

LAB CHRONICLE

OrderID:	Q3375	OrderDate:	10/17/2025 10:32:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	PR132-S02-074099-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-02	PR132-S04-000013-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-03	PR132-S05-000057-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-04	PR132-S02-010074-2 0251016	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	
Q3375-05	PR132-DP02-2025101 6	SOIL			10/16/25			10/16/25
			PCB	8082A		10/20/25	10/20/25	
			Pesticide-TCL	8081B		10/20/25	10/20/25	

Hit Summary Sheet
SW-846

SDG No.: Q3375

Order ID: Q3375

Client: AECOM

Project ID: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-S05-000057-20251016								
Q3375-03	PR132-S05-000057-20	SOIL	Aroclor-1242	51.1		6.00	25.4	ug/kg
Q3375-03	PR132-S05-000057-20	SOIL	Aroclor-1254	21.2	J	4.80	25.4	ug/kg
Total Concentration:				72.300				
Client ID : PR132-DP02-20251016								
Q3375-05	PR132-DP02-2025101	SOIL	Aroclor-1242	61.9		6.00	25.4	ug/kg
Q3375-05	PR132-DP02-2025101	SOIL	Aroclor-1254	25.3	J	4.80	25.4	ug/kg
Total Concentration:				87.200				



SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-01		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	69.2
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	24.6	U	1	5.70	24.6	ug/kg	10/20/25 14:19	PB170162
11104-28-2	Aroclor-1221	24.6	U	1	5.80	24.6	ug/kg	10/20/25 14:19	PB170162
11141-16-5	Aroclor-1232	24.6	U	1	5.40	24.6	ug/kg	10/20/25 14:19	PB170162
53469-21-9	Aroclor-1242	24.6	U	1	5.80	24.6	ug/kg	10/20/25 14:19	PB170162
12672-29-6	Aroclor-1248	24.6	U	1	8.50	24.6	ug/kg	10/20/25 14:19	PB170162
11097-69-1	Aroclor-1254	24.6	U	1	4.60	24.6	ug/kg	10/20/25 14:19	PB170162
37324-23-5	Aroclor-1262	24.6	U	1	7.20	24.6	ug/kg	10/20/25 14:19	PB170162
11100-14-4	Aroclor-1268	24.6	U	1	5.20	24.6	ug/kg	10/20/25 14:19	PB170162
11096-82-5	Aroclor-1260	24.6	U	1	4.70	24.6	ug/kg	10/20/25 14:19	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.0			32 - 144	105%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.7			32 - 175	78%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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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

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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.

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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-02		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	74.7
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	22.7	U	1	5.30	22.7	ug/kg	10/20/25 14:33	PB170162
11104-28-2	Aroclor-1221	22.7	U	1	5.40	22.7	ug/kg	10/20/25 14:33	PB170162
11141-16-5	Aroclor-1232	22.7	U	1	5.00	22.7	ug/kg	10/20/25 14:33	PB170162
53469-21-9	Aroclor-1242	22.7	U	1	5.40	22.7	ug/kg	10/20/25 14:33	PB170162
12672-29-6	Aroclor-1248	22.7	U	1	7.90	22.7	ug/kg	10/20/25 14:33	PB170162
11097-69-1	Aroclor-1254	22.7	U	1	4.30	22.7	ug/kg	10/20/25 14:33	PB170162
37324-23-5	Aroclor-1262	22.7	U	1	6.70	22.7	ug/kg	10/20/25 14:33	PB170162
11100-14-4	Aroclor-1268	22.7	U	1	4.80	22.7	ug/kg	10/20/25 14:33	PB170162
11096-82-5	Aroclor-1260	22.7	U	1	4.30	22.7	ug/kg	10/20/25 14:33	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.8			32 - 144	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.5			32 - 175	83%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-03		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	66.7
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	25.4	U	1	5.90	25.4	ug/kg	10/20/25 14:48	PB170162
11104-28-2	Aroclor-1221	25.4	U	1	6.00	25.4	ug/kg	10/20/25 14:48	PB170162
11141-16-5	Aroclor-1232	25.4	U	1	5.60	25.4	ug/kg	10/20/25 14:48	PB170162
53469-21-9	Aroclor-1242	51.1		1	6.00	25.4	ug/kg	10/20/25 14:48	PB170162
12672-29-6	Aroclor-1248	25.4	U	1	8.90	25.4	ug/kg	10/20/25 14:48	PB170162
11097-69-1	Aroclor-1254	21.2	J	1	4.80	25.4	ug/kg	10/20/25 14:48	PB170162
37324-23-5	Aroclor-1262	25.4	U	1	7.50	25.4	ug/kg	10/20/25 14:48	PB170162
11100-14-4	Aroclor-1268	25.4	U	1	5.40	25.4	ug/kg	10/20/25 14:48	PB170162
11096-82-5	Aroclor-1260	25.4	U	1	4.80	25.4	ug/kg	10/20/25 14:48	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.5			32 - 144	92%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.0			32 - 175	85%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-04		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	55.3
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	30.7	U	1	7.10	30.7	ug/kg	10/20/25 15:02	PB170162
11104-28-2	Aroclor-1221	30.7	U	1	7.30	30.7	ug/kg	10/20/25 15:02	PB170162
11141-16-5	Aroclor-1232	30.7	U	1	6.70	30.7	ug/kg	10/20/25 15:02	PB170162
53469-21-9	Aroclor-1242	30.7	U	1	7.20	30.7	ug/kg	10/20/25 15:02	PB170162
12672-29-6	Aroclor-1248	30.7	U	1	10.7	30.7	ug/kg	10/20/25 15:02	PB170162
11097-69-1	Aroclor-1254	30.7	U	1	5.80	30.7	ug/kg	10/20/25 15:02	PB170162
37324-23-5	Aroclor-1262	30.7	U	1	9.10	30.7	ug/kg	10/20/25 15:02	PB170162
11100-14-4	Aroclor-1268	30.7	U	1	6.50	30.7	ug/kg	10/20/25 15:02	PB170162
11096-82-5	Aroclor-1260	30.7	U	1	5.80	30.7	ug/kg	10/20/25 15:02	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.5			32 - 144	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.6			32 - 175	93%	SPK: 20		

