136	621	ug/kg
53469-21-9	Aroclor-1242	621	UD	146	621	ug/kg
12672-29-6	Aroclor-1248	8400	D	216	621	ug/kg
11097-69-1	Aroclor-1254	621	UD	117	621	ug/kg
37324-23-5	Aroclor-1262	621	UD	183	621	ug/kg
11100-14-4	Aroclor-1268	621	UD	131	621	ug/kg
11096-82-5	Aroclor-1260	1300	DP	118	621	ug/kg
Total PCBs	Total PCBs	9600	D	334	621	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0017		SDG No.:	Q1572	
Lab Sample ID:	Q1572-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.6	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
PP070556.D	1	03/14/25 12:25	03/15/25 00:46	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.8	U	5.30	22.8	ug/kg
11104-28-2	Aroclor-1221	22.8	U	5.40	22.8	ug/kg
11141-16-5	Aroclor-1232	22.8	U	5.00	22.8	ug/kg
53469-21-9	Aroclor-1242	22.8	U	5.40	22.8	ug/kg
12672-29-6	Aroclor-1248	16000	E	7.90	22.8	ug/kg
11097-69-1	Aroclor-1254	22.8	U	4.30	22.8	ug/kg
37324-23-5	Aroclor-1262	22.8	U	6.70	22.8	ug/kg
11100-14-4	Aroclor-1268	22.8	U	4.80	22.8	ug/kg
11096-82-5	Aroclor-1260	1200	E	4.30	22.8	ug/kg
Total PCBs	Total PCBs	17000	E	12.2	22.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	59.0	*	32 - 175	295%	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:	C0017DL		SDG No.:	Q1572	
Lab Sample ID:	Q1572-05DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.6	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
PP070587.D	10	03/14/25 12:25	03/17/25 12:40	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	228	UD	52.9	228	ug/kg
11104-28-2	Aroclor-1221	228	UD	53.9	228	ug/kg
11141-16-5	Aroclor-1232	228	UD	49.8	228	ug/kg
53469-21-9	Aroclor-1242	228	UD	53.7	228	ug/kg
12672-29-6	Aroclor-1248	22000	ED	79.2	228	ug/kg
11097-69-1	Aroclor-1254	228	UD	43.0	228	ug/kg
37324-23-5	Aroclor-1262	228	UD	67.2	228	ug/kg
11100-14-4	Aroclor-1268	228	UD	48.2	228	ug/kg
11096-82-5	Aroclor-1260	1900	D	43.2	228	ug/kg
Total PCBs	Total PCBs	24000	D	122	228	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.3		32 - 144	137%	SPK: 20
2051-24-3	Decachlorobiphenyl	96.6	*	32 - 175	483%	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:	C0017DL2		SDG No.:	Q1572	
Lab Sample ID:	Q1572-05DL2		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.6	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
PP070588.D	100	03/14/25 12:25	03/17/25 12:56	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	2300	UD	529	2300	ug/kg
11104-28-2	Aroclor-1221	2300	UD	539	2300	ug/kg
11141-16-5	Aroclor-1232	2300	UD	498	2300	ug/kg
53469-21-9	Aroclor-1242	2300	UD	537	2300	ug/kg
12672-29-6	Aroclor-1248	28000	D	792	2300	ug/kg
11097-69-1	Aroclor-1254	2300	UD	430	2300	ug/kg
37324-23-5	Aroclor-1262	2300	UD	672	2300	ug/kg
11100-14-4	Aroclor-1268	2300	UD	482	2300	ug/kg
11096-82-5	Aroclor-1260	2500	DP	432	2300	ug/kg
Total PCBs	Total PCBs	31000	D	1220	2300	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0018		SDG No.:	Q1572	
Lab Sample ID:	Q1572-06		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	76	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
PP070563.D	1	03/14/25 12:25	03/15/25 03:12	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.3	U	5.20	22.3	ug/kg
11104-28-2	Aroclor-1221	22.3	U	5.30	22.3	ug/kg
11141-16-5	Aroclor-1232	22.3	U	4.90	22.3	ug/kg
53469-21-9	Aroclor-1242	22.3	U	5.30	22.3	ug/kg
12672-29-6	Aroclor-1248	14000	E	7.80	22.3	ug/kg
11097-69-1	Aroclor-1254	22.3	U	4.20	22.3	ug/kg
37324-23-5	Aroclor-1262	22.3	U	6.60	22.3	ug/kg
11100-14-4	Aroclor-1268	22.3	U	4.70	22.3	ug/kg
11096-82-5	Aroclor-1260	930	E	4.20	22.3	ug/kg
Total PCBs	Total PCBs	15000	E	12.0	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		32 - 144	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.5		32 - 175	122%	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:	C0018DL		SDG No.:	Q1572	
Lab Sample ID:	Q1572-06DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	76	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
PP070597.D	5	03/14/25 12:25	03/17/25 16:10	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	112	UD	26.0	112	ug/kg
11104-28-2	Aroclor-1221	112	UD	26.5	112	ug/kg
11141-16-5	Aroclor-1232	112	UD	24.4	112	ug/kg
53469-21-9	Aroclor-1242	112	UD	26.4	112	ug/kg
12672-29-6	Aroclor-1248	17000	ED	38.9	112	ug/kg
11097-69-1	Aroclor-1254	112	UD	21.1	112	ug/kg
37324-23-5	Aroclor-1262	112	UD	33.0	112	ug/kg
11100-14-4	Aroclor-1268	112	UD	23.7	112	ug/kg
11096-82-5	Aroclor-1260	1200	D	21.2	112	ug/kg
Total PCBs	Total PCBs	18000	D	60.1	112	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	35.5	*	32 - 175	178%	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:	C0018DL2			SDG No.:	Q1572	
Lab Sample ID:	Q1572-06DL2			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	76	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
PP070646.D	50	03/14/25 12:25	03/18/25 10:31	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1100	UD	260	1100	ug/kg
11104-28-2	Aroclor-1221	1100	UD	265	1100	ug/kg
11141-16-5	Aroclor-1232	1100	UD	244	1100	ug/kg
53469-21-9	Aroclor-1242	1100	UD	264	1100	ug/kg
12672-29-6	Aroclor-1248	13000	D	389	1100	ug/kg
11097-69-1	Aroclor-1254	1100	UD	211	1100	ug/kg
37324-23-5	Aroclor-1262	1100	UD	330	1100	ug/kg
11100-14-4	Aroclor-1268	1100	UD	237	1100	ug/kg
11096-82-5	Aroclor-1260	978	JDP	212	1100	ug/kg
Total PCBs	Total PCBs	14000	D	601	1100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0019			SDG No.:	Q1572	
Lab Sample ID:	Q1572-07			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	69.1	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
PP070557.D	1	03/14/25 12:25	03/15/25 01:02	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	24.6	U	5.70	24.6	ug/kg
11104-28-2	Aroclor-1221	24.6	U	5.80	24.6	ug/kg
11141-16-5	Aroclor-1232	24.6	U	5.40	24.6	ug/kg
53469-21-9	Aroclor-1242	24.6	U	5.80	24.6	ug/kg
12672-29-6	Aroclor-1248	2600	E	8.60	24.6	ug/kg
11097-69-1	Aroclor-1254	24.6	U	4.60	24.6	ug/kg
37324-23-5	Aroclor-1262	24.6	U	7.30	24.6	ug/kg
11100-14-4	Aroclor-1268	24.6	U	5.20	24.6	ug/kg
11096-82-5	Aroclor-1260	308		4.70	24.6	ug/kg
Total PCBs	Total PCBs	3000		13.3	24.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.4		32 - 175	142%	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:	C0019DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-07DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	69.1	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
PP070596.D	10	03/14/25 12:25	03/17/25 15:54	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	246	UD	57.1	246	ug/kg
11104-28-2	Aroclor-1221	246	UD	58.3	246	ug/kg
11141-16-5	Aroclor-1232	246	UD	53.8	246	ug/kg
53469-21-9	Aroclor-1242	246	UD	58.0	246	ug/kg
12672-29-6	Aroclor-1248	3700	D	85.6	246	ug/kg
11097-69-1	Aroclor-1254	246	UD	46.4	246	ug/kg
37324-23-5	Aroclor-1262	246	UD	72.6	246	ug/kg
11100-14-4	Aroclor-1268	246	UD	52.1	246	ug/kg
11096-82-5	Aroclor-1260	482	DP	46.7	246	ug/kg
Total PCBs	Total PCBs	4200	D	132	246	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.5		32 - 175	163%	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:	C0020		SDG No.:	Q1572	
Lab Sample ID:	Q1572-08		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.8	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
PP070566.D	1	03/14/25 12:25	03/15/25 04:01	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.7	U	5.30	22.7	ug/kg
11104-28-2	Aroclor-1221	22.7	U	5.40	22.7	ug/kg
11141-16-5	Aroclor-1232	22.7	U	5.00	22.7	ug/kg
53469-21-9	Aroclor-1242	22.7	U	5.40	22.7	ug/kg
12672-29-6	Aroclor-1248	2700	E	7.90	22.7	ug/kg
11097-69-1	Aroclor-1254	22.7	U	4.30	22.7	ug/kg
37324-23-5	Aroclor-1262	22.7	U	6.70	22.7	ug/kg
11100-14-4	Aroclor-1268	22.7	U	4.80	22.7	ug/kg
11096-82-5	Aroclor-1260	22.7	U	4.30	22.7	ug/kg
Total PCBs	Total PCBs	2700		7.90	22.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	46.4	*	32 - 175	232%	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:	C0020DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-08DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	74.8	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
PP070599.D	10	03/14/25 12:25	03/17/25 16:43	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	227	UD	52.7	227	ug/kg
11104-28-2	Aroclor-1221	227	UD	53.8	227	ug/kg
11141-16-5	Aroclor-1232	227	UD	49.7	227	ug/kg
53469-21-9	Aroclor-1242	227	UD	53.5	227	ug/kg
12672-29-6	Aroclor-1248	3700	D	79.0	227	ug/kg
11097-69-1	Aroclor-1254	227	UD	42.9	227	ug/kg
37324-23-5	Aroclor-1262	227	UD	67.0	227	ug/kg
11100-14-4	Aroclor-1268	227	UD	48.1	227	ug/kg
11096-82-5	Aroclor-1260	227	UD	43.1	227	ug/kg
Total PCBs	Total PCBs	3700	D	79.0	227	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		32 - 144	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	62.1	*	32 - 175	311%	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:	C0021			SDG No.:	Q1572	
Lab Sample ID:	Q1572-09			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	66.9	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
PP070567.D	1	03/14/25 12:25	03/15/25 04:17	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	25.3	U	5.90	25.3	ug/kg
11104-28-2	Aroclor-1221	25.3	U	6.00	25.3	ug/kg
11141-16-5	Aroclor-1232	25.3	U	5.50	25.3	ug/kg
53469-21-9	Aroclor-1242	25.3	U	6.00	25.3	ug/kg
12672-29-6	Aroclor-1248	9500	E	8.80	25.3	ug/kg
11097-69-1	Aroclor-1254	25.3	U	4.80	25.3	ug/kg
37324-23-5	Aroclor-1262	25.3	U	7.50	25.3	ug/kg
11100-14-4	Aroclor-1268	25.3	U	5.40	25.3	ug/kg
11096-82-5	Aroclor-1260	25.3	U	4.80	25.3	ug/kg
Total PCBs	Total PCBs	9500	E	8.80	25.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.1		32 - 144	70%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.1		32 - 175	165%	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:	C0021DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-09DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	66.9	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
PP070600.D	25	03/14/25 12:25	03/17/25 16:59	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	634	UD	147	634	ug/kg
11104-28-2	Aroclor-1221	634	UD	150	634	ug/kg
11141-16-5	Aroclor-1232	634	UD	139	634	ug/kg
53469-21-9	Aroclor-1242	634	UD	149	634	ug/kg
12672-29-6	Aroclor-1248	8300	D	221	634	ug/kg
11097-69-1	Aroclor-1254	634	UD	120	634	ug/kg
37324-23-5	Aroclor-1262	634	UD	187	634	ug/kg
11100-14-4	Aroclor-1268	634	UD	134	634	ug/kg
11096-82-5	Aroclor-1260	634	UD	120	634	ug/kg
Total PCBs	Total PCBs	8300	D	221	634	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0022			SDG No.:	Q1572	
Lab Sample ID:	Q1572-10			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	65.9	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
PO109896.D	1	03/14/25 12:25	03/14/25 17:02	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	25.8	U	6.00	25.8	ug/kg
11104-28-2	Aroclor-1221	25.8	U	6.10	25.8	ug/kg
11141-16-5	Aroclor-1232	25.8	U	5.60	25.8	ug/kg
53469-21-9	Aroclor-1242	25.8	U	6.10	25.8	ug/kg
12672-29-6	Aroclor-1248	25000	E	9.00	25.8	ug/kg
11097-69-1	Aroclor-1254	25.8	U	4.90	25.8	ug/kg
37324-23-5	Aroclor-1262	25.8	U	7.60	25.8	ug/kg
11100-14-4	Aroclor-1268	25.8	U	5.50	25.8	ug/kg
11096-82-5	Aroclor-1260	25.8	U	4.90	25.8	ug/kg
Total PCBs	Total PCBs	25000	E	9.00	25.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	11.9		32 - 144	60%	SPK: 20
2051-24-3	Decachlorobiphenyl	373	*	32 - 175	1865%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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:	C0022DL		SDG No.:	Q1572	
Lab Sample ID:	Q1572-10DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	65.9	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
PO109931.D	100	03/14/25 12:25	03/17/25 13:08	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	2600	UD	598	2600	ug/kg
11104-28-2	Aroclor-1221	2600	UD	611	2600	ug/kg
11141-16-5	Aroclor-1232	2600	UD	564	2600	ug/kg
53469-21-9	Aroclor-1242	2600	UD	607	2600	ug/kg
12672-29-6	Aroclor-1248	41000	D	897	2600	ug/kg
11097-69-1	Aroclor-1254	2600	UD	486	2600	ug/kg
37324-23-5	Aroclor-1262	2600	UD	760	2600	ug/kg
11100-14-4	Aroclor-1268	2600	UD	545	2600	ug/kg
11096-82-5	Aroclor-1260	2600	UD	489	2600	ug/kg
Total PCBs	Total PCBs	41000	D	897	2600	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0023		SDG No.:	Q1572	
Lab Sample ID:	Q1572-11		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	83.8	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
PO109897.D	1	03/14/25 12:25	03/14/25 17:21	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.3	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	20.3	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	20.3	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	20.3	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	1600	E	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	20.3	U	3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	20.3	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	20.3	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	20.3	U	3.90	20.3	ug/kg
Total PCBs	Total PCBs	1600		7.10	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	44.3	*	32 - 175	222%	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:	C0023DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-11DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	83.8	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
PO109932.D	10	03/14/25 12:25	03/17/25 13:27	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	203	UD	47.1	203	ug/kg
11104-28-2	Aroclor-1221	203	UD	48.0	203	ug/kg
11141-16-5	Aroclor-1232	203	UD	44.3	203	ug/kg
53469-21-9	Aroclor-1242	203	UD	47.8	203	ug/kg
12672-29-6	Aroclor-1248	2000	D	70.6	203	ug/kg
11097-69-1	Aroclor-1254	203	UD	38.3	203	ug/kg
37324-23-5	Aroclor-1262	203	UD	59.8	203	ug/kg
11100-14-4	Aroclor-1268	203	UD	42.9	203	ug/kg
11096-82-5	Aroclor-1260	203	UD	38.5	203	ug/kg
Total PCBs	Total PCBs	2000	D	70.6	203	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	54.3	*	32 - 175	272%	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:	C0024			SDG No.:	Q1572	
Lab Sample ID:	Q1572-12			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	74.8	Decanted:
Sample Wt/Vol:	30.09	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
PO109898.D	1	03/14/25 12:25	03/14/25 17:39	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.7	U	5.30	22.7	ug/kg
11104-28-2	Aroclor-1221	22.7	U	5.40	22.7	ug/kg
11141-16-5	Aroclor-1232	22.7	U	5.00	22.7	ug/kg
53469-21-9	Aroclor-1242	22.7	U	5.30	22.7	ug/kg
12672-29-6	Aroclor-1248	69000	EP	7.90	22.7	ug/kg
11097-69-1	Aroclor-1254	22.7	U	4.30	22.7	ug/kg
37324-23-5	Aroclor-1262	22.7	U	6.70	22.7	ug/kg
11100-14-4	Aroclor-1268	22.7	U	4.80	22.7	ug/kg
11096-82-5	Aroclor-1260	5400	E	4.30	22.7	ug/kg
Total PCBs	Total PCBs	74000	EP	12.2	22.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		32 - 144	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	69.7	*	32 - 175	349%	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:	C0024DL			SDG No.:	Q1572	
Lab Sample ID:	Q1572-12DL			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	74.8	Decanted:
Sample Wt/Vol:	30.09	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
PO109933.D	50	03/14/25 12:25	03/17/25 13:45	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1100	UD	263	1100	ug/kg
11104-28-2	Aroclor-1221	1100	UD	269	1100	ug/kg
11141-16-5	Aroclor-1232	1100	UD	248	1100	ug/kg
53469-21-9	Aroclor-1242	1100	UD	267	1100	ug/kg
12672-29-6	Aroclor-1248	120000	ED	395	1100	ug/kg
11097-69-1	Aroclor-1254	1100	UD	214	1100	ug/kg
37324-23-5	Aroclor-1262	1100	UD	335	1100	ug/kg
11100-14-4	Aroclor-1268	1100	UD	240	1100	ug/kg
11096-82-5	Aroclor-1260	8300	D	215	1100	ug/kg
Total PCBs	Total PCBs	130000	D	610	1100	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0024DL2		SDG No.:	Q1572	
Lab Sample ID:	Q1572-12DL2		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.8	Decanted:
Sample Wt/Vol:	30.09	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
PO109966.D	500	03/14/25 12:25	03/18/25 09:19	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	11000	UD	2600	11000	ug/kg
11104-28-2	Aroclor-1221	11000	UD	2700	11000	ug/kg
11141-16-5	Aroclor-1232	11000	UD	2500	11000	ug/kg
53469-21-9	Aroclor-1242	11000	UD	2700	11000	ug/kg
12672-29-6	Aroclor-1248	160000	D	3900	11000	ug/kg
11097-69-1	Aroclor-1254	11000	UD	2100	11000	ug/kg
37324-23-5	Aroclor-1262	11000	UD	3300	11000	ug/kg
11100-14-4	Aroclor-1268	11000	UD	2400	11000	ug/kg
11096-82-5	Aroclor-1260	12000	D	2200	11000	ug/kg
Total PCBs	Total PCBs	170000	D	6100	11000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	0	*	32 - 144	0%	SPK: 20
2051-24-3	Decachlorobiphenyl	0	*	32 - 175	0%	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:	C0025			SDG No.:	Q1572	
Lab Sample ID:	Q1572-13			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	76.3	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
PO109899.D	1	03/14/25 12:25	03/14/25 17:57	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.2	U	5.20	22.2	ug/kg
11104-28-2	Aroclor-1221	22.2	U	5.30	22.2	ug/kg
11141-16-5	Aroclor-1232	22.2	U	4.90	22.2	ug/kg
53469-21-9	Aroclor-1242	22.2	U	5.20	22.2	ug/kg
12672-29-6	Aroclor-1248	22.2	U	7.70	22.2	ug/kg
11097-69-1	Aroclor-1254	22.2	U	4.20	22.2	ug/kg
37324-23-5	Aroclor-1262	22.2	U	6.60	22.2	ug/kg
11100-14-4	Aroclor-1268	22.2	U	4.70	22.2	ug/kg
11096-82-5	Aroclor-1260	22.2	U	4.20	22.2	ug/kg
Total PCBs	Total PCBs	22.2	U	7.70	22.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	94%	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:	C0026		SDG No.:	Q1572	
Lab Sample ID:	Q1572-14		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	74.6	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
PO109900.D	1	03/14/25 12:25	03/14/25 18:16	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.8	U	5.30	22.8	ug/kg
11104-28-2	Aroclor-1221	22.8	U	5.40	22.8	ug/kg
11141-16-5	Aroclor-1232	22.8	U	5.00	22.8	ug/kg
53469-21-9	Aroclor-1242	22.8	U	5.40	22.8	ug/kg
12672-29-6	Aroclor-1248	22.8	U	7.90	22.8	ug/kg
11097-69-1	Aroclor-1254	22.8	U	4.30	22.8	ug/kg
37324-23-5	Aroclor-1262	22.8	U	6.70	22.8	ug/kg
11100-14-4	Aroclor-1268	22.8	U	4.80	22.8	ug/kg
11096-82-5	Aroclor-1260	22.8	U	4.30	22.8	ug/kg
Total PCBs	Total PCBs	22.8	U	7.90	22.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		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

