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Hit Summary Sheet
SW-846

SDG No.:	Q2646	Order ID:	Q2646
Client:	Environmental Restoration, LLC	Project ID:	North Arlington, NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
Total Concentration:				0.000				



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/18/25	
Project:	North Arlington, NJ		Date Received:	07/18/25	
Client Sample ID:	FRAC TANK		SDG No.:	Q2646	
Lab Sample ID:	Q2646-01		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	840	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112405.D	1	07/22/25 12:05	07/23/25 01:27	PB168957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.12	U	0.12	0.60	ug/L
11104-28-2	Aroclor-1221	0.15	U	0.15	0.60	ug/L
11141-16-5	Aroclor-1232	0.11	U	0.11	0.60	ug/L
53469-21-9	Aroclor-1242	0.14	U	0.14	0.60	ug/L
12672-29-6	Aroclor-1248	0.085	U	0.085	0.60	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.60	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.60	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.60	ug/L
11096-82-5	Aroclor-1260	0.096	U	0.096	0.60	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.6		30 (30) - 150 (173)	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.51		30 (10) - 150 (173)	43%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO112087.D	PIBLK-PO112087.D	Tetrachloro-m-xyl	1	20	19.4	97		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.8	94		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	20.0	100		70 (60)	130 (140)
		Decachlorobiphen	2	20	19.3	97		70 (60)	130 (140)
I.BLK-PO112400.D	PIBLK-PO112400.D	Tetrachloro-m-xyl	1	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.2	91		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.5	88		70 (60)	130 (140)
PB168957BL	PB168957BL	Tetrachloro-m-xyl	1	20	22.9	114		30 (30)	150 (173)
		Decachlorobiphen	1	20	20.3	101		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	21.1	106		30 (30)	150 (173)
		Decachlorobiphen	2	20	19.4	97		30 (10)	150 (173)
PB168957BS	PB168957BS	Tetrachloro-m-xyl	1	20	23.9	119		30 (30)	150 (173)
		Decachlorobiphen	1	20	20.4	102		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	21.8	109		30 (30)	150 (173)
		Decachlorobiphen	2	20	19.5	98		30 (10)	150 (173)
PB168957BSD	PB168957BSD	Tetrachloro-m-xyl	1	20	25.2	126		30 (30)	150 (173)
		Decachlorobiphen	1	20	21.0	105		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	23.4	117		30 (30)	150 (173)
		Decachlorobiphen	2	20	20.2	101		30 (10)	150 (173)
Q2646-01	FRAC TANK	Tetrachloro-m-xyl	1	20	23.6	118		30 (30)	150 (173)
		Decachlorobiphen	1	20	7.24	36		30 (10)	150 (173)
		Tetrachloro-m-xyl	2	20	14.7	74		30 (30)	150 (173)
		Decachlorobiphen	2	20	8.51	43		30 (10)	150 (173)
I.BLK-PO112411.D	PIBLK-PO112411.D	Tetrachloro-m-xyl	1	20	24.5	122		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.4	92		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	22.9	114		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.6	93		70 (60)	130 (140)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PO112402.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168957BS (Column 1)	AR1016	5	4.80	ug/L	96				40 (77)	140 (107)	
	AR1260	5	4.20	ug/L	84				40 (66)	140 (113)	
PB168957BS (Column 2)	AR1016	5	4.40	ug/L	88				40 (77)	140 (107)	
	AR1260	5	4.20	ug/L	84				40 (66)	140 (113)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PO112403.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168957BSD (Column 1)	AR1016	5	5.10	ug/L	102	6			40 (77)	140 (107)	20 (20)
	AR1260	5	4.40	ug/L	88	5			40 (66)	140 (113)	20 (20)
PB168957BSD (Column 2)	AR1016	5	4.70	ug/L	94	7			40 (77)	140 (107)	20 (20)
	AR1260	5	4.50	ug/L	90	7			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168957BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB168957BL

Lab File ID: PO112401.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/22/2025

Date Analyzed (1): 07/23/2025

Date Analyzed (2): 07/23/2025

Time Analyzed (1): 00:14

Time Analyzed (2): 00:14

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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
PB168957BS	PB168957BS	PO112402.D	07/23/2025	07/23/2025
PB168957BSD	PB168957BSD	PO112403.D	07/23/2025	07/23/2025
FRAC TANK	Q2646-01	PO112405.D	07/23/2025	07/23/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168957BL	SDG No.:	Q2646
Lab Sample ID:	PB168957BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112401.D	1	07/22/25 12:05	07/23/25 00:14	PB168957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		30 (30) - 150 (173)	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		30 (10) - 150 (173)	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:	Environmental Restoration, LLC		Date Collected:	07/08/25	
Project:	North Arlington, NJ		Date Received:	07/08/25	
Client Sample ID:	PIBLK-PO112087.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PO112087.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112087.D	1		07/08/25	po070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		70 (60) - 130 (140)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		70 (60) - 130 (140)	94%	SPK: 20

Comments:

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Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/22/25	
Project:	North Arlington, NJ		Date Received:	07/22/25	
Client Sample ID:	PIBLK-PO112400.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PO112400.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112400.D	1		07/22/25	po072225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		70 (60) - 130 (140)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		70 (60) - 130 (140)	88%	SPK: 20

Comments:

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Report of Analysis

Client:	Environmental Restoration, LLC		Date Collected:	07/23/25	
Project:	North Arlington, NJ		Date Received:	07/23/25	
Client Sample ID:	PIBLK-PO112411.D		SDG No.:	Q2646	
Lab Sample ID:	I.BLK-PO112411.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112411.D	1		07/23/25	po072225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		70 (60) - 130 (140)	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		70 (60) - 130 (140)	92%	SPK: 20

Comments:

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168957BS	SDG No.:	Q2646
Lab Sample ID:	PB168957BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112402.D	1	07/22/25 12:05	07/23/25 00:32	PB168957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.80		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.20		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.9		30 (30) - 150 (173)	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		30 (10) - 150 (173)	102%	SPK: 20

Comments:

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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:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB168957BSD	SDG No.:	Q2646
Lab Sample ID:	PB168957BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112403.D	1	07/22/25 12:05	07/23/25 00:50	PB168957

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.10		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.50		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.2		30 (30) - 150 (173)	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		30 (10) - 150 (173)	105%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ENVI60</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2646</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>07/08/2025</u> <u>07/08/2025</u>
		Calibration Times:	<u>14:06</u> <u>22:16</u>

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

LAB FILE ID:	RT 1000 = <u>PO112088.D</u>	RT 750 = <u>PO112089.D</u>
RT 500 = <u>PO112090.D</u>	RT 250 = <u>PO112091.D</u>	RT 050 = <u>PO112092.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.83	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.95	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Aroclor-1260-3	(3)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
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		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1242-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.71	5.72	5.71	5.71	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
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	8.44	8.45	8.45	8.45	8.45	8.35	8.55

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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Contract: ENVI60

SDG NO.: Q2646

Calibration Date(s): **07/08/2025** **07/08/2025**

Calibration Times: 14:06 22:16

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID:		CF 1000 =	PO112088.D	CF 750 =	PO112089.D			
CF 500 =		PO112090.D	CF 250 =	PO112091.D	CF 050 =	PO112092.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	360742355	353411084	358608078	351811628	276040300	340122689	11
Aroclor-1016-2	(2)	524757576	513734579	527286258	524874328	395805960	497291740	11
Aroclor-1016-3	(3)	332829086	325012079	334990372	341827996	283910480	323714003	7
Aroclor-1016-4	(4)	267114546	263557440	269039266	265481824	218804880	256799591	8
Aroclor-1016-5	(5)	281257689	272140703	280446704	285989380	248475020	273661899	5
Aroclor-1260-1	(1)	515263930	514045125	524528068	524922328	427435480	501238986	8
Aroclor-1260-2	(2)	755458656	751801572	763083688	740918324	679411120	738134672	5
Aroclor-1260-3	(3)	672764264	679771911	697132702	647584436	580156380	655481939	7
Aroclor-1260-4	(4)	428461498	442815881	457502760	461118372	386340060	435247714	7
Aroclor-1260-5	(5)	1355306152	1333629501	1317199750	1298892100	1007658700	1262537241	11
Decachlorobiphenyl		7091695750	7147123880	7182630500	7285420480	5478354000	6837044922	11
Tetrachloro-m-xylene		10813397260	10474815627	10513291260	10183518000	7488479400	9894700309	14
Aroclor-1242-1	(1)	285009923	305769684	302587940	302628584	252187260	289636678	8
Aroclor-1242-2	(2)	424985528	451558340	449561854	447967952	355524300	425919595	10
Aroclor-1242-3	(3)	267327438	285181779	287377204	288451804	240089600	273685565	8
Aroclor-1242-4	(4)	217524144	232173980	231748124	232379948	212764400	225318119	4
Aroclor-1242-5	(5)	218416651	232437525	224522496	231546684	151431360	211670943	16
Decachlorobiphenyl		6979969120	7147406973	7161879360	7131310800	5658336400	6815780531	10
Tetrachloro-m-xylene		10047633560	10752033107	10538404740	10524037960	8582543200	10088930513	9
Aroclor-1248-1	(1)	231871262	227298380	227625104	251373404	196330000	226899630	9
Aroclor-1248-2	(2)	312226784	305819339	307255800	349605332	266719220	308325295	10
Aroclor-1248-3	(3)	394903515	391569029	392918442	459601740	397606080	407319761	7
Aroclor-1248-4	(4)	577144829	572571723	575557162	615211088	545252760	577147512	4
Aroclor-1248-5	(5)	391149352	391468967	390698366	435680552	342525360	390304519	8
Decachlorobiphenyl		7164669710	7172590053	7258610400	7568481440	5849763800	7002823081	10
Tetrachloro-m-xylene		10966260810	10668995880	10533016680	11674212280	8664104600	10501318050	11
Aroclor-1254-1	(1)	596387386	615301855	615556214	631197528	617123200	615113237	2
Aroclor-1254-2	(2)	526620849	541456496	538329150	552782544	519240660	535685940	2
Aroclor-1254-3	(3)	832372124	848375105	844598876	861920200	810621920	839577645	2
Aroclor-1254-4	(4)	488348458	550588549	528046518	514011204	324098800	481018706	19
Aroclor-1254-5	(5)	772769124	785953607	791521408	805117428	714377600	773947833	5
Decachlorobiphenyl		7313218520	7363897040	7524909560	7619539480	6511414600	7266595840	6
Tetrachloro-m-xylene		10817495530	10970019693	10749863260	10915129200	9106609200	10511823377	8
Aroclor-1268-1	(1)	1933697823	1961714709	1933333182	1889919492	1468606580	1837454357	11

