



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.:		P4892			Order ID:		P4892		
Client:		Portal Partners Tri-Venture			Project ID:		Amtrak Sawtooth Bridges 2024		
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Client ID :									
Total Concentration:				0.000					



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/15/24	
Client Sample ID:	WB-310-TOP		SDG No.:	P4892	
Lab Sample ID:	P4892-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	59.8	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108097.D	1	11/19/24 08:25	11/19/24 14:40	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.70	U	5.70	28.4	ug/kg
11104-28-2	Aroclor-1221	10.7	U	10.7	28.4	ug/kg
11141-16-5	Aroclor-1232	5.70	U	5.70	28.4	ug/kg
53469-21-9	Aroclor-1242	5.70	U	5.70	28.4	ug/kg
12672-29-6	Aroclor-1248	13.2	U	13.2	28.4	ug/kg
11097-69-1	Aroclor-1254	4.60	U	4.60	28.4	ug/kg
37324-23-5	Aroclor-1262	7.60	U	7.60	28.4	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	28.4	ug/kg
11096-82-5	Aroclor-1260	4.90	U	4.90	28.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.7		30 (32) - 150 (144)	74%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		30 (32) - 150 (175)	74%	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:	Portal Partners Tri-Venture	Date Collected:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108098.D	1	11/19/24 08:25	11/19/24 14:57	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.7	ug/kg
11104-28-2	Aroclor-1221	7.40	U	7.40	19.7	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.7	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.7	ug/kg
12672-29-6	Aroclor-1248	9.20	U	9.20	19.7	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	19.7	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	19.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.7	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		30 (32) - 150 (144)	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		30 (32) - 150 (175)	108%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/15/24	
Client Sample ID:	WB-310-SW		SDG No.:	P4892	
Lab Sample ID:	P4892-04		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	485	Units: mL	Final Vol:	5000	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
PO108157.D	1	11/20/24 08:35	11/20/24 21:49	PB165133

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.52	ug/L
11104-28-2	Aroclor-1221	0.24	U	0.24	0.52	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.52	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.52	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.52	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.52	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.52	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.52	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.52	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.7		30 (10) - 150 (157)	129%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.7		30 (10) - 150 (173)	124%	SPK: 20

Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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* = 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.: **P4892**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108037.D	PIBLK-PO108037.D	Tetrachloro-m-xylene	1	20	21.2	106		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.2	116		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.5	112		70 (60)	130 (140)
I.BLK-PO108094.D	PIBLK-PO108094.D	Tetrachloro-m-xylene	1	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	25.5	128		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.5	108		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.9	114		70 (60)	130 (140)
P4892-01	WB-310-TOP	Tetrachloro-m-xylene	1	20	14.4	72		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	14.8	74		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	14.7	74		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	12.1	60		30 (32)	150 (175)
P4892-02	WB-310-BOT	Tetrachloro-m-xylene	1	20	19.2	96		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.5	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.8	94		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.5	93		30 (32)	150 (175)
P4893-01MS	MH-763MS	Tetrachloro-m-xylene	1	20	18.1	91		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.4	107		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.8	89		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.9	95		30 (32)	150 (175)
P4893-01MSD	MH-763MSD	Tetrachloro-m-xylene	1	20	17.9	90		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.0	110		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.8	89		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.6	93		30 (32)	150 (175)
I.BLK-PO108107.D	PIBLK-PO108107.D	Tetrachloro-m-xylene	1	20	22.1	111		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	26.3	131	*	70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.8	109		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.7	114		70 (60)	130 (140)
I.BLK-PO108123.D	PIBLK-PO108123.D	Tetrachloro-m-xylene	1	20	22.9	115		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	26.1	131	*	70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.3	112		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.2	116		70 (60)	130 (140)
PB165082BL	PB165082BL	Tetrachloro-m-xylene	1	20	23.1	116		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	26.0	130		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	23.2	116		30 (32)	150 (175)
PB165082BS	PB165082BS	Tetrachloro-m-xylene	1	20	23.2	116		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	25.9	130		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.2	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.9	115		30 (32)	150 (175)
I.BLK-PO108138.D	PIBLK-PO108138.D	Tetrachloro-m-xylene	1	20	22.9	115		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4892**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108138.D	PIBLK-PO108138.D	Decachlorobiphenyl	1	20	26.1	130		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.4	112		70 (60)	130 (140)
I.BLK-PO108153.D	PIBLK-PO108153.D	Decachlorobiphenyl	2	20	23.1	115		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	23.1	116		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	25.0	125		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	23.2	116		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.0	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	21.7	108		30 (10)	150 (157)
PB165133BL	PB165133BL	Decachlorobiphenyl	1	20	23.8	119		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	21.6	108		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.9	105		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	22.1	111		30 (10)	150 (157)
PB165133BS	PB165133BS	Decachlorobiphenyl	1	20	23.9	120		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.9	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	22.2	111		30 (10)	150 (157)
PB165133BSD	PB165133BSD	Decachlorobiphenyl	1	20	23.7	119		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.9	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	25.7	129		30 (10)	150 (157)
P4892-04	WB-310-SW	Decachlorobiphenyl	1	20	24.7	124		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	25.5	128		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	22.0	110		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	23.4	117		70 (60)	130 (140)
I.BLK-PO108163.D	PIBLK-PO108163.D	Decachlorobiphenyl	1	20	26.2	131	*	70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	23.2	116		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.3	117		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	23.3	117		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO108100.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4893-01MS	MH-763MS											
	AR1016	191.4	0	184	ug/kg	96				40 (55)	140 (146)	
	AR1260	191.4	0	190	ug/kg	99				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO108101.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4893-01MSD	MH-763MSD											
	AR1016	191.1	0	183	ug/kg	96		0		40 (55)	140 (146)	30 (20)
	AR1260	191.1	0	192	ug/kg	100		1		40 (45)	140 (144)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO108125.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165082BS	AR1016	166.5	171	ug/kg	103				40 (71)	140 (120)		
	AR1260	166.5	173	ug/kg	104				40 (65)	140 (130)		



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PO108155.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165133BS	AR1016	5	4.90	ug/L	98				40 (61)	140 (112)		
	AR1260	5	4.90	ug/L	98				40 (66)	140 (113)		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4892

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO108156.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165133BSD	AR1016	5	4.90	ug/L	98	0			40 (61)	140 (112)	20 (20)
	AR1260	5	4.90	ug/L	98	0			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165082BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4892

SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165082BL

Lab File ID: PO108124.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/19/2024

Date Analyzed (1): 11/20/2024

Date Analyzed (2): 11/20/2024

Time Analyzed (1): 11:12

Time Analyzed (2): 11:12

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
WB-310-TOP	P4892-01	PO108097.D	11/19/2024	11/19/2024
WB-310-BOT	P4892-02	PO108098.D	11/19/2024	11/19/2024
MH-763MS	P4893-01MS	PO108100.D	11/19/2024	11/19/2024
MH-763MSD	P4893-01MSD	PO108101.D	11/19/2024	11/19/2024
PB165082BS	PB165082BS	PO108125.D	11/20/2024	11/20/2024

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165133BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4892

SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165133BL

Lab File ID: PO108154.D

Matrix: (soil/water) WATER

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/20/2024

Date Analyzed (1): 11/20/2024

Date Analyzed (2): 11/20/2024

Time Analyzed (1): 21:00

Time Analyzed (2): 21:00

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
PB165133BS	PB165133BS	PO108155.D	11/20/2024	11/20/2024
PB165133BSD	PB165133BSD	PO108156.D	11/20/2024	11/20/2024
WB-310-SW	P4892-04	PO108157.D	11/20/2024	11/20/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165082BL	SDG No.:	P4892
Lab Sample ID:	PB165082BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108124.D	1	11/19/24 08:25	11/20/24 11:12	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		30 (32) - 150 (144)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.0		30 (32) - 150 (175)	130%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165133BL		SDG No.:	P4892	
Lab Sample ID:	PB165133BL		Matrix:	WATER	
Analytical Method:	SW8082A		% 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
PO108154.D	1	11/20/24 08:35	11/20/24 21:00	PB165133

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		30 (10) - 150 (157)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		30 (10) - 150 (173)	119%	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:	Portal Partners Tri-Venture	Date Collected:	11/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PO108037.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PO108037.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108037.D	1		11/18/24	PO111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		70 (60) - 130 (140)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		70 (60) - 130 (140)	112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/19/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PO108094.D		SDG No.:	P4892	
Lab Sample ID:	I.BLK-PO108094.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108094.D	1		11/19/24	PO111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		70 (60) - 130 (140)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		70 (60) - 130 (140)	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/19/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/19/24	
Client Sample ID:	PIBLK-PO108107.D		SDG No.:	P4892	
Lab Sample ID:	I.BLK-PO108107.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108107.D	1		11/19/24	PO111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		70 (60) - 130 (140)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		70 (60) - 130 (140)	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/20/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/20/24
Client Sample ID:	PIBLK-PO108123.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PO108123.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108123.D	1		11/20/24	PO112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		70 (60) - 130 (140)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		70 (60) - 130 (140)	116%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/20/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/20/24
Client Sample ID:	PIBLK-PO108138.D	SDG No.:	P4892
Lab Sample ID:	I.BLK-PO108138.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108138.D	1		11/20/24	PO112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		70 (60) - 130 (140)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		70 (60) - 130 (140)	115%	SPK: 20

Comments:

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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:	Portal Partners Tri-Venture		Date Collected:	11/20/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/20/24	
Client Sample ID:	PIBLK-PO108153.D		SDG No.:	P4892	
Lab Sample ID:	I.BLK-PO108153.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108153.D	1		11/20/24	PO112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		70 (60) - 130 (140)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		70 (60) - 130 (140)	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	11/21/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	11/21/24	
Client Sample ID:	PIBLK-PO108163.D		SDG No.:	P4892	
Lab Sample ID:	I.BLK-PO108163.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108163.D	1		11/21/24	PO112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		70 (60) - 130 (140)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		70 (60) - 130 (140)	117%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165082BS		SDG No.:	P4892	
Lab Sample ID:	PB165082BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108125.D	1	11/19/24 08:25	11/20/24 11:29	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	171		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	173		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		30 (32) - 150 (144)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.9		30 (32) - 150 (175)	130%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165133BS		SDG No.:	P4892	
Lab Sample ID:	PB165133BS		Matrix:	WATER	
Analytical Method:	SW8082A		% 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
PO108155.D	1	11/20/24 08:35	11/20/24 21:16	PB165133

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.90		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		30 (10) - 150 (157)	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		30 (10) - 150 (173)	120%	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:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165133BSD		SDG No.:	P4892	
Lab Sample ID:	PB165133BSD		Matrix:	WATER	
Analytical Method:	SW8082A		% 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
PO108156.D	1	11/20/24 08:35	11/20/24 21:33	PB165133

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.90		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		30 (10) - 150 (157)	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		30 (10) - 150 (173)	119%	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:	Portal Partners Tri-Venture	Date Collected:	11/16/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/18/24
Client Sample ID:	MH-763MS	SDG No.:	P4892
Lab Sample ID:	P4893-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108100.D	1	11/19/24 08:25	11/19/24 15:30	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	184		3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	7.40	U	7.40	19.5	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	9.10	U	9.10	19.5	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	190		3.30	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		30 (32) - 150 (144)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		30 (32) - 150 (175)	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/16/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/18/24
Client Sample ID:	MH-763MSD	SDG No.:	P4892
Lab Sample ID:	P4893-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	87
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108101.D	1	11/19/24 08:25	11/19/24 15:47	PB165082

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	183		3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.5	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.5	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	192		3.30	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		30 (32) - 150 (144)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		30 (32) - 150 (175)	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_O Calibration Date(s): 11/18/2024 11/18/2024

Calibration Times: 15:32 22:51

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

LAB FILE ID:	RT 1000 = <u>PO108038.D</u>	RT 750 = <u>PO108039.D</u>
RT 500 = <u>PO108040.D</u>	RT 250 = <u>PO108041.D</u>	RT 050 = <u>PO108042.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.53	5.53	5.53	5.52	5.53	5.53	5.43	5.63
Aroclor-1016-2	(2)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1016-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1016-4	(4)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1016-5	(5)	6.01	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1260-1	(1)	7.14	7.14	7.14	7.14	7.14	7.14	7.04	7.24
Aroclor-1260-2	(2)	7.40	7.39	7.40	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-3	(3)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Aroclor-1260-4	(4)	7.98	7.98	7.98	7.98	7.98	7.98	7.88	8.08
Aroclor-1260-5	(5)	8.30	8.30	8.30	8.30	8.30	8.30	8.20	8.40
Decachlorobiphenyl		10.09	10.09	10.09	10.09	10.09	10.09	9.99	10.19
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1242-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1242-2	(2)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1242-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1242-4	(4)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1242-5	(5)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Decachlorobiphenyl		10.09	10.09	10.09	10.09	10.09	10.09	9.99	10.19
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1248-1	(1)	5.53	5.52	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1248-2	(2)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-3	(3)	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1248-4	(4)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1248-5	(5)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Decachlorobiphenyl		10.09	10.09	10.09	10.09	10.09	10.09	9.99	10.19
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1254-1	(1)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1254-2	(2)	6.60	6.60	6.60	6.60	6.60	6.60	6.50	6.70
Aroclor-1254-3	(3)	6.97	6.97	6.97	6.97	6.97	6.97	6.87	7.07
Aroclor-1254-4	(4)	7.26	7.26	7.25	7.26	7.25	7.26	7.16	7.36
Aroclor-1254-5	(5)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Decachlorobiphenyl		10.09	10.09	10.09	10.09	10.09	10.09	9.99	10.19
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1268-1	(1)	8.61	8.61	8.61	8.61	8.61	8.61	8.51	8.71
Aroclor-1268-2	(2)	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Aroclor-1268-3	(3)	8.93	8.93	8.93	8.93	8.93	8.93	8.83	9.03
Aroclor-1268-4	(4)	9.34	9.34	9.34	9.34	9.34	9.34	9.24	9.44
Aroclor-1268-5	(5)	9.76	9.76	9.75	9.75	9.75	9.75	9.65	9.85

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.09	10.09	10.09	10.09	10.09	10.09	9.99	10.19
Tetrachloro-m-xylene	4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47

A

B

C

D

E

F

G

H

I

J

K

L

A
B
C
D
E
F
G
H
I
J
K
L

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene	3.64	3.64	3.64	3.64	3.64	3.64	3.54	3.74

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_O

Calibration Date(s): 11/18/2024 11/18/2024

Calibration Times: 15:32 22:51

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

LAB FILE ID:		CF 1000 = <u>PO108038.D</u>		CF 750 = <u>PO108039.D</u>			
CF 500 = <u>PO108040.D</u>		CF 250 = <u>PO108041.D</u>		CF 050 = <u>PO108042.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	246762638	255183097	267973476	283317680	291399940	7
Aroclor-1016-2	(2)	361906701	371340893	387074982	408562964	409480900	6
Aroclor-1016-3	(3)	222622001	230895227	242997188	262828576	290224400	11
Aroclor-1016-4	(4)	180908655	187263399	196564780	208828236	202781360	6
Aroclor-1016-5	(5)	172054377	178657919	188464708	198508344	189466020	6
Aroclor-1260-1	(1)	247038034	257258523	276155998	300356752	291432540	8
Aroclor-1260-2	(2)	272689813	275156095	291862946	311284092	264022160	7
Aroclor-1260-3	(3)	196571881	200863216	216965512	232635324	227109120	7
Aroclor-1260-4	(4)	206067217	211502581	224665900	236880824	230926000	6
Aroclor-1260-5	(5)	361568828	367344987	386082756	401302256	391367100	4
Decachlorobiphenyl		2788452830	2899237187	3078698780	3257210480	3247383800	7
Tetrachloro-m-xylene		8465605050	8620290680	8898313680	9030365440	8515879800	3
Aroclor-1242-1	(1)	202566328	209266423	216968960	226834060	251201700	9
Aroclor-1242-2	(2)	292414213	300976153	306906846	326944128	345266040	7
Aroclor-1242-3	(3)	180504553	188122379	204296224	206704844	232713180	10
Aroclor-1242-4	(4)	145573082	151871127	147856924	161129744	174130240	7
Aroclor-1242-5	(5)	141458429	150487075	174887798	165575256	171811960	9
Decachlorobiphenyl		2883024050	2993599120	3112238920	3347716960	3290585400	6
Tetrachloro-m-xylene		8474998350	8554163053	8448632340	8865007800	8445940200	2
Aroclor-1248-1	(1)	159118922	161357184	172663464	181852748	193964860	8
Aroclor-1248-2	(2)	223667475	232366575	244148502	257041984	245312320	5
Aroclor-1248-3	(3)	235052357	249913948	255721754	270339584	271390180	6
Aroclor-1248-4	(4)	254865791	270625609	276970026	290980956	271389120	5
Aroclor-1248-5	(5)	250852362	264749787	277140996	291546208	270671600	6
Decachlorobiphenyl		3055844430	3212426880	3323854080	3502784880	3470872200	6
Tetrachloro-m-xylene		8617109190	8960264667	8973068820	9149151720	8598975400	3
Aroclor-1254-1	(1)	252273984	264379132	273757404	293053280	301432280	7
Aroclor-1254-2	(2)	370718764	381771509	401517756	431022924	452397520	8
Aroclor-1254-3	(3)	371029833	378293709	395728354	413498008	404266220	5
Aroclor-1254-4	(4)	258988770	265852057	279911766	295707108	295222320	6
Aroclor-1254-5	(5)	253254357	260982649	273964622	289085188	263893220	5
Decachlorobiphenyl		3053184730	3175475907	3371258020	3559677880	3473166600	6
Tetrachloro-m-xylene		8676286000	8781692213	9032518320	9252845040	8520211800	3
Aroclor-1268-1	(1)	470799605	475917148	498858234	526027740	502833980	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	426122965	429724292	449577094	474735796	444314960	444895021	4
Aroclor-1268-3	(3)	347803598	350738465	369541246	388683644	373678420	366089075	5
Aroclor-1268-4	(4)	159396827	162304215	169881814	178873580	168510400	167793367	5
Aroclor-1268-5	(5)	1064152927	1072377252	1107204992	1148173928	1104978940	1099377608	3
Decachlorobiphenyl		5130801040	5235509600	5479770240	5801588440	5574999800	5444533824	5
Tetrachloro-m-xylene		8604281960	8613628107	8840909600	9045256040	8253129800	8671441101	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_O