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Report of Analysis

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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25	
Client Sample ID:	PR132-DP02-20251016		SDG No.:	Q3375	
Lab Sample ID:	Q3375-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	66.7	
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date	10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	25.4	U	1	5.90	25.4	ug/kg	10/20/25 15:47	PB170162
11104-28-2	Aroclor-1221	25.4	U	1	6.00	25.4	ug/kg	10/20/25 15:47	PB170162
11141-16-5	Aroclor-1232	25.4	U	1	5.60	25.4	ug/kg	10/20/25 15:47	PB170162
53469-21-9	Aroclor-1242	61.9		1	6.00	25.4	ug/kg	10/20/25 15:47	PB170162
12672-29-6	Aroclor-1248	25.4	U	1	8.90	25.4	ug/kg	10/20/25 15:47	PB170162
11097-69-1	Aroclor-1254	25.3	J	1	4.80	25.4	ug/kg	10/20/25 15:47	PB170162
37324-23-5	Aroclor-1262	25.4	U	1	7.50	25.4	ug/kg	10/20/25 15:47	PB170162
11100-14-4	Aroclor-1268	25.4	U	1	5.40	25.4	ug/kg	10/20/25 15:47	PB170162
11096-82-5	Aroclor-1260	25.4	U	1	4.80	25.4	ug/kg	10/20/25 15:47	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			32 - 144	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.3			32 - 175	92%	SPK: 20		

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QC SUMMARY

Surrogate Summary

SDG No.: Q3375

Client: AECOM

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075872.D	PIBLK-PP075872.D	Tetrachloro-m-xyl	1	20	23.1	115		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	22.7	113		60	140
		Decachlorobiphen	2	20	22.0	110		60	140
Q3383-01MS	OR-03-101725MS	Tetrachloro-m-xyl	1	20	28.0	140		32	144
		Decachlorobiphen	1	20	22.4	112		32	175
		Tetrachloro-m-xyl	2	20	26.4	132		32	144
		Decachlorobiphen	2	20	22.4	112		32	175
Q3383-01MSD	OR-03-101725MSD	Tetrachloro-m-xyl	1	20	28.4	142		32	144
		Decachlorobiphen	1	20	21.8	109		32	175
		Tetrachloro-m-xyl	2	20	18.9	95		32	144
		Decachlorobiphen	2	20	21.3	107		32	175
I.BLK-PP075885.D	PIBLK-PP075885.D	Tetrachloro-m-xyl	1	20	22.7	114		60	140
		Decachlorobiphen	1	20	20.0	100		60	140
		Tetrachloro-m-xyl	2	20	23.5	117		60	140
		Decachlorobiphen	2	20	20.9	104		60	140
I.BLK-PQ070972.D	PIBLK-PQ070972.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	19.1	96		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
I.BLK-PQ071012.D	PIBLK-PQ071012.D	Tetrachloro-m-xyl	1	20	18.7	94		60	140
		Decachlorobiphen	1	20	22.1	111		60	140
		Tetrachloro-m-xyl	2	20	18.9	95		60	140
		Decachlorobiphen	2	20	22.0	110		60	140
PB170162BL	PB170162BL	Tetrachloro-m-xyl	1	20	21.7	108		32	144
		Decachlorobiphen	1	20	25.1	126		32	175
		Tetrachloro-m-xyl	2	20	21.6	108		32	144
		Decachlorobiphen	2	20	24.8	124		32	175
PB170162BS	PB170162BS	Tetrachloro-m-xyl	1	20	24.0	120		32	144
		Decachlorobiphen	1	20	27.3	137		32	175
		Tetrachloro-m-xyl	2	20	22.5	113		32	144
		Decachlorobiphen	2	20	27.3	137		32	175
Q3375-01	PR132-S02-074099-20251016	Tetrachloro-m-xyl	1	20	20.3	102		32	144
		Decachlorobiphen	1	20	15.7	78		32	175
		Tetrachloro-m-xyl	2	20	21.0	105		32	144
		Decachlorobiphen	2	20	15.1	75		32	175
Q3375-02	PR132-S04-000013-20251016	Tetrachloro-m-xyl	1	20	22.8	114		32	144

Surrogate Summary

SDG No.: Q3375

Client: AECOM

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3375-02	PR132-S04-000013-20251016	Decachlorobiphen	1	20	16.4	82		32	175
		Tetrachloro-m-xyl	2	20	23.8	119		32	144
		Decachlorobiphen	2	20	16.5	83		32	175
Q3375-03	PR132-S05-000057-20251016	Tetrachloro-m-xyl	1	20	18.0	90		32	144
		Decachlorobiphen	1	20	17.0	85		32	175
		Tetrachloro-m-xyl	2	20	18.5	92		32	144
		Decachlorobiphen	2	20	16.8	84		32	175
Q3375-04	PR132-S02-010074-20251016	Tetrachloro-m-xyl	1	20	21.2	106		32	144
		Decachlorobiphen	1	20	18.6	93		32	175
		Tetrachloro-m-xyl	2	20	21.5	108		32	144
		Decachlorobiphen	2	20	18.3	92		32	175
Q3375-05	PR132-DP02-20251016	Tetrachloro-m-xyl	1	20	20.1	100		32	144
		Decachlorobiphen	1	20	18.3	92		32	175
		Tetrachloro-m-xyl	2	20	19.8	99		32	144
		Decachlorobiphen	2	20	17.8	89		32	175
I.BLK-PQ071027.D	PIBLK-PQ071027.D	Tetrachloro-m-xyl	1	20	19.6	98		60	140
		Decachlorobiphen	1	20	22.6	113		60	140
		Tetrachloro-m-xyl	2	20	19.7	98		60	140
		Decachlorobiphen	2	20	22.3	111		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8082A</u>
Client:	<u>AECOM</u>	DataFile :	<u>PP075879.D</u>

	Parameter	Spike	Sample		Result	Units	Rec	Rec		RPD		Limits	
			Result					Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3383-01MS (Column 1)	Client Sample ID:		OR-03-101725MS									
	AR1016	180.7	0	189	ug/kg	105				55		146	
	AR1260	180.7	0	184	ug/kg	102				54		119	
Lab Sample ID:	Q3383-01MS (Column 2)	Client Sample ID:		OR-03-101725MS									
	AR1016	180.7	0	260	ug/kg	144				55		146	
	AR1260	180.7	0	173	ug/kg	96				54		119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8082A</u>
Client:	<u>AECOM</u>	DataFile :	<u>PP075880.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3383-01MSD (Column 1)	Client Sample ID:	OR-03-101725MSD									
	AR1016	180.7	0	187	ug/kg	103		2		55	146	15
	AR1260	180.7	0	177	ug/kg	98		4		54	119	15
Lab Sample ID:	Q3383-01MSD (Column 2)	Client Sample ID:	OR-03-101725MSD									
	AR1016	180.7	0	244	ug/kg	135		6		55	146	15
	AR1260	180.7	0	167	ug/kg	92		4		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3375</u>	Analytical Method:	<u>8082A</u>
Client:	<u>AECOM</u>	Datafile :	<u>PQ071014.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170162BS (Column 1)	AR1016	166.5	172	ug/kg	103				71	120		
	AR1260	166.5	165	ug/kg	99				65	130		
PB170162BS (Column 2)	AR1016	166.5	153	ug/kg	92				71	120		
	AR1260	166.5	151	ug/kg	91				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170162BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3375