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1621310763	1652283559	1624883286	1597201648	1292350600	1557605971	10
Aroclor-1268-3	(3)	1337748865	1359325231	1351894922	1337301304	1112111800	1299676424	8
Aroclor-1268-4	(4)	501678112	499381901	514040784	510400332	376538760	480407978	12
Aroclor-1268-5	(5)	3474681887	3495352783	3443761070	3349732680	2555042300	3263714144	12
Decachlorobiphenyl		13779789610	14010961973	13831208240	13686235720	10617540000	13185147109	11
Tetrachloro-m-xylene		10828416470	10960168653	10714217600	10397619080	7773509600	10134786281	13

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ENVI60
SDG NO.: Q2646

Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID:		CF 1000 = <u>PO112088.D</u>		CF 750 = <u>PO112089.D</u>			
CF 500 = <u>PO112090.D</u>		CF 250 = <u>PO112091.D</u>		CF 050 = <u>PO112092.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	224689947	221197589	229855740	235435032	202993580	222834378
Aroclor-1016-2	(2)	333676696	332964816	340716574	344871116	293258760	329097592
Aroclor-1016-3	(3)	173220389	172286476	177510406	175323720	150993180	169866834
Aroclor-1016-4	(4)	133548654	134722825	140696304	141544972	135624760	137227503
Aroclor-1016-5	(5)	172958737	175867975	183374190	179483264	150567480	172450329
Aroclor-1260-1	(1)	273966572	275587577	284396370	318959696	249900320	280562107
Aroclor-1260-2	(2)	339471861	339883185	345098816	366340024	309189580	339996693
Aroclor-1260-3	(3)	285079531	283131084	293155536	294803628	221760800	275586116
Aroclor-1260-4	(4)	190320237	194370733	203166394	219087436	196280140	200644988
Aroclor-1260-5	(5)	439428363	448516680	455912584	483251276	411533840	447728549
Decachlorobiphenyl		1708564380	1754251880	1790007560	1862375960	1502102800	1723460516
Tetrachloro-m-xylene		6849689250	6688775747	6823852720	6660365320	4832613200	6371059247
Aroclor-1242-1	(1)	180558203	194276476	196154442	205920884	192381760	193858353
Aroclor-1242-2	(2)	267145812	285888559	288791934	297310352	277625120	283352355
Aroclor-1242-3	(3)	139388587	149896708	150012144	154353128	134735720	145677257
Aroclor-1242-4	(4)	132647733	142511831	143624204	149839712	140580100	141840716
Aroclor-1242-5	(5)	169256952	182077477	187071418	199409696	170855060	181734121
Decachlorobiphenyl		1694985930	1765973813	1799728340	1866433600	1579982000	1741420737
Tetrachloro-m-xylene		6408694870	6872035667	6730718280	6766792760	5539281400	6463504595
Aroclor-1248-1	(1)	148373409	146783767	149637550	173598112	153448100	154368188
Aroclor-1248-2	(2)	200165378	198242231	203122858	230241332	197066700	205767700
Aroclor-1248-3	(3)	210851108	208337667	212783398	242780584	199239520	214798455
Aroclor-1248-4	(4)	249491134	246252407	253519016	297759984	246611360	258726780
Aroclor-1248-5	(5)	244390847	243395885	250986596	299503676	214470400	250549481
Decachlorobiphenyl		1741004980	1773180160	1834926600	1999524800	1593214800	1788370268
Tetrachloro-m-xylene		6922029440	6722968493	6653358760	7457216520	5595884000	6670291443
Aroclor-1254-1	(1)	358701312	372366800	376618238	404921504	393233780	381168327
Aroclor-1254-2	(2)	309319461	318506233	325963420	350344944	354921460	331811104
Aroclor-1254-3	(3)	457035033	473473401	470706516	496812748	512186320	482042804
Aroclor-1254-4	(4)	242702235	264458053	264466114	273730492	258116740	260694727
Aroclor-1254-5	(5)	340856875	348898753	356048528	374047448	361929480	356356217
Decachlorobiphenyl		1762037980	1801047667	1852268780	1914979680	1705564000	1807179621
Tetrachloro-m-xylene		6812677640	6946187027	6790686340	6873927640	5937916200	6672278969
Aroclor-1268-1	(1)	486556055	496283868	499490630	514433332	460511800	491455137

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	414074889	422901423	425132138	438633692	385189960	417186420	5
Aroclor-1268-3	(3)	309607188	317937561	322370012	335163612	296865480	316388771	5
Aroclor-1268-4	(4)	111375490	114260995	115590378	117536984	98796160	111512001	7
Aroclor-1268-5	(5)	736492551	750146037	748798464	755249104	641904560	726518143	7
Decachlorobiphenyl		3139191470	3230861547	3253774420	3306379000	2721463200	3130333927	8
Tetrachloro-m-xylene		6732535870	6829120120	6762174400	6573365120	5117275800	6402894262	11

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.88	3.78	3.98	116614000
		2	3.97	3.87	4.07	78840600
		3	4.05	3.95	4.15	269582000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	214668000
		2	4.54	4.44	4.64	113637000
		3	4.78	4.68	4.88	229008000
		4	4.96	4.86	5.06	114297000
		5	5.00	4.90	5.10	73400200
Aroclor-1262	500	1	6.81	6.71	6.91	1021690000
		2	7.31	7.21	7.41	1639370000
		3	7.59	7.49	7.69	641976000
		4	7.66	7.56	7.76	1071430000
		5	8.15	8.05	8.25	448140000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

Instrument ID: ECD_O Date(s) Analyzed: 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.88	3.78	3.98	82295000
		2	3.96	3.86	4.06	59353600
		3	4.04	3.94	4.14	188777000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	150099000
		2	4.76	4.66	4.86	153086000
		3	4.94	4.84	5.04	75506000
		4	5.02	4.92	5.12	65988200
		5	5.19	5.09	5.29	74260000
Aroclor-1262	500	1	6.77	6.67	6.87	407320000
		2	7.27	7.17	7.37	512548000
		3	7.55	7.45	7.65	179524000
		4	7.62	7.52	7.72	290920000
		5	8.11	8.01	8.21	105784000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/22/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 22:05

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.30	7.31	7.21	7.41	0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/22/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 22:05

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.97	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.55	6.58	6.48	6.68	0.03
Aroclor-1260-4	(4)	7.02	7.05	6.95	7.15	0.03
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.64	8.67	8.57	8.77	0.03

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112396.D **Time Analyzed:** 22:05

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.757	4.661	4.861	502.730	500.000	0.5
Aroclor-1016-2	4.776	4.680	4.880	503.830	500.000	0.8
Aroclor-1016-3	4.832	4.736	4.936	492.930	500.000	-1.4
Aroclor-1016-4	4.952	4.856	5.056	497.900	500.000	-0.4
Aroclor-1016-5	5.209	5.113	5.313	543.660	500.000	8.7
Aroclor-1260-1	6.246	6.151	6.351	475.920	500.000	-4.8
Aroclor-1260-2	6.436	6.341	6.541	482.330	500.000	-3.5
Aroclor-1260-3	6.802	6.707	6.907	482.820	500.000	-3.4
Aroclor-1260-4	7.061	6.967	7.167	499.400	500.000	-0.1
Aroclor-1260-5	7.304	7.209	7.409	492.720	500.000	-1.5
Decachlorobiphenyl	8.695	8.603	8.803	49.860	50.000	-0.3
Tetrachloro-m-xylene	3.670	3.573	3.773	54.520	50.000	9.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/22/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112396.D **Time Analyzed:** 22:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.738	4.661	4.861	430.080	500.000	-14.0
Aroclor-1016-2	4.756	4.679	4.879	458.520	500.000	-8.3
Aroclor-1016-3	4.931	4.854	5.054	457.570	500.000	-8.5
Aroclor-1016-4	4.974	4.897	5.097	451.460	500.000	-9.7
Aroclor-1016-5	5.186	5.109	5.309	500.960	500.000	0.2
Aroclor-1260-1	6.215	6.138	6.338	467.980	500.000	-6.4
Aroclor-1260-2	6.403	6.326	6.526	489.800	500.000	-2.0
Aroclor-1260-3	6.554	6.478	6.678	483.920	500.000	-3.2
Aroclor-1260-4	7.024	6.948	7.148	454.700	500.000	-9.1
Aroclor-1260-5	7.266	7.190	7.390	472.510	500.000	-5.5
Decachlorobiphenyl	8.642	8.568	8.768	46.870	50.000	-6.3
Tetrachloro-m-xylene	3.663	3.584	3.784	49.510	50.000	-1.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/23/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 04:12

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.44	6.34	6.54	0.01
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.30	7.31	7.21	7.41	0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.70	8.60	8.80	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/23/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 04:12

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.75	4.78	4.68	4.88	0.03
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.97	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.18	5.21	5.11	5.31	0.03
Aroclor-1260-1	(1)	6.21	6.24	6.14	6.34	0.03
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.55	6.58	6.48	6.68	0.03
Aroclor-1260-4	(4)	7.02	7.05	6.95	7.15	0.03
Aroclor-1260-5	(5)	7.26	7.29	7.19	7.39	0.03
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.64	8.67	8.57	8.77	0.03

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112410.D **Time Analyzed:** 04:12

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.753	4.661	4.861	510.700	500.000	2.1
Aroclor-1016-2	4.772	4.680	4.880	515.460	500.000	3.1
Aroclor-1016-3	4.829	4.736	4.936	513.700	500.000	2.7
Aroclor-1016-4	4.949	4.856	5.056	527.620	500.000	5.5
Aroclor-1016-5	5.206	5.113	5.313	433.090	500.000	-13.4
Aroclor-1260-1	6.243	6.151	6.351	437.650	500.000	-12.5
Aroclor-1260-2	6.432	6.341	6.541	464.600	500.000	-7.1
Aroclor-1260-3	6.798	6.707	6.907	415.110	500.000	-17.0
Aroclor-1260-4	7.058	6.967	7.167	441.550	500.000	-11.7
Aroclor-1260-5	7.300	7.209	7.409	415.340	500.000	-16.9
Decachlorobiphenyl	8.692	8.603	8.803	38.770	50.000	-22.5
Tetrachloro-m-xylene	3.668	3.573	3.773	54.490	50.000	9.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/23/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112410.D **Time Analyzed:** 04:12