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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:	C0027			SDG No.:	Q1572	
Lab Sample ID:	Q1572-15			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	73.8	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
PO109901.D	1	03/14/25 12:25	03/14/25 18:34	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	23.0	U	5.30	23.0	ug/kg
11104-28-2	Aroclor-1221	23.0	U	5.40	23.0	ug/kg
11141-16-5	Aroclor-1232	23.0	U	5.00	23.0	ug/kg
53469-21-9	Aroclor-1242	23.0	U	5.40	23.0	ug/kg
12672-29-6	Aroclor-1248	23.0	U	8.00	23.0	ug/kg
11097-69-1	Aroclor-1254	23.0	U	4.30	23.0	ug/kg
37324-23-5	Aroclor-1262	23.0	U	6.80	23.0	ug/kg
11100-14-4	Aroclor-1268	23.0	U	4.90	23.0	ug/kg
11096-82-5	Aroclor-1260	23.0	U	4.40	23.0	ug/kg
Total PCBs	Total PCBs	23.0	U	8.00	23.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		32 - 175	63%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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

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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:	C0028		SDG No.:	Q1572	
Lab Sample ID:	Q1572-16		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	82.8	Decanted:
Sample Wt/Vol:	30.09	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
PO109902.D	1	03/14/25 12:25	03/14/25 18:52	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.5	U	4.80	20.5	ug/kg
11104-28-2	Aroclor-1221	20.5	U	4.90	20.5	ug/kg
11141-16-5	Aroclor-1232	20.5	U	4.50	20.5	ug/kg
53469-21-9	Aroclor-1242	20.5	U	4.80	20.5	ug/kg
12672-29-6	Aroclor-1248	71.4		7.10	20.5	ug/kg
11097-69-1	Aroclor-1254	20.5	U	3.90	20.5	ug/kg
37324-23-5	Aroclor-1262	20.5	U	6.00	20.5	ug/kg
11100-14-4	Aroclor-1268	20.5	U	4.30	20.5	ug/kg
11096-82-5	Aroclor-1260	26.9		3.90	20.5	ug/kg
Total PCBs	Total PCBs	98.2		11.0	20.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		32 - 144	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		32 - 175	64%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