Lab Sample ID: PB170162BL

Lab File ID: PQ071013.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/20/2025

Date Analyzed (1): 10/20/2025

Date Analyzed (2): 10/20/2025

Time Analyzed (1): 13:20

Time Analyzed (2): 13:20

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

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
OR-03-101725MS	Q3383-01MS	PP075879.D	10/20/2025	10/20/2025
OR-03-101725MSD	Q3383-01MSD	PP075880.D	10/20/2025	10/20/2025
PB170162BS	PB170162BS	PQ071014.D	10/20/2025	10/20/2025
PR132-S02-074099-20251016	Q3375-01	PQ071017.D	10/20/2025	10/20/2025
PR132-S04-000013-20251016	Q3375-02	PQ071018.D	10/20/2025	10/20/2025
PR132-S05-000057-20251016	Q3375-03	PQ071019.D	10/20/2025	10/20/2025
PR132-S02-010074-20251016	Q3375-04	PQ071020.D	10/20/2025	10/20/2025
PR132-DP02-20251016	Q3375-05	PQ071021.D	10/20/2025	10/20/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3375</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.82	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.83	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.90	5.89	5.89	5.90	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.99	5.99	5.99	5.99	6.00	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.29	6.28	6.28	6.29	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.40	7.40	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.66	7.65	7.65	7.66	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.25	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.57	8.56	8.56	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.45	10.44	10.34	10.54
Tetrachloro-m-xylene		4.65	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.89	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.29	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.88	6.88	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.94	7.94	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.99	8.99	8.99	8.98	8.98	8.99	8.89	9.09
Aroclor-1268-3	(3)	9.23	9.23	9.23	9.23	9.22	9.23	9.13	9.33
Aroclor-1268-4	(4)	9.66	9.66	9.66	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.09	10.09	10.09	10.09	10.08	10.09	9.99	10.19

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3375</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.90	4.89	4.89	4.89	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.11	5.11	5.12	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.35	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.55	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.16	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.40	7.40	7.40	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.80	8.80	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.89	4.89	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.95	4.96	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.07	5.07	5.07	5.07	5.08	5.07	4.97	5.17
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.15	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.89	4.90	4.89	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.11	5.12	5.11	5.12	5.11	5.11	5.01	5.21
Aroclor-1248-3	(3)	5.15	5.16	5.15	5.16	5.15	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.71	5.72	5.73	5.72	5.62	5.82
Decachlorobiphenyl		8.80	8.81	8.80	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.45	6.45	6.46	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Aroclor-1268-4	(4)	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.54	8.54	8.54	8.44	8.64

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.81	8.81	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: AECO02
SDG NO.: Q3375

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID:		CF 1000 =	PP075247.D	CF 750 =	PP075248.D			
CF 500 =		PP075249.D	CF 250 =	PP075250.D	CF 050 =	PP075251.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780	11
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596	10
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776	18
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662	6
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309	6
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497	9
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000	13
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138	10
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161	5
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293	5
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173	6
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485	4
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704	9
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383	6
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217	16
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054	7
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673	8
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594	5
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203	4
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758	5
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036	7
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687	5
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852	7
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446	12
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111	3
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735	3
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987	4
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786	8
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306	9
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250	7
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328	5
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767	4
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231	3
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: AECO02
SDG NO.: Q3375

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID:											
CF 1000 =		PP075247.D		CF 750 =		PP075248.D					
CF 500 =		PP075249.D		CF 250 =		PP075250.D		CF 050 =		PP075251.D	
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD			
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	561013466	2			
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	257002144	3			
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	155268364	17			
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	146967981	3			
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	163382179	4			
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	405935359	4			
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	575829890	2			
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	428085035	1			
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	431223994	1			
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	1051988429	8			
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	6032502035	8			
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	6100884965	11			
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	467119927	8			
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	208957845	9			
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	121963612	3			
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	159091445	10			
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	194683570	3			
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	5981631261	9			
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	5914955577	10			
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	300466314	10			
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	202479051	2			
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	249746151	4			
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	232743529	1			
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	408571412	15			
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	6083098657	7			
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	5763895924	14			
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	498802539	11			
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	399184290	4			
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	664723815	14			
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	493647149	13			
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	570692715	14			
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	6118390909	7			
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	5840354669	14			
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	1442633999	9			

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.86	4.76	4.96	18490700
		2	4.95	4.85	5.05	13697900
		3	5.02	4.92	5.12	41397800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	32115600
		2	5.54	5.44	5.64	16774900
		3	5.83	5.73	5.93	33440800
		4	5.99	5.89	6.09	17299100
		5	6.08	5.98	6.18	12004400
Aroclor-1262	500	1	8.24	8.14	8.34	75955200
		2	8.57	8.47	8.67	135361000
		3	8.90	8.80	9.00	93451000
		4	8.98	8.88	9.08	72237200
		5	9.66	9.56	9.76	52135400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	76477600
		2	4.09	3.99	4.19	52263200
		3	4.17	4.07	4.27	190406000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	146566000
		2	4.89	4.79	4.99	252198000
		3	5.07	4.97	5.17	63015000
		4	5.15	5.05	5.25	103164000
		5	5.33	5.23	5.43	64046600
Aroclor-1262	500	1	6.91	6.81	7.01	791116000
		2	7.17	7.07	7.27	552368000
		3	7.69	7.59	7.79	499974000
		4	7.75	7.65	7.85	908084000
		5	8.25	8.15	8.35	429906000

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Contract: AECO02

SDG NO.: Q3375

Calibration Date(s): **10/10/2025** **10/10/2025**

Calibration Times: 08:57 16:43

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

LAB FILE ID:		RT 1000 =	<u>PQ070973.D</u>	RT 750 =	<u>PQ070974.D</u>
RT 500 =	PQ070975.D	RT 250 =	PQ070976.D	RT 050 =	PQ070977.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene	3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

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Contract: AECO02

SDG NO.: Q3375

Calibration Date(s): **10/10/2025** **10/10/2025**

Calibration Times: 08:57 16:43

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

LAB FILE ID:		RT 1000 =	<u>PQ070973.D</u>	RT 750 =	<u>PQ070974.D</u>
RT 500 =	PQ070975.D	RT 250 =	PQ070976.D	RT 050 =	PQ070977.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: AECO02
SDG NO.: Q3375