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.736	4.661	4.861	466.220	500.000	-6.8
Aroclor-1016-2	4.754	4.679	4.879	467.910	500.000	-6.4
Aroclor-1016-3	4.929	4.854	5.054	481.890	500.000	-3.6
Aroclor-1016-4	4.974	4.897	5.097	357.030	500.000	-28.6
Aroclor-1016-5	5.184	5.109	5.309	447.580	500.000	-10.5
Aroclor-1260-1	6.212	6.138	6.338	438.580	500.000	-12.3
Aroclor-1260-2	6.400	6.326	6.526	485.090	500.000	-3.0
Aroclor-1260-3	6.552	6.478	6.678	448.230	500.000	-10.4
Aroclor-1260-4	7.022	6.948	7.148	406.170	500.000	-18.8
Aroclor-1260-5	7.264	7.190	7.390	393.210	500.000	-21.4
Decachlorobiphenyl	8.639	8.568	8.768	39.000	50.000	-22.0
Tetrachloro-m-xylene	3.662	3.584	3.784	50.260	50.000	0.5

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/08/2025 07/08/2025

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	07/08/2025	13:49	PO112087.D	8.70	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.70	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.70	3.67
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.70	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.70	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.70	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.70	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.70	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.70	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.70	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.70	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.70	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.70	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.70	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.70	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.70	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.70	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.70	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.70	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.70	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/22/2025	22:05	PO112396.D	8.70	3.67
IBLK	IBLK	07/22/2025	23:55	PO112400.D	8.70	3.67
PB168957BL	PB168957BL	07/23/2025	00:14	PO112401.D	8.70	3.67
PB168957BS	PB168957BS	07/23/2025	00:32	PO112402.D	8.70	3.67
PB168957BSD	PB168957BSD	07/23/2025	00:50	PO112403.D	8.69	3.67
FRAC TANK	Q2646-01	07/23/2025	01:27	PO112405.D	8.69	3.67
AR1660CCC500	AR1660CCC500	07/23/2025	04:12	PO112410.D	8.69	3.67
IBLK	IBLK	07/23/2025	05:43	PO112411.D	8.69	3.67

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/08/2025 07/08/2025

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	07/08/2025	13:49	PO112087.D	8.65	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.65	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.65	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.67	3.68
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.65	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.65	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.65	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.65	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.65	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.65	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.65	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.65	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.65	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.65	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.65	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.65	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.65	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.65	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.65	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.65	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.65	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.65	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.65	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.65	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.65	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.65	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.65	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.65	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/22/2025	22:05	PO112396.D	8.64	3.66
IBLK	IBLK	07/22/2025	23:55	PO112400.D	8.64	3.66
PB168957BL	PB168957BL	07/23/2025	00:14	PO112401.D	8.64	3.66
PB168957BS	PB168957BS	07/23/2025	00:32	PO112402.D	8.64	3.66
PB168957BSD	PB168957BSD	07/23/2025	00:50	PO112403.D	8.64	3.66
FRAC TANK	Q2646-01	07/23/2025	01:27	PO112405.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/23/2025	04:12	PO112410.D	8.64	3.66
IBLK	IBLK	07/23/2025	05:43	PO112411.D	8.64	3.66

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168957BS

Lab Name: Alliance
Lab Code: ACE
Lab Sample ID: PB168957BS
Instrument ID (1): ECD_O

Contract: ENVI60
SDG NO.: Q2646
Date(s) Analyzed: 07/23/2025 07/23/2025
Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)
Data file PO112402.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.756	4.706	4.806	4.88	4.80	8.7
COLUMN 1	2	4.775	4.725	4.825	4.94		
	3	4.831	4.781	4.881	4.77		
	4	4.952	4.902	5.002	4.88		
	5	5.208	5.158	5.258	4.57		
COLUMN 2	1	4.737	4.687	4.787	4.27	4.40	
	2	4.756	4.706	4.806	4.43		
	3	4.931	4.881	4.981	4.53		
	4	4.973	4.923	5.023	4.48		
	5	5.185	5.135	5.235	4.48		
Aroclor-1260	1	6.245	6.195	6.295	4.59	4.20	0
COLUMN 1	2	6.435	6.385	6.485	4.51		
	3	6.801	6.751	6.851	3.81		
	4	7.06	7.01	7.11	4.17		
	5	7.303	7.253	7.353	3.83		
COLUMN 2	1	6.214	6.164	6.264	4.58	4.20	
	2	6.402	6.352	6.452	4.59		
	3	6.553	6.503	6.603	4.60		
	4	7.023	6.973	7.073	3.77		
	5	7.265	7.215	7.315	3.56		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168957BSD

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB168957BSD

Date(s) Analyzed: 07/23/2025 07/23/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO112403.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.756	4.706	4.806	5.21	5.10	8.16
COLUMN 1	2	4.775	4.725	4.825	5.30		
	3	4.832	4.782	4.882	5.12		
	4	4.952	4.902	5.002	5.19		
	5	5.209	5.159	5.259	4.91		
	1	4.738	4.688	4.788	4.73		
COLUMN 2	2	4.756	4.706	4.806	4.61	4.70	
	3	4.931	4.881	4.981	4.83		
	4	4.974	4.924	5.024	4.74		
	5	5.185	5.135	5.235	4.74		
Aroclor-1260	1	6.245	6.195	6.295	4.91	4.40	2.25
COLUMN 1	2	6.435	6.385	6.485	4.81		
	3	6.801	6.751	6.851	4.05		
	4	7.06	7.01	7.11	4.43		
	5	7.304	7.254	7.354	4.04		
	1	6.214	6.164	6.264	4.89		
COLUMN 2	2	6.402	6.352	6.452	4.89	4.50	
	3	6.554	6.504	6.604	4.97		
	4	7.023	6.973	7.073	3.94		
	5	7.265	7.215	7.315	3.81		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072225\
 Data File : PO112405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 01:27
 Operator : YP/AJ
 Sample : Q2646-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FRAC TANK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 04:31:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 22 09:14:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.673	3.664	233.6E6	93843944	23.607m	14.730m#
2) SA Decachlor...	8.693	8.639	49513711	14669019	7.242	8.511m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072225\
Data File : P0112405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 01:27
Operator : YP/AJ
Sample : Q2646-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

FRAC TANK

Manual Integrations

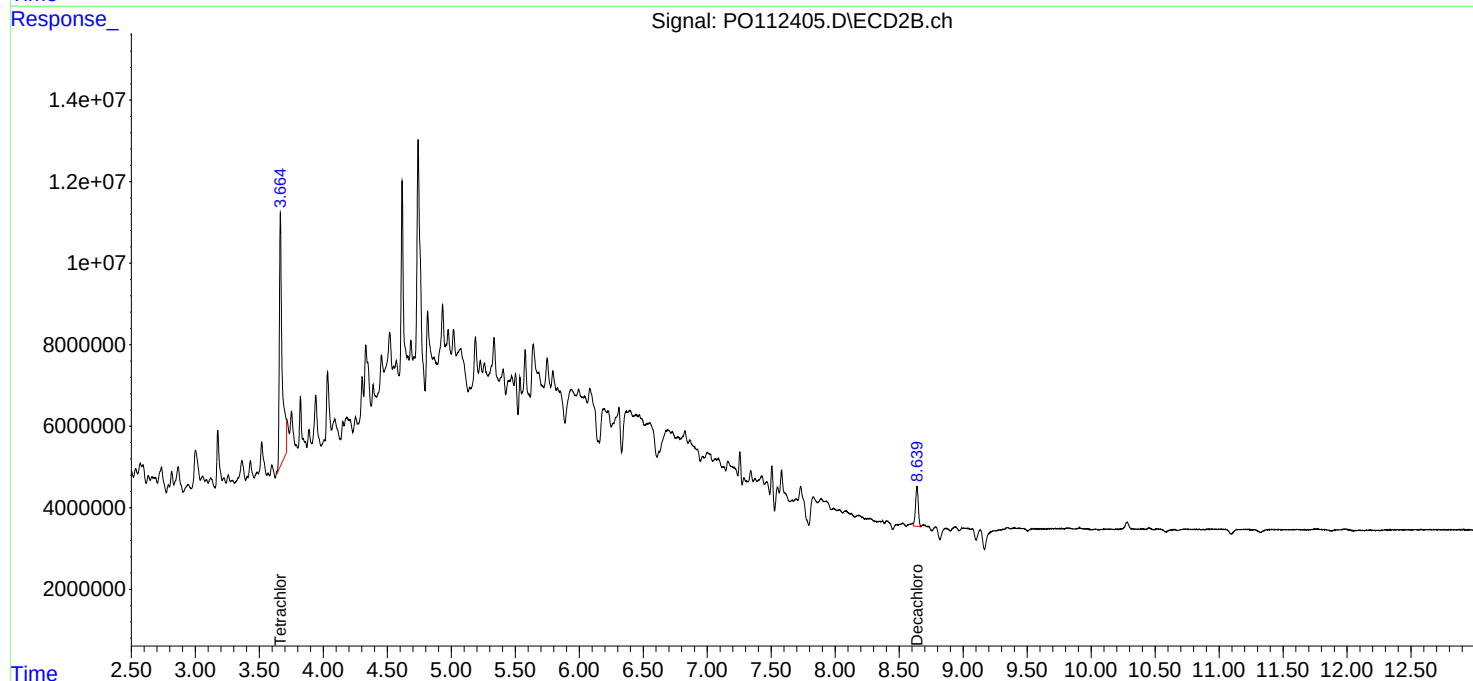
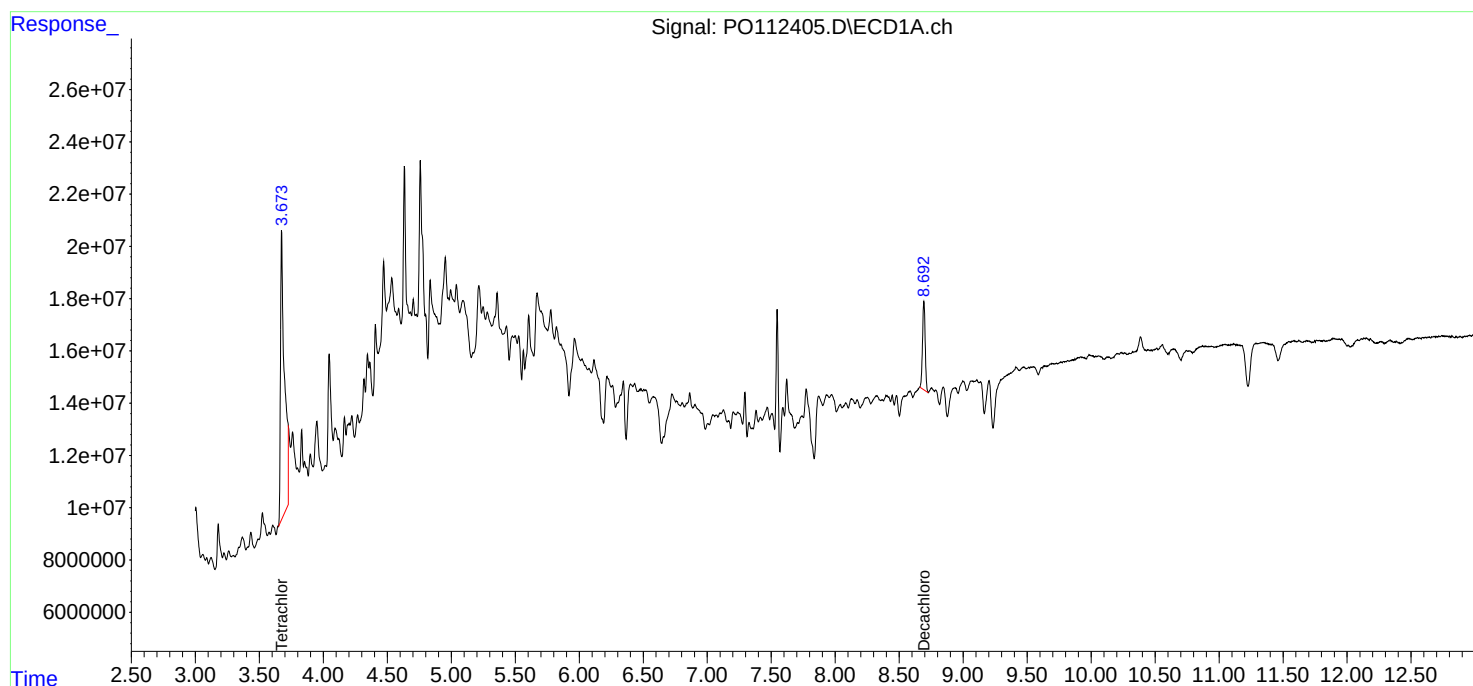
APPROVED