Calibration Date(s): 11/18/2024 11/18/2024

Calibration Times: 15:32 22:51

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

LAB FILE ID:		CF 1000 = <u>PO108038.D</u>		CF 750 = <u>PO108039.D</u>			
CF 500 = <u>PO108040.D</u>		CF 250 = <u>PO108041.D</u>		CF 050 = <u>PO108042.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	106788150	108798153	111718164	113509520	105554920	109273781
Aroclor-1016-2	(2)	152123024	154097571	158326228	159327316	140638080	152902444
Aroclor-1016-3	(3)	80988346	82315700	85055114	86482700	75979360	82164244
Aroclor-1016-4	(4)	61290280	63322112	65890902	67513476	60347000	63672754
Aroclor-1016-5	(5)	83859555	84976180	88574978	90258120	85814880	86696743
Aroclor-1260-1	(1)	157781272	160281296	165675998	168803692	157161680	161940788
Aroclor-1260-2	(2)	193178496	195374557	201955632	205123576	188687800	196864012
Aroclor-1260-3	(3)	183308515	185530125	190617304	192222592	178946180	186124943
Aroclor-1260-4	(4)	158006285	159976592	164422288	165515456	152052260	159994576
Aroclor-1260-5	(5)	397600161	398299031	405738120	401770156	360054820	392692458
Decachlorobiphenyl		3329333650	3376455133	3495318160	3542281840	3265178400	3401713437
Tetrachloro-m-xylene		3460288000	3499045520	3533194380	3490778200	2968782600	3390417740
Aroclor-1242-1	(1)	87969741	88248992	87758754	93432100	85060960	88494109
Aroclor-1242-2	(2)	124351775	125884719	122342024	129672256	115828860	123615927
Aroclor-1242-3	(3)	66089426	66658731	64420492	69305104	64944480	66283647
Aroclor-1242-4	(4)	61409091	62399051	61772248	66049176	61264060	62578725
Aroclor-1242-5	(5)	80580818	81655216	82065824	87619560	85982300	83580744
Decachlorobiphenyl		3376553600	3460953067	3489794800	3599195960	3335440400	3452387565
Tetrachloro-m-xylene		3506478780	3524758680	3390143240	3493295680	3130140400	3408963356
Aroclor-1248-1	(1)	67026994	69560969	69998122	71628912	68826780	69408355
Aroclor-1248-2	(2)	89376189	93801245	94712640	97706412	91207920	93360881
Aroclor-1248-3	(3)	94788893	98911040	100115740	103278720	96514280	98721735
Aroclor-1248-4	(4)	115527324	120128197	120921898	125233548	119364180	120235029
Aroclor-1248-5	(5)	119804627	123323009	123889724	128054636	128073460	124629091
Decachlorobiphenyl		3528559440	3596963560	3616896320	3663454400	3377244800	3556623704
Tetrachloro-m-xylene		3528541860	3631159893	3583888800	3559804240	3171920200	3495062999
Aroclor-1254-1	(1)	174289834	176158589	180893068	186013588	167948420	177060700
Aroclor-1254-2	(2)	150108724	152943737	157672006	163048368	154480520	155650671
Aroclor-1254-3	(3)	256239069	259520284	265457534	269328112	244789800	259066960
Aroclor-1254-4	(4)	157049736	150166115	151648294	150255064	114987000	144821242
Aroclor-1254-5	(5)	226514935	228906973	235035164	238147696	216555420	229032038
Decachlorobiphenyl		3488739090	3567821253	3665438080	3726867560	3437434800	3577260157
Tetrachloro-m-xylene		3561296690	3571149600	3637431600	3609953440	3188991400	3513764546
Aroclor-1268-1	(1)	503786717	502542995	506955678	510483304	449116600	494577059

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	474790608	472331845	474584838	476025240	407711300	461088766	6
Aroclor-1268-3	(3)	398042300	395049041	397077938	397623440	338330320	385224608	7
Aroclor-1268-4	(4)	165026234	165243123	167676480	171057252	157015720	165203762	3
Aroclor-1268-5	(5)	1353304001	1345522504	1338264668	1326360488	1125948300	1297879992	7
Decachlorobiphenyl		6035126950	6057706560	6116207360	6217717120	5517400400	5988831678	5
Tetrachloro-m-xylene		3503890680	3480404160	3510527020	3509133960	2981330200	3397057204	7

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_O Date(s) Analyzed: 11/18/2024 11/18/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.57	4.47	4.67	108422000
		2	4.66	4.56	4.76	80468200
		3	4.73	4.63	4.83	233076000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.73	4.63	4.83	171958000
		2	5.26	5.16	5.36	94164000
		3	5.55	5.45	5.65	161766000
		4	5.71	5.61	5.81	76393000
		5	5.80	5.70	5.90	52874400
Aroclor-1262	500	1	7.76	7.66	7.86	323292000
		2	8.30	8.20	8.40	449988000
		3	8.61	8.51	8.71	288986000
		4	8.70	8.60	8.80	223132000
		5	9.34	9.24	9.44	152022000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Instrument ID: ECD_O Date(s) Analyzed: 11/18/2024 11/18/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.85	3.75	3.95	35476800
		2	3.94	3.84	4.04	29137000
		3	4.01	3.91	4.11	89032800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.01	3.91	4.11	63710600
		2	4.74	4.64	4.84	64827200
		3	4.91	4.81	5.01	33220400
		4	5.00	4.90	5.10	30291200
		5	5.17	5.07	5.27	31376600
Aroclor-1262	500	1	6.75	6.65	6.85	227544000
		2	7.25	7.15	7.35	426902000
		3	7.54	7.44	7.64	165111000
		4	7.60	7.50	7.70	317924000
		5	8.09	7.99	8.19	148021000

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 09:37 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.01	6.00	5.90	6.10	-0.01
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.99	7.98	7.88	8.08	-0.01
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.10	10.09	9.99	10.19	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 09:37 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL01 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PO108090.D Time Analyzed: 09:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.527	5.425	5.625	517.960	500.000	3.6
Aroclor-1016-2	5.549	5.447	5.647	518.210	500.000	3.6
Aroclor-1016-3	5.612	5.510	5.710	508.200	500.000	1.6
Aroclor-1016-4	5.709	5.607	5.807	522.050	500.000	4.4
Aroclor-1016-5	6.005	5.904	6.104	523.510	500.000	4.7
Aroclor-1260-1	7.139	7.037	7.237	519.840	500.000	4.0
Aroclor-1260-2	7.396	7.295	7.495	548.610	500.000	9.7
Aroclor-1260-3	7.760	7.658	7.858	530.810	500.000	6.2
Aroclor-1260-4	7.985	7.884	8.084	543.060	500.000	8.6
Aroclor-1260-5	8.300	8.198	8.398	545.640	500.000	9.1
Decachlorobiphenyl	10.095	9.991	10.191	53.260	50.000	6.5
Tetrachloro-m-xylene	4.372	4.270	4.470	53.000	50.000	6.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL01 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PO108090.D Time Analyzed: 09:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.720	4.620	4.820	514.990	500.000	3.0
Aroclor-1016-2	4.739	4.639	4.839	523.120	500.000	4.6
Aroclor-1016-3	4.915	4.815	5.015	524.490	500.000	4.9
Aroclor-1016-4	4.957	4.856	5.056	517.640	500.000	3.5
Aroclor-1016-5	5.170	5.070	5.270	525.250	500.000	5.1
Aroclor-1260-1	6.201	6.100	6.300	517.640	500.000	3.5
Aroclor-1260-2	6.389	6.288	6.488	519.540	500.000	3.9
Aroclor-1260-3	6.542	6.441	6.641	516.100	500.000	3.2
Aroclor-1260-4	7.013	6.912	7.112	518.930	500.000	3.8
Aroclor-1260-5	7.254	7.154	7.354	520.740	500.000	4.1
Decachlorobiphenyl	8.634	8.535	8.735	50.730	50.000	1.5
Tetrachloro-m-xylene	3.639	3.539	3.739	52.510	50.000	5.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 16:34 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.52	5.53	5.43	5.63	0.01
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.98	7.98	7.88	8.08	0.00
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.09	10.09	9.99	10.19	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/19/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 16:34 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL02 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PO108103.D Time Analyzed: 16:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.524	5.425	5.625	515.170	500.000	3.0
Aroclor-1016-2	5.547	5.447	5.647	520.530	500.000	4.1
Aroclor-1016-3	5.610	5.510	5.710	508.600	500.000	1.7
Aroclor-1016-4	5.707	5.607	5.807	522.040	500.000	4.4
Aroclor-1016-5	6.003	5.904	6.104	530.110	500.000	6.0
Aroclor-1260-1	7.136	7.037	7.237	525.910	500.000	5.2
Aroclor-1260-2	7.394	7.295	7.495	559.580	500.000	11.9
Aroclor-1260-3	7.756	7.658	7.858	539.160	500.000	7.8
Aroclor-1260-4	7.982	7.884	8.084	548.890	500.000	9.8
Aroclor-1260-5	8.298	8.198	8.398	552.520	500.000	10.5
Decachlorobiphenyl	10.092	9.991	10.191	53.750	50.000	7.5
Tetrachloro-m-xylene	4.370	4.270	4.470	52.920	50.000	5.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL02 Date Analyzed: 11/19/2024

Lab Sample No.: AR1660CCC500 Data File : PO108103.D Time Analyzed: 16:34

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.719	4.620	4.820	512.440	500.000	2.5
Aroclor-1016-2	4.737	4.639	4.839	521.260	500.000	4.3
Aroclor-1016-3	4.914	4.815	5.015	520.400	500.000	4.1
Aroclor-1016-4	4.955	4.856	5.056	515.180	500.000	3.0
Aroclor-1016-5	5.168	5.070	5.270	519.470	500.000	3.9
Aroclor-1260-1	6.199	6.100	6.300	517.700	500.000	3.5
Aroclor-1260-2	6.387	6.288	6.488	515.130	500.000	3.0
Aroclor-1260-3	6.541	6.441	6.641	512.730	500.000	2.5
Aroclor-1260-4	7.012	6.912	7.112	513.710	500.000	2.7
Aroclor-1260-5	7.253	7.154	7.354	513.270	500.000	2.7
Decachlorobiphenyl	8.633	8.535	8.735	49.900	50.000	-0.2
Tetrachloro-m-xylene	3.637	3.539	3.739	52.380	50.000	4.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 09:21 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.01	6.00	5.90	6.10	-0.01
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.99	7.98	7.88	8.08	-0.01
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.10	10.09	9.99	10.19	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 09:21 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL03 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108119.D Time Analyzed: 09:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.528	5.425	5.625	491.220	500.000	-1.8
Aroclor-1016-2	5.550	5.447	5.647	494.320	500.000	-1.1
Aroclor-1016-3	5.612	5.510	5.710	476.060	500.000	-4.8
Aroclor-1016-4	5.710	5.607	5.807	483.320	500.000	-3.3
Aroclor-1016-5	6.006	5.904	6.104	495.840	500.000	-0.8
Aroclor-1260-1	7.141	7.037	7.237	511.610	500.000	2.3
Aroclor-1260-2	7.399	7.295	7.495	544.230	500.000	8.8
Aroclor-1260-3	7.762	7.658	7.858	518.550	500.000	3.7
Aroclor-1260-4	7.987	7.884	8.084	530.680	500.000	6.1
Aroclor-1260-5	8.303	8.198	8.398	539.820	500.000	8.0
Decachlorobiphenyl	10.098	9.991	10.191	53.340	50.000	6.7
Tetrachloro-m-xylene	4.372	4.270	4.470	51.090	50.000	2.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL03 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108119.D Time Analyzed: 09:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.720	4.620	4.820	523.940	500.000	4.8
Aroclor-1016-2	4.738	4.639	4.839	527.440	500.000	5.5
Aroclor-1016-3	4.914	4.815	5.015	528.130	500.000	5.6
Aroclor-1016-4	4.956	4.856	5.056	517.930	500.000	3.6
Aroclor-1016-5	5.169	5.070	5.270	531.540	500.000	6.3
Aroclor-1260-1	6.201	6.100	6.300	525.860	500.000	5.2
Aroclor-1260-2	6.389	6.288	6.488	519.470	500.000	3.9
Aroclor-1260-3	6.542	6.441	6.641	518.410	500.000	3.7
Aroclor-1260-4	7.013	6.912	7.112	518.810	500.000	3.8
Aroclor-1260-5	7.254	7.154	7.354	519.750	500.000	4.0
Decachlorobiphenyl	8.635	8.535	8.735	50.790	50.000	1.6
Tetrachloro-m-xylene	3.638	3.539	3.739	53.620	50.000	7.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 14:51 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.98	7.98	7.88	8.08	0.00
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.09	10.09	9.99	10.19	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 14:51 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL04 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108134.D Time Analyzed: 14:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.525	5.425	5.625	521.430	500.000	4.3
Aroclor-1016-2	5.548	5.447	5.647	525.660	500.000	5.1
Aroclor-1016-3	5.610	5.510	5.710	517.460	500.000	3.5
Aroclor-1016-4	5.708	5.607	5.807	532.790	500.000	6.6
Aroclor-1016-5	6.004	5.904	6.104	530.560	500.000	6.1
Aroclor-1260-1	7.138	7.037	7.237	511.560	500.000	2.3
Aroclor-1260-2	7.395	7.295	7.495	542.950	500.000	8.6
Aroclor-1260-3	7.759	7.658	7.858	527.760	500.000	5.6
Aroclor-1260-4	7.984	7.884	8.084	540.130	500.000	8.0
Aroclor-1260-5	8.300	8.198	8.398	540.760	500.000	8.2
Decachlorobiphenyl	10.093	9.991	10.191	52.860	50.000	5.7
Tetrachloro-m-xylene	4.371	4.270	4.470	53.890	50.000	7.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL04 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108134.D Time Analyzed: 14:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.719	4.620	4.820	531.180	500.000	6.2
Aroclor-1016-2	4.738	4.639	4.839	535.030	500.000	7.0
Aroclor-1016-3	4.914	4.815	5.015	538.150	500.000	7.6
Aroclor-1016-4	4.956	4.856	5.056	526.910	500.000	5.4
Aroclor-1016-5	5.169	5.070	5.270	537.190	500.000	7.4
Aroclor-1260-1	6.200	6.100	6.300	526.660	500.000	5.3
Aroclor-1260-2	6.388	6.288	6.488	519.760	500.000	4.0
Aroclor-1260-3	6.540	6.441	6.641	510.520	500.000	2.1
Aroclor-1260-4	7.012	6.912	7.112	510.320	500.000	2.1
Aroclor-1260-5	7.253	7.154	7.354	508.310	500.000	1.7
Decachlorobiphenyl	8.634	8.535	8.735	48.500	50.000	-3.0
Tetrachloro-m-xylene	3.638	3.539	3.739	54.200	50.000	8.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 19:38 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.98	7.98	7.88	8.08	0.00
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.09	10.09	9.99	10.19	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 19:38 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL05 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108149.D Time Analyzed: 19:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.526	5.425	5.625	528.630	500.000	5.7
Aroclor-1016-2	5.549	5.447	5.647	520.240	500.000	4.0
Aroclor-1016-3	5.611	5.510	5.710	513.970	500.000	2.8
Aroclor-1016-4	5.708	5.607	5.807	521.170	500.000	4.2
Aroclor-1016-5	6.004	5.904	6.104	514.630	500.000	2.9
Aroclor-1260-1	7.138	7.037	7.237	518.810	500.000	3.8
Aroclor-1260-2	7.395	7.295	7.495	545.340	500.000	9.1
Aroclor-1260-3	7.759	7.658	7.858	520.170	500.000	4.0
Aroclor-1260-4	7.984	7.884	8.084	517.420	500.000	3.5
Aroclor-1260-5	8.300	8.198	8.398	525.890	500.000	5.2
Decachlorobiphenyl	10.093	9.991	10.191	50.960	50.000	1.9
Tetrachloro-m-xylene	4.371	4.270	4.470	53.830	50.000	7.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL05 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108149.D Time Analyzed: 19:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.719	4.620	4.820	547.380	500.000	9.5
Aroclor-1016-2	4.738	4.639	4.839	545.840	500.000	9.2
Aroclor-1016-3	4.914	4.815	5.015	540.160	500.000	8.0
Aroclor-1016-4	4.956	4.856	5.056	518.270	500.000	3.7
Aroclor-1016-5	5.168	5.070	5.270	554.520	500.000	10.9
Aroclor-1260-1	6.200	6.100	6.300	547.210	500.000	9.4
Aroclor-1260-2	6.387	6.288	6.488	534.890	500.000	7.0
Aroclor-1260-3	6.541	6.441	6.641	524.600	500.000	4.9
Aroclor-1260-4	7.012	6.912	7.112	520.030	500.000	4.0
Aroclor-1260-5	7.253	7.154	7.354	511.160	500.000	2.2
Decachlorobiphenyl	8.633	8.535	8.735	47.130	50.000	-5.7
Tetrachloro-m-xylene	3.638	3.539	3.739	55.980	50.000	12.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 23:06 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.53	5.53	5.43	5.63	0.00
Aroclor-1016-2	(2)	5.55	5.55	5.45	5.65	0.00
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.71	5.71	5.61	5.81	0.00
Aroclor-1016-5	(5)	6.01	6.00	5.90	6.10	-0.01
Aroclor-1260-1	(1)	7.14	7.14	7.04	7.24	0.00
Aroclor-1260-2	(2)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-3	(3)	7.76	7.76	7.66	7.86	0.00
Aroclor-1260-4	(4)	7.99	7.98	7.88	8.08	-0.01
Aroclor-1260-5	(5)	8.30	8.30	8.20	8.40	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.10	10.09	9.99	10.19	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Continuing Calib Date: 11/20/2024 Initial Calibration Date(s): 11/18/2024 11/18/2024