Calibration Date(s): 10/10/2025 10/10/2025
Calibration Times: 08:57 16:43

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

LAB FILE ID:		CF 1000 = <u>PQ070973.D</u>		CF 750 = <u>PQ070974.D</u>			
CF 500 = <u>PQ070975.D</u>		CF 250 = <u>PQ070976.D</u>		CF 050 = <u>PQ070977.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	152632258	161381460	169566884	175492100	161647220	164143984
Aroclor-1016-2	(2)	235274296	256838307	264605432	271518004	253235720	256294352
Aroclor-1016-3	(3)	145675938	156782704	164416996	169596776	159119400	159118363
Aroclor-1016-4	(4)	120162951	129378400	134848252	138303760	126953020	129929277
Aroclor-1016-5	(5)	117231883	128545740	133336348	136306768	128593380	128802824
Aroclor-1260-1	(1)	208928914	234195365	241877518	247859876	239493660	234471067
Aroclor-1260-2	(2)	243695794	275266251	287710272	296720404	279652200	276608984
Aroclor-1260-3	(3)	178017013	196424459	204653606	209590628	207855920	199308325
Aroclor-1260-4	(4)	191556315	214263107	223690164	228814336	216092480	214883280
Aroclor-1260-5	(5)	400986941	436898331	447507618	451939420	431553500	433777162
Decachlorobiphenyl		2603997920	2888430733	3017037660	3097201720	2913248400	2903983287
Tetrachloro-m-xylene		4048991050	4420325093	4447782420	4497118040	4337178200	4350278961
Aroclor-1242-1	(1)	117929900	120501580	121917368	124177888	110233240	118951995
Aroclor-1242-2	(2)	179238730	188762288	194471730	197719720	193371880	190712870
Aroclor-1242-3	(3)	111298009	117265485	120728326	123754708	121434700	118896246
Aroclor-1242-4	(4)	91702396	97376287	98944784	101196952	108558560	99555796
Aroclor-1242-5	(5)	63322787	67097277	82718820	102665812	77804800	78721899
Decachlorobiphenyl		3082568640	3243406933	3352805760	3359769360	3286790800	3265068299
Tetrachloro-m-xylene		4441893010	4577290613	4623065280	4605855840	4702516200	4590124189
Aroclor-1248-1	(1)	89951061	92802913	99278242	97399904	67891380	89464700
Aroclor-1248-2	(2)	126849870	131764987	138900528	142257364	142462060	136446962
Aroclor-1248-3	(3)	152980867	157544657	166146850	167481096	162764480	161383590
Aroclor-1248-4	(4)	167077290	173126060	182827440	186713196	157721500	173493097
Aroclor-1248-5	(5)	163667698	168136284	132211082	121389384	159185140	148917918
Decachlorobiphenyl		3177348440	3248518907	3402766540	3434790520	3353916400	3323468161
Tetrachloro-m-xylene		4546508980	4599154480	4739413180	4685828360	4518221600	4617825320
Aroclor-1254-1	(1)	186317660	198212097	200308250	222421948	174131700	196278331
Aroclor-1254-2	(2)	272465681	301191412	300558232	318683640	259516480	290483089
Aroclor-1254-3	(3)	294493285	320137152	318530722	335107472	267769020	307207530
Aroclor-1254-4	(4)	212636724	232647637	229798130	237628972	184991000	219540493
Aroclor-1254-5	(5)	229095618	241104957	242576814	249415576	197285560	231895705
Decachlorobiphenyl		3135993520	3237057933	3300114540	3432442200	2724290800	3165979799
Tetrachloro-m-xylene		4449551480	4584042107	4604497820	4625575480	3701892800	4393111937
Aroclor-1268-1	(1)	555593291	572438855	583365466	598015136	603747960	582632142

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	510325576	524057337	534075228	546100468	539884140	530888550	3
Aroclor-1268-3	(3)	416538407	427532203	436646098	443325192	442459640	433300308	3
Aroclor-1268-4	(4)	179373252	185531188	189624920	193669728	190155160	187670850	3
Aroclor-1268-5	(5)	1283167757	1308010297	1321380362	1326514116	1318957680	1311606042	1
Decachlorobiphenyl		5757514290	5913646120	6037365900	6192444040	6223042400	6024802550	3
Tetrachloro-m-xylene		4734874420	4871269707	4916225920	4964521920	4932484000	4883875193	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_Q

Contract: AECO02
SDG NO.: Q3375

Calibration Date(s): 10/10/2025 10/10/2025
Calibration Times: 08:57 16:43

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

LAB FILE ID:								
CF 1000 = <u>PQ070973.D</u>		CF 750 = <u>PQ070974.D</u>		CF 500 = <u>PQ070975.D</u>		CF 250 = <u>PQ070976.D</u>		
CF 500 = <u>PQ070975.D</u>		CF 250 = <u>PQ070976.D</u>		CF 050 = <u>PQ070977.D</u>				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	198094739	217218485	228189888	237783008	238723760	224001976	8
Aroclor-1016-2	(2)	306974778	336928535	345611618	359075648	352024660	340123048	6
Aroclor-1016-3	(3)	164197912	180535471	187035142	195263012	182262860	181858879	6
Aroclor-1016-4	(4)	139678855	154088441	161162796	170890484	161242760	157412667	7
Aroclor-1016-5	(5)	171310856	187991799	196963118	205633060	197310680	191841903	7
Aroclor-1260-1	(1)	322104344	352779140	365742242	382158164	379245720	360405922	7
Aroclor-1260-2	(2)	392921251	432078265	450339936	466790948	457838380	439993756	7
Aroclor-1260-3	(3)	374441100	409997701	423595070	436050024	430913160	414999411	6
Aroclor-1260-4	(4)	324169048	356082777	368301826	380117112	370143240	359762801	6
Aroclor-1260-5	(5)	773923407	822481391	873089514	880740576	851175200	840282018	5
Decachlorobiphenyl		4511855410	4959881947	5165429800	5359918520	5250729800	5049563095	7
Tetrachloro-m-xylene		4790824740	5183285133	5313707940	5302586120	4809696600	5080020107	5
Aroclor-1242-1	(1)	149120136	160366853	160219200	165386980	179219740	162862582	7
Aroclor-1242-2	(2)	228406508	237737935	244055020	248772624	247903320	241375081	4
Aroclor-1242-3	(3)	123267302	131780304	132089372	135429308	136535900	131820437	4
Aroclor-1242-4	(4)	107929318	113409847	120761922	128344628	102401880	114569519	9
Aroclor-1242-5	(5)	175313049	196019013	175387368	167275268	156704980	174139936	8
Decachlorobiphenyl		5194557400	5483323560	5616478880	5698756520	6104877800	5619598832	6
Tetrachloro-m-xylene		5511103540	5712989200	5725543240	5446452960	5436162600	5566450308	3
Aroclor-1248-1	(1)	118147108	120641916	127443132	132200888	134031720	126492953	6
Aroclor-1248-2	(2)	172958749	177705395	189325858	196101732	206725040	188563355	7
Aroclor-1248-3	(3)	167593672	172934769	178216680	182062792	197467520	179655087	6
Aroclor-1248-4	(4)	207432918	214191484	230649658	232116576	237264740	224331075	6
Aroclor-1248-5	(5)	211078475	216720032	243430792	250826296	242157620	232842643	8
Decachlorobiphenyl		5357284330	5460780160	5730809660	5844375240	6130897000	5704829278	5
Tetrachloro-m-xylene		5499268270	5571294053	5722936200	5664492400	5408993600	5573396905	2
Aroclor-1254-1	(1)	326099704	341297420	345505280	377987212	295169840	337211891	9
Aroclor-1254-2	(2)	283781194	302336180	304849560	326229636	268575420	297154398	7
Aroclor-1254-3	(3)	455841488	477545104	484627186	501619228	415693040	467065209	7
Aroclor-1254-4	(4)	291449906	303039177	308578712	317073776	256115840	295251482	8
Aroclor-1254-5	(5)	417470468	427079459	439495106	452352324	365350180	420349507	8
Decachlorobiphenyl		5360763820	5577066440	5716894620	5972893640	5256420800	5576807864	5
Tetrachloro-m-xylene		5311856950	5451428933	5484489360	5522984680	4238156400	5201783265	10
Aroclor-1268-1	(1)	931455367	961712979	973652708	974423320	1030986200	974446115	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	858872879	891158693	900594916	906701084	936258500	898717214	3
Aroclor-1268-3	(3)	746016914	769745548	779615614	791820108	821422560	781724149	4
Aroclor-1268-4	(4)	330162118	339473573	345636662	356393996	350955500	344524370	3
Aroclor-1268-5	(5)	2374681378	2422263161	2432472106	2427996872	2444443520	2420371407	1
Decachlorobiphenyl		10401085910	10736618840	10941521580	11269357960	11896046400	11048926138	5
Tetrachloro-m-xylene		5581659480	5729850200	5733063640	5828463760	5669436400	5708494696	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Instrument ID: ECD_Q Date(s) Analyzed: 10/10/2025 10/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.59	3.49	3.69	59190800
		2	3.67	3.57	3.77	43146800
		3	3.74	3.64	3.84	133548000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.74	3.64	3.84	108948000
		2	4.23	4.13	4.33	57502800
		3	4.50	4.40	4.60	107099000
		4	4.65	4.55	4.75	54014200
		5	4.79	4.69	4.89	43713200
Aroclor-1262	500	1	6.84	6.74	6.94	274018000
		2	7.15	7.05	7.25	498476000
		3	7.42	7.32	7.52	328660000
		4	7.49	7.39	7.59	252340000
		5	7.99	7.89	8.09	164350000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: AECO02