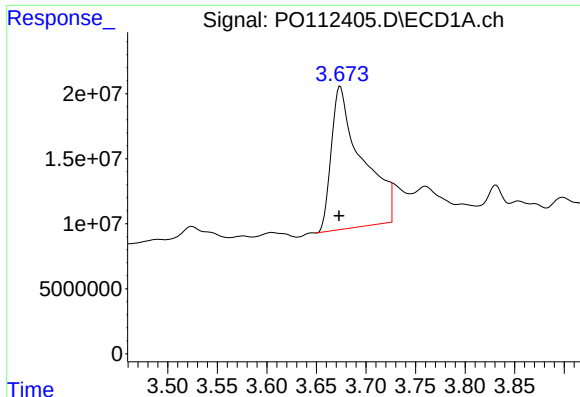
Reviewed By :Yogesh Patel 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 04:31:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 233585087
Conc: 23.61 ng/ml

Instrument :

ECD_O

ClientSampleId :

FRAC TANK

Manual Integrations

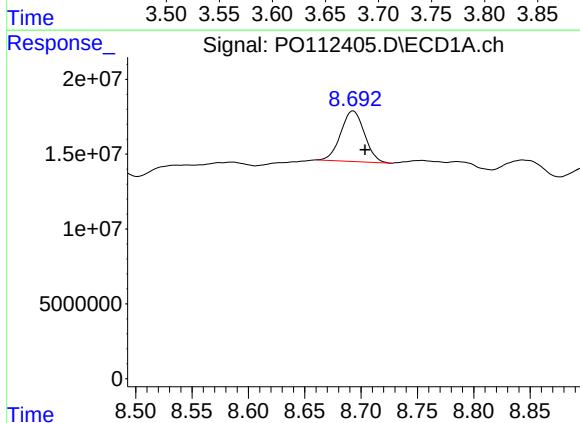
APPROVED

Reviewed By :Yogesh Patel 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.020 min
Response: 93843944
Conc: 14.73 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: -0.010 min
Response: 49513711
Conc: 7.24 ng/ml

#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.029 min
Response: 14669019
Conc: 8.51 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072225\
 Data File : PO112401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 00:14
 Operator : YP/AJ
 Sample : PB168957BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168957BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:59:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 22 09:14:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.670	3.663	226.5E6	134.7E6	22.891	21.139
2) SA Decachlor...	8.695	8.641	138.7E6	33505442	20.282	19.441m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 00:14
Operator : YP/AJ
Sample : PB168957BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB168957BL

Manual Integrations

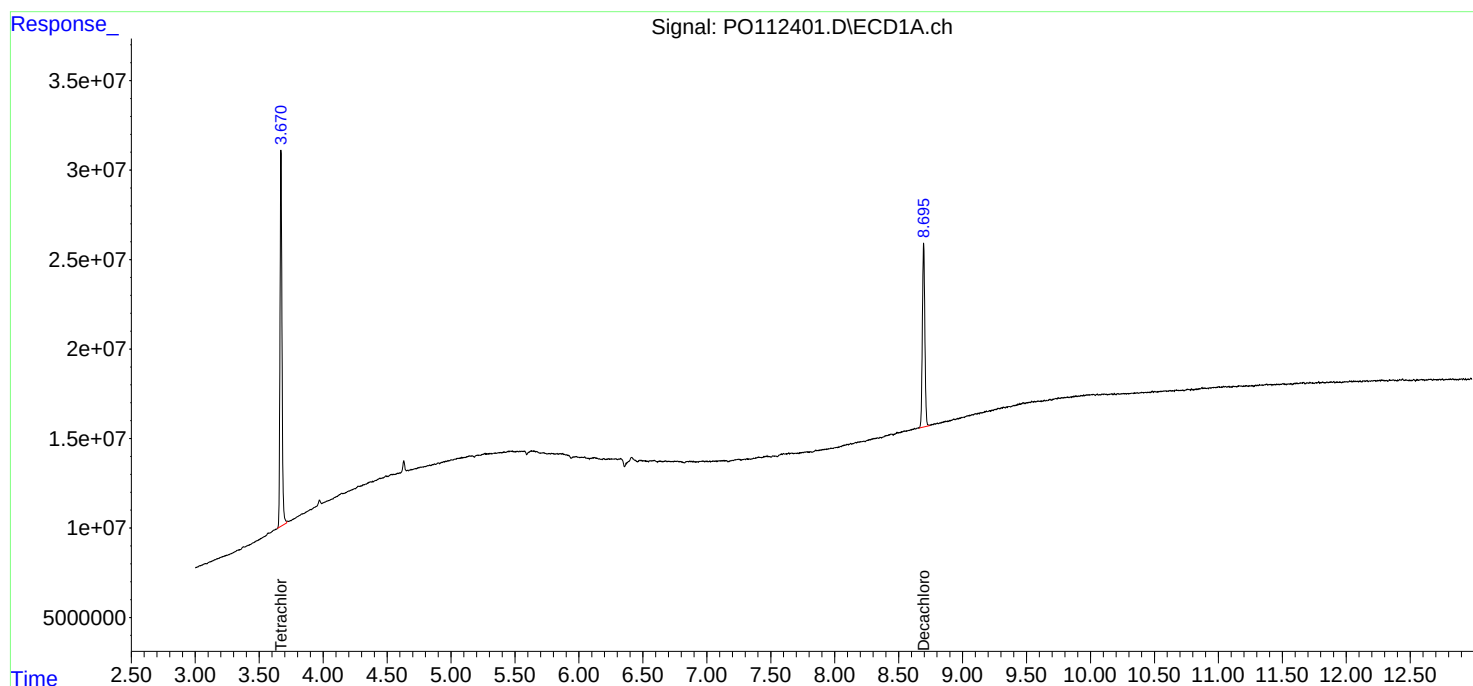
APPROVED

Reviewed By :Yogesh Patel 07/23/2025

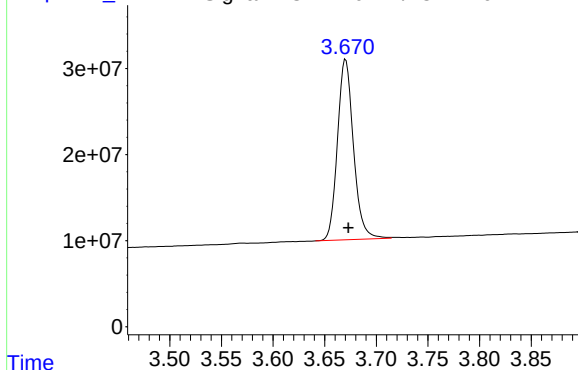
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PO112401.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 226500473
Conc: 22.89 ng/ml

Instrument :

ECD_O

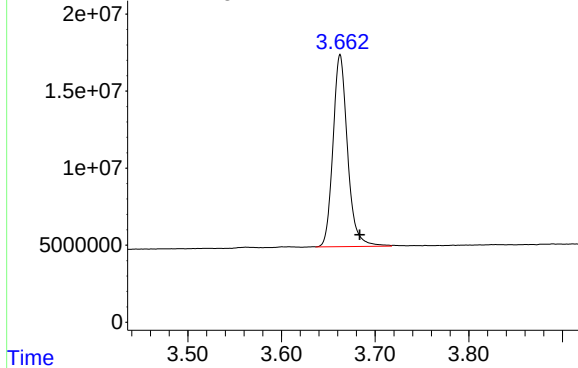
ClientSampleId :

PB168957BL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

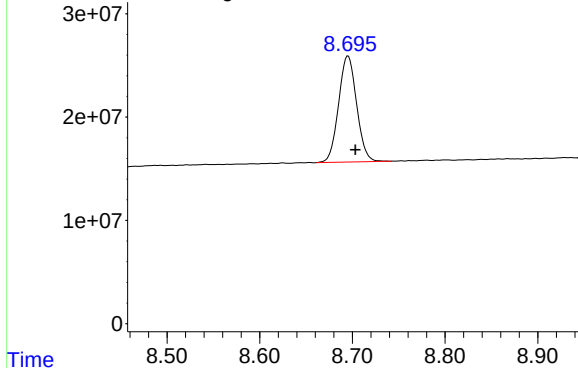
Time Response_ Signal: PO112401.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.021 min
Response: 134680146
Conc: 21.14 ng/ml