Continuing Calib Time: 23:06 Initial Calibration Time(s): 15:32 22:51

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-1	(1)	6.20	6.20	6.10	6.30	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-4	(4)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-5	(5)	7.25	7.25	7.15	7.35	0.00
Tetrachloro-m-xylene		3.64	3.64	3.54	3.74	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL06 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108159.D Time Analyzed: 23:06

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.526	5.425	5.625	545.410	500.000	9.1
Aroclor-1016-2	5.548	5.447	5.647	539.240	500.000	7.8
Aroclor-1016-3	5.611	5.510	5.710	531.900	500.000	6.4
Aroclor-1016-4	5.708	5.607	5.807	546.420	500.000	9.3
Aroclor-1016-5	6.005	5.904	6.104	552.530	500.000	10.5
Aroclor-1260-1	7.138	7.037	7.237	546.400	500.000	9.3
Aroclor-1260-2	7.397	7.295	7.495	577.560	500.000	15.5
Aroclor-1260-3	7.760	7.658	7.858	556.610	500.000	11.3
Aroclor-1260-4	7.985	7.884	8.084	559.850	500.000	12.0
Aroclor-1260-5	8.301	8.198	8.398	566.220	500.000	13.2
Decachlorobiphenyl	10.097	9.991	10.191	53.910	50.000	7.8
Tetrachloro-m-xylene	4.371	4.270	4.470	56.130	50.000	12.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/18/2024 11/18/2024

Client Sample No.: CCAL06 Date Analyzed: 11/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108159.D Time Analyzed: 23:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.719	4.620	4.820	547.280	500.000	9.5
Aroclor-1016-2	4.738	4.639	4.839	549.370	500.000	9.9
Aroclor-1016-3	4.914	4.815	5.015	546.590	500.000	9.3
Aroclor-1016-4	4.956	4.856	5.056	532.480	500.000	6.5
Aroclor-1016-5	5.169	5.070	5.270	557.300	500.000	11.5
Aroclor-1260-1	6.200	6.100	6.300	549.930	500.000	10.0
Aroclor-1260-2	6.388	6.288	6.488	546.610	500.000	9.3
Aroclor-1260-3	6.541	6.441	6.641	538.450	500.000	7.7
Aroclor-1260-4	7.013	6.912	7.112	537.050	500.000	7.4
Aroclor-1260-5	7.254	7.154	7.354	536.090	500.000	7.2
Decachlorobiphenyl	8.636	8.535	8.735	50.810	50.000	1.6
Tetrachloro-m-xylene	3.638	3.539	3.739	56.020	50.000	12.0

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 11/18/2024 11/18/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2024	15:16	PO108037.D	10.09	4.37
AR1660ICC1000	AR1660ICC1000	11/18/2024	15:32	PO108038.D	10.09	4.37
AR1660ICC750	AR1660ICC750	11/18/2024	15:48	PO108039.D	10.09	4.37
AR1660ICC500	AR1660ICC500	11/18/2024	16:05	PO108040.D	10.09	4.37
AR1660ICC250	AR1660ICC250	11/18/2024	16:21	PO108041.D	10.09	4.37
AR1660ICC050	AR1660ICC050	11/18/2024	16:37	PO108042.D	10.09	4.37
AR1221ICC500	AR1221ICC500	11/18/2024	16:53	PO108043.D	10.09	4.37
AR1232ICC500	AR1232ICC500	11/18/2024	17:09	PO108044.D	10.09	4.37
AR1242ICC1000	AR1242ICC1000	11/18/2024	17:25	PO108045.D	10.09	4.37
AR1242ICC750	AR1242ICC750	11/18/2024	17:42	PO108046.D	10.09	4.37
AR1242ICC500	AR1242ICC500	11/18/2024	17:58	PO108047.D	10.09	4.37
AR1242ICC250	AR1242ICC250	11/18/2024	18:14	PO108048.D	10.09	4.37
AR1242ICC050	AR1242ICC050	11/18/2024	18:30	PO108049.D	10.09	4.37
AR1248ICC1000	AR1248ICC1000	11/18/2024	18:47	PO108050.D	10.09	4.37
AR1248ICC750	AR1248ICC750	11/18/2024	19:03	PO108051.D	10.09	4.37
AR1248ICC500	AR1248ICC500	11/18/2024	19:19	PO108052.D	10.09	4.37
AR1248ICC250	AR1248ICC250	11/18/2024	19:35	PO108053.D	10.09	4.37
AR1248ICC050	AR1248ICC050	11/18/2024	19:51	PO108054.D	10.09	4.37
AR1254ICC1000	AR1254ICC1000	11/18/2024	20:07	PO108055.D	10.09	4.37
AR1254ICC750	AR1254ICC750	11/18/2024	20:24	PO108056.D	10.09	4.37
AR1254ICC500	AR1254ICC500	11/18/2024	20:40	PO108057.D	10.09	4.37
AR1254ICC250	AR1254ICC250	11/18/2024	20:56	PO108058.D	10.09	4.37
AR1254ICC050	AR1254ICC050	11/18/2024	21:12	PO108059.D	10.09	4.37
AR1262ICC500	AR1262ICC500	11/18/2024	21:28	PO108060.D	10.09	4.37
AR1268ICC1000	AR1268ICC1000	11/18/2024	21:45	PO108061.D	10.09	4.37
AR1268ICC750	AR1268ICC750	11/18/2024	22:02	PO108062.D	10.09	4.37
AR1268ICC500	AR1268ICC500	11/18/2024	22:19	PO108063.D	10.09	4.37
AR1268ICC250	AR1268ICC250	11/18/2024	22:35	PO108064.D	10.09	4.37
AR1268ICC050	AR1268ICC050	11/18/2024	22:51	PO108065.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/19/2024	09:37	PO108090.D	10.10	4.37
IBLK	IBLK	11/19/2024	10:42	PO108094.D	10.09	4.37
WB-310-TOP	P4892-01	11/19/2024	14:40	PO108097.D	10.09	4.37
WB-310-BOT	P4892-02	11/19/2024	14:57	PO108098.D	10.09	4.37
MH-763MS	P4893-01MS	11/19/2024	15:30	PO108100.D	10.09	4.37
MH-763MSD	P4893-01MSD	11/19/2024	15:47	PO108101.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/19/2024	16:34	PO108103.D	10.09	4.37
IBLK	IBLK	11/19/2024	17:40	PO108107.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	09:21	PO108119.D	10.10	4.37
IBLK	IBLK	11/20/2024	10:27	PO108123.D	10.09	4.37
PB165082BL	PB165082BL	11/20/2024	11:12	PO108124.D	10.09	4.37
PB165082BS	PB165082BS	11/20/2024	11:29	PO108125.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	14:51	PO108134.D	10.09	4.37

Analytical Sequence

I.BLK	I.BLK	11/20/2024	15:56	PO108138.D	10.10	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	19:38	PO108149.D	10.09	4.37
I.BLK	I.BLK	11/20/2024	20:44	PO108153.D	10.10	4.37
PB165133BL	PB165133BL	11/20/2024	21:00	PO108154.D	10.09	4.37
PB165133BS	PB165133BS	11/20/2024	21:16	PO108155.D	10.09	4.37
PB165133BSD	PB165133BSD	11/20/2024	21:33	PO108156.D	10.09	4.37
WB-310-SW	P4892-04	11/20/2024	21:49	PO108157.D	10.09	4.37
AR1660CCC500	AR1660CCC500	11/20/2024	23:06	PO108159.D	10.10	4.37
I.BLK	I.BLK	11/21/2024	00:12	PO108163.D	10.09	4.37

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4892
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 11/18/2024 11/18/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/18/2024	15:16	PO108037.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	11/18/2024	15:32	PO108038.D	8.64	3.64
AR1660ICC750	AR1660ICC750	11/18/2024	15:48	PO108039.D	8.63	3.64
AR1660ICC500	AR1660ICC500	11/18/2024	16:05	PO108040.D	8.64	3.64
AR1660ICC250	AR1660ICC250	11/18/2024	16:21	PO108041.D	8.63	3.64
AR1660ICC050	AR1660ICC050	11/18/2024	16:37	PO108042.D	8.64	3.64
AR1221ICC500	AR1221ICC500	11/18/2024	16:53	PO108043.D	8.63	3.64
AR1232ICC500	AR1232ICC500	11/18/2024	17:09	PO108044.D	8.63	3.64
AR1242ICC1000	AR1242ICC1000	11/18/2024	17:25	PO108045.D	8.63	3.64
AR1242ICC750	AR1242ICC750	11/18/2024	17:42	PO108046.D	8.63	3.64
AR1242ICC500	AR1242ICC500	11/18/2024	17:58	PO108047.D	8.63	3.64
AR1242ICC250	AR1242ICC250	11/18/2024	18:14	PO108048.D	8.64	3.64
AR1242ICC050	AR1242ICC050	11/18/2024	18:30	PO108049.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	11/18/2024	18:47	PO108050.D	8.64	3.64
AR1248ICC750	AR1248ICC750	11/18/2024	19:03	PO108051.D	8.63	3.64
AR1248ICC500	AR1248ICC500	11/18/2024	19:19	PO108052.D	8.64	3.64
AR1248ICC250	AR1248ICC250	11/18/2024	19:35	PO108053.D	8.63	3.64
AR1248ICC050	AR1248ICC050	11/18/2024	19:51	PO108054.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	11/18/2024	20:07	PO108055.D	8.64	3.64
AR1254ICC750	AR1254ICC750	11/18/2024	20:24	PO108056.D	8.64	3.64
AR1254ICC500	AR1254ICC500	11/18/2024	20:40	PO108057.D	8.63	3.64
AR1254ICC250	AR1254ICC250	11/18/2024	20:56	PO108058.D	8.64	3.64
AR1254ICC050	AR1254ICC050	11/18/2024	21:12	PO108059.D	8.64	3.64
AR1262ICC500	AR1262ICC500	11/18/2024	21:28	PO108060.D	8.63	3.64
AR1268ICC1000	AR1268ICC1000	11/18/2024	21:45	PO108061.D	8.64	3.64
AR1268ICC750	AR1268ICC750	11/18/2024	22:02	PO108062.D	8.64	3.64
AR1268ICC500	AR1268ICC500	11/18/2024	22:19	PO108063.D	8.63	3.64
AR1268ICC250	AR1268ICC250	11/18/2024	22:35	PO108064.D	8.63	3.64
AR1268ICC050	AR1268ICC050	11/18/2024	22:51	PO108065.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/19/2024	09:37	PO108090.D	8.63	3.64
IBLK	IBLK	11/19/2024	10:42	PO108094.D	8.63	3.64
WB-310-TOP	P4892-01	11/19/2024	14:40	PO108097.D	8.63	3.64
WB-310-BOT	P4892-02	11/19/2024	14:57	PO108098.D	8.63	3.64
MH-763MS	P4893-01MS	11/19/2024	15:30	PO108100.D	8.64	3.64
MH-763MSD	P4893-01MSD	11/19/2024	15:47	PO108101.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/19/2024	16:34	PO108103.D	8.63	3.64
IBLK	IBLK	11/19/2024	17:40	PO108107.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	09:21	PO108119.D	8.64	3.64
IBLK	IBLK	11/20/2024	10:27	PO108123.D	8.63	3.64
PB165082BL	PB165082BL	11/20/2024	11:12	PO108124.D	8.63	3.64
PB165082BS	PB165082BS	11/20/2024	11:29	PO108125.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	14:51	PO108134.D	8.63	3.64

Analytical Sequence

I.BLK	I.BLK	11/20/2024	15:56	PO108138.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	19:38	PO108149.D	8.63	3.64
I.BLK	I.BLK	11/20/2024	20:44	PO108153.D	8.63	3.64
PB165133BL	PB165133BL	11/20/2024	21:00	PO108154.D	8.63	3.64
PB165133BS	PB165133BS	11/20/2024	21:16	PO108155.D	8.63	3.64
PB165133BSD	PB165133BSD	11/20/2024	21:33	PO108156.D	8.64	3.64
WB-310-SW	P4892-04	11/20/2024	21:49	PO108157.D	8.63	3.64
AR1660CCC500	AR1660CCC500	11/20/2024	23:06	PO108159.D	8.64	3.64
I.BLK	I.BLK	11/21/2024	00:12	PO108163.D	8.64	3.64

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-763MS

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: P4893-01MS Date(s) Analyzed: 11/19/2024 11/19/2024

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 PO108100.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.527	5.477	5.577	185	181	1.64
COLUMN 1	2	5.55	5.5	5.6	177		
	3	5.613	5.563	5.663	175		
	4	5.71	5.66	5.76	189		
	5	6.006	5.956	6.056	180		
	1	4.719	4.669	4.769	182		
COLUMN 2	2	4.739	4.689	4.789	185	184	
	3	4.914	4.864	4.964	188		
	4	4.955	4.905	5.005	185		
	5	5.169	5.119	5.219	180		
Aroclor-1260	1	7.14	7.09	7.19	202	190	4.85
COLUMN 1	2	7.397	7.347	7.447	204		
	3	7.76	7.71	7.81	169		
	4	7.986	7.936	8.036	190		
	5	8.302	8.252	8.352	184		
	1	6.2	6.15	6.25	192	181	
COLUMN 2	2	6.388	6.338	6.438	190		
	3	6.541	6.491	6.591	191		
	4	7.012	6.962	7.062	165		
	5	7.253	7.203	7.303	166		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-763MSD

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: P4893-01MSD Date(s) Analyzed: 11/19/2024 11/19/2024

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 PO108101.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.525	5.475	5.575	185	180	1.65
COLUMN 1	2	5.547	5.497	5.597	175		
	3	5.61	5.56	5.66	174		
	4	5.707	5.657	5.757	189		
	5	6.003	5.953	6.053	179		
	1	4.717	4.667	4.767	180		
COLUMN 2	2	4.736	4.686	4.786	184	183	
	3	4.913	4.863	4.963	188		
	4	4.954	4.904	5.004	185		
	5	5.168	5.118	5.218	179		
Aroclor-1260	1	7.135	7.085	7.185	201	192	7.01
COLUMN 1	2	7.394	7.344	7.444	205		
	3	7.756	7.706	7.806	170		
	4	7.982	7.932	8.032	196		
	5	8.297	8.247	8.347	187		
	1	6.199	6.149	6.249	190	179	
COLUMN 2	2	6.386	6.336	6.436	188		
	3	6.539	6.489	6.589	189		
	4	7.011	6.961	7.061	163		
	5	7.253	7.203	7.303	164		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165082BS