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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.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO109425.D	PIBLK-PO109425.D	Tetrachloro-m-xylene	1	20	25.3	126		60	140
		Decachlorobiphenyl	1	20	25.3	126		60	140
		Tetrachloro-m-xylene	2	20	24.1	121		60	140
		Decachlorobiphenyl	2	20	25.5	127		60	140
I.BLK-PO109894.D	PIBLK-PO109894.D	Tetrachloro-m-xylene	1	20	20.7	103		60	140
		Decachlorobiphenyl	1	20	18.6	93		60	140
		Tetrachloro-m-xylene	2	20	21.0	105		60	140
		Decachlorobiphenyl	2	20	18.6	93		60	140
Q1572-10	C0022	Tetrachloro-m-xylene	1	20	11.6	58		32	144
		Decachlorobiphenyl	1	20	373	1865	*	32	175
		Tetrachloro-m-xylene	2	20	11.9	60		32	144
		Decachlorobiphenyl	2	20	291	1454	*	32	175
Q1572-11	C0023	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	44.3	222	*	32	175
		Tetrachloro-m-xylene	2	20	18.7	94		32	144
		Decachlorobiphenyl	2	20	42.3	211	*	32	175
Q1572-12	C0024	Tetrachloro-m-xylene	1	20	14.2	71		32	144
		Decachlorobiphenyl	1	20	49.8	249	*	32	175
		Tetrachloro-m-xylene	2	20	15.0	75		32	144
		Decachlorobiphenyl	2	20	69.7	349	*	32	175
Q1572-13	C0025	Tetrachloro-m-xylene	1	20	18.7	93		32	144
		Decachlorobiphenyl	1	20	18.4	92		32	175
		Tetrachloro-m-xylene	2	20	18.7	94		32	144
		Decachlorobiphenyl	2	20	18.7	94		32	175
Q1572-14	C0026	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	22.3	112		32	175
		Tetrachloro-m-xylene	2	20	20.7	104		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
Q1572-15	C0027	Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	12.5	62		32	175
		Tetrachloro-m-xylene	2	20	19.8	99		32	144
		Decachlorobiphenyl	2	20	12.7	63		32	175
Q1572-16	C0028	Tetrachloro-m-xylene	1	20	20.6	103		32	144
		Decachlorobiphenyl	1	20	12.6	63		32	175
		Tetrachloro-m-xylene	2	20	21.0	105		32	144
		Decachlorobiphenyl	2	20	12.8	64		32	175
I.BLK-PO109908.D	PIBLK-PO109908.D	Tetrachloro-m-xylene	1	20	20.8	104		60	140
		Decachlorobiphenyl	1	20	18.3	92		60	140
		Tetrachloro-m-xylene	2	20	21.1	106		60	140
		Decachlorobiphenyl	2	20	18.8	94		60	140
I.BLK-PO109927.D	PIBLK-PO109927.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140

Surrogate Summary

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO109927.D	PIBLK-PO109927.D	Decachlorobiphenyl	1	20	17.1	86		60	140
		Tetrachloro-m-xylene	2	20	20.4	102		60	140
		Decachlorobiphenyl	2	20	17.4	87		60	140
Q1572-10DL	C0022DL	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1572-11DL	C0023DL	Tetrachloro-m-xylene	1	20	21.4	107		32	144
		Decachlorobiphenyl	1	20	52.4	262	*	32	175
		Tetrachloro-m-xylene	2	20	22.1	111		32	144
		Decachlorobiphenyl	2	20	54.3	272	*	32	175
Q1572-12DL	C0024DL	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PO109939.D	PIBLK-PO109939.D	Tetrachloro-m-xylene	1	20	20.4	102		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	20.5	103		60	140
		Decachlorobiphenyl	2	20	16.5	83		60	140
I.BLK-PO109965.D	PIBLK-PO109965.D	Tetrachloro-m-xylene	1	20	20.9	104		60	140
		Decachlorobiphenyl	1	20	17.9	90		60	140
		Tetrachloro-m-xylene	2	20	20.6	103		60	140
		Decachlorobiphenyl	2	20	15.5	77		60	140
Q1572-12DL2	C0024DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PO109969.D	PIBLK-PO109969.D	Tetrachloro-m-xylene	1	20	20.3	101		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	20.1	100		60	140
		Decachlorobiphenyl	2	20	16.5	82		60	140
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-PP070547.D	PIBLK-PP070547.D	Tetrachloro-m-xylene	1	20	19.5	97		60	140
		Decachlorobiphenyl	1	20	20.3	101		60	140
		Tetrachloro-m-xylene	2	20	20.5	102		60	140
		Decachlorobiphenyl	2	20	20.4	102		60	140
PB167143BL	PB167143BL	Tetrachloro-m-xylene	1	20	20.4	102		32	144
		Decachlorobiphenyl	1	20	21.2	106		32	175

Surrogate Summary

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
PB167143BL	PB167143BL	Tetrachloro-m-xylene	2	20	21.4	107		32	144
		Decachlorobiphenyl	2	20	21.0	105		32	175
PB167143BS	PB167143BS	Tetrachloro-m-xylene	1	20	21.4	107		32	144
		Decachlorobiphenyl	1	20	21.8	109		32	175
		Tetrachloro-m-xylene	2	20	21.7	108		32	144
		Decachlorobiphenyl	2	20	20.0	100		32	175
Q1572-01	C0AC9	Tetrachloro-m-xylene	1	20	17.6	88		32	144
		Decachlorobiphenyl	1	20	16.6	83		32	175
		Tetrachloro-m-xylene	2	20	18.1	90		32	144
		Decachlorobiphenyl	2	20	49.9	250	*	32	175
Q1572-02	C0014	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	22.6	113		32	175
		Tetrachloro-m-xylene	2	20	20.6	103		32	144
		Decachlorobiphenyl	2	20	31.7	159		32	175
Q1572-03	C0015	Tetrachloro-m-xylene	1	20	18.0	90		32	144
		Decachlorobiphenyl	1	20	18.9	95		32	175
		Tetrachloro-m-xylene	2	20	19.5	97		32	144
		Decachlorobiphenyl	2	20	24.6	123		32	175
Q1572-04	C0016	Tetrachloro-m-xylene	1	20	17.5	88		32	144
		Decachlorobiphenyl	1	20	17.6	88		32	175
		Tetrachloro-m-xylene	2	20	17.7	88		32	144
		Decachlorobiphenyl	2	20	45.9	229	*	32	175
Q1572-05	C0017	Tetrachloro-m-xylene	1	20	16.9	84		32	144
		Decachlorobiphenyl	1	20	26.0	130		32	175
		Tetrachloro-m-xylene	2	20	17.4	87		32	144
		Decachlorobiphenyl	2	20	59.0	295	*	32	175
Q1572-07	C0019	Tetrachloro-m-xylene	1	20	16.1	81		32	144
		Decachlorobiphenyl	1	20	10.3	52		32	175
		Tetrachloro-m-xylene	2	20	17.5	88		32	144
		Decachlorobiphenyl	2	20	28.4	142		32	175
I.BLK-PP070562.D	PIBLK-PP070562.D	Tetrachloro-m-xylene	1	20	20.1	100		60	140
		Decachlorobiphenyl	1	20	20.9	104		60	140
		Tetrachloro-m-xylene	2	20	21.2	106		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
Q1572-06	C0018	Tetrachloro-m-xylene	1	20	15.8	79		32	144
		Decachlorobiphenyl	1	20	14.7	73		32	175
		Tetrachloro-m-xylene	2	20	15.7	78		32	144
		Decachlorobiphenyl	2	20	24.5	122		32	175
Q1572-06MS	C0018MS	Tetrachloro-m-xylene	1	20	20.3	101		32	144
		Decachlorobiphenyl	1	20	21.8	109		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144

Surrogate Summary

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1572-06MS	C0018MS	Decachlorobiphenyl	2	20	34.0	170		32	175
Q1572-06MSD	C0018MSD	Tetrachloro-m-xylene	1	20	20.8	104		32	144
		Decachlorobiphenyl	1	20	22.3	112		32	175
		Tetrachloro-m-xylene	2	20	19.6	98		32	144
		Decachlorobiphenyl	2	20	33.2	166		32	175
Q1572-08	C0020	Tetrachloro-m-xylene	1	20	17.5	87		32	144
		Decachlorobiphenyl	1	20	24.6	123		32	175
		Tetrachloro-m-xylene	2	20	18.7	94		32	144
		Decachlorobiphenyl	2	20	46.4	232	*	32	175
Q1572-09	C0021	Tetrachloro-m-xylene	1	20	14.1	70		32	144
		Decachlorobiphenyl	1	20	33.1	165		32	175
		Tetrachloro-m-xylene	2	20	14.0	70		32	144
		Decachlorobiphenyl	2	20	31.0	155		32	175
I.BLK-PP070572.D	PIBLK-PP070572.D	Tetrachloro-m-xylene	1	20	20.2	101		60	140
		Decachlorobiphenyl	1	20	21.0	105		60	140
		Tetrachloro-m-xylene	2	20	21.1	105		60	140
		Decachlorobiphenyl	2	20	20.5	102		60	140
I.BLK-PP070578.D	PIBLK-PP070578.D	Tetrachloro-m-xylene	1	20	19.5	98		60	140
		Decachlorobiphenyl	1	20	21.3	106		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	20.4	102		60	140
Q1572-01DL	C0AC9DL	Tetrachloro-m-xylene	1	20	25.9	130		32	144
		Decachlorobiphenyl	1	20	23.2	116		32	175
		Tetrachloro-m-xylene	2	20	27.2	136		32	144
		Decachlorobiphenyl	2	20	69.3	347	*	32	175
Q1572-01DL2	C0AC9DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1572-02DL	C0014DL	Tetrachloro-m-xylene	1	20	30.0	150	*	32	144
		Decachlorobiphenyl	1	20	31.4	157		32	175
		Tetrachloro-m-xylene	2	20	33.3	167	*	32	144
		Decachlorobiphenyl	2	20	46.4	232	*	32	175
Q1572-02DL2	C0014DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1572-03DL	C0015DL	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	22.6	113		32	175
		Tetrachloro-m-xylene	2	20	25.5	128		32	144
		Decachlorobiphenyl	2	20	28.9	145		32	175

Surrogate Summary

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1572-03DL2	C0015DL2	Tetrachloro-m-xylene	1	20	25.5	128		32	144
		Decachlorobiphenyl	1	20	24.5	123		32	175
		Tetrachloro-m-xylene	2	20	31.8	159	*	32	144
		Decachlorobiphenyl	2	20	38.0	190	*	32	175
Q1572-04DL	C0016DL	Tetrachloro-m-xylene	1	20	20.1	100		32	144
		Decachlorobiphenyl	1	20	19.4	97		32	175
		Tetrachloro-m-xylene	2	20	23.2	116		32	144
		Decachlorobiphenyl	2	20	54.0	270	*	32	175
Q1572-04DL2	C0016DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
Q1572-05DL	C0017DL	Tetrachloro-m-xylene	1	20	24.1	121		32	144
		Decachlorobiphenyl	1	20	30.6	153		32	175
		Tetrachloro-m-xylene	2	20	27.3	137		32	144
		Decachlorobiphenyl	2	20	96.6	483	*	32	175
Q1572-05DL2	C0017DL2	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
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
Q1572-07DL	C0019DL	Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	12.2	61		32	175
		Tetrachloro-m-xylene	2	20	21.0	105		32	144
		Decachlorobiphenyl	2	20	32.5	163		32	175
Q1572-06DL	C0018DL	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	18.6	93		32	175
		Tetrachloro-m-xylene	2	20	15.7	78		32	144
		Decachlorobiphenyl	2	20	35.5	178	*	32	175
Q1572-08DL	C0020DL	Tetrachloro-m-xylene	1	20	24.8	124		32	144
		Decachlorobiphenyl	1	20	29.6	148		32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
		Decachlorobiphenyl	2	20	62.1	311	*	32	175
Q1572-09DL	C0021DL	Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
		Decachlorobiphenyl	2	20	0	0	*	32	175
I.BLK-PP070608.D	PIBLK-PP070608.D	Tetrachloro-m-xylene	1	20	19.7	99		60	140