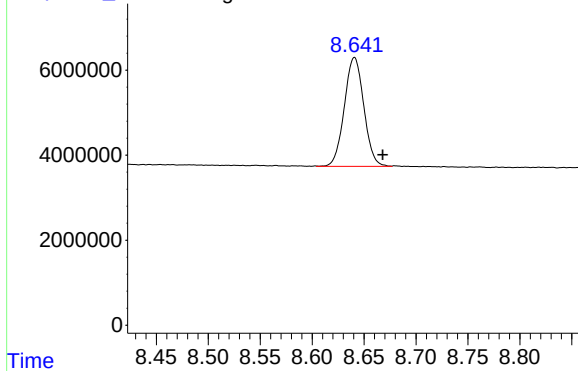
Time Response_ Signal: PO112401.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 138666113
Conc: 20.28 ng/ml

Time Response_ Signal: PO112401.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 33505442
Conc: 19.44 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072225\
 Data File : PO112402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 00:32
 Operator : YP/AJ
 Sample : PB168957BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB168957BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 02:00:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 22 09:14:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.670	3.662	236.1E6	138.6E6	23.857	21.760m
2) SA Decachlor...	8.696	8.642	139.2E6	33660504	20.354	19.531
Target Compounds						
3) L1 AR-1016-1	4.756	4.737	165.9E6	95256652	487.679	427.477m
4) L1 AR-1016-2	4.775	4.756	245.8E6	145.7E6	494.368	442.666m
5) L1 AR-1016-3	4.831	4.931	154.4E6	76944047	476.841	452.967m
6) L1 AR-1016-4	4.952	4.973	125.4E6	61494347	488.173	448.120m
7) L1 AR-1016-5	5.208	5.185	125.0E6	77228910	456.659	447.833m
31) L7 AR-1260-1	6.245	6.214	230.0E6	128.5E6	458.926	458.135
32) L7 AR-1260-2	6.435	6.402	332.7E6	156.2E6	450.720	459.361
33) L7 AR-1260-3	6.801	6.553	250.0E6	126.7E6	381.394	459.667m
34) L7 AR-1260-4	7.060	7.023	181.7E6	75714560	417.363	377.356m
35) L7 AR-1260-5	7.303	7.265	483.4E6	159.3E6	382.888	355.735

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 00:32
Operator : YP/AJ
Sample : PB168957BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB168957BS

Manual Integrations

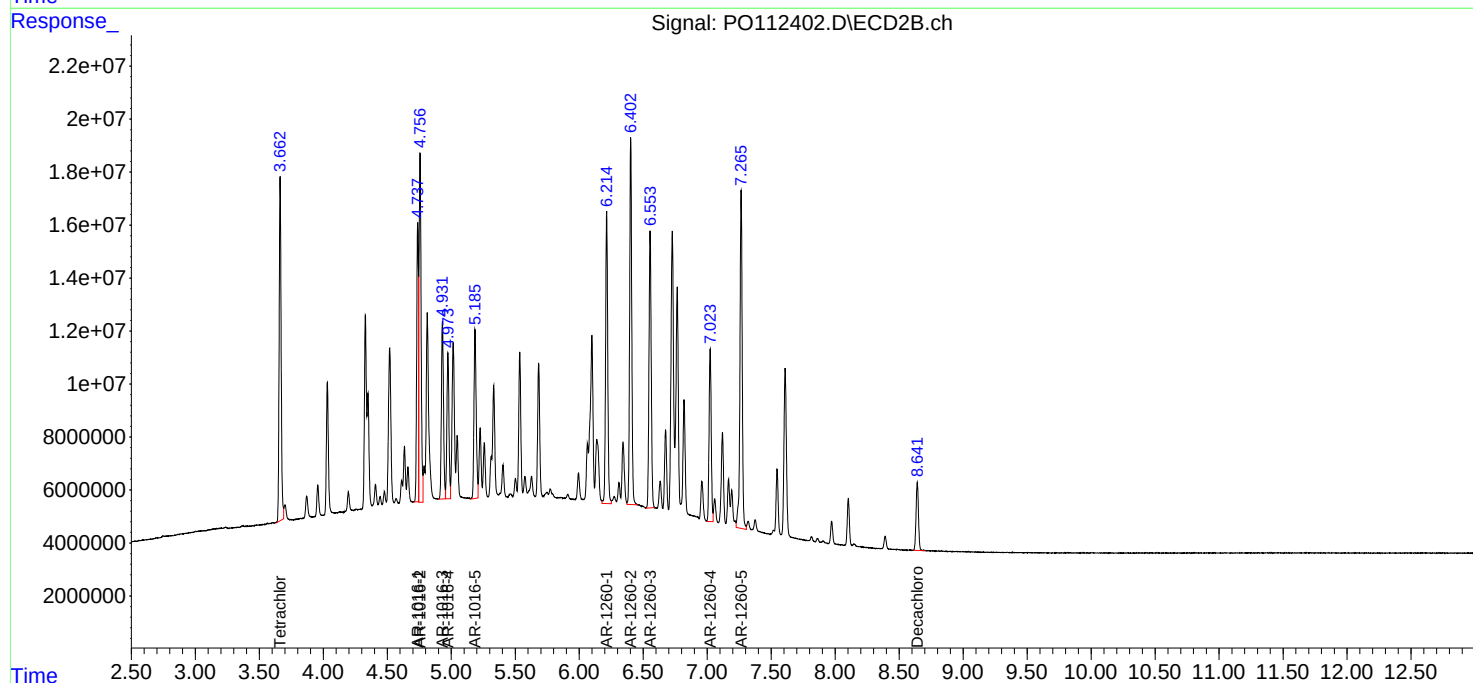
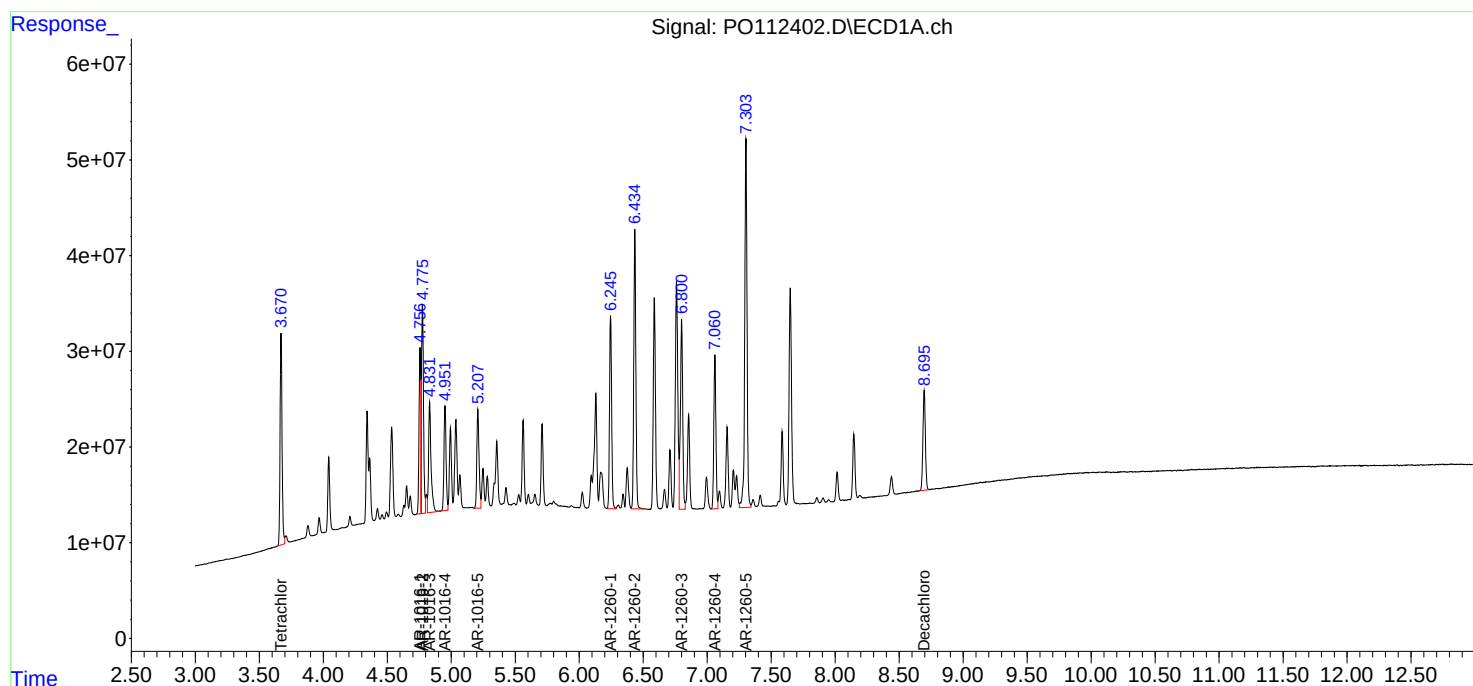
APPROVED

Reviewed By :Yogesh Patel 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 02:00:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072225\
 Data File : PO112403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 00:50
 Operator : YP/AJ
 Sample : PB168957BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168957BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
 Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 02:00:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 22 09:14:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.670	3.662	249.2E6	149.2E6	25.186	23.417m
2)	SA Decachlor...	8.694	8.641	143.6E6	34837314	21.007	20.214m
Target Compounds							
3)	L1 AR-1016-1	4.756	4.738	177.1E6	105.3E6	520.683	472.762m
4)	L1 AR-1016-2	4.775	4.756	263.6E6	151.6E6	530.062	460.663m
5)	L1 AR-1016-3	4.832	4.931	165.8E6	82011445	512.290	482.798m
6)	L1 AR-1016-4	4.952	4.974	133.2E6	65102659	518.786	474.414m
7)	L1 AR-1016-5	5.209	5.185	134.4E6	81727587	491.019	473.920m
31)	L7 AR-1260-1	6.245	6.214	246.2E6	137.3E6	491.207	489.360
32)	L7 AR-1260-2	6.435	6.402	355.4E6	166.4E6	481.465	489.377
33)	L7 AR-1260-3	6.801	6.554	265.8E6	137.0E6	405.476	497.057m
34)	L7 AR-1260-4	7.060	7.023	192.7E6	79083807	442.625	394.148m
35)	L7 AR-1260-5	7.304	7.265	509.9E6	170.7E6	403.859	381.257