Contract: PORT06

Lab Code: CHEM

Case No.: P4892

SAS No.: P4892

SDG NO.: P4892

Lab Sample ID: PB165082BS

Date(s) Analyzed: 11/20/2024

11/20/2024

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 PO108125.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.527	5.477	5.577	172	171	0
COLUMN 1	2	5.55	5.5	5.6	173		
	3	5.612	5.562	5.662	167		
	4	5.709	5.659	5.759	173		
	5	6.006	5.956	6.056	171		
	1	4.718	4.668	4.768	172		
COLUMN 2	2	4.737	4.687	4.787	174	171	
	3	4.914	4.864	4.964	173		
	4	4.955	4.905	5.005	169		
	5	5.168	5.118	5.218	166		
Aroclor-1260	1	7.139	7.089	7.189	178	173	4.13
COLUMN 1	2	7.397	7.347	7.447	190		
	3	7.76	7.71	7.81	157		
	4	7.984	7.934	8.034	176		
	5	8.3	8.25	8.35	166		
	1	6.2	6.15	6.25	175	166	
COLUMN 2	2	6.388	6.338	6.438	175		
	3	6.541	6.491	6.591	175		
	4	7.012	6.962	7.062	151		
	5	7.253	7.203	7.303	152		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165133BS

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165133BS Date(s) Analyzed: 11/20/2024 11/20/2024

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 PO108155.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.525	5.475	5.575	4.91	4.80	2.06
COLUMN 1	2	5.548	5.498	5.598	4.88		
	3	5.611	5.561	5.661	4.72		
	4	5.708	5.658	5.758	4.91		
	5	6.005	5.955	6.055	4.78		
	1	4.719	4.669	4.769	4.99		
COLUMN 2	2	4.737	4.687	4.787	5.07	4.90	
	3	4.914	4.864	4.964	4.85		
	4	4.955	4.905	5.005	4.81		
	5	5.169	5.119	5.219	4.79		
Aroclor-1260	1	7.138	7.088	7.188	5.14	4.90	4.17
COLUMN 1	2	7.396	7.346	7.446	5.27		
	3	7.759	7.709	7.809	4.49		
	4	7.984	7.934	8.034	4.84		
	5	8.301	8.251	8.351	4.63		
	1	6.2	6.15	6.25	5.08		
COLUMN 2	2	6.387	6.337	6.437	5.02	4.70	
	3	6.54	6.49	6.59	5.00		
	4	7.011	6.961	7.061	4.31		
	5	7.252	7.202	7.302	4.30		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165133BSD

Contract: PORT06

Lab Code: CHEM Case No.: P4892 SAS No.: P4892 SDG NO.: P4892

Lab Sample ID: PB165133BSD Date(s) Analyzed: 11/20/2024 11/20/2024

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 PO108156.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.526	5.476	5.576	4.89	4.90	0
COLUMN 1	2	5.549	5.499	5.599	4.92		
	3	5.612	5.562	5.662	4.74		
	4	5.709	5.659	5.759	4.90		
	5	6.005	5.955	6.055	4.83		
	1	4.719	4.669	4.769	5.00		
COLUMN 2	2	4.738	4.688	4.788	5.06	4.90	
	3	4.915	4.865	4.965	4.88		
	4	4.956	4.906	5.006	4.86		
	5	5.169	5.119	5.219	4.81		
Aroclor-1260	1	7.139	7.089	7.189	5.22	4.90	4.17
COLUMN 1	2	7.396	7.346	7.446	5.32		
	3	7.76	7.71	7.81	4.50		
	4	7.985	7.935	8.035	4.78		
	5	8.3	8.25	8.35	4.63		
	1	6.2	6.15	6.25	5.04	4.70	
COLUMN 2	2	6.388	6.338	6.438	4.99		
	3	6.541	6.491	6.591	5.00		
	4	7.012	6.962	7.062	4.30		
	5	7.253	7.203	7.303	4.29		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
 Data File : PO108097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 14:40
 Operator : YP/AJ
 Sample : P4892-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WB-310-TOP

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:12:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.369	3.638	125.3E6	49854878	14.391m	14.705
2) SA Decachlor...	10.091	8.633	45187961	41123449	14.795	12.089m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
Data File : PO108097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:40
Operator : YP/AJ
Sample : P4892-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WB-310-TOP

Manual Integrations

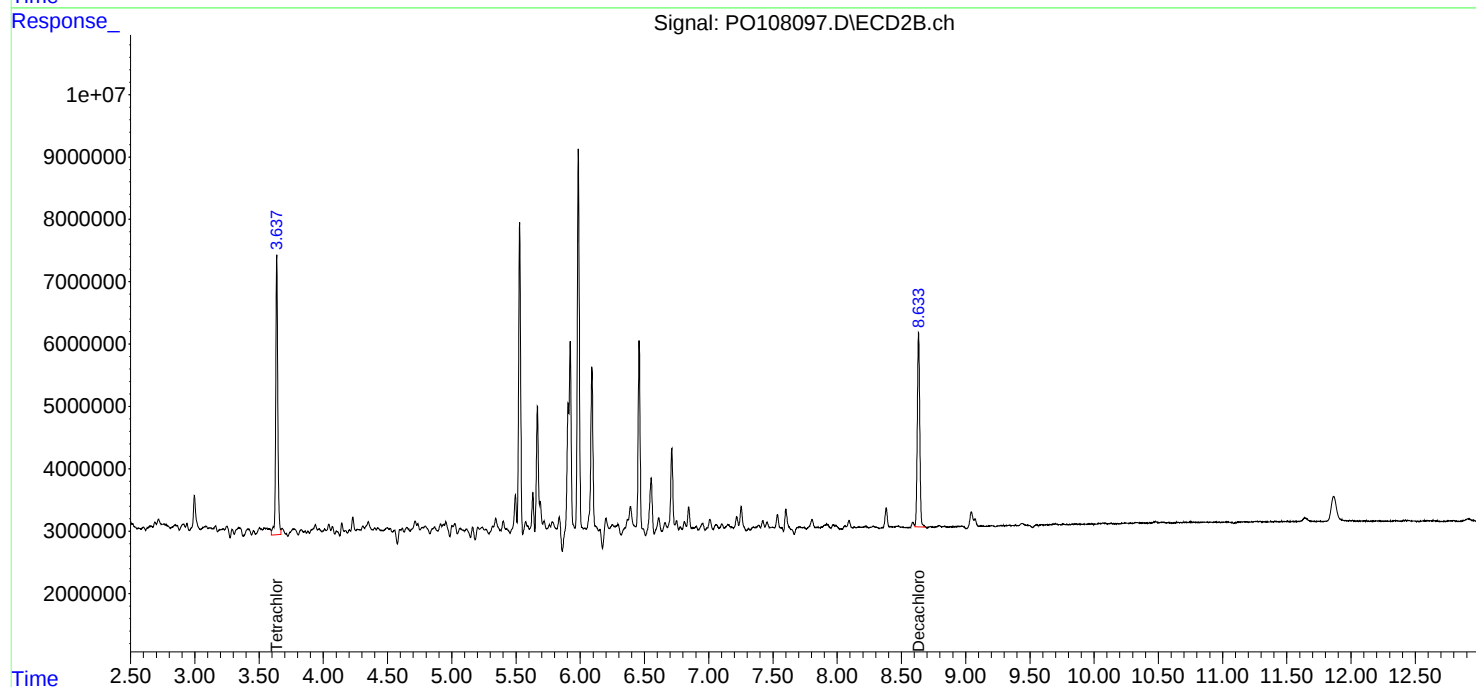
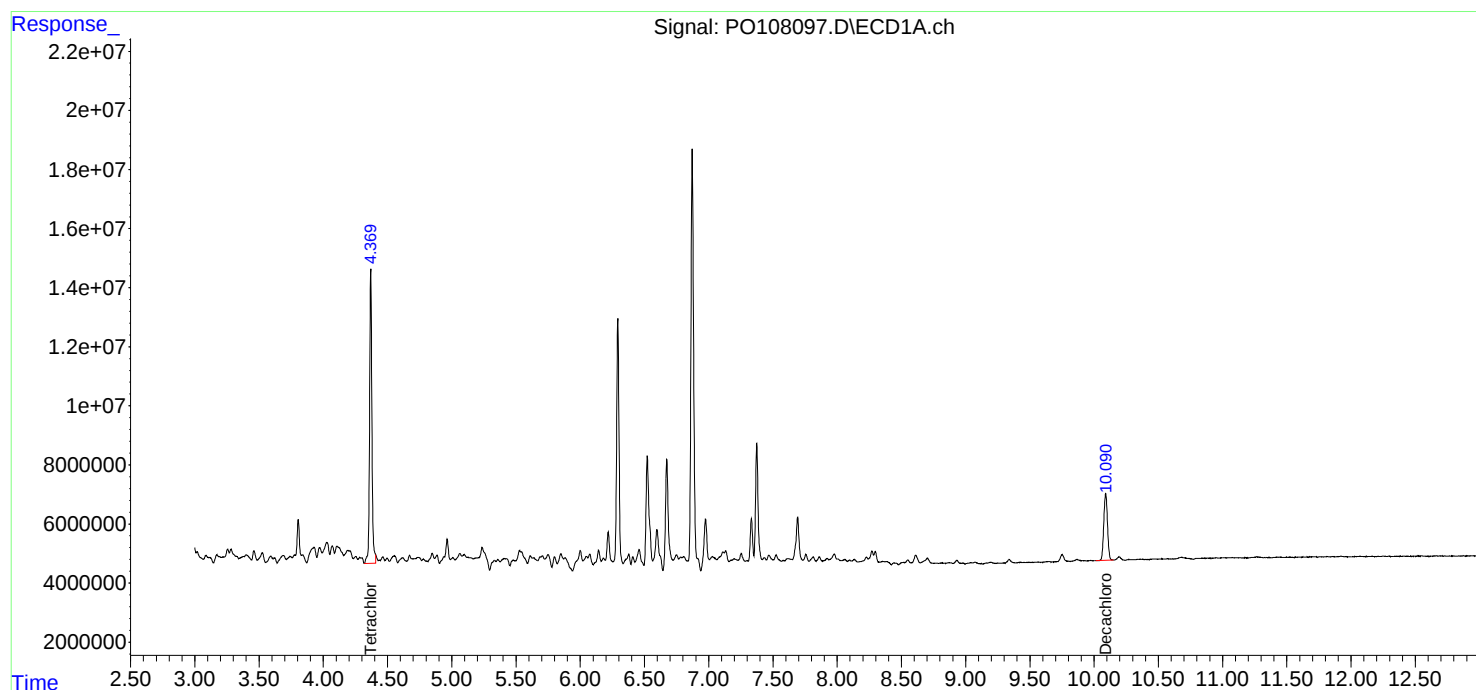
APPROVED

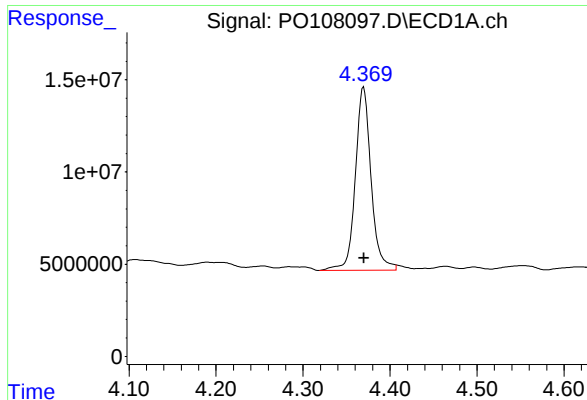
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:12:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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





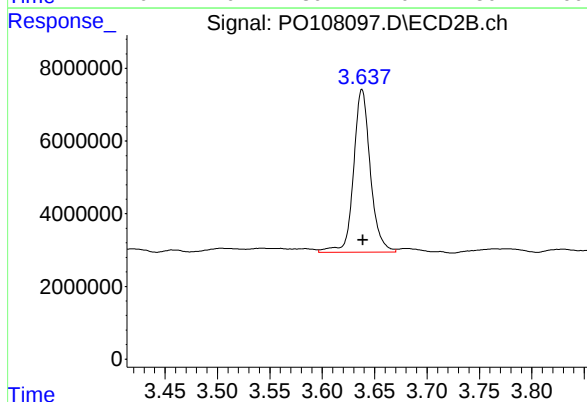
#1 Tetrachloro-m-xylene

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 125293430
Conc: 14.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-310-TOP

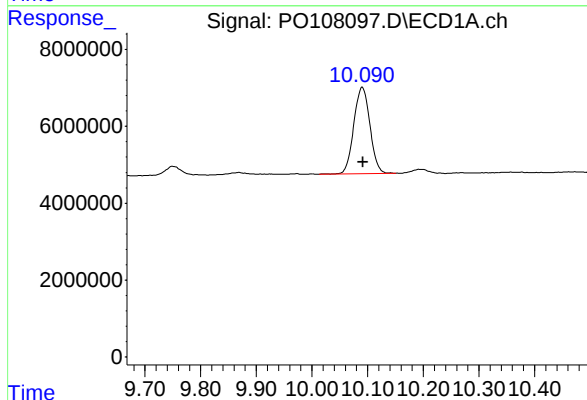
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



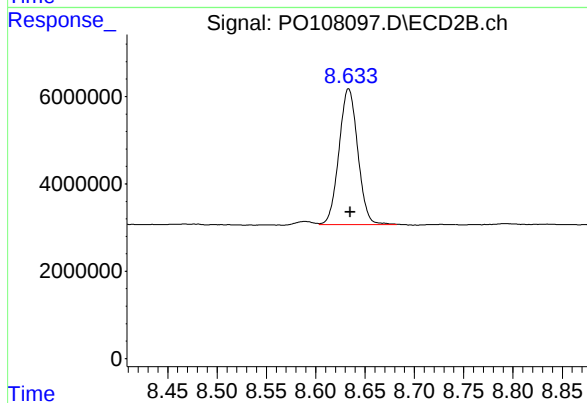
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 49854878
Conc: 14.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 45187961
Conc: 14.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.002 min
Response: 41123449
Conc: 12.09 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
Data File : PO108098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:57
Operator : YP/AJ
Sample : P4892-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-310-BOT

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:12:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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...	4.372	3.637	167.5E6	63664279	19.234	18.778
2) SA Decachlor...	10.093	8.634	65719656	62934896	21.518	18.501