Lab Code: ACE SDG NO.: Q3375

Instrument ID: ECD_Q Date(s) Analyzed: 10/10/2025 10/10/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	2.98	2.88	3.08	73819200
		2	3.05	2.95	3.15	60003200
		3	3.12	3.02	3.22	171184000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.12	3.02	3.22	139342000
		2	3.79	3.69	3.89	138900000
		3	3.95	3.85	4.05	73450200
		4	4.04	3.94	4.14	63034400
		5	4.20	4.10	4.30	71607200
Aroclor-1262	500	1	5.73	5.63	5.83	452486000
		2	5.98	5.88	6.08	427702000
		3	6.50	6.40	6.60	332708000
		4	6.56	6.46	6.66	616820000
		5	7.05	6.95	7.15	302986000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 11:13

Initial Calibration Time(s): 08:45

17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 11:13

Initial Calibration Time(s): 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4	(4)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.34	6.36	6.26	6.46	0.02
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.02
Aroclor-1260-4	(4)	7.15	7.17	7.07	7.27	0.02
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075868.D **Time Analyzed:** 11:13

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.806	5.708	5.908	472.530	500.000	-5.5
Aroclor-1016-2	5.827	5.729	5.929	502.350	500.000	0.5
Aroclor-1016-3	5.890	5.792	5.992	485.700	500.000	-2.9
Aroclor-1016-4	5.987	5.889	6.089	509.420	500.000	1.9
Aroclor-1016-5	6.279	6.181	6.381	520.380	500.000	4.1
Aroclor-1260-1	7.397	7.299	7.499	482.450	500.000	-3.5
Aroclor-1260-2	7.650	7.551	7.751	470.250	500.000	-6.0
Aroclor-1260-3	8.008	7.909	8.109	501.460	500.000	0.3
Aroclor-1260-4	8.236	8.137	8.337	492.140	500.000	-1.6
Aroclor-1260-5	8.563	8.464	8.664	502.900	500.000	0.6
Decachlorobiphenyl	10.435	10.334	10.534	40.440	50.000	-19.1
Tetrachloro-m-xylene	4.653	4.555	4.755	47.380	50.000	-5.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075868.D **Time Analyzed:** 11:13

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.885	4.793	4.993	540.620	500.000	8.1
Aroclor-1016-2	4.941	4.851	5.051	571.750	500.000	14.4
Aroclor-1016-3	5.064	4.971	5.171	520.270	500.000	4.1
Aroclor-1016-4	5.101	5.011	5.211	573.190	500.000	14.6
Aroclor-1016-5	5.316	5.225	5.425	541.560	500.000	8.3
Aroclor-1260-1	6.344	6.255	6.455	542.970	500.000	8.6
Aroclor-1260-2	6.532	6.441	6.641	549.380	500.000	9.9
Aroclor-1260-3	6.685	6.595	6.795	527.020	500.000	5.4
Aroclor-1260-4	7.153	7.065	7.265	484.910	500.000	-3.0
Aroclor-1260-5	7.394	7.304	7.504	458.580	500.000	-8.3
Decachlorobiphenyl	8.791	8.703	8.903	43.820	50.000	-12.4
Tetrachloro-m-xylene	3.789	3.696	3.896	51.660	50.000	3.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 16:20

Initial Calibration Time(s): 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 16:20