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 00:50
Operator : YP/AJ
Sample : PB168957BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

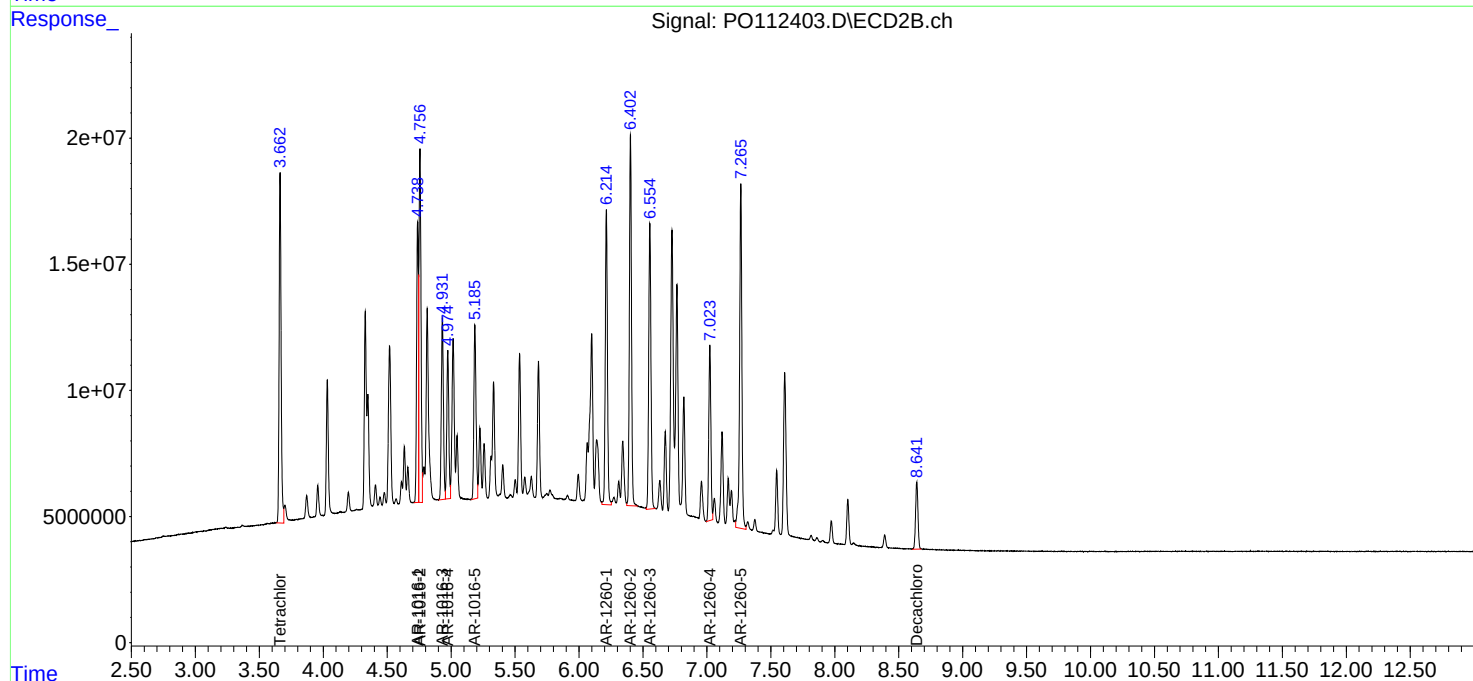
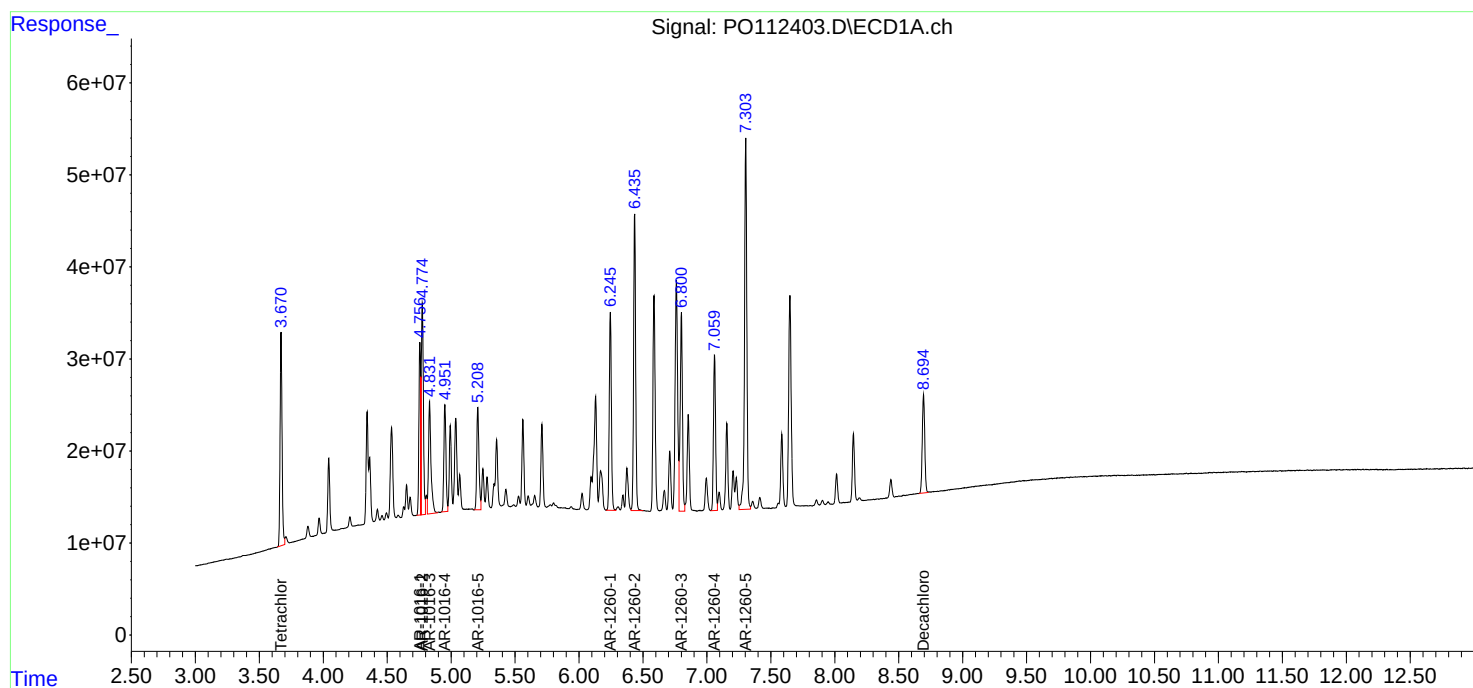
Instrument :
ECD_O
ClientSampleId :
PB168957BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 02:00:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PO112088.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-4 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-5 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-1	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112091.D	AR-1260-2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-4	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-5	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1016-5	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO112099.D	AR-1242-5	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1242ICC050	PO112099.D	AR-1242-5 #2	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-4 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-5 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-1 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-2 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-4	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC1000	PO112111.D	AR-1268-4	yogesh	7/9/2025 7:27:32 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-1	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-3	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-1 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-2 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software



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

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PO070825ICV500	PO112116.D	AR-1260-4 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112366.D	AR-1016-1 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-2 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-3 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-4 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-5 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1260-3 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1260-4 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112367.D	AR-1242-1 #2	yogesh	7/23/2025 8:13:46 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1248CCC500	PO112368.D	AR-1248-1 #2	yogesh	7/23/2025 8:13:48 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112369.D	AR-1254-1	yogesh	7/23/2025 8:13:49 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-1 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-2 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112381.D	AR-1016-3 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-4 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-5 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1260-3 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1260-4 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112382.D	AR-1242-1 #2	yogesh	7/23/2025 11:47:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112382.D	AR-1242-2 #2	yogesh	7/23/2025 11:47:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1248CCC500	PO112383.D	AR-1248-1 #2	yogesh	7/23/2025 11:47:16 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112384.D	AR-1254-1	yogesh	7/23/2025 11:47:14 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112384.D	AR-1254-4	yogesh	7/23/2025 11:47:14 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-1 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-2 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-3 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:

po072225

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112396.D	AR-1016-4 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-5 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1260-3 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1260-4 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-1 #2	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-2 #2	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-5	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	Tetrachloro-m-xylene	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1248CCC500	PO112398.D	AR-1248-1 #2	yogesh	7/23/2025 11:46:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112399.D	AR-1254-1	yogesh	7/23/2025 8:32:44 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112399.D	AR-1254-2	yogesh	7/23/2025 8:32:44 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
I.BLK	PO112400.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:32:46 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BL	PO112401.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:32:48 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168957BS	PO112402.D	AR-1016-1 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1016-2 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1016-3 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1016-4 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1016-5 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1260-3 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	AR-1260-4 #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BS	PO112402.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 11:46:15 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1016-1 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1016-2 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1016-3 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1016-4 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1016-5 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168957BSD	PO112403.D	AR-1260-3 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	AR-1260-4 #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	Decachlorobiphenyl #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168957BSD	PO112403.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 11:46:13 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2646-01	PO112405.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:33:00 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2646-01	PO112405.D	Tetrachloro-m-xylene	yogesh	7/23/2025 8:33:00 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2646-01	PO112405.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 8:33:00 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-1 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-2 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-3 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-4 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-5	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC50 0	PO112410.D	AR-1016-5 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:

po072225

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112410.D	AR-1260-1 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-2 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-3 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-4 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
I.BLK	PO112411.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:33:10 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344, PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359, PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112086.D	08 Jul 2025 13:32	YP/AJ	Ok
2	I.BLK	PO112087.D	08 Jul 2025 13:49	YP/AJ	Ok
3	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06	YP/AJ	Ok,M
4	AR1660ICC750	PO112089.D	08 Jul 2025 14:25	YP/AJ	Ok,M
5	AR1660ICC500	PO112090.D	08 Jul 2025 14:43	YP/AJ	Ok
6	AR1660ICC250	PO112091.D	08 Jul 2025 15:02	YP/AJ	Ok,M
7	AR1660ICC050	PO112092.D	08 Jul 2025 15:21	YP/AJ	Ok,M
8	AR1221ICC500	PO112093.D	08 Jul 2025 15:38	YP/AJ	Ok
9	AR1232ICC500	PO112094.D	08 Jul 2025 15:57	YP/AJ	Ok
10	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15	YP/AJ	Ok
11	AR1242ICC750	PO112096.D	08 Jul 2025 16:34	YP/AJ	Ok
12	AR1242ICC500	PO112097.D	08 Jul 2025 16:52	YP/AJ	Ok
13	AR1242ICC250	PO112098.D	08 Jul 2025 17:11	YP/AJ	Ok
14	AR1242ICC050	PO112099.D	08 Jul 2025 17:29	YP/AJ	Ok,M
15	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48	YP/AJ	Ok
16	AR1248ICC750	PO112101.D	08 Jul 2025 18:05	YP/AJ	Ok
17	AR1248ICC500	PO112102.D	08 Jul 2025 18:24	YP/AJ	Ok
18	AR1248ICC250	PO112103.D	08 Jul 2025 18:41	YP/AJ	Ok
19	AR1248ICC050	PO112104.D	08 Jul 2025 18:59	YP/AJ	Ok,M
20	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18	YP/AJ	Ok
21	AR1254ICC750	PO112106.D	08 Jul 2025 19:35	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
LCS Standard			