Target Compounds

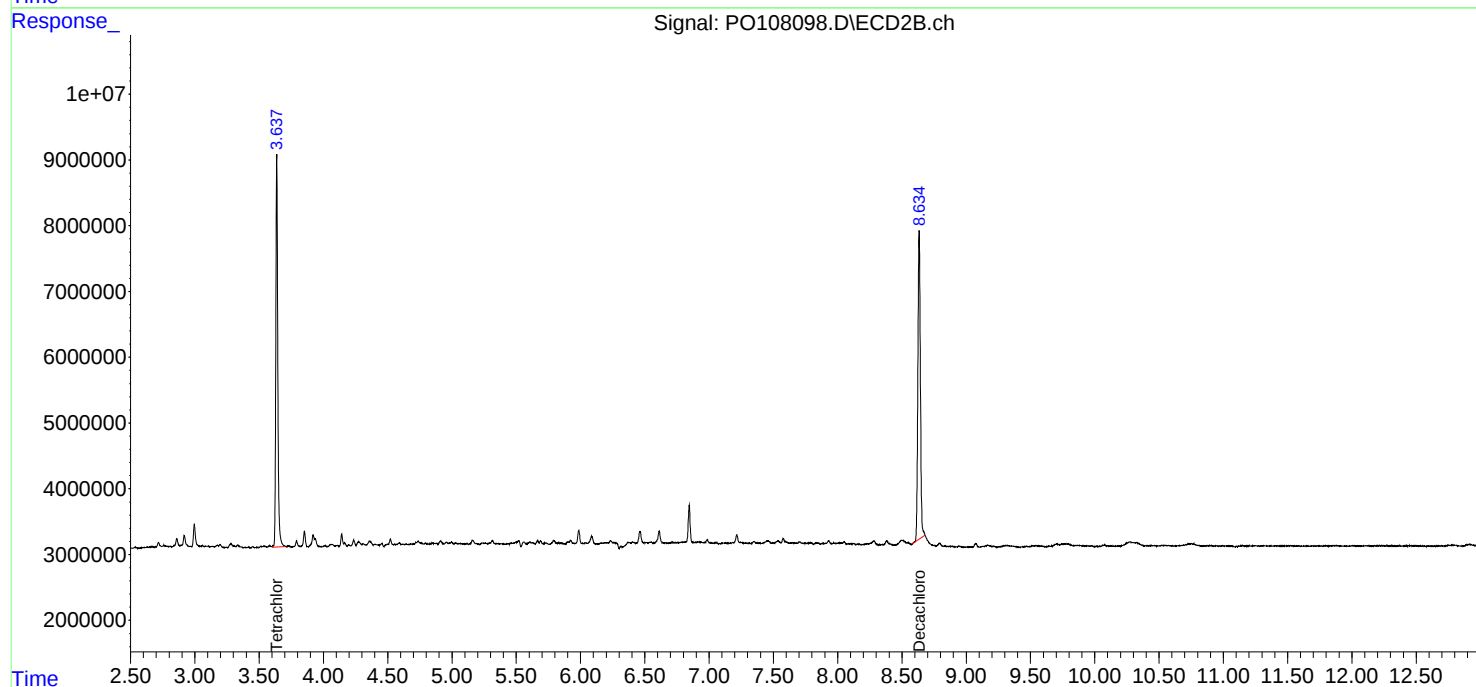
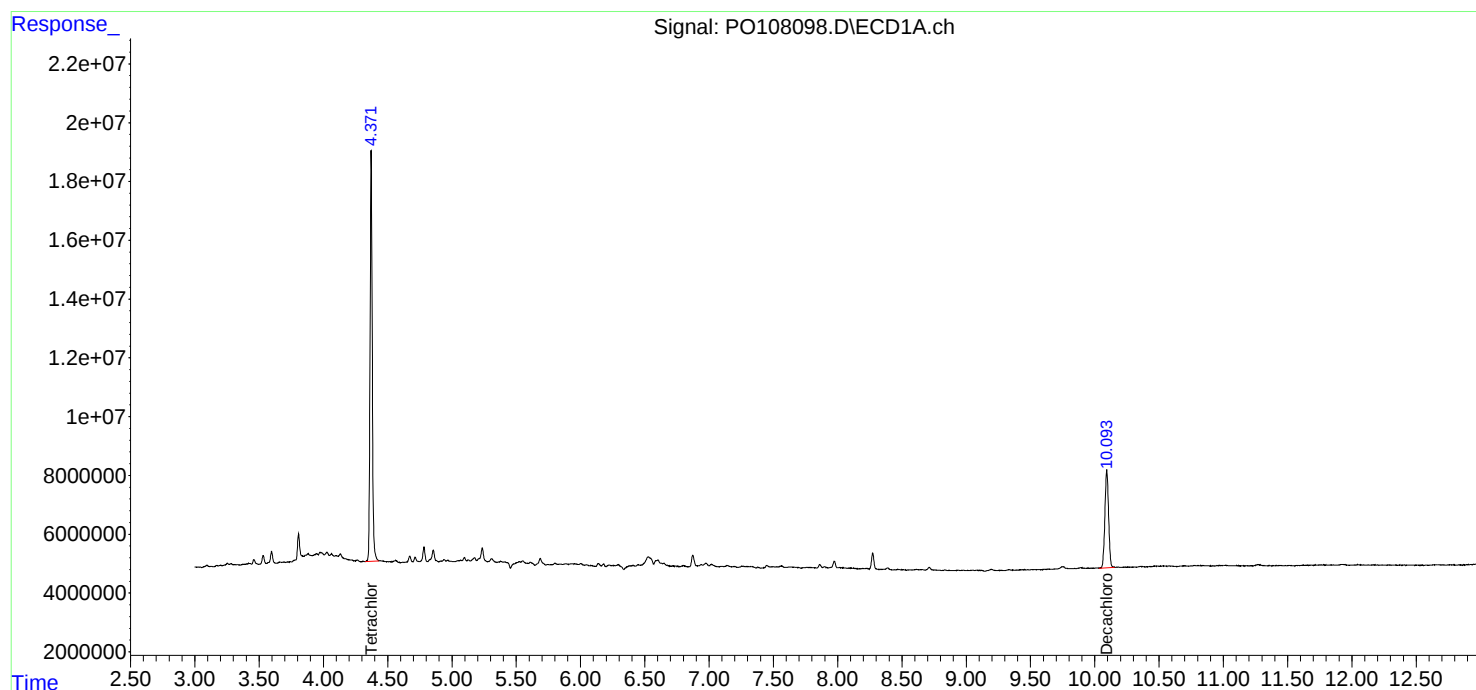
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

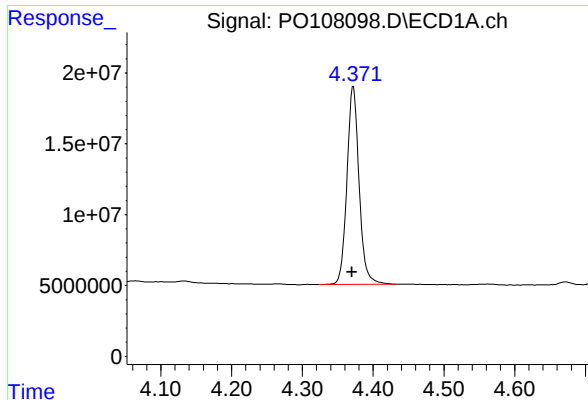
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
Data File : PO108098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:57
Operator : YP/AJ
Sample : P4892-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-310-BOT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:12:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

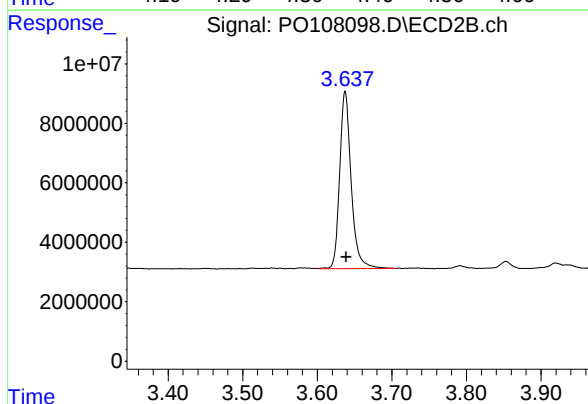




#1 Tetrachloro-m-xylene

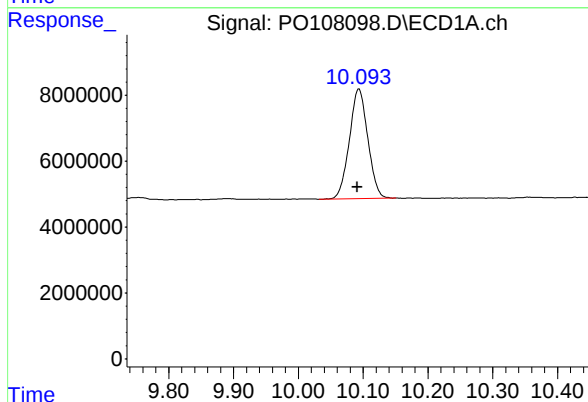
R.T.: 4.372 min
Delta R.T.: 0.002 min
Response: 167450812
Conc: 19.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-310-BOT



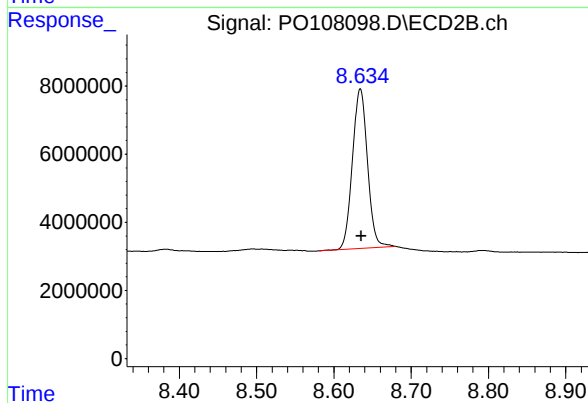
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.001 min
Response: 63664279
Conc: 18.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 65719656
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.001 min
Response: 62934896
Conc: 18.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 21:49
 Operator : YP/AJ
 Sample : P4892-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-310-SW

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:14:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.371	3.639	223.7E6	86451045	25.696	25.499
2) SA Decachlor...	10.094	8.634	75545035	74951572	24.735	22.033

Target Compounds

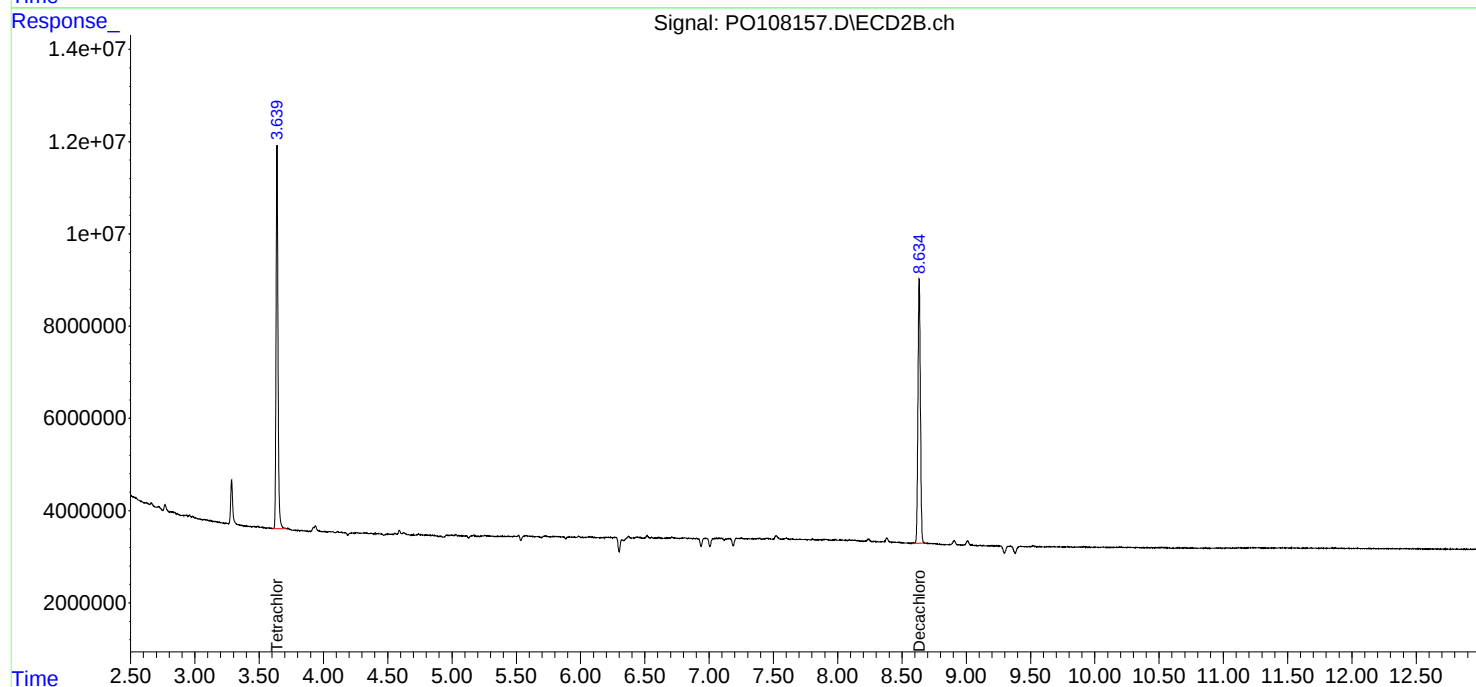
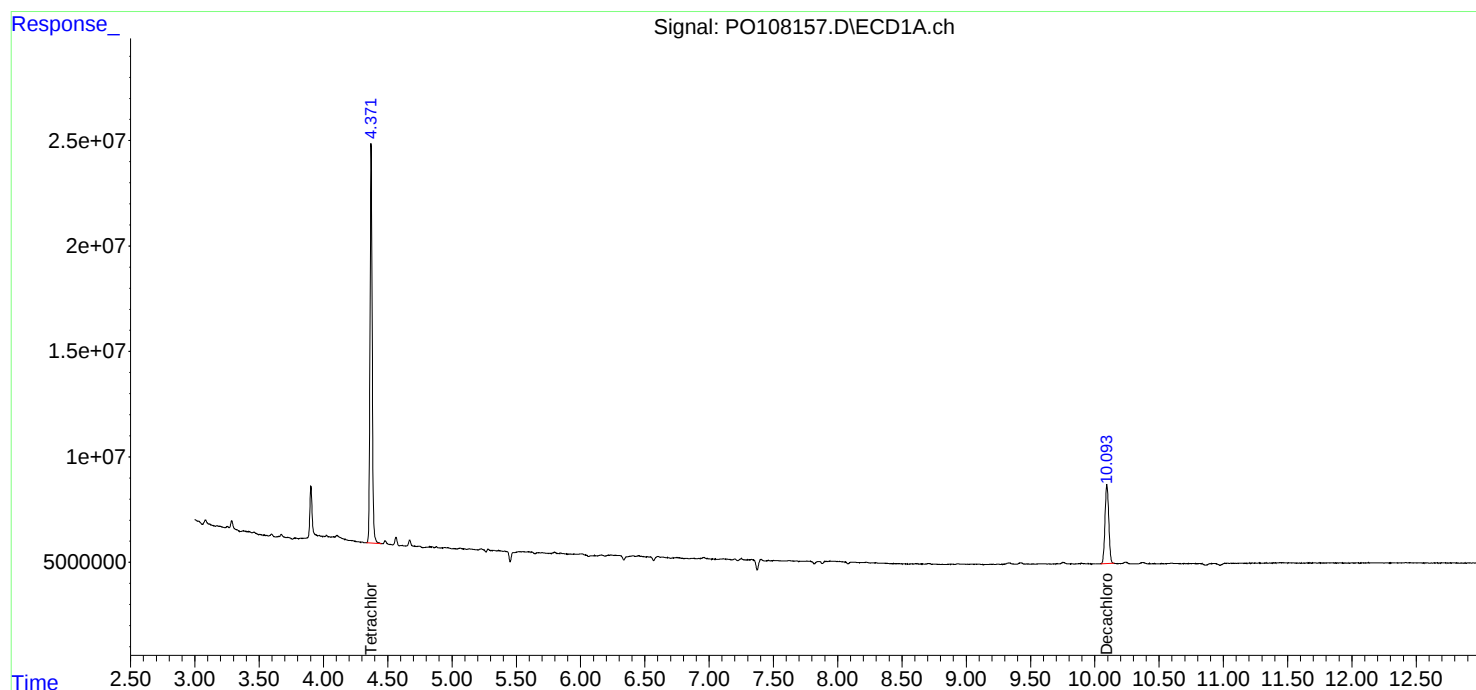
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

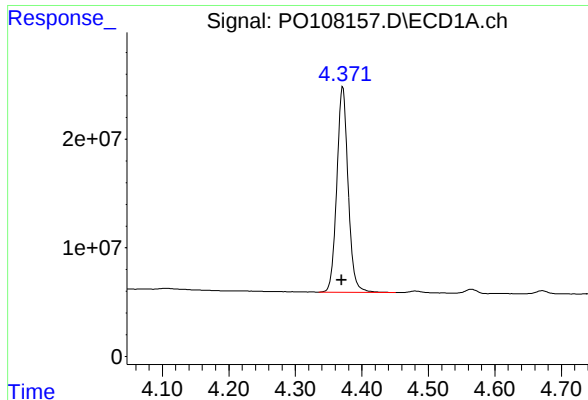
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 21:49
Operator : YP/AJ
Sample : P4892-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-310-SW

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:14:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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

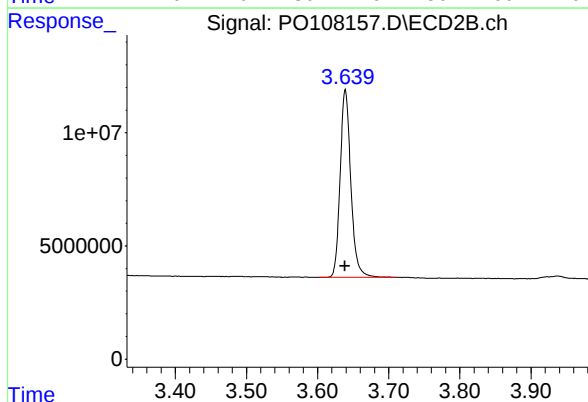




#1 Tetrachloro-m-xylene

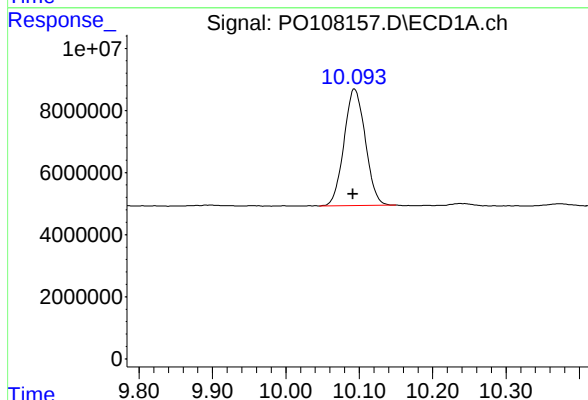
R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 223715690
Conc: 25.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-310-SW