Surrogate Summary

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP070608.D	PIBLK-PP070608.D	Decachlorobiphenyl	1	20	21.2	106		60	140
		Tetrachloro-m-xylene	2	20	20.8	104		60	140
I.BLK-PP070642.D	PIBLK-PP070642.D	Decachlorobiphenyl	2	20	20.3	101		60	140
		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
Q1572-06DL2	C0018DL2	Decachlorobiphenyl	2	20	20.2	101		60	140
		Tetrachloro-m-xylene	1	20	0	0	*	32	144
		Decachlorobiphenyl	1	20	0	0	*	32	175
		Tetrachloro-m-xylene	2	20	0	0	*	32	144
I.BLK-PP070651.D	PIBLK-PP070651.D	Decachlorobiphenyl	2	20	0	0	*	32	175
		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.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

DataFile : PP070564.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	C0018MS											
Q1572-06MS	AR1016	218.8	0	16000	ug/kg	7313	*			55	146	
	AR1260	218.8	930	1300	ug/kg	169	*			31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: 8082A

DataFile : PP070565.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	C0018MSD											
Q1572-06MSD	AR1016	218.6	0	17000	ug/kg	7777	*	6		55	146	20
	AR1260	218.6	930	1400	ug/kg	215	*	24	*	31	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1572

Client: Tetra Tech, EMI

Analytical Method: **8082A** Datafile : PP070549.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167143BS	AR1016	166.5	152	ug/kg	91				71	120		
	AR1260	166.5	145	ug/kg	87				65	130		

A

B

C

D

E

F

G

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167143BL

Lab Name: CHEMTECH

Contract: TETR16

Lab Code: CHEM Case No.: Q1572

SAS No.: Q1572 SDG NO.: Q1572

Lab Sample ID: PB167143BL

Lab File ID: PP070548.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/14/2025

Date Analyzed (1): 03/14/2025

Date Analyzed (2): 03/14/2025

Time Analyzed (1): 22:36

Time Analyzed (2): 22:36

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
C0022	Q1572-10	PO109896.D	03/14/2025	03/14/2025
C0023	Q1572-11	PO109897.D	03/14/2025	03/14/2025
C0024	Q1572-12	PO109898.D	03/14/2025	03/14/2025
C0025	Q1572-13	PO109899.D	03/14/2025	03/14/2025
C0026	Q1572-14	PO109900.D	03/14/2025	03/14/2025
C0027	Q1572-15	PO109901.D	03/14/2025	03/14/2025
C0028	Q1572-16	PO109902.D	03/14/2025	03/14/2025
PB167143BS	PB167143BS	PP070549.D	03/14/2025	03/14/2025
C0AC9	Q1572-01	PP070552.D	03/14/2025	03/14/2025
C0014	Q1572-02	PP070553.D	03/14/2025	03/14/2025
C0015	Q1572-03	PP070554.D	03/15/2025	03/15/2025
C0016	Q1572-04	PP070555.D	03/15/2025	03/15/2025
C0017	Q1572-05	PP070556.D	03/15/2025	03/15/2025
C0019	Q1572-07	PP070557.D	03/15/2025	03/15/2025
C0018	Q1572-06	PP070563.D	03/15/2025	03/15/2025
C0018MS	Q1572-06MS	PP070564.D	03/15/2025	03/15/2025
C0018MSD	Q1572-06MSD	PP070565.D	03/15/2025	03/15/2025
C0020	Q1572-08	PP070566.D	03/15/2025	03/15/2025
C0021	Q1572-09	PP070567.D	03/15/2025	03/15/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025
Calibration Times: 16:46 01:02

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

LAB FILE ID: **RT 1000 =** PO109426.D **RT 750 =** PO109427.D
RT 500 = PO109428.D **RT 250 =** PO109429.D **RT 050 =** PO109430.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1016-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1016-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1260-3	(3)	6.85	6.85	6.85	6.85	6.84	6.85	6.75	6.95
Aroclor-1260-4	(4)	7.11	7.11	7.11	7.11	7.10	7.11	7.01	7.21
Aroclor-1260-5	(5)	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1242-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1242-2	(2)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1242-3	(3)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1248-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1248-2	(2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1248-3	(3)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-4	(4)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Aroclor-1254-4	(4)	6.38	6.39	6.39	6.39	6.38	6.39	6.29	6.49
Aroclor-1254-5	(5)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Decachlorobiphenyl		8.75	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80
Aroclor-1268-1	(1)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-2	(2)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-3	(3)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1268-4	(4)	8.19	8.19	8.19	8.19	8.19	8.19	8.09	8.29
Aroclor-1268-5	(5)	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.75	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene	3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025
Calibration Times: 16:46 01:02

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

LAB FILE ID: **RT 1000 =** PO109426.D **RT 750 =** PO109427.D
RT 500 = PO109428.D **RT 250 =** PO109429.D **RT 050 =** PO109430.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1016-5	(5)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1260-1	(1)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1260-2	(2)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1260-3	(3)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1242-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-2	(2)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-3	(3)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1242-4	(4)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1242-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1248-1	(1)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1248-2	(2)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1248-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1248-4	(4)	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
Aroclor-1248-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1254-2	(2)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1254-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1254-5	(5)	6.77	6.78	6.77	6.78	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.87	7.87	7.87	7.87	7.87	7.87	7.77	7.97
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.45	8.45	8.45	8.45	8.45	8.35	8.55

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.71	8.71	8.71	8.71	8.70	8.71	8.61	8.81
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
Instrument ID: ECD_O
Calibration Date(s): 02/20/2025 02/21/2025
Calibration Times: 16:46 01:02
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	285955176	296470909	301678880	330073932	327272520	308290283
Aroclor-1016-2	(2)	400344510	409149469	414645114	446605912	434387780	421026557
Aroclor-1016-3	(3)	275712654	284750529	289403798	321232168	307985600	295816950
Aroclor-1016-4	(4)	217819857	224475380	225979744	249359212	241266360	231780111
Aroclor-1016-5	(5)	234915990	244172492	252269048	280073416	279718840	258229957
Aroclor-1260-1	(1)	432857882	445030616	458030860	496965692	497771560	466131322
Aroclor-1260-2	(2)	530613873	540598143	549997768	596865796	607516180	565118352
Aroclor-1260-3	(3)	446055940	458685821	463532386	505033376	504998020	475661109
Aroclor-1260-4	(4)	409227231	417077069	426071740	458083200	447546300	431601108
Aroclor-1260-5	(5)	975246933	982402905	1001465846	1034939896	975352280	993881572
Decachlorobiphenyl		8144381710	8253336907	8542716440	9068866760	9000001000	8601860563
Tetrachloro-m-xylene		9594159870	9382441773	9407964980	9839303320	9101752600	9465124509
Aroclor-1242-1	(1)	241553792	248781753	263582376	278206104	276700060	261764817
Aroclor-1242-2	(2)	330250979	341141312	360022594	377835792	370979720	356046079
Aroclor-1242-3	(3)	230958690	239403319	256570990	271941764	257976860	251370325
Aroclor-1242-4	(4)	181873604	188232188	200194694	210194852	201763980	196451864
Aroclor-1242-5	(5)	192196869	198312276	212424054	232317448	236630280	214376185
Decachlorobiphenyl		7571460160	7783053733	8197005760	8686332120	8704566000	8188483555
Tetrachloro-m-xylene		9236931880	9400204853	9446860340	9568057960	9056865000	9341784007
Aroclor-1248-1	(1)	183385441	189253437	200901320	213658596	210346400	199509039
Aroclor-1248-2	(2)	249519113	262229969	281655510	299590856	298458120	278290714
Aroclor-1248-3	(3)	313646829	324719312	346217716	370103360	392176240	349372691
Aroclor-1248-4	(4)	439951399	452724037	479184310	509535492	504078340	477094716
Aroclor-1248-5	(5)	310476659	318507132	337630456	365736804	380196620	342509534
Decachlorobiphenyl		7703959900	7913043760	8337132500	8816038680	8879579800	8329950928
Tetrachloro-m-xylene		9154374770	9319706587	9763537060	9884300480	9250244600	9474432699
Aroclor-1254-1	(1)	480630669	491242291	514290722	548494120	543375540	515606668
Aroclor-1254-2	(2)	417535343	429223996	451482582	481224324	472406420	450374533
Aroclor-1254-3	(3)	684838056	697322969	725628940	760808456	711178620	715955408
Aroclor-1254-4	(4)	417970360	409808872	428749386	461366848	376062040	418791501
Aroclor-1254-5	(5)	597298518	608943563	631623464	663830224	617819000	623902954
Decachlorobiphenyl		7967092830	8125756000	8528343640	8986366600	8782372000	8477986214
Tetrachloro-m-xylene		9511051460	9602004080	9843620680	9994457760	8495604200	9489347636
Aroclor-1268-1	(1)	1298860853	1294002563	1318124330	1365675636	1344427900	1324218256

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1196326079	1189492827	1207881780	1246550744	1205280700	1209106426	2
Aroclor-1268-3	(3)	1000400149	998939115	1012813102	1049647308	1029090160	1018177967	2
Aroclor-1268-4	(4)	407507962	408969772	420298422	442140308	445377360	424858765	4
Aroclor-1268-5	(5)	3060378797	3013397139	3036609122	3075360324	2912511720	3019651420	2
Decachlorobiphenyl		14147642890	14125651173	14472115980	15180190720	15441285400	14673377233	4
Tetrachloro-m-xylene		9652630020	9799388160	9953085600	10360200640	9708060200	9894672924	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Instrument ID: ECD_O

Calibration Date(s): 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

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

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	144422659	148428763	152032096	167484860	168484300	7
Aroclor-1016-2	(2)	205202725	208508729	213432994	229519564	225505040	5
Aroclor-1016-3	(3)	112302196	115067393	117212622	128579748	124094120	6
Aroclor-1016-4	(4)	94709981	98717735	101165102	112923876	112836120	8
Aroclor-1016-5	(5)	124417087	127943616	132644098	146345704	149917060	8
Aroclor-1260-1	(1)	217936136	223782013	232739904	251644640	258495520	7
Aroclor-1260-2	(2)	255563339	259366392	268832038	291215424	300878620	7
Aroclor-1260-3	(3)	239301078	242165468	249897958	270279452	273707020	6
Aroclor-1260-4	(4)	193987222	196916529	202218624	218214048	219624820	6
Aroclor-1260-5	(5)	436097628	435546231	443785112	464386884	459099080	3
Decachlorobiphenyl		2971514290	3027039307	3156019460	3385128400	3381593200	6
Tetrachloro-m-xylene		5186272490	5246400280	5221242400	5478386840	5038748400	3
Aroclor-1242-1	(1)	120966720	124746516	133128702	141428800	141463920	7
Aroclor-1242-2	(2)	169605960	173512545	183266616	192017376	189176180	5
Aroclor-1242-3	(3)	93390359	96634075	102245092	107691940	99411220	5
Aroclor-1242-4	(4)	96389066	101019272	107789002	115338428	114056640	8
Aroclor-1242-5	(5)	113196636	117716005	125239314	135801980	136573300	8
Decachlorobiphenyl		2727823240	2861750760	3019178360	3243379080	3243962600	8
Tetrachloro-m-xylene		5001213420	5078322907	5254229320	5289448280	4851665000	4
Aroclor-1248-1	(1)	91256927	94139561	100767396	107614600	108857060	8
Aroclor-1248-2	(2)	130560541	136645137	146421094	157143508	156628300	8
Aroclor-1248-3	(3)	139283148	144897643	155701690	166430352	168727860	8
Aroclor-1248-4	(4)	163903044	169411200	180364434	193711724	196594760	8
Aroclor-1248-5	(5)	154356880	158447996	169575560	183331920	195308840	10
Decachlorobiphenyl		2790488700	2873613467	3038569420	3241156720	3294897400	7
Tetrachloro-m-xylene		4955293160	5040468413	5221131320	5264696400	4750589600	4
Aroclor-1254-1	(1)	243640751	248872624	260914738	280861344	273402140	6
Aroclor-1254-2	(2)	212545511	218679507	230680254	249214456	261687520	9
Aroclor-1254-3	(3)	339799719	346366689	360950750	378906048	357499640	4
Aroclor-1254-4	(4)	192329190	189854227	199746634	214807996	168878980	9
Aroclor-1254-5	(5)	278490681	283928981	296376396	314100456	310764660	5
Decachlorobiphenyl		2841760820	2921691133	3072525860	3310057280	3280037800	7
Tetrachloro-m-xylene		5117525260	5147853200	5214583540	5337931960	4481650800	7
Aroclor-1268-1	(1)	554131487	553810328	564174560	591076320	593868340	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	512614105	511079256	520949472	543420336	536655740	524943782	3
Aroclor-1268-3	(3)	413643589	412567932	420525622	442592008	450889440	428043718	4
Aroclor-1268-4	(4)	153729603	155030577	163078820	169661456	165174880	161335067	4
Aroclor-1268-5	(5)	1087226853	1077982207	1085826158	1121186428	1093500600	1093144449	2
Decachlorobiphenyl		4950835750	4972853373	5123922200	5430816080	5582978400	5212281161	5
Tetrachloro-m-xylene		5266816140	5271127760	5328349480	5507659840	5128975000	5300585644	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	131879000
		2	4.00	3.90	4.10	98701000
		3	4.07	3.97	4.17	269838000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	208928000
		2	4.57	4.47	4.67	116083000
		3	4.81	4.71	4.91	201936000
		4	4.99	4.89	5.09	111220000
		5	5.03	4.93	5.13	81668600
Aroclor-1262	500	1	6.85	6.75	6.95	665842000
		2	7.35	7.25	7.45	1129720000
		3	7.63	7.53	7.73	448264000
		4	7.70	7.60	7.80	829210000
		5	8.19	8.09	8.29	373330000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	68502400
		2	3.99	3.89	4.09	51339800
		3	4.07	3.97	4.17	145428000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	111462000
		2	4.80	4.70	4.90	103317000
		3	4.97	4.87	5.07	56771800
		4	5.06	4.96	5.16	54894600
		5	5.23	5.13	5.33	58805000
Aroclor-1262	500	1	6.81	6.71	6.91	317212000
		2	7.31	7.21	7.41	498620000
		3	7.60	7.50	7.70	196255000
		4	7.66	7.56	7.76	354890000
		5	8.15	8.05	8.25	143138000