Initial Calibration Time(s): 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075881.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.807	5.708	5.908	499.980	500.000	0.0
Aroclor-1016-2	5.828	5.729	5.929	503.740	500.000	0.7
Aroclor-1016-3	5.891	5.792	5.992	505.040	500.000	1.0
Aroclor-1016-4	5.988	5.889	6.089	527.610	500.000	5.5
Aroclor-1016-5	6.280	6.181	6.381	521.200	500.000	4.2
Aroclor-1260-1	7.398	7.299	7.499	464.050	500.000	-7.2
Aroclor-1260-2	7.651	7.551	7.751	450.930	500.000	-9.8
Aroclor-1260-3	8.009	7.909	8.109	475.600	500.000	-4.9
Aroclor-1260-4	8.238	8.137	8.337	484.630	500.000	-3.1
Aroclor-1260-5	8.563	8.464	8.664	488.580	500.000	-2.3
Decachlorobiphenyl	10.433	10.334	10.534	39.770	50.000	-20.5
Tetrachloro-m-xylene	4.653	4.555	4.755	46.220	50.000	-7.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075881.D **Time Analyzed:** 16:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.888	4.793	4.993	580.620	500.000	16.1
Aroclor-1016-2	4.943	4.851	5.051	632.020	500.000	26.4
Aroclor-1016-3	5.065	4.971	5.171	570.020	500.000	14.0
Aroclor-1016-4	5.106	5.011	5.211	566.310	500.000	13.3
Aroclor-1016-5	5.320	5.225	5.425	555.760	500.000	11.2
Aroclor-1260-1	6.348	6.255	6.455	483.300	500.000	-3.3
Aroclor-1260-2	6.534	6.441	6.641	518.490	500.000	3.7
Aroclor-1260-3	6.688	6.595	6.795	495.820	500.000	-0.8
Aroclor-1260-4	7.157	7.065	7.265	428.480	500.000	-14.3
Aroclor-1260-5	7.397	7.304	7.504	417.660	500.000	-16.5
Decachlorobiphenyl	8.792	8.703	8.903	41.820	50.000	-16.4
Tetrachloro-m-xylene	3.791	3.696	3.896	53.080	50.000	6.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 10:18

Initial Calibration Time(s): 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.49	4.48	4.38	4.58	-0.01
Aroclor-1016-2	(2)	4.51	4.50	4.40	4.60	-0.01
Aroclor-1016-3	(3)	4.57	4.56	4.46	4.66	-0.01
Aroclor-1016-4	(4)	4.66	4.65	4.55	4.75	-0.01
Aroclor-1016-5	(5)	4.94	4.93	4.83	5.03	-0.01
Aroclor-1260-1	(1)	6.03	6.02	5.92	6.12	-0.01
Aroclor-1260-2	(2)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-3	(3)	6.64	6.63	6.53	6.73	-0.01
Aroclor-1260-4	(4)	6.85	6.84	6.74	6.94	-0.01
Aroclor-1260-5	(5)	7.16	7.15	7.05	7.25	-0.01
Tetrachloro-m-xylene		3.41	3.40	3.30	3.50	-0.01
Decachlorobiphenyl		8.51	8.50	8.40	8.60	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 10:18

Initial Calibration Time(s): 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.23	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.54	7.53	7.43	7.63	-0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071008.D **Time Analyzed:** 10:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.492	4.380	4.580	479.650	500.000	-4.1
Aroclor-1016-2	4.510	4.399	4.599	508.480	500.000	1.7
Aroclor-1016-3	4.567	4.456	4.656	536.740	500.000	7.3
Aroclor-1016-4	4.658	4.546	4.746	515.560	500.000	3.1
Aroclor-1016-5	4.942	4.831	5.031	511.360	500.000	2.3
Aroclor-1260-1	6.032	5.919	6.119	501.670	500.000	0.3
Aroclor-1260-2	6.288	6.175	6.375	472.070	500.000	-5.6
Aroclor-1260-3	6.638	6.526	6.726	523.450	500.000	4.7
Aroclor-1260-4	6.853	6.740	6.940	530.680	500.000	6.1
Aroclor-1260-5	7.158	7.045	7.245	493.240	500.000	-1.4
Decachlorobiphenyl	8.512	8.396	8.596	53.300	50.000	6.6
Tetrachloro-m-xylene	3.409	3.300	3.500	53.000	50.000	6.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071008.D **Time Analyzed:** 10:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	3.778	3.678	3.878	419.270	500.000	-16.1
Aroclor-1016-2	3.793	3.693	3.893	465.010	500.000	-7.0
Aroclor-1016-3	3.953	3.853	4.053	468.600	500.000	-6.3
Aroclor-1016-4	4.001	3.902	4.102	489.820	500.000	-2.0
Aroclor-1016-5	4.196	4.097	4.297	467.260	500.000	-6.5
Aroclor-1260-1	5.189	5.089	5.289	468.620	500.000	-6.3
Aroclor-1260-2	5.379	5.278	5.478	452.340	500.000	-9.5
Aroclor-1260-3	5.520	5.419	5.619	466.410	500.000	-6.7
Aroclor-1260-4	5.981	5.879	6.079	464.170	500.000	-7.2
Aroclor-1260-5	6.225	6.124	6.324	437.130	500.000	-12.6
Decachlorobiphenyl	7.536	7.433	7.633	54.320	50.000	8.6
Tetrachloro-m-xylene	2.776	2.678	2.878	50.390	50.000	0.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 16:45

Initial Calibration Time(s): 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG NO.: Q3375

Continuing Calib Date: 10/20/2025

Initial Calibration Date(s): 10/10/2025 10/10/2025

Continuing Calib Time: 16:45

Initial Calibration Time(s): 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071023.D **Time Analyzed:** 16:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.480	4.380	4.580	550.910	500.000	10.2
Aroclor-1016-2	4.499	4.399	4.599	545.480	500.000	9.1
Aroclor-1016-3	4.557	4.456	4.656	557.230	500.000	11.4
Aroclor-1016-4	4.647	4.546	4.746	552.890	500.000	10.6
Aroclor-1016-5	4.931	4.831	5.031	543.570	500.000	8.7
Aroclor-1260-1	6.021	5.919	6.119	524.350	500.000	4.9
Aroclor-1260-2	6.276	6.175	6.375	521.190	500.000	4.2
Aroclor-1260-3	6.628	6.526	6.726	548.540	500.000	9.7
Aroclor-1260-4	6.842	6.740	6.940	553.860	500.000	10.8
Aroclor-1260-5	7.147	7.045	7.245	548.590	500.000	9.7
Decachlorobiphenyl	8.499	8.396	8.596	57.120	50.000	14.2
Tetrachloro-m-xylene	3.400	3.300	3.500	54.370	50.000	8.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** AECO02
Lab Code: ACE **SDG NO.:** Q3375
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/20/2025
Lab Sample No.: AR1660CCC500 **Data File :** PQ071023.D **Time Analyzed:** 16:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.777	3.678	3.878	486.880	500.000	-2.6
Aroclor-1016-2	3.793	3.693	3.893	486.950	500.000	-2.6
Aroclor-1016-3	3.953	3.853	4.053	501.250	500.000	0.3
Aroclor-1016-4	4.002	3.902	4.102	507.110	500.000	1.4
Aroclor-1016-5	4.196	4.097	4.297	503.750	500.000	0.8
Aroclor-1260-1	5.189	5.089	5.289	495.440	500.000	-0.9
Aroclor-1260-2	5.378	5.278	5.478	487.970	500.000	-2.4
Aroclor-1260-3	5.519	5.419	5.619	493.830	500.000	-1.2
Aroclor-1260-4	5.979	5.879	6.079	490.320	500.000	-1.9
Aroclor-1260-5	6.224	6.124	6.324	470.860	500.000	-5.8
Decachlorobiphenyl	7.533	7.433	7.633	56.890	50.000	13.8
Tetrachloro-m-xylene	2.777	2.678	2.878	53.850	50.000	7.7