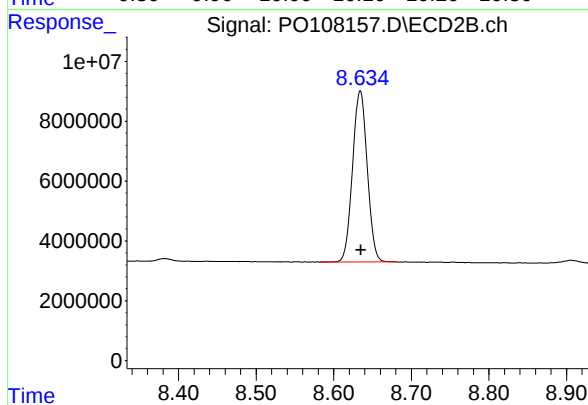
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 86451045
Conc: 25.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.002 min
Response: 75545035
Conc: 24.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.001 min
Response: 74951572
Conc: 22.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 11:12
 Operator : YP/AJ
 Sample : PB165082BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165082BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:05:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.371	3.637	201.2E6	75984453	23.105	22.412
2) SA Decachlor...	10.093	8.633	79369461	78967203	25.987	23.214

Target Compounds

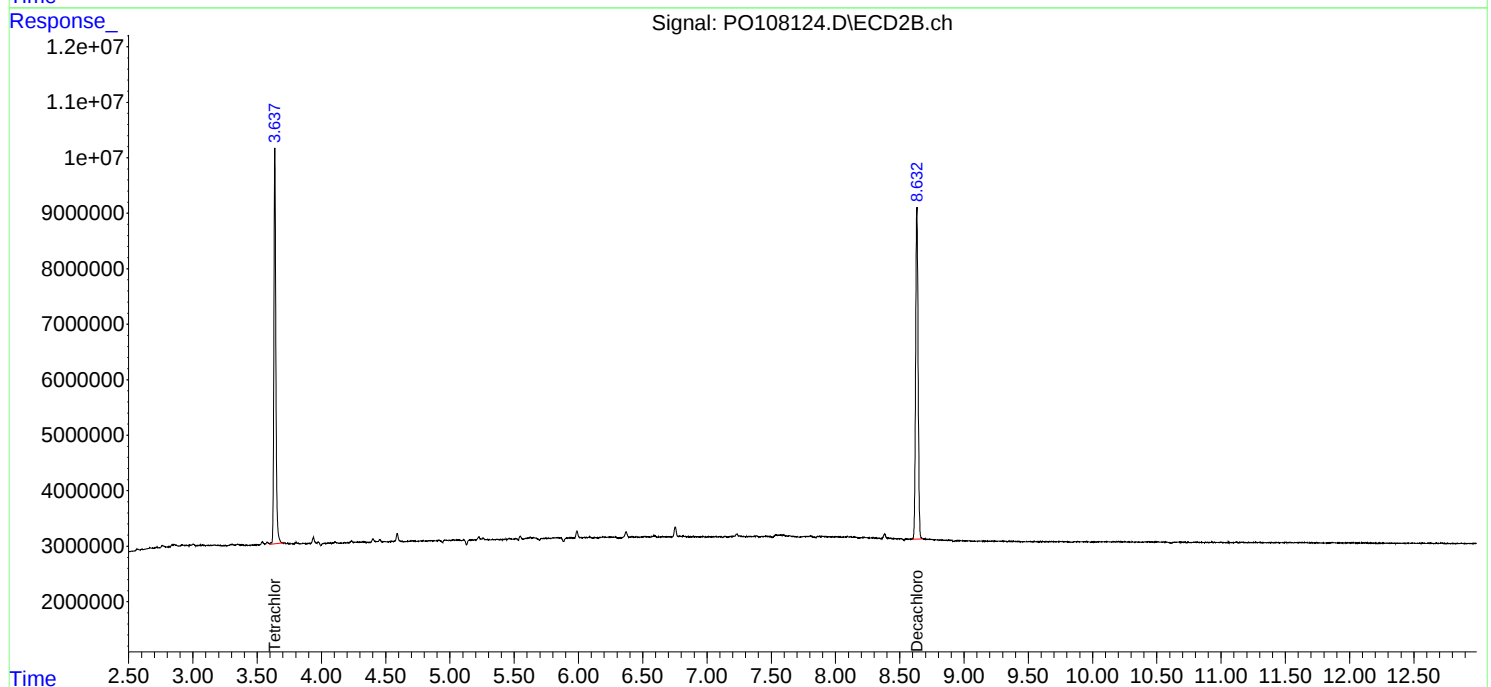
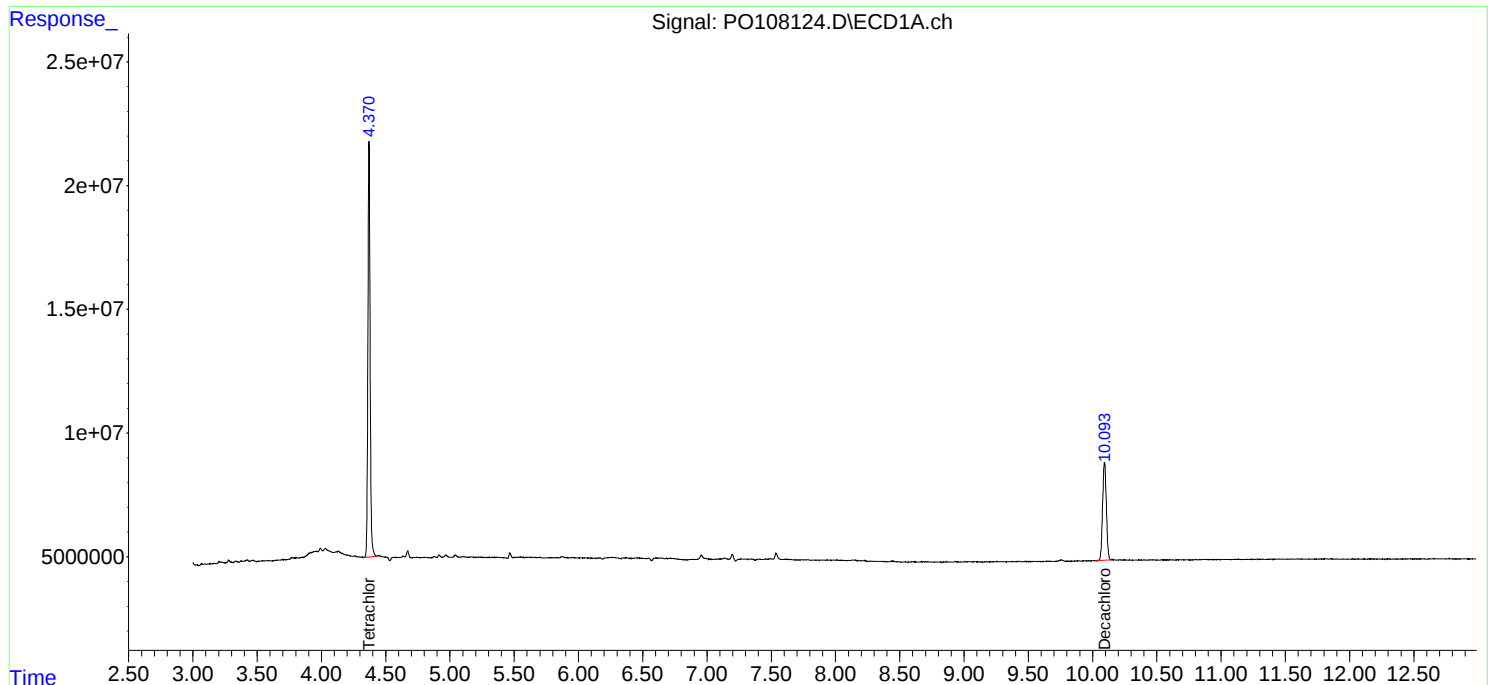
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

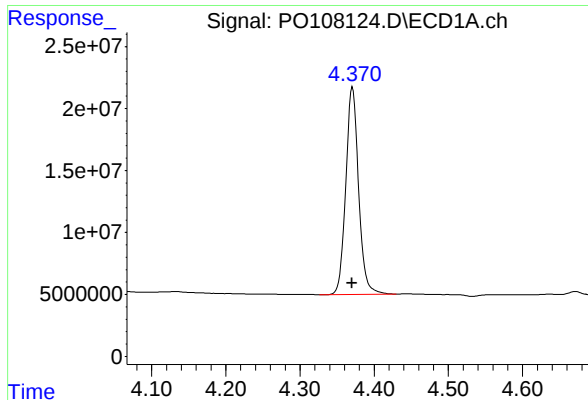
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 11:12
Operator : YP/AJ
Sample : PB165082BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165082BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:05:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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

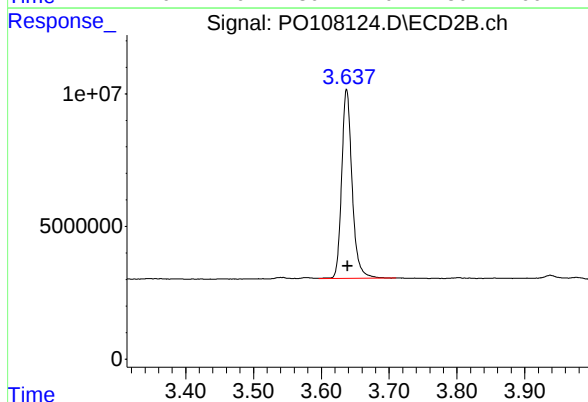




#1 Tetrachloro-m-xylene

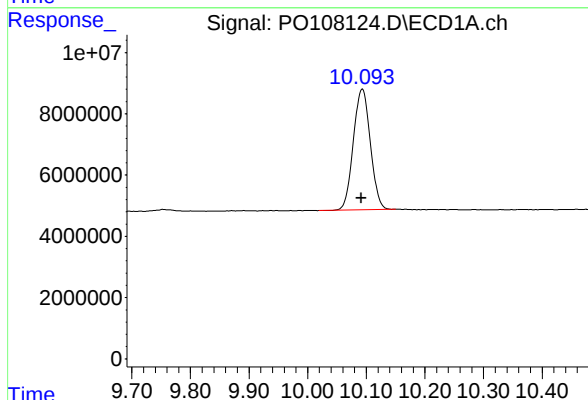
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 201157919
Conc: 23.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB165082BL



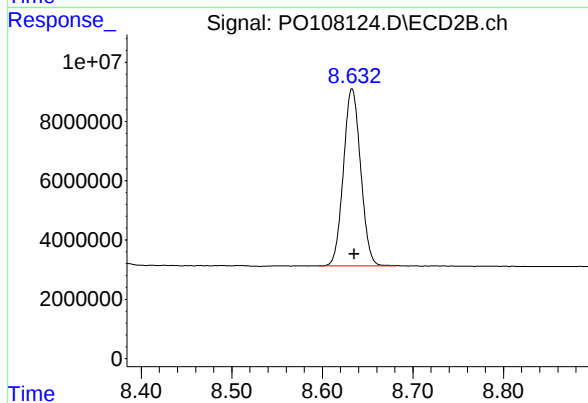
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.001 min
Response: 75984453
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 79369461
Conc: 25.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.003 min
Response: 78967203
Conc: 23.21 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 21:00
 Operator : YP/AJ
 Sample : PB165133BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165133BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:13:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.370	3.638	188.6E6	73134440	21.662	21.571
2) SA Decachlor...	10.093	8.634	72802458	71215896	23.837	20.935

Target Compounds

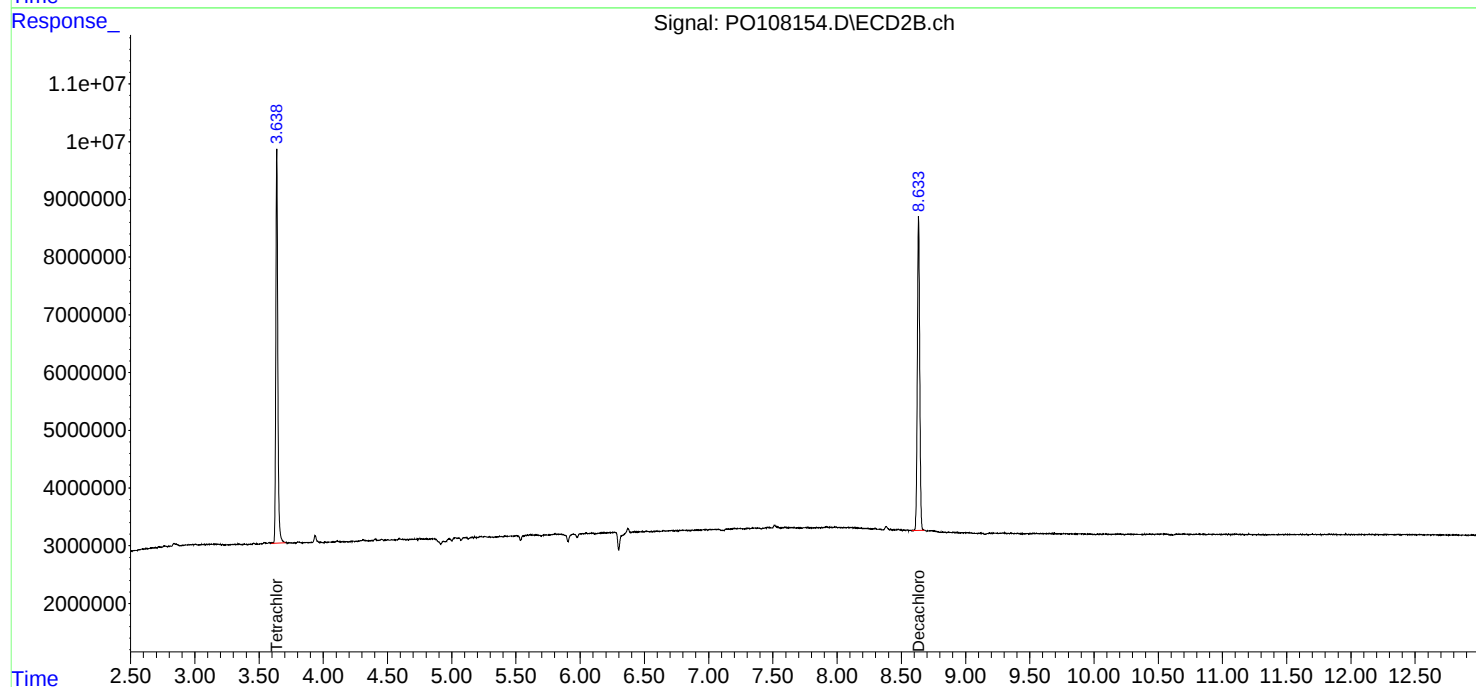
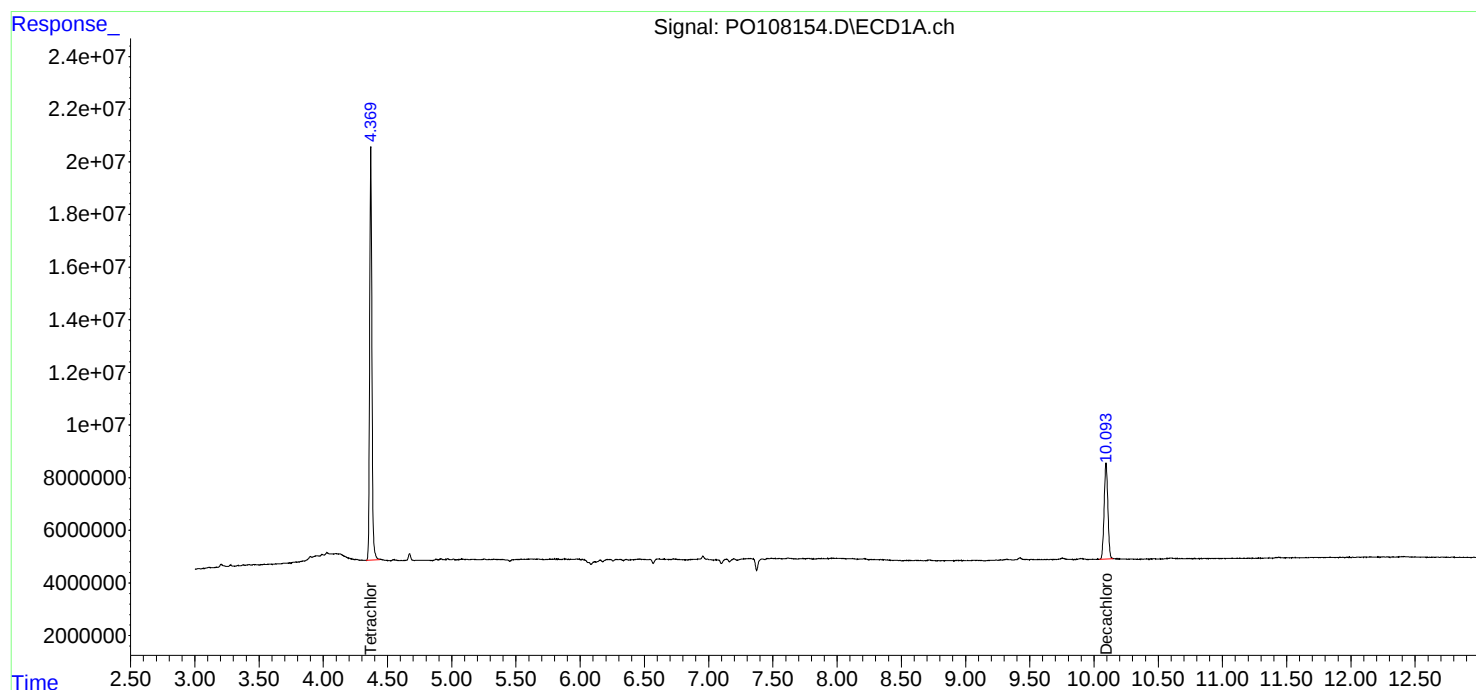
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