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
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

A
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G

RETENTION TIMES OF INITIAL CALIBRATION

Contract: TETR16
Lab Code: CHEM **Case No.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
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.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
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.:** Q1572 **SAS No.:** Q1572 **SDG NO.:** Q1572
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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 14:49 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.01
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.74	8.76	8.66	8.86	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 14:49 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.01
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PO109890.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.786	4.691	4.891	508.050	500.000	1.6
Aroclor-1016-2	4.805	4.711	4.911	517.850	500.000	3.6
Aroclor-1016-3	4.862	4.767	4.967	514.830	500.000	3.0
Aroclor-1016-4	4.982	4.888	5.088	514.530	500.000	2.9
Aroclor-1016-5	5.240	5.145	5.345	562.950	500.000	12.6
Aroclor-1260-1	6.280	6.188	6.388	481.900	500.000	-3.6
Aroclor-1260-2	6.469	6.377	6.577	471.940	500.000	-5.6
Aroclor-1260-3	6.837	6.746	6.946	469.390	500.000	-6.1
Aroclor-1260-4	7.097	7.005	7.205	468.700	500.000	-6.3
Aroclor-1260-5	7.339	7.247	7.447	459.080	500.000	-8.2
Decachlorobiphenyl	8.744	8.657	8.857	40.060	50.000	-19.9
Tetrachloro-m-xylene	3.694	3.598	3.798	49.190	50.000	-1.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PO109890.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.772	4.678	4.878	544.710	500.000	8.9
Aroclor-1016-2	4.792	4.697	4.897	550.290	500.000	10.1
Aroclor-1016-3	4.967	4.872	5.072	547.520	500.000	9.5
Aroclor-1016-4	5.009	4.914	5.114	451.940	500.000	-9.6
Aroclor-1016-5	5.222	5.127	5.327	597.560	500.000	19.5
Aroclor-1260-1	6.254	6.161	6.361	512.390	500.000	2.5
Aroclor-1260-2	6.441	6.348	6.548	507.480	500.000	1.5
Aroclor-1260-3	6.595	6.502	6.702	488.590	500.000	-2.3
Aroclor-1260-4	7.066	6.974	7.174	475.030	500.000	-5.0
Aroclor-1260-5	7.306	7.214	7.414	480.380	500.000	-3.9
Decachlorobiphenyl	8.695	8.607	8.807	39.610	50.000	-20.8
Tetrachloro-m-xylene	3.691	3.594	3.794	51.910	50.000	3.8

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 21:22 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.01
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.74	8.76	8.66	8.86	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 21:22 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PO109904.D Time Analyzed: 21:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.786	4.691	4.891	535.740	500.000	7.1
Aroclor-1016-2	4.805	4.711	4.911	547.300	500.000	9.5
Aroclor-1016-3	4.861	4.767	4.967	537.930	500.000	7.6
Aroclor-1016-4	4.982	4.888	5.088	536.100	500.000	7.2
Aroclor-1016-5	5.239	5.145	5.345	524.580	500.000	4.9
Aroclor-1260-1	6.279	6.188	6.388	509.750	500.000	2.0
Aroclor-1260-2	6.468	6.377	6.577	495.260	500.000	-0.9
Aroclor-1260-3	6.836	6.746	6.946	469.260	500.000	-6.1
Aroclor-1260-4	7.096	7.005	7.205	457.140	500.000	-8.6
Aroclor-1260-5	7.338	7.247	7.447	454.720	500.000	-9.1
Decachlorobiphenyl	8.743	8.657	8.857	39.340	50.000	-21.3
Tetrachloro-m-xylene	3.694	3.598	3.798	50.970	50.000	1.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PO109904.D Time Analyzed: 21:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.772	4.678	4.878	559.670	500.000	11.9
Aroclor-1016-2	4.792	4.697	4.897	576.210	500.000	15.2
Aroclor-1016-3	4.967	4.872	5.072	566.880	500.000	13.4
Aroclor-1016-4	5.009	4.914	5.114	533.730	500.000	6.7
Aroclor-1016-5	5.222	5.127	5.327	553.280	500.000	10.7
Aroclor-1260-1	6.254	6.161	6.361	510.600	500.000	2.1
Aroclor-1260-2	6.442	6.348	6.548	513.060	500.000	2.6
Aroclor-1260-3	6.594	6.502	6.702	501.050	500.000	0.2
Aroclor-1260-4	7.065	6.974	7.174	485.160	500.000	-3.0
Aroclor-1260-5	7.306	7.214	7.414	495.830	500.000	-0.8
Decachlorobiphenyl	8.696	8.607	8.807	41.110	50.000	-17.8
Tetrachloro-m-xylene	3.690	3.594	3.794	51.780	50.000	3.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 09:13 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 09:13 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.01
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109923.D Time Analyzed: 09:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.787	4.691	4.891	520.420	500.000	4.1
Aroclor-1016-2	4.806	4.711	4.911	532.150	500.000	6.4
Aroclor-1016-3	4.862	4.767	4.967	529.790	500.000	6.0
Aroclor-1016-4	4.983	4.888	5.088	529.650	500.000	5.9
Aroclor-1016-5	5.241	5.145	5.345	513.580	500.000	2.7
Aroclor-1260-1	6.281	6.188	6.388	491.640	500.000	-1.7
Aroclor-1260-2	6.470	6.377	6.577	488.670	500.000	-2.3
Aroclor-1260-3	6.838	6.746	6.946	474.600	500.000	-5.1
Aroclor-1260-4	7.098	7.005	7.205	472.840	500.000	-5.4
Aroclor-1260-5	7.340	7.247	7.447	469.530	500.000	-6.1
Decachlorobiphenyl	8.745	8.657	8.857	40.020	50.000	-20.0
Tetrachloro-m-xylene	3.694	3.598	3.798	52.550	50.000	5.1

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109923.D Time Analyzed: 09:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.772	4.678	4.878	539.290	500.000	7.9
Aroclor-1016-2	4.792	4.697	4.897	554.740	500.000	10.9
Aroclor-1016-3	4.967	4.872	5.072	548.600	500.000	9.7
Aroclor-1016-4	5.009	4.914	5.114	529.410	500.000	5.9
Aroclor-1016-5	5.222	5.127	5.327	523.530	500.000	4.7
Aroclor-1260-1	6.254	6.161	6.361	502.590	500.000	0.5
Aroclor-1260-2	6.442	6.348	6.548	501.730	500.000	0.3
Aroclor-1260-3	6.595	6.502	6.702	496.860	500.000	-0.6
Aroclor-1260-4	7.066	6.974	7.174	484.000	500.000	-3.2
Aroclor-1260-5	7.307	7.214	7.414	488.740	500.000	-2.3
Decachlorobiphenyl	8.696	8.607	8.807	39.180	50.000	-21.6
Tetrachloro-m-xylene	3.691	3.594	3.794	52.290	50.000	4.6

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:28 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/17/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:28 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL04 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PO109935.D Time Analyzed: 16:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.787	4.691	4.891	495.420	500.000	-0.9
Aroclor-1016-2	4.806	4.711	4.911	497.010	500.000	-0.6
Aroclor-1016-3	4.862	4.767	4.967	497.830	500.000	-0.4
Aroclor-1016-4	4.983	4.888	5.088	499.000	500.000	-0.2
Aroclor-1016-5	5.240	5.145	5.345	500.320	500.000	0.1
Aroclor-1260-1	6.282	6.188	6.388	468.480	500.000	-6.3
Aroclor-1260-2	6.470	6.377	6.577	466.430	500.000	-6.7
Aroclor-1260-3	6.839	6.746	6.946	449.630	500.000	-10.1
Aroclor-1260-4	7.099	7.005	7.205	446.990	500.000	-10.6
Aroclor-1260-5	7.340	7.247	7.447	446.440	500.000	-10.7
Decachlorobiphenyl	8.747	8.657	8.857	53.600	50.000	7.2
Tetrachloro-m-xylene	3.694	3.598	3.798	47.390	50.000	-5.2

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL04 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PO109935.D Time Analyzed: 16:28

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.773	4.678	4.878	506.990	500.000	1.4
Aroclor-1016-2	4.792	4.697	4.897	518.690	500.000	3.7
Aroclor-1016-3	4.968	4.872	5.072	517.250	500.000	3.5
Aroclor-1016-4	5.010	4.914	5.114	489.360	500.000	-2.1
Aroclor-1016-5	5.223	5.127	5.327	513.620	500.000	2.7
Aroclor-1260-1	6.255	6.161	6.361	474.040	500.000	-5.2
Aroclor-1260-2	6.442	6.348	6.548	476.300	500.000	-4.7
Aroclor-1260-3	6.596	6.502	6.702	469.320	500.000	-6.1
Aroclor-1260-4	7.067	6.974	7.174	450.460	500.000	-9.9
Aroclor-1260-5	7.308	7.214	7.414	446.130	500.000	-10.8
Decachlorobiphenyl	8.697	8.607	8.807	49.430	50.000	-1.1
Tetrachloro-m-xylene	3.692	3.594	3.794	48.820	50.000	-2.4