22	AR1254ICC500	PO112107.D	08 Jul 2025 19:54	YP/AJ	Ok
23	AR1254ICC250	PO112108.D	08 Jul 2025 20:11	YP/AJ	Ok
24	AR1254ICC050	PO112109.D	08 Jul 2025 20:28	YP/AJ	Ok,M
25	AR1262ICC500	PO112110.D	08 Jul 2025 20:47	YP/AJ	Ok
26	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04	YP/AJ	Ok,M
27	AR1268ICC750	PO112112.D	08 Jul 2025 21:22	YP/AJ	Ok
28	AR1268ICC500	PO112113.D	08 Jul 2025 21:39	YP/AJ	Ok
29	AR1268ICC250	PO112114.D	08 Jul 2025 21:57	YP/AJ	Ok
30	AR1268ICC050	PO112115.D	08 Jul 2025 22:16	YP/AJ	Ok,M
31	PO070825ICV500	PO112116.D	08 Jul 2025 22:34	YP/AJ	Ok,M
32	AR1242ICV500	PO112117.D	08 Jul 2025 23:11	YP/AJ	Ok
33	AR1248ICV500	PO112118.D	08 Jul 2025 23:47	YP/AJ	Ok
34	AR1254ICV500	PO112119.D	09 Jul 2025 00:24	YP/AJ	Ok
35	AR1268ICV500	PO112120.D	09 Jul 2025 01:01	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM
SubDirectory	PO072225	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112365.D	22 Jul 2025 08:18	YP/AJ	Ok
2	AR1660CCC500	PO112366.D	22 Jul 2025 08:57	YP/AJ	Ok,M
3	AR1242CCC500	PO112367.D	22 Jul 2025 09:15	YP/AJ	Ok,M
4	AR1248CCC500	PO112368.D	22 Jul 2025 09:32	YP/AJ	Ok,M
5	AR1254CCC500	PO112369.D	22 Jul 2025 09:49	YP/AJ	Ok,M
6	I.BLK	PO112370.D	22 Jul 2025 10:08	YP/AJ	Ok
7	DDT ANALOG	PO112371.D	22 Jul 2025 10:26	YP/AJ	Ok
8	Q2639-09	PO112372.D	22 Jul 2025 11:08	YP/AJ	Ok
9	Q2639-11	PO112373.D	22 Jul 2025 11:26	YP/AJ	Ok,M
10	Q2639-13	PO112374.D	22 Jul 2025 11:44	YP/AJ	Ok
11	PB168946BL	PO112375.D	22 Jul 2025 13:35	YP/AJ	Ok
12	PB168946BS	PO112376.D	22 Jul 2025 13:53	YP/AJ	Ok,M
13	Q2645-02RX	PO112377.D	22 Jul 2025 14:12	YP/AJ	Confirms
14	Q2649-01	PO112378.D	22 Jul 2025 14:30	YP/AJ	Ok
15	Q2649-01MS	PO112379.D	22 Jul 2025 14:48	YP/AJ	Ok,M
16	Q2649-01MSD	PO112380.D	22 Jul 2025 15:07	YP/AJ	Ok,M
17	AR1660CCC500	PO112381.D	22 Jul 2025 16:21	YP/AJ	Ok,M
18	AR1242CCC500	PO112382.D	22 Jul 2025 16:39	YP/AJ	Ok,M
19	AR1248CCC500	PO112383.D	22 Jul 2025 16:56	YP/AJ	Ok,M
20	AR1254CCC500	PO112384.D	22 Jul 2025 17:14	YP/AJ	Ok,M
21	I.BLK	PO112385.D	22 Jul 2025 17:32	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM
SubDirectory	PO072225	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2670-01	PO112386.D	22 Jul 2025 17:49	YP/AJ	Ok,M
23	Q2670-02	PO112387.D	22 Jul 2025 18:08	YP/AJ	Ok,M
24	Q2670-03	PO112388.D	22 Jul 2025 18:25	YP/AJ	Ok,M
25	Q2670-04	PO112389.D	22 Jul 2025 18:44	YP/AJ	Ok,M
26	Q2670-05	PO112390.D	22 Jul 2025 19:02	YP/AJ	Ok,M
27	Q2670-06	PO112391.D	22 Jul 2025 19:20	YP/AJ	Ok,M
28	Q2670-07	PO112392.D	22 Jul 2025 19:39	YP/AJ	Ok,M
29	Q2670-08	PO112393.D	22 Jul 2025 19:57	YP/AJ	Ok,M
30	PB168958BL	PO112394.D	22 Jul 2025 20:34	YP/AJ	Ok,M
31	PB168958BS	PO112395.D	22 Jul 2025 20:52	YP/AJ	Ok,M
32	AR1660CCC500	PO112396.D	22 Jul 2025 22:05	YP/AJ	Ok,M
33	AR1242CCC500	PO112397.D	22 Jul 2025 23:00	YP/AJ	Ok,M
34	AR1248CCC500	PO112398.D	22 Jul 2025 23:18	YP/AJ	Ok,M
35	AR1254CCC500	PO112399.D	22 Jul 2025 23:37	YP/AJ	Ok,M
36	I.BLK	PO112400.D	22 Jul 2025 23:55	YP/AJ	Ok,M
37	PB168957BL	PO112401.D	23 Jul 2025 00:14	YP/AJ	Ok,M
38	PB168957BS	PO112402.D	23 Jul 2025 00:32	YP/AJ	Ok,M
39	PB168957BSD	PO112403.D	23 Jul 2025 00:50	YP/AJ	Ok,M
40	Q2640-01	PO112404.D	23 Jul 2025 01:09	YP/AJ	Ok,M
41	Q2646-01	PO112405.D	23 Jul 2025 01:27	YP/AJ	Ok,M
42	Q2655-03	PO112406.D	23 Jul 2025 01:46	YP/AJ	Ok,M
43	Q2655-04	PO112407.D	23 Jul 2025 02:04	YP/AJ	Ok
44	Q2657-01	PO112408.D	23 Jul 2025 02:22	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM
SubDirectory	PO072225	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24388,PP24389,PP24390,PP24391,PP24392,PP24393,PP24394,PP24395,PP24396,PP24397,PP24398,PP24399		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q2660-05	PO112409.D	23 Jul 2025 02:41	YP/AJ	Ok,M
46	AR1660CCC500	PO112410.D	23 Jul 2025 04:12	YP/AJ	Ok,M
47	I.BLK	PO112411.D	23 Jul 2025 05:43	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112086.D	08 Jul 2025 13:32		YP/AJ	Ok
2	I.BLK	I.BLK	PO112087.D	08 Jul 2025 13:49		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06		YP/AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PO112089.D	08 Jul 2025 14:25		YP/AJ	Ok,M
5	AR1660ICC500	AR1660ICC500	PO112090.D	08 Jul 2025 14:43		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112091.D	08 Jul 2025 15:02		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112092.D	08 Jul 2025 15:21		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112093.D	08 Jul 2025 15:38		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112094.D	08 Jul 2025 15:57		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112096.D	08 Jul 2025 16:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112097.D	08 Jul 2025 16:52		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112098.D	08 Jul 2025 17:11		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO112099.D	08 Jul 2025 17:29		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112101.D	08 Jul 2025 18:05		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112102.D	08 Jul 2025 18:24		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112103.D	08 Jul 2025 18:41		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM	
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM	
SubDirectory	PO070825	HP Acquire Method	HP Processing Method	PO070825
STD. NAME	STD REF.#			
Tune/Reschk	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369			
Initial Calibration Stds				
CCC				
Internal Standard/PEM				
ICV/I.BLK				
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