Analytical Sequence

Client: AECOM	SDG No.: Q3375
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2025 09/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/20/2025	11:13	PP075868.D	10.44	4.65
IBLK	IBLK	10/20/2025	12:41	PP075872.D	10.43	4.65
OR-03-101725MS	Q3383-01MS	10/20/2025	15:15	PP075879.D	10.44	4.65
OR-03-101725MSD	Q3383-01MSD	10/20/2025	15:31	PP075880.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/20/2025	16:20	PP075881.D	10.43	4.65
IBLK	IBLK	10/20/2025	17:25	PP075885.D	10.43	4.65
IBLK	IBLK	10/10/2025	08:42	PQ070972.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	8.50	3.40
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	8.50	3.40
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	8.50	3.40
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	8.50	3.40
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	8.50	3.40
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	8.50	3.40

Analytical Sequence

AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	8.50	3.40
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	8.50	3.40
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	8.50	3.40
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	8.50	3.40
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	8.50	3.40
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	8.50	3.40
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	8.50	3.40
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	8.50	3.40
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	8.50	3.40
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	8.50	3.40
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	8.50	3.40
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	8.50	3.40
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	8.50	3.40
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	8.50	3.40
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	8.50	3.40
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	8.50	3.40
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	8.50	3.40
AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	8.50	3.40
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	8.50	3.40
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	8.50	3.40
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	8.50	3.40
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/20/2025	10:18	PQ071008.D	8.51	3.41
IBLK	IBLK	10/20/2025	12:36	PQ071012.D	8.52	3.41
PB170162BL	PB170162BL	10/20/2025	13:20	PQ071013.D	8.52	3.42
PB170162BS	PB170162BS	10/20/2025	13:35	PQ071014.D	8.51	3.40
PR132-S02-074099-20251016	Q3375-01	10/20/2025	14:19	PQ071017.D	8.50	3.40
PR132-S04-000013-20251016	Q3375-02	10/20/2025	14:33	PQ071018.D	8.50	3.40
PR132-S05-000057-20251016	Q3375-03	10/20/2025	14:48	PQ071019.D	8.50	3.40
PR132-S02-010074-20251016	Q3375-04	10/20/2025	15:02	PQ071020.D	8.50	3.40
PR132-DP02-20251016	Q3375-05	10/20/2025	15:47	PQ071021.D	8.52	3.42
AR1660CCC500	AR1660CCC500	10/20/2025	16:45	PQ071023.D	8.50	3.40
IBLK	IBLK	10/20/2025	17:44	PQ071027.D	8.50	3.40

Analytical Sequence

Client: AECOM	SDG No.: Q3375
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 6069.	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2025 09/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/20/2025	11:13	PP075868.D	8.79	3.79
IBLK	IBLK	10/20/2025	12:41	PP075872.D	8.79	3.79
OR-03-101725MS	Q3383-01MS	10/20/2025	15:15	PP075879.D	8.79	3.79
OR-03-101725MSD	Q3383-01MSD	10/20/2025	15:31	PP075880.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/20/2025	16:20	PP075881.D	8.79	3.79
IBLK	IBLK	10/20/2025	17:25	PP075885.D	8.79	3.79
IBLK	IBLK	10/10/2025	08:42	PQ070972.D	7.53	2.78
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	7.53	2.78
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	7.53	2.78
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	7.53	2.78
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	7.53	2.78
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	7.53	2.78
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	7.53	2.78

Analytical Sequence

AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	7.53	2.78
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	7.53	2.78
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	7.53	2.78
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	7.53	2.78
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	7.53	2.78
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	7.53	2.78
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	7.53	2.78
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	7.53	2.78
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	7.53	2.78
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	7.53	2.78
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	7.53	2.78
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	7.53	2.78
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	7.53	2.78
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	7.53	2.78
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	7.53	2.78
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	7.53	2.78
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	7.53	2.78
AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	7.53	2.78
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	7.53	2.78
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	7.53	2.78
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	7.53	2.78
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/20/2025	10:18	PQ071008.D	7.54	2.78
IBLK	IBLK	10/20/2025	12:36	PQ071012.D	7.54	2.78
PB170162BL	PB170162BL	10/20/2025	13:20	PQ071013.D	7.54	2.78
PB170162BS	PB170162BS	10/20/2025	13:35	PQ071014.D	7.54	2.78
PR132-S02-074099-20251016	Q3375-01	10/20/2025	14:19	PQ071017.D	7.53	2.78
PR132-S04-000013-20251016	Q3375-02	10/20/2025	14:33	PQ071018.D	7.53	2.78
PR132-S05-000057-20251016	Q3375-03	10/20/2025	14:48	PQ071019.D	7.53	2.78
PR132-S02-010074-20251016	Q3375-04	10/20/2025	15:02	PQ071020.D	7.53	2.78
PR132-DP02-20251016	Q3375-05	10/20/2025	15:47	PQ071021.D	7.54	2.78
AR1660CCC500	AR1660CCC500	10/20/2025	16:45	PQ071023.D	7.53	2.78
IBLK	IBLK	10/20/2025	17:44	PQ071027.D	7.53	2.78



QC SAMPLE DATA

Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170162BL		SDG No.:	Q3375
Lab Sample ID:	PB170162BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	17.0	U	1	3.90	17.0	ug/kg	10/20/25 13:20	PB170162
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/20/25 13:20	PB170162
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/20/25 13:20	PB170162
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/20/25 13:20	PB170162
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/20/25 13:20	PB170162
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/20/25 13:20	PB170162
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/20/25 13:20	PB170162
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/20/25 13:20	PB170162
11096-82-5	Aroclor-1260	17.0	U	1	3.20	17.0	ug/kg	10/20/25 13:20	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.7			32 - 144	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.1			32 - 175	126%	SPK: 20		

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:	AECOM		Date Collected:	09/23/25	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	09/23/25	
Client Sample ID:	PIBLK-PP075246.D		SDG No.:	Q3375	
Lab Sample ID:	I.BLK-PP075246.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	09/23/25	pp092325
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	09/23/25	pp092325
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	09/23/25	pp092325
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	09/23/25	pp092325
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	09/23/25	pp092325
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	09/23/25	pp092325
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	09/23/25	pp092325
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	09/23/25	pp092325
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	09/23/25	pp092325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.9			60 - 140	90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			60 - 140	97%	SPK: 20		