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:06 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.01
Aroclor-1016-2	(2)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 08:06 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.01
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109963.D Time Analyzed: 08:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.785	4.691	4.891	523.130	500.000	4.6
Aroclor-1016-2	4.804	4.711	4.911	523.500	500.000	4.7
Aroclor-1016-3	4.860	4.767	4.967	527.350	500.000	5.5
Aroclor-1016-4	4.981	4.888	5.088	526.280	500.000	5.3
Aroclor-1016-5	5.238	5.145	5.345	574.940	500.000	15.0
Aroclor-1260-1	6.280	6.188	6.388	502.140	500.000	0.4
Aroclor-1260-2	6.469	6.377	6.577	491.200	500.000	-1.8
Aroclor-1260-3	6.837	6.746	6.946	471.160	500.000	-5.8
Aroclor-1260-4	7.096	7.005	7.205	467.620	500.000	-6.5
Aroclor-1260-5	7.339	7.247	7.447	459.320	500.000	-8.1
Decachlorobiphenyl	8.746	8.657	8.857	56.250	50.000	12.5
Tetrachloro-m-xylene	3.692	3.598	3.798	50.350	50.000	0.7

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109963.D Time Analyzed: 08:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.770	4.678	4.878	517.580	500.000	3.5
Aroclor-1016-2	4.789	4.697	4.897	534.310	500.000	6.9
Aroclor-1016-3	4.965	4.872	5.072	530.300	500.000	6.1
Aroclor-1016-4	5.007	4.914	5.114	451.310	500.000	-9.7
Aroclor-1016-5	5.220	5.127	5.327	569.280	500.000	13.9
Aroclor-1260-1	6.252	6.161	6.361	496.540	500.000	-0.7
Aroclor-1260-2	6.440	6.348	6.548	496.670	500.000	-0.7
Aroclor-1260-3	6.593	6.502	6.702	478.930	500.000	-4.2
Aroclor-1260-4	7.065	6.974	7.174	459.430	500.000	-8.1
Aroclor-1260-5	7.305	7.214	7.414	456.320	500.000	-8.7
Decachlorobiphenyl	8.695	8.607	8.807	47.180	50.000	-5.6
Tetrachloro-m-xylene	3.689	3.594	3.794	49.850	50.000	-0.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 09:55 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.01
Aroclor-1016-3	(3)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.69	3.70	3.60	3.80	0.01
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/18/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 09:55 Initial Calibration Time(s): 16:46 01:02

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-2	(2)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.22	5.23	5.13	5.33	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.70	8.71	8.61	8.81	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109967.D Time Analyzed: 09:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.786	4.691	4.891	514.140	500.000	2.8
Aroclor-1016-2	4.805	4.711	4.911	521.930	500.000	4.4
Aroclor-1016-3	4.861	4.767	4.967	520.270	500.000	4.1
Aroclor-1016-4	4.982	4.888	5.088	520.030	500.000	4.0
Aroclor-1016-5	5.238	5.145	5.345	485.360	500.000	-2.9
Aroclor-1260-1	6.280	6.188	6.388	504.730	500.000	0.9
Aroclor-1260-2	6.469	6.377	6.577	490.500	500.000	-1.9
Aroclor-1260-3	6.837	6.746	6.946	467.590	500.000	-6.5
Aroclor-1260-4	7.098	7.005	7.205	462.440	500.000	-7.5
Aroclor-1260-5	7.339	7.247	7.447	451.050	500.000	-9.8
Decachlorobiphenyl	8.745	8.657	8.857	55.270	50.000	10.5
Tetrachloro-m-xylene	3.694	3.598	3.798	49.050	50.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

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

Lab Sample No.: AR1660CCC500 Data File : PO109967.D Time Analyzed: 09:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.772	4.678	4.878	512.570	500.000	2.5
Aroclor-1016-2	4.791	4.697	4.897	521.810	500.000	4.4
Aroclor-1016-3	4.967	4.872	5.072	520.010	500.000	4.0
Aroclor-1016-4	5.009	4.914	5.114	434.900	500.000	-13.0
Aroclor-1016-5	5.221	5.127	5.327	497.400	500.000	-0.5
Aroclor-1260-1	6.253	6.161	6.361	495.220	500.000	-1.0
Aroclor-1260-2	6.441	6.348	6.548	496.330	500.000	-0.7
Aroclor-1260-3	6.594	6.502	6.702	477.760	500.000	-4.4
Aroclor-1260-4	7.065	6.974	7.174	460.820	500.000	-7.8
Aroclor-1260-5	7.307	7.214	7.414	459.540	500.000	-8.1
Decachlorobiphenyl	8.696	8.607	8.807	50.290	50.000	0.6
Tetrachloro-m-xylene	3.691	3.594	3.794	49.100	50.000	-1.8

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 21:15 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)	8.11	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		4.53	4.52	4.42	4.62	-0.01
Decachlorobiphenyl		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/14/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 21:15 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL07 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PP070543.D Time Analyzed: 21:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.577	5.777	443.660	500.000	-11.3
Aroclor-1016-2	5.698	5.599	5.799	480.930	500.000	-3.8
Aroclor-1016-3	5.760	5.661	5.861	466.910	500.000	-6.6
Aroclor-1016-4	5.858	5.758	5.958	456.460	500.000	-8.7
Aroclor-1016-5	6.150	6.051	6.251	453.110	500.000	-9.4
Aroclor-1260-1	7.269	7.171	7.371	470.290	500.000	-5.9
Aroclor-1260-2	7.523	7.425	7.625	461.520	500.000	-7.7
Aroclor-1260-3	7.881	7.783	7.983	466.760	500.000	-6.6
Aroclor-1260-4	8.105	8.008	8.208	454.640	500.000	-9.1
Aroclor-1260-5	8.425	8.328	8.528	467.430	500.000	-6.5
Decachlorobiphenyl	10.243	10.152	10.352	46.560	50.000	-6.9
Tetrachloro-m-xylene	4.525	4.424	4.624	46.830	50.000	-6.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL07 Date Analyzed: 03/14/2025

Lab Sample No.: AR1660CCC500 Data File : PP070543.D Time Analyzed: 21:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.912	4.817	5.017	467.760	500.000	-6.4
Aroclor-1016-2	4.932	4.836	5.036	453.880	500.000	-9.2
Aroclor-1016-3	5.108	5.013	5.213	459.150	500.000	-8.2
Aroclor-1016-4	5.150	5.054	5.254	462.340	500.000	-7.5
Aroclor-1016-5	5.365	5.270	5.470	472.460	500.000	-5.5
Aroclor-1260-1	6.401	6.307	6.507	458.750	500.000	-8.3
Aroclor-1260-2	6.589	6.495	6.695	458.120	500.000	-8.4
Aroclor-1260-3	6.743	6.649	6.849	450.000	500.000	-10.0
Aroclor-1260-4	7.215	7.121	7.321	441.280	500.000	-11.7
Aroclor-1260-5	7.456	7.362	7.562	440.290	500.000	-11.9
Decachlorobiphenyl	8.871	8.781	8.981	41.930	50.000	-16.1
Tetrachloro-m-xylene	3.826	3.729	3.929	48.070	50.000	-3.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 01:51 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)	8.42	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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 01:51 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL08 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070558.D Time Analyzed: 01:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.675	5.577	5.777	457.150	500.000	-8.6
Aroclor-1016-2	5.697	5.599	5.799	495.200	500.000	-1.0
Aroclor-1016-3	5.759	5.661	5.861	478.090	500.000	-4.4
Aroclor-1016-4	5.856	5.758	5.958	468.080	500.000	-6.4
Aroclor-1016-5	6.149	6.051	6.251	469.590	500.000	-6.1
Aroclor-1260-1	7.267	7.171	7.371	498.380	500.000	-0.3
Aroclor-1260-2	7.520	7.425	7.625	477.820	500.000	-4.4
Aroclor-1260-3	7.879	7.783	7.983	476.270	500.000	-4.7
Aroclor-1260-4	8.103	8.008	8.208	464.610	500.000	-7.1
Aroclor-1260-5	8.423	8.328	8.528	479.710	500.000	-4.1
Decachlorobiphenyl	10.241	10.152	10.352	47.630	50.000	-4.7
Tetrachloro-m-xylene	4.524	4.424	4.624	48.060	50.000	-3.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL08 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070558.D Time Analyzed: 01:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.912	4.817	5.017	500.790	500.000	0.2
Aroclor-1016-2	4.930	4.836	5.036	484.340	500.000	-3.1
Aroclor-1016-3	5.108	5.013	5.213	493.000	500.000	-1.4
Aroclor-1016-4	5.149	5.054	5.254	494.170	500.000	-1.2
Aroclor-1016-5	5.364	5.270	5.470	521.050	500.000	4.2
Aroclor-1260-1	6.400	6.307	6.507	477.160	500.000	-4.6
Aroclor-1260-2	6.588	6.495	6.695	473.000	500.000	-5.4
Aroclor-1260-3	6.742	6.649	6.849	465.110	500.000	-7.0
Aroclor-1260-4	7.213	7.121	7.321	453.670	500.000	-9.3
Aroclor-1260-5	7.454	7.362	7.562	455.190	500.000	-9.0
Decachlorobiphenyl	8.871	8.781	8.981	46.060	50.000	-7.9
Tetrachloro-m-xylene	3.826	3.729	3.929	48.770	50.000	-2.5

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 05:06 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		10.24	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

Continuing Calib Date: 03/15/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 05:06 Initial Calibration Time(s): 15:13 23:38

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL09 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070568.D Time Analyzed: 05:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.673	5.577	5.777	464.850	500.000	-7.0
Aroclor-1016-2	5.695	5.599	5.799	501.140	500.000	0.2
Aroclor-1016-3	5.757	5.661	5.861	487.390	500.000	-2.5
Aroclor-1016-4	5.855	5.758	5.958	483.220	500.000	-3.4
Aroclor-1016-5	6.147	6.051	6.251	479.270	500.000	-4.1
Aroclor-1260-1	7.266	7.171	7.371	508.310	500.000	1.7
Aroclor-1260-2	7.519	7.425	7.625	490.450	500.000	-1.9
Aroclor-1260-3	7.878	7.783	7.983	488.320	500.000	-2.3
Aroclor-1260-4	8.102	8.008	8.208	471.720	500.000	-5.7
Aroclor-1260-5	8.422	8.328	8.528	487.240	500.000	-2.6
Decachlorobiphenyl	10.239	10.152	10.352	48.570	50.000	-2.9
Tetrachloro-m-xylene	4.522	4.424	4.624	48.550	50.000	-2.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL09 Date Analyzed: 03/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP070568.D Time Analyzed: 05:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.912	4.817	5.017	511.620	500.000	2.3
Aroclor-1016-2	4.930	4.836	5.036	488.190	500.000	-2.4
Aroclor-1016-3	5.107	5.013	5.213	502.650	500.000	0.5
Aroclor-1016-4	5.149	5.054	5.254	495.770	500.000	-0.8
Aroclor-1016-5	5.364	5.270	5.470	540.650	500.000	8.1
Aroclor-1260-1	6.400	6.307	6.507	493.180	500.000	-1.4
Aroclor-1260-2	6.587	6.495	6.695	483.690	500.000	-3.3
Aroclor-1260-3	6.741	6.649	6.849	471.010	500.000	-5.8
Aroclor-1260-4	7.213	7.121	7.321	458.170	500.000	-8.4
Aroclor-1260-5	7.454	7.362	7.562	453.230	500.000	-9.4
Decachlorobiphenyl	8.869	8.781	8.981	46.240	50.000	-7.5
Tetrachloro-m-xylene	3.826	3.729	3.929	49.820	50.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Continuing Calib Time: 09:08 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)	8.11	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		10.25	10.25	10.15	10.35	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Continuing Calib Time: 09:08 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL10 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070574.D Time Analyzed: 09:08