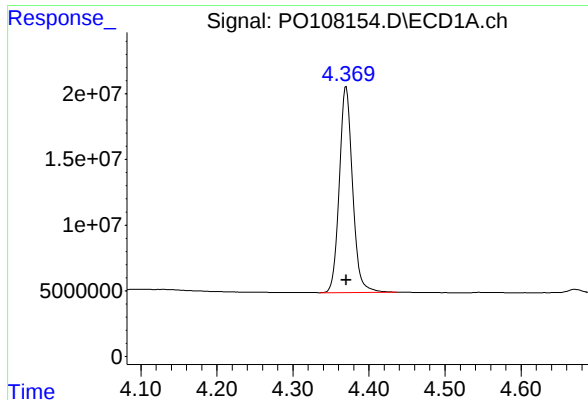
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 21:00
Operator : YP/AJ
Sample : PB165133BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165133BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:13:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

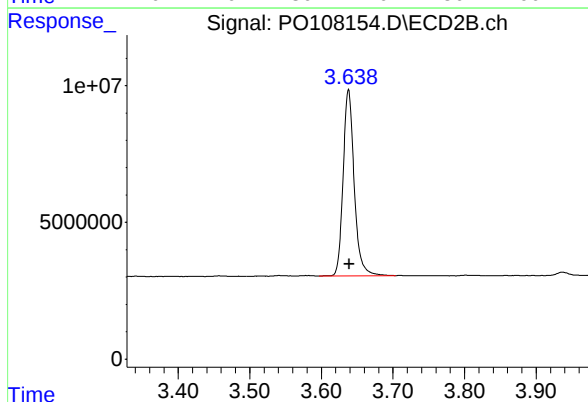




#1 Tetrachloro-m-xylene

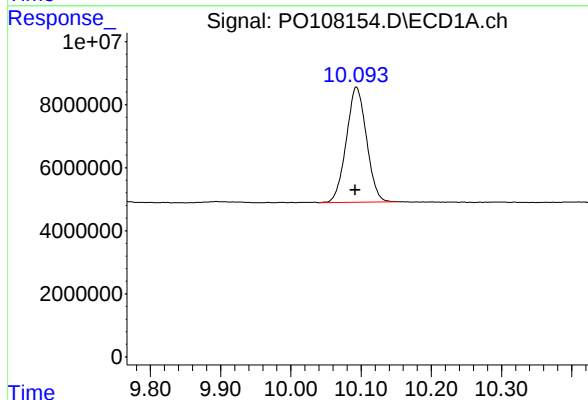
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 188587157
Conc: 21.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB165133BL



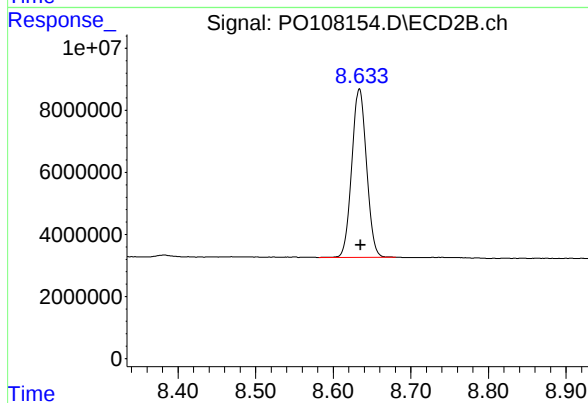
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 73134440
Conc: 21.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 72802458
Conc: 23.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.002 min
Response: 71215896
Conc: 20.94 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 11:29
 Operator : YP/AJ
 Sample : PB165082BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB165082BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:05:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.372	3.637	201.6E6	72025446	23.157	21.244
2) SA Decachlor...	10.093	8.635	79247642	77920009	25.947	22.906
Target Compounds						
3) L1 AR-1016-1	5.527	4.718	139.2E6	56478828	517.795	516.856
4) L1 AR-1016-2	5.550	4.737	201.7E6	79721033	520.269	521.385
5) L1 AR-1016-3	5.612	4.914	125.6E6	42768563	502.597	520.525
6) L1 AR-1016-4	5.709	4.955	101.6E6	32372330	520.559	508.417
7) L1 AR-1016-5	6.006	5.168	95229708	43322549	513.561	499.702
31) L7 AR-1260-1	7.139	6.200	146.6E6	85169862	534.175	525.932
32) L7 AR-1260-2	7.397	6.388	161.2E6	103.5E6	569.581	525.738
33) L7 AR-1260-3	7.760	6.541	101.3E6	97866292	471.469	525.810
34) L7 AR-1260-4	7.984	7.012	117.1E6	72710282	527.290m	454.455
35) L7 AR-1260-5	8.300	7.253	190.0E6	179.3E6	498.071	456.644

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 11:29
Operator : YP/AJ
Sample : PB165082BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB165082BS

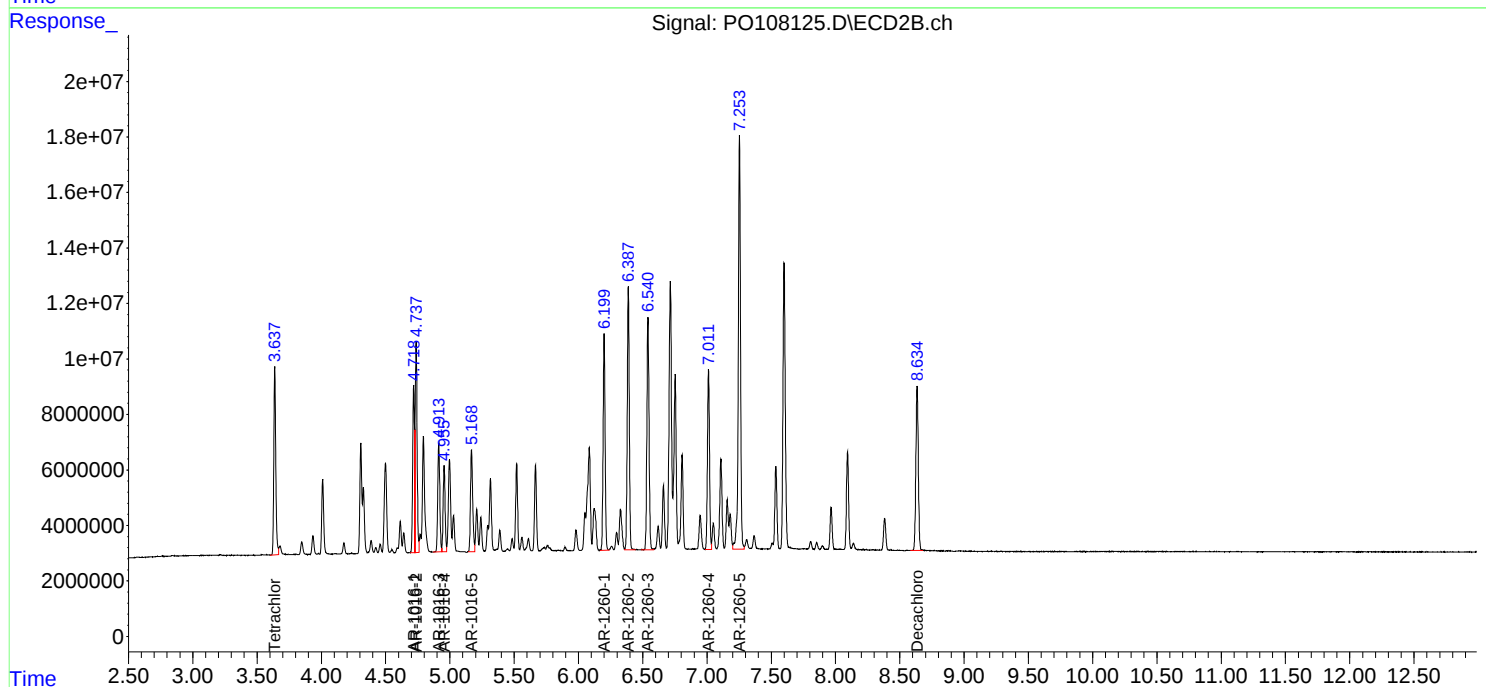
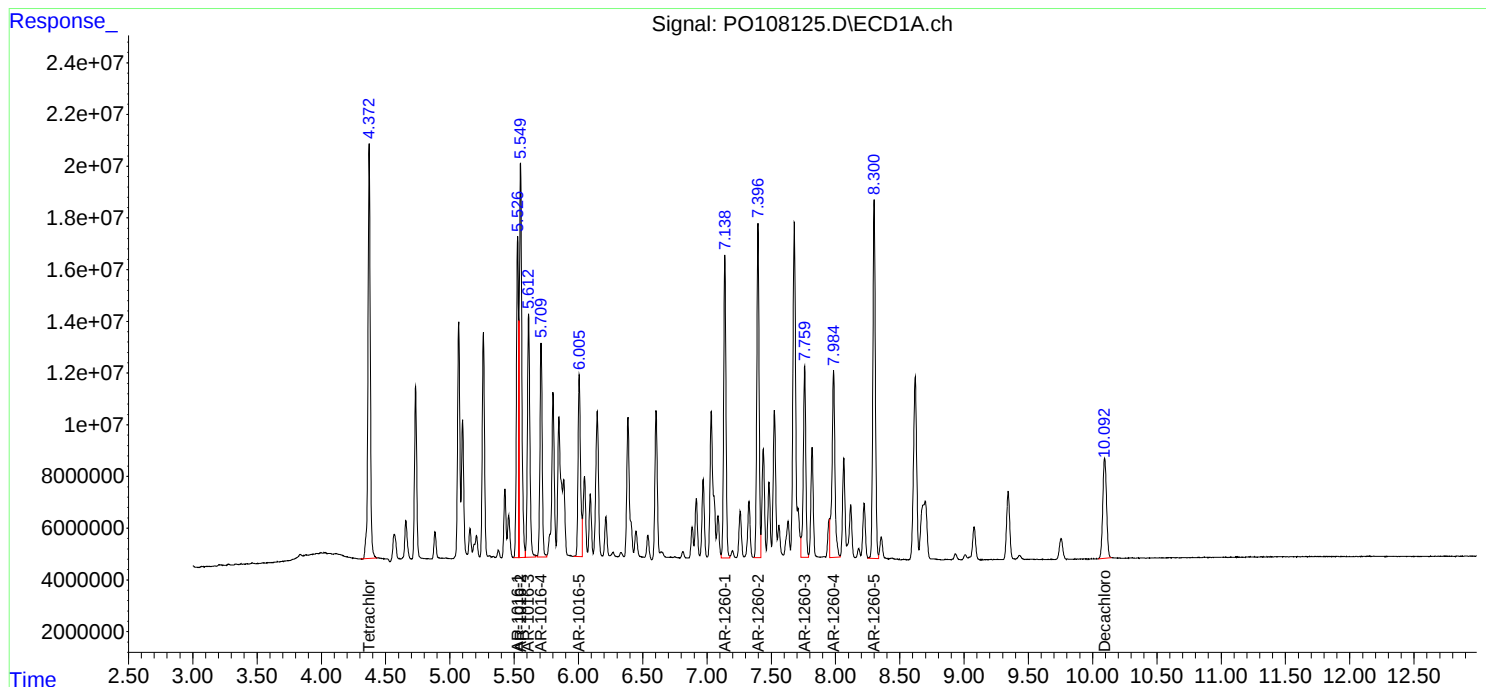
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:05:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 21:16
 Operator : YP/AJ
 Sample : PB165133BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165133BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:14:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.370	3.638	192.6E6	70442518	22.119	20.777
2) SA Decachlor...	10.094	8.633	73159084	70916190	23.954	20.847
Target Compounds						
3) L1 AR-1016-1	5.525	4.719	132.0E6	54550673	490.718	499.211
4) L1 AR-1016-2	5.548	4.737	189.2E6	77445156	487.931	506.500
5) L1 AR-1016-3	5.611	4.914	117.9E6	39843666	471.793	484.927
6) L1 AR-1016-4	5.708	4.955	95824213	30635879	490.729	481.146
7) L1 AR-1016-5	6.005	5.169	88664642	41525844	478.156	478.978
31) L7 AR-1260-1	7.138	6.200	141.1E6	82320032	514.090	508.334
32) L7 AR-1260-2	7.396	6.387	149.2E6	98779627	527.091	501.766
33) L7 AR-1260-3	7.759	6.540	96508455	93042320	449.234	499.892
34) L7 AR-1260-4	7.984	7.011	107.5E6	68964285	484.374	431.041
35) L7 AR-1260-5	8.301	7.252	176.6E6	168.7E6	462.818	429.557