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:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	PIBLK-PP075872.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PP075872.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	10/20/25	pp102025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/20/25	pp102025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/20/25	pp102025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/20/25	pp102025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/20/25	pp102025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/20/25	pp102025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/20/25	pp102025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/20/25	pp102025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/20/25	pp102025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.7			60 - 140	113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.6			60 - 140	103%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	PIBLK-PP075885.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PP075885.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	5030	Prep Date:		PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	10/20/25	pp102025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/20/25	pp102025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/20/25	pp102025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/20/25	pp102025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/20/25	pp102025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/20/25	pp102025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/20/25	pp102025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/20/25	pp102025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/20/25	pp102025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.7			60 - 140	114%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			60 - 140	100%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/10/25	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/10/25	
Client Sample ID:	PIBLK-PQ070972.D		SDG No.:	Q3375	
Lab Sample ID:	I.BLK-PQ070972.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	10/10/25	pq101025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/10/25	pq101025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/10/25	pq101025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/10/25	pq101025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/10/25	pq101025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/10/25	pq101025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/10/25	pq101025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/10/25	pq101025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/10/25	pq101025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.3			60 - 140	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			60 - 140	95%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	PIBLK-PQ071012.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PQ071012.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	10/20/25	PQ102025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/20/25	PQ102025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/20/25	PQ102025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/20/25	PQ102025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/20/25	PQ102025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/20/25	PQ102025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/20/25	PQ102025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/20/25	PQ102025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/20/25	PQ102025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.7			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.0			60 - 140	110%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/20/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/20/25
Client Sample ID:	PIBLK-PQ071027.D		SDG No.:	Q3375
Lab Sample ID:	I.BLK-PQ071027.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	5030	Prep Date:		PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.50	U	1	0.097	0.50	ug/L	10/20/25	PQ102025
11104-28-2	Aroclor-1221	0.50	U	1	0.13	0.50	ug/L	10/20/25	PQ102025
11141-16-5	Aroclor-1232	0.50	U	1	0.096	0.50	ug/L	10/20/25	PQ102025
53469-21-9	Aroclor-1242	0.50	U	1	0.12	0.50	ug/L	10/20/25	PQ102025
12672-29-6	Aroclor-1248	0.50	U	1	0.071	0.50	ug/L	10/20/25	PQ102025
11097-69-1	Aroclor-1254	0.50	U	1	0.094	0.50	ug/L	10/20/25	PQ102025
11096-82-5	Aroclor-1260	0.50	U	1	0.081	0.50	ug/L	10/20/25	PQ102025
37324-23-5	Aroclor-1262	0.50	U	1	0.14	0.50	ug/L	10/20/25	PQ102025
11100-14-4	Aroclor-1268	0.50	U	1	0.11	0.50	ug/L	10/20/25	PQ102025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.6			60 - 140	98%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			60 - 140	111%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	
Client Sample ID:	PB170162BS		SDG No.:	Q3375
Lab Sample ID:	PB170162BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	172		1	3.90	17.0	ug/kg	10/20/25 13:35	PB170162
11104-28-2	Aroclor-1221	17.0	U	1	4.00	17.0	ug/kg	10/20/25 13:35	PB170162
11141-16-5	Aroclor-1232	17.0	U	1	3.70	17.0	ug/kg	10/20/25 13:35	PB170162
53469-21-9	Aroclor-1242	17.0	U	1	4.00	17.0	ug/kg	10/20/25 13:35	PB170162
12672-29-6	Aroclor-1248	17.0	U	1	5.90	17.0	ug/kg	10/20/25 13:35	PB170162
11097-69-1	Aroclor-1254	17.0	U	1	3.20	17.0	ug/kg	10/20/25 13:35	PB170162
37324-23-5	Aroclor-1262	17.0	U	1	5.00	17.0	ug/kg	10/20/25 13:35	PB170162
11100-14-4	Aroclor-1268	17.0	U	1	3.60	17.0	ug/kg	10/20/25 13:35	PB170162
11096-82-5	Aroclor-1260	165		1	3.20	17.0	ug/kg	10/20/25 13:35	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.0			32 - 144	120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.3			32 - 175	137%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/17/25
Client Sample ID:	OR-03-101725MS		SDG No.:	Q3375
Lab Sample ID:	Q3383-01MS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	92
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	260		1	4.30	18.4	ug/kg	10/20/25 15:15	PB170162
11104-28-2	Aroclor-1221	18.4	U	1	4.40	18.4	ug/kg	10/20/25 15:15	PB170162
11141-16-5	Aroclor-1232	18.4	U	1	4.00	18.4	ug/kg	10/20/25 15:15	PB170162
53469-21-9	Aroclor-1242	18.4	U	1	4.30	18.4	ug/kg	10/20/25 15:15	PB170162
12672-29-6	Aroclor-1248	18.4	U	1	6.40	18.4	ug/kg	10/20/25 15:15	PB170162
11097-69-1	Aroclor-1254	18.4	U	1	3.50	18.4	ug/kg	10/20/25 15:15	PB170162
37324-23-5	Aroclor-1262	18.4	U	1	5.40	18.4	ug/kg	10/20/25 15:15	PB170162
11100-14-4	Aroclor-1268	18.4	U	1	3.90	18.4	ug/kg	10/20/25 15:15	PB170162
11096-82-5	Aroclor-1260	184		1	3.50	18.4	ug/kg	10/20/25 15:15	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.0			32 - 144	140%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.4			32 - 175	112%	SPK: 20		

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Report of Analysis

Client:	AECOM		Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/17/25
Client Sample ID:	OR-03-101725MSD		SDG No.:	Q3375
Lab Sample ID:	Q3383-01MSD		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	92
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/20/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	244		1	4.30	18.4	ug/kg	10/20/25 15:31	PB170162
11104-28-2	Aroclor-1221	18.4	U	1	4.40	18.4	ug/kg	10/20/25 15:31	PB170162
11141-16-5	Aroclor-1232	18.4	U	1	4.00	18.4	ug/kg	10/20/25 15:31	PB170162
53469-21-9	Aroclor-1242	18.4	U	1	4.30	18.4	ug/kg	10/20/25 15:31	PB170162
12672-29-6	Aroclor-1248	18.4	U	1	6.40	18.4	ug/kg	10/20/25 15:31	PB170162
11097-69-1	Aroclor-1254	18.4	U	1	3.50	18.4	ug/kg	10/20/25 15:31	PB170162
37324-23-5	Aroclor-1262	18.4	U	1	5.40	18.4	ug/kg	10/20/25 15:31	PB170162
11100-14-4	Aroclor-1268	18.4	U	1	3.90	18.4	ug/kg	10/20/25 15:31	PB170162
11096-82-5	Aroclor-1260	177		1	3.50	18.4	ug/kg	10/20/25 15:31	PB170162
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.4			32 - 144	142%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.8			32 - 175	109%	SPK: 20		

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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