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.577	5.777	467.050	500.000	-6.6
Aroclor-1016-2	5.697	5.599	5.799	503.160	500.000	0.6
Aroclor-1016-3	5.759	5.661	5.861	487.760	500.000	-2.4
Aroclor-1016-4	5.857	5.758	5.958	471.550	500.000	-5.7
Aroclor-1016-5	6.150	6.051	6.251	491.600	500.000	-1.7
Aroclor-1260-1	7.268	7.171	7.371	499.390	500.000	-0.1
Aroclor-1260-2	7.522	7.425	7.625	498.690	500.000	-0.3
Aroclor-1260-3	7.881	7.783	7.983	504.590	500.000	0.9
Aroclor-1260-4	8.105	8.008	8.208	489.180	500.000	-2.2
Aroclor-1260-5	8.425	8.328	8.528	502.500	500.000	0.5
Decachlorobiphenyl	10.245	10.152	10.352	50.640	50.000	1.3
Tetrachloro-m-xylene	4.524	4.424	4.624	49.130	50.000	-1.7

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL10 Date Analyzed: 03/17/2025

Lab Sample No.: AR1660CCC500 Data File : PP070574.D Time Analyzed: 09:08

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.913	4.817	5.017	511.980	500.000	2.4
Aroclor-1016-2	4.932	4.836	5.036	496.640	500.000	-0.7
Aroclor-1016-3	5.109	5.013	5.213	504.730	500.000	0.9
Aroclor-1016-4	5.150	5.054	5.254	515.160	500.000	3.0
Aroclor-1016-5	5.365	5.270	5.470	500.200	500.000	0.0
Aroclor-1260-1	6.402	6.307	6.507	495.840	500.000	-0.8
Aroclor-1260-2	6.590	6.495	6.695	490.030	500.000	-2.0
Aroclor-1260-3	6.744	6.649	6.849	484.360	500.000	-3.1
Aroclor-1260-4	7.216	7.121	7.321	470.310	500.000	-5.9
Aroclor-1260-5	7.457	7.362	7.562	472.850	500.000	-5.4
Decachlorobiphenyl	8.873	8.781	8.981	46.620	50.000	-6.8
Tetrachloro-m-xylene	3.826	3.729	3.929	51.220	50.000	2.4

CALIBRATION VERIFICATION SUMMARY

Contract: TETR16

Lab Code: CHEM Case No.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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 FROM TO		DIFF RT
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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL11 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL11 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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		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)	8.11	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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL12 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL12 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL13 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL13 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL14 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.: Q1572 SAS No.: Q1572 SDG NO.: Q1572

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

Client Sample No.: CCAL14 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.: Q1572	
Project: R36884 - PCB	Instrument ID: ECD_O	
GC Column: ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 02/20/2025 02/20/2025

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	02/20/2025	16:28	PO109425.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.76	3.70
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.76	3.70
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.76	3.70
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.76	3.70
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.76	3.70
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.76	3.70
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.76	3.70
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.76	3.70
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.76	3.70
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.76	3.70
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.76	3.70
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.76	3.70
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.76	3.70
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.76	3.70
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.75	3.70
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.75	3.70
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.76	3.70
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.76	3.70
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.76	3.70
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.76	3.70
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.75	3.70
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.76	3.70
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.76	3.70
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.75	3.70
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.76	3.70
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/14/2025	14:49	PO109890.D	8.74	3.69
1.BLK	1.BLK	03/14/2025	16:25	PO109894.D	8.74	3.69
C0022	Q1572-10	03/14/2025	17:02	PO109896.D	8.77	3.69
C0023	Q1572-11	03/14/2025	17:21	PO109897.D	8.74	3.69
C0024	Q1572-12	03/14/2025	17:39	PO109898.D	8.76	3.69
C0025	Q1572-13	03/14/2025	17:57	PO109899.D	8.74	3.69
C0026	Q1572-14	03/14/2025	18:16	PO109900.D	8.74	3.69
C0027	Q1572-15	03/14/2025	18:34	PO109901.D	8.74	3.69
C0028	Q1572-16	03/14/2025	18:52	PO109902.D	8.74	3.69
AR1660CCC500	AR1660CCC500	03/14/2025	21:22	PO109904.D	8.74	3.69
1.BLK	1.BLK	03/14/2025	23:12	PO109908.D	8.74	3.69
AR1660CCC500	AR1660CCC500	03/17/2025	09:13	PO109923.D	8.75	3.69
1.BLK	1.BLK	03/17/2025	10:26	PO109927.D	8.75	3.69

Analytical Sequence

C0022DL	Q1572-10DL	03/17/2025	13:08	PO109931.D	0.00	0.00
C0023DL	Q1572-11DL	03/17/2025	13:27	PO109932.D	8.75	3.69
C0024DL	Q1572-12DL	03/17/2025	13:45	PO109933.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	16:28	PO109935.D	8.75	3.69
I.BLK	I.BLK	03/17/2025	17:42	PO109939.D	8.75	3.69
AR1660CCC500	AR1660CCC500	03/18/2025	08:06	PO109963.D	8.75	3.69
I.BLK	I.BLK	03/18/2025	09:00	PO109965.D	8.74	3.69
C0024DL2	Q1572-12DL2	03/18/2025	09:19	PO109966.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/18/2025	09:55	PO109967.D	8.75	3.69
I.BLK	I.BLK	03/18/2025	10:32	PO109969.D	8.74	3.69
I.BLK	I.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	03/14/2025	21:15	PP070543.D	10.24	4.53
I.BLK	I.BLK	03/14/2025	22:20	PP070547.D	10.24	4.52
PB167143BL	PB167143BL	03/14/2025	22:36	PP070548.D	10.24	4.52
PB167143BS	PB167143BS	03/14/2025	22:52	PP070549.D	10.24	4.52
C0AC9	Q1572-01	03/14/2025	23:41	PP070552.D	10.24	4.52
C0014	Q1572-02	03/14/2025	23:57	PP070553.D	10.24	4.52
C0015	Q1572-03	03/15/2025	00:14	PP070554.D	10.24	4.52
C0016	Q1572-04	03/15/2025	00:30	PP070555.D	10.24	4.52
C0017	Q1572-05	03/15/2025	00:46	PP070556.D	10.24	4.52

Analytical Sequence

C0019	Q1572-07	03/15/2025	01:02	PP070557.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/15/2025	01:51	PP070558.D	10.24	4.52
I.BLK	I.BLK	03/15/2025	02:56	PP070562.D	10.24	4.52
C0018	Q1572-06	03/15/2025	03:12	PP070563.D	10.24	4.52
C0018MS	Q1572-06MS	03/15/2025	03:29	PP070564.D	10.24	4.52
C0018MSD	Q1572-06MSD	03/15/2025	03:45	PP070565.D	10.24	4.52
C0020	Q1572-08	03/15/2025	04:01	PP070566.D	10.24	4.52
C0021	Q1572-09	03/15/2025	04:17	PP070567.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/15/2025	05:06	PP070568.D	10.24	4.52
I.BLK	I.BLK	03/15/2025	06:11	PP070572.D	10.24	4.52
AR1660CCC500	AR1660CCC500	03/17/2025	09:08	PP070574.D	10.25	4.52
I.BLK	I.BLK	03/17/2025	10:13	PP070578.D	10.25	4.52
C0AC9DL	Q1572-01DL	03/17/2025	10:30	PP070579.D	10.25	4.52
C0AC9DL2	Q1572-01DL2	03/17/2025	10:46	PP070580.D	0.00	0.00
C0014DL	Q1572-02DL	03/17/2025	11:02	PP070581.D	10.24	4.52
C0014DL2	Q1572-02DL2	03/17/2025	11:18	PP070582.D	0.00	0.00
C0015DL	Q1572-03DL	03/17/2025	11:35	PP070583.D	10.25	4.52
C0015DL2	Q1572-03DL2	03/17/2025	11:51	PP070584.D	10.24	4.53
C0016DL	Q1572-04DL	03/17/2025	12:07	PP070585.D	10.25	4.53
C0016DL2	Q1572-04DL2	03/17/2025	12:23	PP070586.D	0.00	0.00
C0017DL	Q1572-05DL	03/17/2025	12:40	PP070587.D	10.25	4.53
C0017DL2	Q1572-05DL2	03/17/2025	12:56	PP070588.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	14:00	PP070589.D	10.25	4.52
I.BLK	I.BLK	03/17/2025	15:05	PP070593.D	10.24	4.52
C0019DL	Q1572-07DL	03/17/2025	15:54	PP070596.D	10.25	4.52
C0018DL	Q1572-06DL	03/17/2025	16:10	PP070597.D	10.24	4.52
C0020DL	Q1572-08DL	03/17/2025	16:43	PP070599.D	10.24	4.52
C0021DL	Q1572-09DL	03/17/2025	16:59	PP070600.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	18:37	PP070604.D	10.24	4.52
I.BLK	I.BLK	03/17/2025	19:42	PP070608.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
C0018DL2	Q1572-06DL2	03/18/2025	10:31	PP070646.D	0.00	0.00
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

A

B

C

D

E

F

G

Analytical Sequence

Client: Tetra Tech, EMI	SDG No.: Q1572	
Project: R36884 - PCB	Instrument ID: ECD_O	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 02/20/2025 02/20/2025

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 #
IBLK	IBLK	02/20/2025	16:28	PO109425.D	8.71	3.69
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.71	3.69
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.71	3.69
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.71	3.69
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.71	3.69
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.71	3.69
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.71	3.69
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.71	3.69
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.71	3.69
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.71	3.69
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.71	3.69
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.71	3.69
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.71	3.69
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.71	3.69
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.71	3.69
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.71	3.69
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.71	3.69
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.71	3.69
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.71	3.69
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.71	3.69
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.71	3.69
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.71	3.69
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.71	3.69
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.71	3.69
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.71	3.69
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.71	3.69
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.71	3.69
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.71	3.69
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/14/2025	14:49	PO109890.D	8.70	3.69
IBLK	IBLK	03/14/2025	16:25	PO109894.D	8.70	3.69
C0022	Q1572-10	03/14/2025	17:02	PO109896.D	8.72	3.69
C0023	Q1572-11	03/14/2025	17:21	PO109897.D	8.70	3.69
C0024	Q1572-12	03/14/2025	17:39	PO109898.D	8.71	3.69
C0025	Q1572-13	03/14/2025	17:57	PO109899.D	8.70	3.69
C0026	Q1572-14	03/14/2025	18:16	PO109900.D	8.70	3.69
C0027	Q1572-15	03/14/2025	18:34	PO109901.D	8.70	3.69
C0028	Q1572-16	03/14/2025	18:52	PO109902.D	8.69	3.69
AR1660CCC500	AR1660CCC500	03/14/2025	21:22	PO109904.D	8.70	3.69
IBLK	IBLK	03/14/2025	23:12	PO109908.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/17/2025	09:13	PO109923.D	8.70	3.69
IBLK	IBLK	03/17/2025	10:26	PO109927.D	8.70	3.69

Analytical Sequence

C0022DL	Q1572-10DL	03/17/2025	13:08	PO109931.D	0.00	0.00
C0023DL	Q1572-11DL	03/17/2025	13:27	PO109932.D	8.70	3.69
C0024DL	Q1572-12DL	03/17/2025	13:45	PO109933.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	16:28	PO109935.D	8.70	3.69
I.BLK	I.BLK	03/17/2025	17:42	PO109939.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/18/2025	08:06	PO109963.D	8.70	3.69
I.BLK	I.BLK	03/18/2025	09:00	PO109965.D	8.69	3.69
C0024DL2	Q1572-12DL2	03/18/2025	09:19	PO109966.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/18/2025	09:55	PO109967.D	8.70	3.69
I.BLK	I.BLK	03/18/2025	10:32	PO109969.D	8.70	3.69
I.BLK	I.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	03/14/2025	21:15	PP070543.D	8.87	3.83
I.BLK	I.BLK	03/14/2025	22:20	PP070547.D	8.87	3.83
PB167143BL	PB167143BL	03/14/2025	22:36	PP070548.D	8.87	3.83
PB167143BS	PB167143BS	03/14/2025	22:52	PP070549.D	8.87	3.83
C0AC9	Q1572-01	03/14/2025	23:41	PP070552.D	8.86	3.83
C0014	Q1572-02	03/14/2025	23:57	PP070553.D	8.87	3.83
C0015	Q1572-03	03/15/2025	00:14	PP070554.D	8.87	3.83
C0016	Q1572-04	03/15/2025	00:30	PP070555.D	8.86	3.83
C0017	Q1572-05	03/15/2025	00:46	PP070556.D	8.86	3.83