19	AR1248ICC050	AR1248ICC050	PO112104.D	08 Jul 2025 18:59		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112106.D	08 Jul 2025 19:35		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112107.D	08 Jul 2025 19:54		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112108.D	08 Jul 2025 20:11		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112109.D	08 Jul 2025 20:28		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112110.D	08 Jul 2025 20:47		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO112112.D	08 Jul 2025 21:22		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112113.D	08 Jul 2025 21:39		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112114.D	08 Jul 2025 21:57		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112115.D	08 Jul 2025 22:16		YP/AJ	Ok,M
31	PO070825ICV500	ICVPO070825	PO112116.D	08 Jul 2025 22:34		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO070825AR1242	PO112117.D	08 Jul 2025 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO070825AR1248	PO112118.D	08 Jul 2025 23:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO070825AR1254	PO112119.D	09 Jul 2025 00:24		YP/AJ	Ok
35	AR1268ICV500	ICVPO070825AR1268	PO112120.D	09 Jul 2025 01:01		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM
SubDirectory	PO072225	HP Acquire Method	HP Processing Method PO070825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112365.D	22 Jul 2025 08:18		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112366.D	22 Jul 2025 08:57		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112367.D	22 Jul 2025 09:15		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO112368.D	22 Jul 2025 09:32		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO112369.D	22 Jul 2025 09:49		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO112370.D	22 Jul 2025 10:08		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112371.D	22 Jul 2025 10:26		YP/AJ	Ok
8	Q2639-09	OU4-TS-42-071725	PO112372.D	22 Jul 2025 11:08		YP/AJ	Ok
9	Q2639-11	OU4-TS-43-071725	PO112373.D	22 Jul 2025 11:26		YP/AJ	Ok,M
10	Q2639-13	OU4-TS-44-071725	PO112374.D	22 Jul 2025 11:44		YP/AJ	Ok
11	PB168946BL	PB168946BL	PO112375.D	22 Jul 2025 13:35		YP/AJ	Ok
12	PB168946BS	PB168946BS	PO112376.D	22 Jul 2025 13:53		YP/AJ	Ok,M
13	Q2645-02RX	RW5B-CARBON-20250	PO112377.D	22 Jul 2025 14:12	All surrogate fail	YP/AJ	Confirms
14	Q2649-01	WC-1	PO112378.D	22 Jul 2025 14:30		YP/AJ	Ok
15	Q2649-01MS	WC-1MS	PO112379.D	22 Jul 2025 14:48		YP/AJ	Ok,M
16	Q2649-01MSD	WC-1MSD	PO112380.D	22 Jul 2025 15:07	RPD Fail	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO112381.D	22 Jul 2025 16:21		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112382.D	22 Jul 2025 16:39		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM
SubDirectory	PO072225	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PO112383.D	22 Jul 2025 16:56		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO112384.D	22 Jul 2025 17:14		YP/AJ	Ok,M
21	I.BLK	I.BLK	PO112385.D	22 Jul 2025 17:32		YP/AJ	Ok
22	Q2670-01	RBR251375-1	PO112386.D	22 Jul 2025 17:49	AR1248 Hit	YP/AJ	Ok,M
23	Q2670-02	RBR251375-2	PO112387.D	22 Jul 2025 18:08	AR1248 Hit	YP/AJ	Ok,M
24	Q2670-03	72-11995-1	PO112388.D	22 Jul 2025 18:25	AR1248 Hit	YP/AJ	Ok,M
25	Q2670-04	72-11995-2	PO112389.D	22 Jul 2025 18:44	AR1248 Hit	YP/AJ	Ok,M
26	Q2670-05	72-12000-1	PO112390.D	22 Jul 2025 19:02	AR1248 Hit	YP/AJ	Ok,M
27	Q2670-06	72-12000-2	PO112391.D	22 Jul 2025 19:20	AR1248 Hit	YP/AJ	Ok,M
28	Q2670-07	72-11991-1	PO112392.D	22 Jul 2025 19:39	AR1248 Hit	YP/AJ	Ok,M
29	Q2670-08	72-11991-2	PO112393.D	22 Jul 2025 19:57	AR1248 Hit	YP/AJ	Ok,M
30	PB168958BL	PB168958BL	PO112394.D	22 Jul 2025 20:34		YP/AJ	Ok,M
31	PB168958BS	PB168958BS	PO112395.D	22 Jul 2025 20:52		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO112396.D	22 Jul 2025 22:05		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO112397.D	22 Jul 2025 23:00		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO112398.D	22 Jul 2025 23:18		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO112399.D	22 Jul 2025 23:37		YP/AJ	Ok,M
36	I.BLK	I.BLK	PO112400.D	22 Jul 2025 23:55		YP/AJ	Ok,M
37	PB168957BL	PB168957BL	PO112401.D	23 Jul 2025 00:14		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM				
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM				
SubDirectory	PO072225	HP Acquire Method	HP Processing Method		PO070825		
STD. NAME		STD REF.#					
Tune/Reschk		PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24332,PP24347,PP24352,PP24357 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard							

38	PB168957BS	PB168957BS	PO112402.D	23 Jul 2025 00:32		YP/AJ	Ok,M
39	PB168957BSD	PB168957BSD	PO112403.D	23 Jul 2025 00:50		YP/AJ	Ok,M
40	Q2640-01	ELMORA-WATER	PO112404.D	23 Jul 2025 01:09		YP/AJ	Ok,M
41	Q2646-01	FRAC TANK	PO112405.D	23 Jul 2025 01:27		YP/AJ	Ok,M
42	Q2655-03	71125	PO112406.D	23 Jul 2025 01:46		YP/AJ	Ok,M
43	Q2655-04	71425	PO112407.D	23 Jul 2025 02:04		YP/AJ	Ok
44	Q2657-01	12825-A	PO112408.D	23 Jul 2025 02:22		YP/AJ	Ok,M
45	Q2660-05	MOO-25-0220	PO112409.D	23 Jul 2025 02:41		YP/AJ	Ok,M
46	AR1660CCC500	AR1660CCC500	PO112410.D	23 Jul 2025 04:12	DCB low in both column	YP/AJ	Ok,M
47	I.BLK	I.BLK	PO112411.D	23 Jul 2025 05:43		YP/AJ	Ok,M

M : Manual Integration

SOP ID: M3510C,3580A-Extraction PCB-15

Clean Up SOP #: Acid Cleanup

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
Hexane	N/A	E3956
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS723. Q2655-03,04,Q2657-01 & Q2660-05 used Limited volume as samples are oily.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

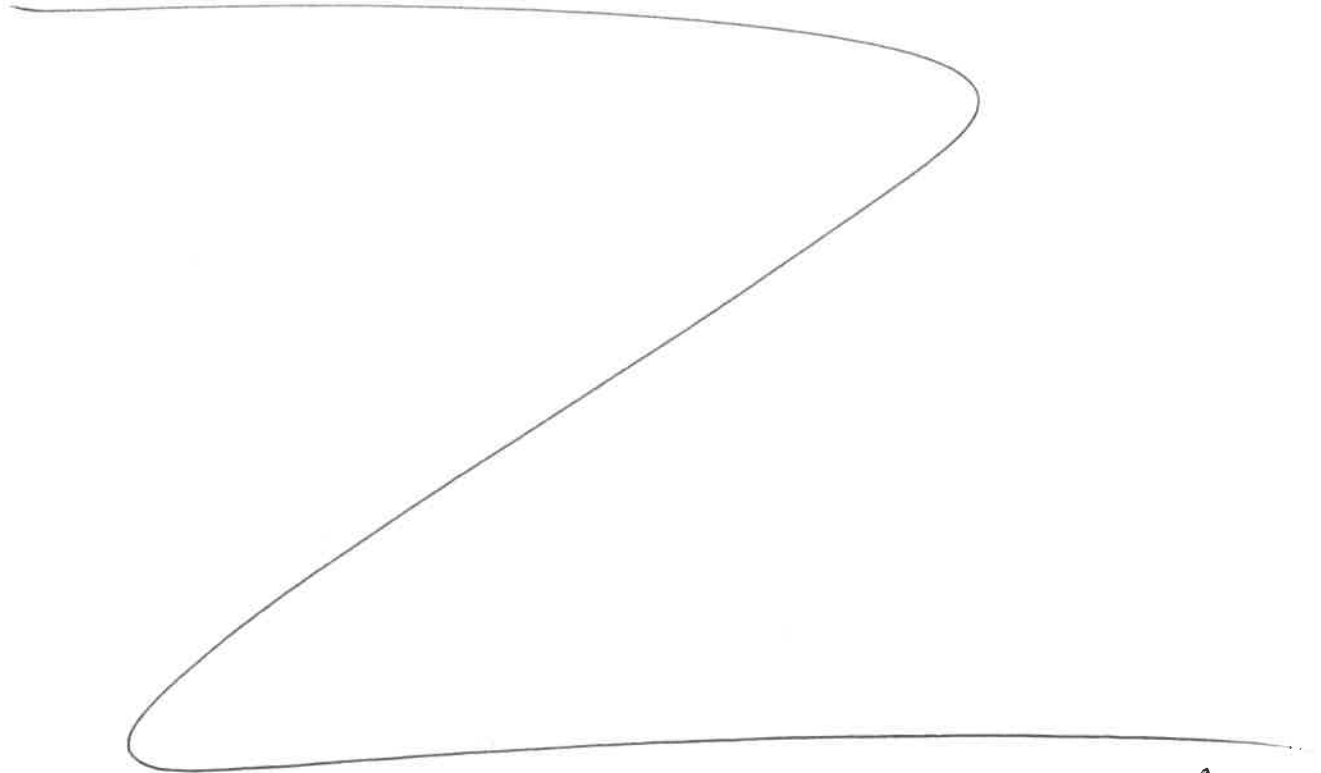
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25	RS (Ext Lab)	Y.P. PPHPS
16:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 07/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168957BL	ABLK957	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB168957BS	ALCS957	PCB	1000	6	RUPESH	ritesh	10			2
PB168957BS D	ALCSD957	PCB	1000	6	RUPESH	ritesh	10			3
Q2640-01	ELMORA-WATER	PCB	970	6	RUPESH	ritesh	10	C		4
Q2646-01	FRAC TANK	PCB	840	6	RUPESH	ritesh	10	G		5
Q2655-03	71125	PCB	100	6	RUPESH	ritesh	10	C	Oily	6
Q2655-04	71425	PCB	100	6	RUPESH	ritesh	10	C	Oily	7
Q2657-01	12825-A	PCB	100	6	RUPESH	ritesh	10	C	Oily	8
Q2660-05	MOO-25-0220	PCB	100	6	RUPESH	ritesh	10	C	Oily	9


RS
7/22

1618954
12-05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2640 WorkList ID : 190868 Department : Extraction Date : 07-22-2025 11:57:20

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2640-01	ELMORA-WATER	Water	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2646-01	FRAC TANK	Water	PCB	Cool 4 deg C	ENV160	O11	07/18/2025	8082A
Q2655-03	71125	Water	PCB	Cool 4 deg C	PSEG03	D41	07/21/2025	8082A
Q2655-04	71425	Water	PCB	Cool 4 deg C	PSEG03	D41	07/21/2025	8082A
Q2657-01	12825-A	Water	PCB	Cool 4 deg C	PSEG03	D41	07/21/2025	8082A
Q2660-05	MOO-25-0220	Water	PCB	Cool 4 deg C	PSEG03	D31	07/21/2025	8082A

Date/Time 7/22/25 12:00
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: RS (Ext Lab)

Date/Time 7/22/25 12:35
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: RS (Ext Lab)





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

LAB CHRONICLE

OrderID:	Q2646	OrderDate:	7/18/2025 11:47:00 AM
Client:	Environmental Restoration, LLC	Project:	North Arlington, NJ
Contact:	Steve Motta	Location:	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-01	FRAC TANK	WATER	PCB	8082A	07/18/25	07/22/25	07/23/25	07/18/25