Analytical Sequence

C0019	Q1572-07	03/15/2025	01:02	PP070557.D	8.87	3.83
AR1660CCC500	AR1660CCC500	03/15/2025	01:51	PP070558.D	8.87	3.83
I.BLK	I.BLK	03/15/2025	02:56	PP070562.D	8.87	3.83
C0018	Q1572-06	03/15/2025	03:12	PP070563.D	8.87	3.83
C0018MS	Q1572-06MS	03/15/2025	03:29	PP070564.D	8.87	3.83
C0018MSD	Q1572-06MSD	03/15/2025	03:45	PP070565.D	8.87	3.83
C0020	Q1572-08	03/15/2025	04:01	PP070566.D	8.87	3.83
C0021	Q1572-09	03/15/2025	04:17	PP070567.D	8.87	3.83
AR1660CCC500	AR1660CCC500	03/15/2025	05:06	PP070568.D	8.87	3.83
I.BLK	I.BLK	03/15/2025	06:11	PP070572.D	8.87	3.83
AR1660CCC500	AR1660CCC500	03/17/2025	09:08	PP070574.D	8.87	3.83
I.BLK	I.BLK	03/17/2025	10:13	PP070578.D	8.88	3.83
C0AC9DL	Q1572-01DL	03/17/2025	10:30	PP070579.D	8.87	3.83
C0AC9DL2	Q1572-01DL2	03/17/2025	10:46	PP070580.D	0.00	0.00
C0014DL	Q1572-02DL	03/17/2025	11:02	PP070581.D	8.87	3.83
C0014DL2	Q1572-02DL2	03/17/2025	11:18	PP070582.D	0.00	0.00
C0015DL	Q1572-03DL	03/17/2025	11:35	PP070583.D	8.87	3.83
C0015DL2	Q1572-03DL2	03/17/2025	11:51	PP070584.D	8.87	3.83
C0016DL	Q1572-04DL	03/17/2025	12:07	PP070585.D	8.87	3.83
C0016DL2	Q1572-04DL2	03/17/2025	12:23	PP070586.D	0.00	0.00
C0017DL	Q1572-05DL	03/17/2025	12:40	PP070587.D	8.87	3.83
C0017DL2	Q1572-05DL2	03/17/2025	12:56	PP070588.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	14:00	PP070589.D	8.87	3.83
I.BLK	I.BLK	03/17/2025	15:05	PP070593.D	8.87	3.83
C0019DL	Q1572-07DL	03/17/2025	15:54	PP070596.D	8.87	3.83
C0018DL	Q1572-06DL	03/17/2025	16:10	PP070597.D	8.87	3.83
C0020DL	Q1572-08DL	03/17/2025	16:43	PP070599.D	8.87	3.83
C0021DL	Q1572-09DL	03/17/2025	16:59	PP070600.D	0.00	0.00
AR1660CCC500	AR1660CCC500	03/17/2025	18:37	PP070604.D	8.87	3.82
I.BLK	I.BLK	03/17/2025	19:42	PP070608.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
C0018DL2	Q1572-06DL2	03/18/2025	10:31	PP070646.D	0.00	0.00
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:	PB167143BL		SDG No.:	Q1572	
Lab Sample ID:	PB167143BL		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
PP070548.D	1	03/14/25 12:25	03/14/25 22:36	PB167143

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	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		32 - 175	106%	SPK: 20

Comments:

U = Not Detected

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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:	02/20/25	
Project:	R36884 - PCB		Date Received:	02/20/25	
Client Sample ID:	PIBLK-PO109425.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109425.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
PO109425.D	1		02/20/25	PO022025

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	24.1		60 - 140	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		60 - 140	126%	SPK: 20

Comments:

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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

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

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Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	03/14/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	PIBLK-PO109894.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109894.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
PO109894.D	1		03/14/25	po031425

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	20.7		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		60 - 140	93%	SPK: 20

Comments:

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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

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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:	03/14/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	PIBLK-PO109908.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109908.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
PO109908.D	1		03/14/25	po031425

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	20.8		60 - 140	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 140	92%	SPK: 20

Comments:

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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-PO109927.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109927.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
PO109927.D	1		03/17/25	PO031725

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	20.0		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	86%	SPK: 20

Comments:

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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-PO109939.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109939.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
PO109939.D	1		03/17/25	PO031725

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	20.4		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 140	83%	SPK: 20

Comments:

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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-PO109965.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109965.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
PO109965.D	1		03/18/25	po031825

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	20.6		60 - 140	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.5		60 - 140	77%	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-PO109969.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PO109969.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
PO109969.D	1		03/18/25	po031825

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	20.1		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 140	82%	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.:	Q1572	
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:	03/14/25	
Project:	R36884 - PCB		Date Received:	03/14/25	
Client Sample ID:	PIBLK-PP070547.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PP070547.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
PP070547.D	1		03/14/25	pp031425

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	19.5		60 - 140	97%	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:	03/15/25	
Project:	R36884 - PCB		Date Received:	03/15/25	
Client Sample ID:	PIBLK-PP070562.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PP070562.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
PP070562.D	1		03/15/25	pp031425

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	20.1		60 - 140	100%	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:	03/15/25	
Project:	R36884 - PCB		Date Received:	03/15/25	
Client Sample ID:	PIBLK-PP070572.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PP070572.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
PP070572.D	1		03/15/25	pp031425

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	20.2		60 - 140	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	102%	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-PP070578.D		SDG No.:	Q1572	
Lab Sample ID:	I.BLK-PP070578.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
PP070578.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	19.5		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		60 - 140	102%	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.:	Q1572	
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.:	Q1572	
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-PP070642.D		SDG No.:	Q1572	
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.:	Q1572	
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:	PB167143BS		SDG No.:	Q1572	
Lab Sample ID:	PB167143BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	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
PP070549.D	1	03/14/25 12:25	03/14/25 22:52	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	152		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	145		3.20	17.0	ug/kg
Total PCBs	Total PCBs	297		7.10	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		32 - 175	109%	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:	C0018MS		SDG No.:	Q1572	
Lab Sample ID:	Q1572-06MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	76	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
PP070564.D	1	03/14/25 12:25	03/15/25 03:29	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	16000	E	5.20	22.3	ug/kg
11104-28-2	Aroclor-1221	22.3	U	5.30	22.3	ug/kg
11141-16-5	Aroclor-1232	22.3	U	4.90	22.3	ug/kg
53469-21-9	Aroclor-1242	22.3	U	5.30	22.3	ug/kg
12672-29-6	Aroclor-1248	18000	E	7.80	22.3	ug/kg
11097-69-1	Aroclor-1254	22.3	U	4.20	22.3	ug/kg
37324-23-5	Aroclor-1262	22.3	U	6.60	22.3	ug/kg
11100-14-4	Aroclor-1268	22.3	U	4.70	22.3	ug/kg
11096-82-5	Aroclor-1260	1300	E	4.20	22.3	ug/kg
Total PCBs	Total PCBs	36000	E	17.2	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	34.0		32 - 175	170%	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:	C0018MSD			SDG No.:	Q1572	
Lab Sample ID:	Q1572-06MSD			Matrix:	SOIL	
Analytical Method:	SW8082A			% Solid:	76	Decanted:
Sample Wt/Vol:	30.09	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
PP070565.D	1	03/14/25 12:25	03/15/25 03:45	PB167143

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17000	E	5.20	22.3	ug/kg
11104-28-2	Aroclor-1221	22.3	U	5.30	22.3	ug/kg
11141-16-5	Aroclor-1232	22.3	U	4.90	22.3	ug/kg
53469-21-9	Aroclor-1242	22.3	U	5.30	22.3	ug/kg
12672-29-6	Aroclor-1248	19000	E	7.80	22.3	ug/kg
11097-69-1	Aroclor-1254	22.3	U	4.20	22.3	ug/kg
37324-23-5	Aroclor-1262	22.3	U	6.60	22.3	ug/kg
11100-14-4	Aroclor-1268	22.3	U	4.70	22.3	ug/kg
11096-82-5	Aroclor-1260	1400	E	4.20	22.3	ug/kg
Total PCBs	Total PCBs	37000	E	17.2	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.2		32 - 175	166%	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

Q1572

USEPA CLP COC (LAB COPY)

DateShipped: 3/13/2025

CarrierName: FedEx

AirbillNo: 7726 7523 8653

CHAIN OF CUSTODY RECORD

DAS #: R36884

Cooler #: 2

No: 3-031225-170018-0003

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-SS-03-D	C0AC9	Soil/ START	Grab	PCB A (s)(3)	1057 (<6 C) (1)	Filter Bed #2	03/12/2025 12:00	
AWS-SS-01	C0O14	Soil/ START	Grab	PCB A (s)(3)	1000 (<6 C) (1)	Filter Bed #1	03/12/2025 09:07	
AWS-SS-02	C0O15	Soil/ START	Grab	PCB A (s)(3)	1002 (<6 C) (1)	Filter Bed #1	03/12/2025 09:22	
AWS-SS-03	C0O16	Soil/ START	Grab	PCB A (s)(3)	1003 (<6 C) (1)	Filter Bed #2	03/12/2025 09:50	
AWS-SS-04	C0O17	Soil/ START	Grab	PCB A (s)(3)	1004 (<6 C) (1)	Filter Bed #2	03/12/2025 10:10	
AWS-SS-05	C0O18	Soil/ START	Grab	PCB A (s)(3)	1005 (<6 C) (1)	Filter Bed #3A	03/12/2025 10:50	
AWS-SS-06	C0O19	Soil/ START	Grab	PCB A (s)(3)	1006 (<6 C) (1)	Filter Bed #3A	03/12/2025 11:05	
AWS-SS-07	C0O20	Soil/ START	Grab	PCB A (s)(3)	1007 (<6 C) (1)	Filter Bed #3A	03/12/2025 11:25	
AWS-SS-08	C0O21	Soil/ START	Grab	PCB A (s)(3)	1008 (<6 C) (1)	Filter Bed #3B	03/12/2025 13:42	
AWS-SS-09	C0O22	Soil/ START	Grab	PCB A (s)(3)	1009 (<6 C) (1)	Filter Bed #3B	03/12/2025 13:20	
AWS-SS-10	C0O23	Soil/ START	Grab	PCB A (s)(3)	1010 (<6 C) (1)	Filter Bed #3B	03/12/2025 12:55	
AWS-SS-11	C0O24	Soil/ START	Grab	PCB A (s)(3)	1011 (<6 C) (1)	Filter Bed #4	03/12/2025 15:20	
AWS-SS-12	C0O25	Soil/ START	Grab	PCB A (s)(3)	1012 (<6 C) (1)	Filter Bed #4	03/12/2025 15:00	
AWS-SS-13	C0O26	Soil/ START	Grab	PCB A (s)(3)	1013 (<6 C) (1)	Filter Bed #4	03/12/2025 14:40	
AWS-SS-14	C0O27	Soil/ START	Grab	PCB A (s)(3)	1014 (<6 C) (1)	E Facility Entrance	03/12/2025 08:46	
AWS-SS-15	C0O28	Soil/ START	Grab	PCB A (s)(3)	1015 (<6 C) (1)	W Facility Entrance	03/12/2025 08:25	

Sample(s) to be used for Lab QC: AWS-SS-08 Tag 1008	Shipment for Case Complete? Y
Analysis Key: PCB A (s)=PCB Aroclors (s)	Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 Tetra Tech	4/13/25, 11:00	 AL	10:00 3-14-25	IP Bottle 20°C 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 "J" flag.

Deliverables: Email a **Level 2 and 4 report with EDDs in EQulS* 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