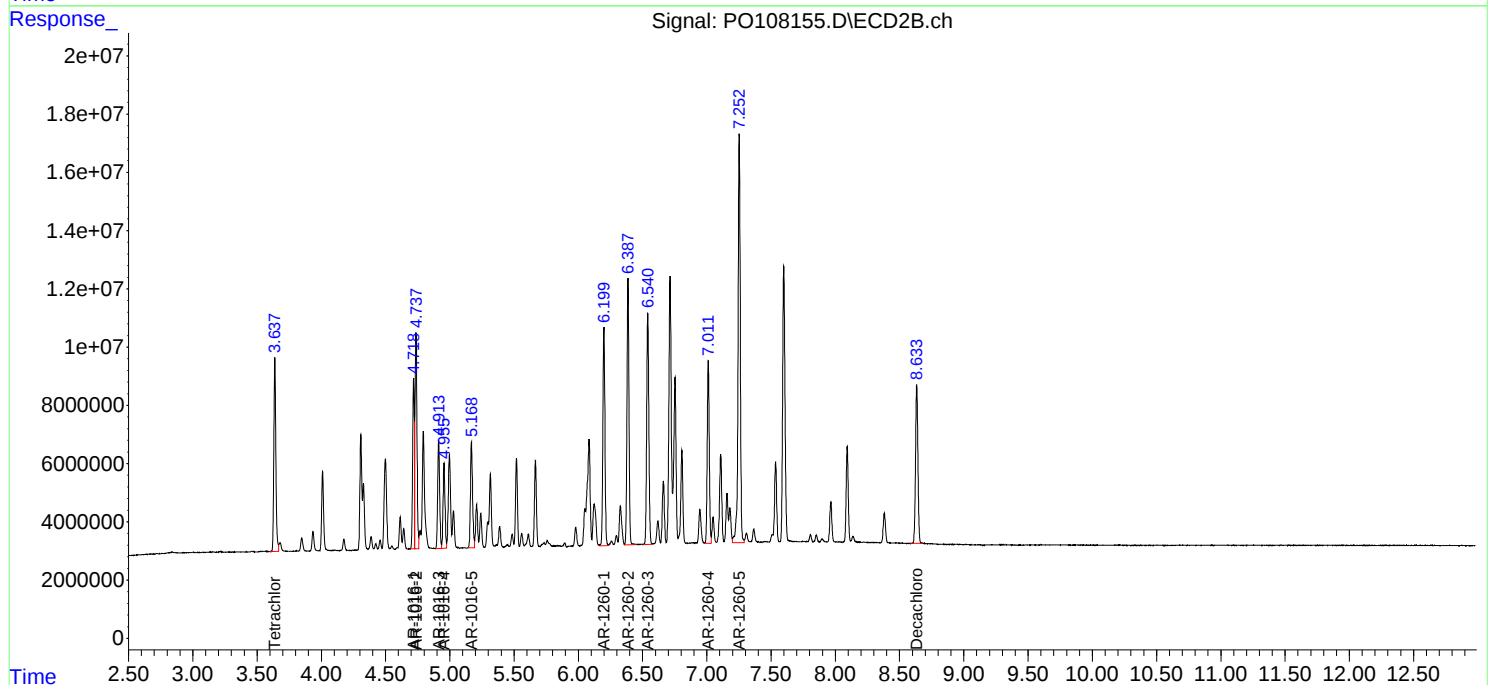
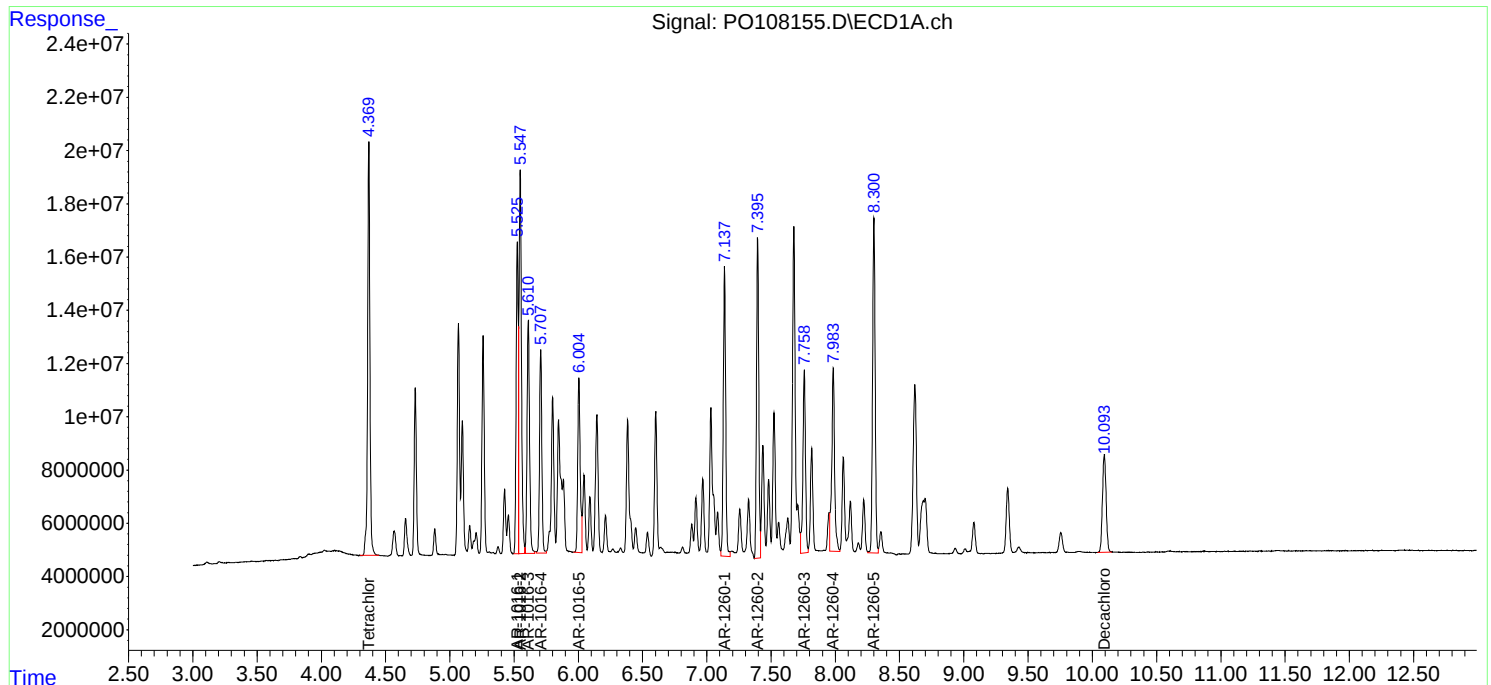
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 21:16
Operator : YP/AJ
Sample : PB165133BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165133BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:14:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
 Data File : PO108156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 21:33
 Operator : YP/AJ
 Sample : PB165133BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165133BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 01:14:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.371	3.639	193.2E6	70560070	22.188	20.812
2) SA Decachlor...	10.094	8.635	72389106	70967150	23.702	20.862
Target Compounds						
3) L1 AR-1016-1	5.526	4.719	131.4E6	54670190	488.663	500.305
4) L1 AR-1016-2	5.549	4.738	190.7E6	77330339	491.980	505.750
5) L1 AR-1016-3	5.612	4.915	118.5E6	40056417	474.249	487.516
6) L1 AR-1016-4	5.709	4.956	95774195	30959666	490.472	486.231
7) L1 AR-1016-5	6.005	5.169	89503726	41734388	482.681	481.384
31) L7 AR-1260-1	7.139	6.200	143.2E6	81565023	521.952	503.672
32) L7 AR-1260-2	7.396	6.388	150.7E6	98167064	532.327	498.654
33) L7 AR-1260-3	7.760	6.541	96754958	93004014	450.381	499.686
34) L7 AR-1260-4	7.985	7.012	106.1E6	68777411	478.128	429.873
35) L7 AR-1260-5	8.300	7.253	176.5E6	168.3E6	462.564	428.668

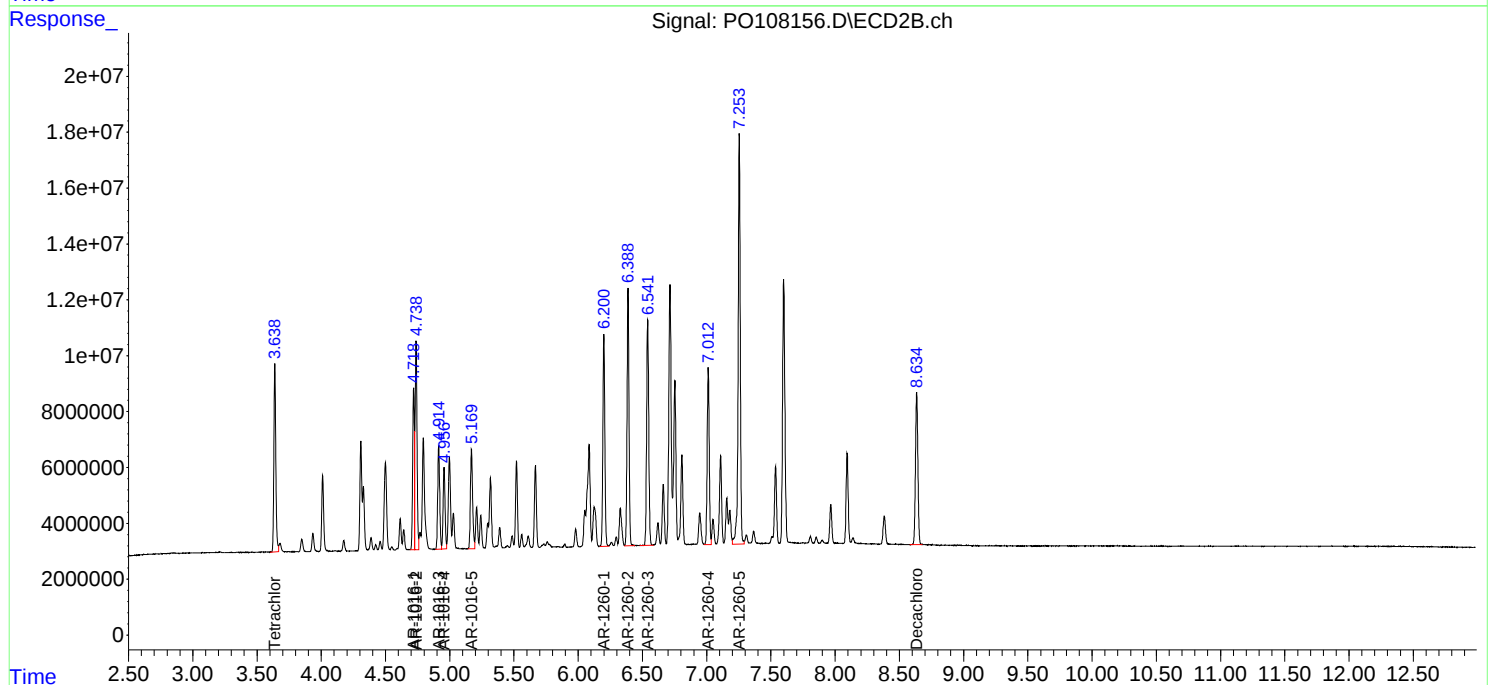
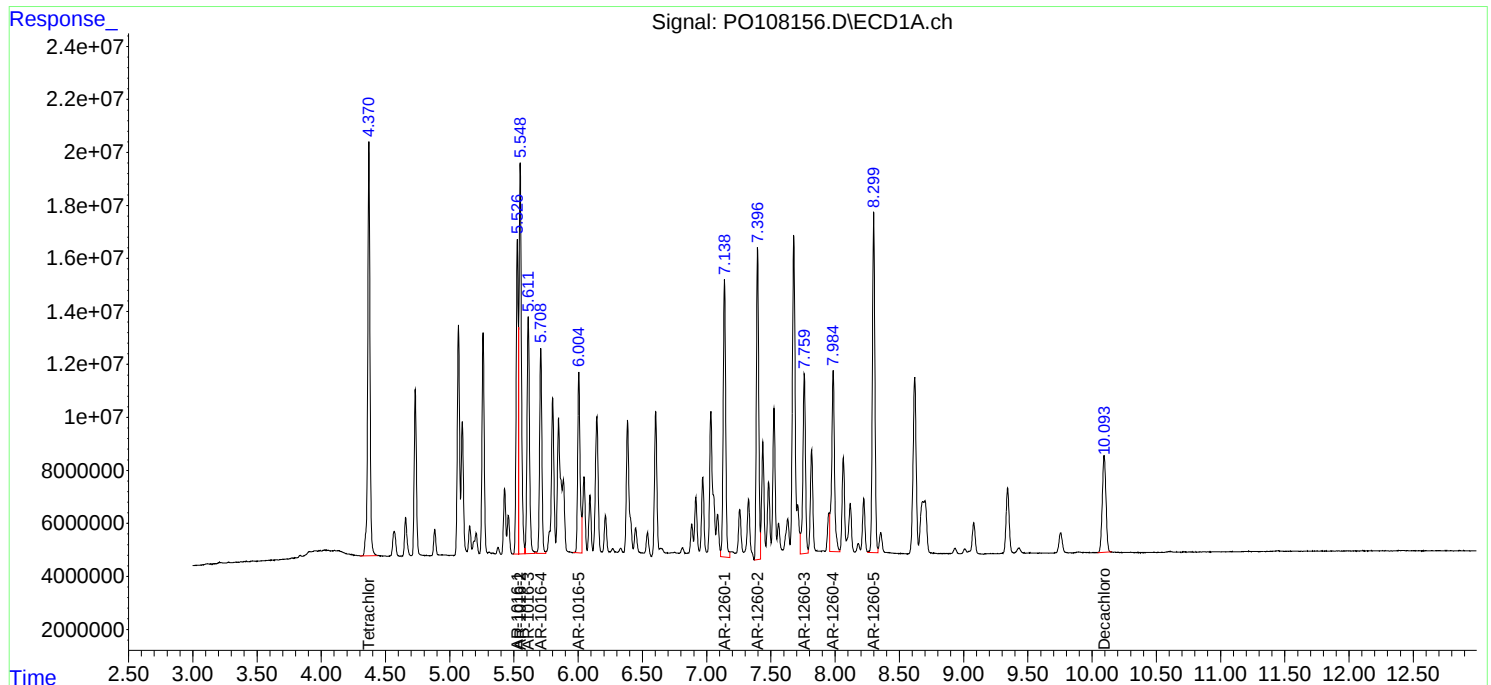
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112024\
Data File : PO108156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 21:33
Operator : YP/AJ
Sample : PB165133BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165133BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 01:14:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
 Data File : PO108100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:30
 Operator : YP/AJ
 Sample : P4893-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

MH-763MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:13:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.371	3.638	157.9E6	60417673	18.141m	17.820
2) SA Decachlor...	10.094	8.635	65454538	64419980	21.431	18.938
Target Compounds						
3) L1 AR-1016-1	5.527	4.719	129.9E6	52021279	483.100	476.064
4) L1 AR-1016-2	5.550	4.739	179.5E6	74063812	463.038	484.386
5) L1 AR-1016-3	5.613	4.914	114.4E6	40438840	457.744	492.171
6) L1 AR-1016-4	5.710	4.955	96438990	30723643	493.877	482.524
7) L1 AR-1016-5	6.006	5.169	87423899	40758927	471.465	470.132
31) L7 AR-1260-1	7.140	6.200	145.1E6	81117674	528.588	500.909
32) L7 AR-1260-2	7.397	6.388	151.0E6	97851655	533.660	497.052
33) L7 AR-1260-3	7.760	6.541	94740581	93010688	441.005	499.722
34) L7 AR-1260-4	7.986	7.012	110.1E6	69033088	496.070	431.471
35) L7 AR-1260-5	8.302	7.253	183.3E6	170.3E6	480.488	433.628

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
Data File : PO108100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:30
Operator : YP/AJ
Sample : P4893-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

MH-763MS

Manual Integrations

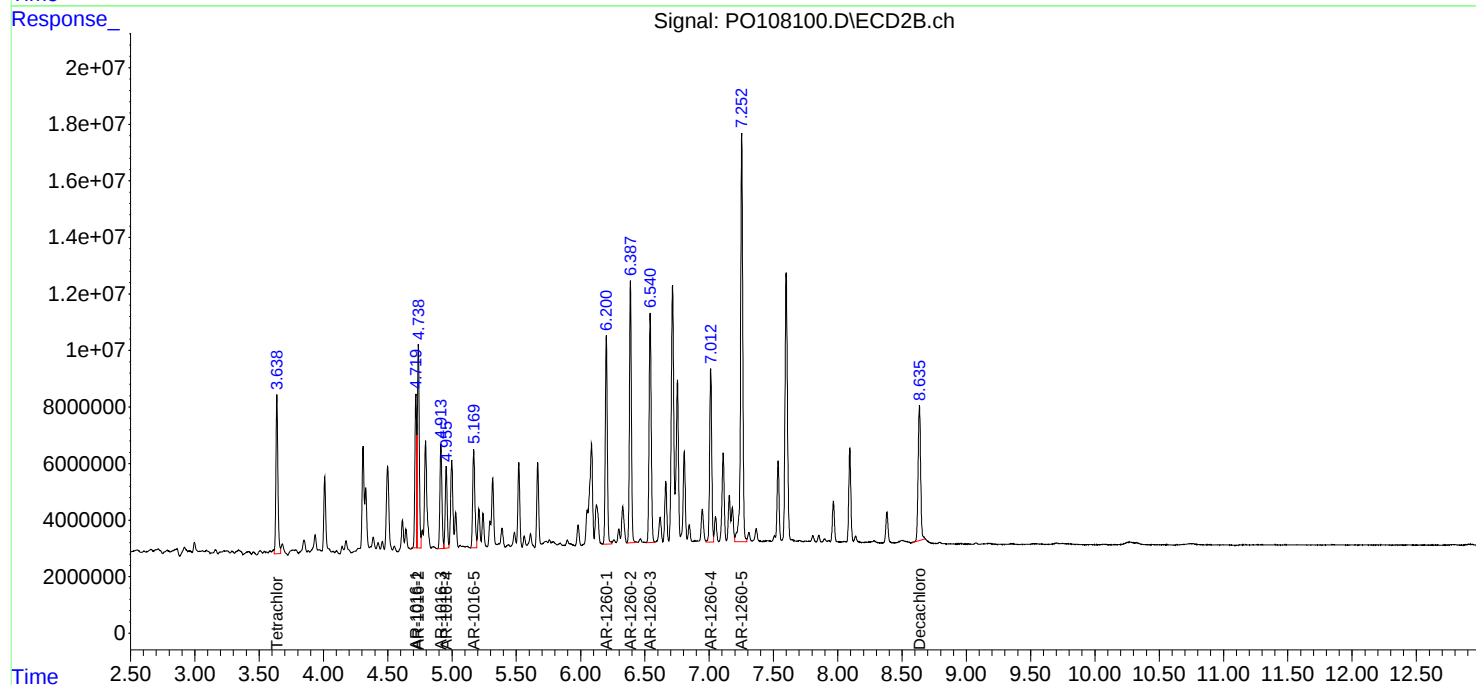
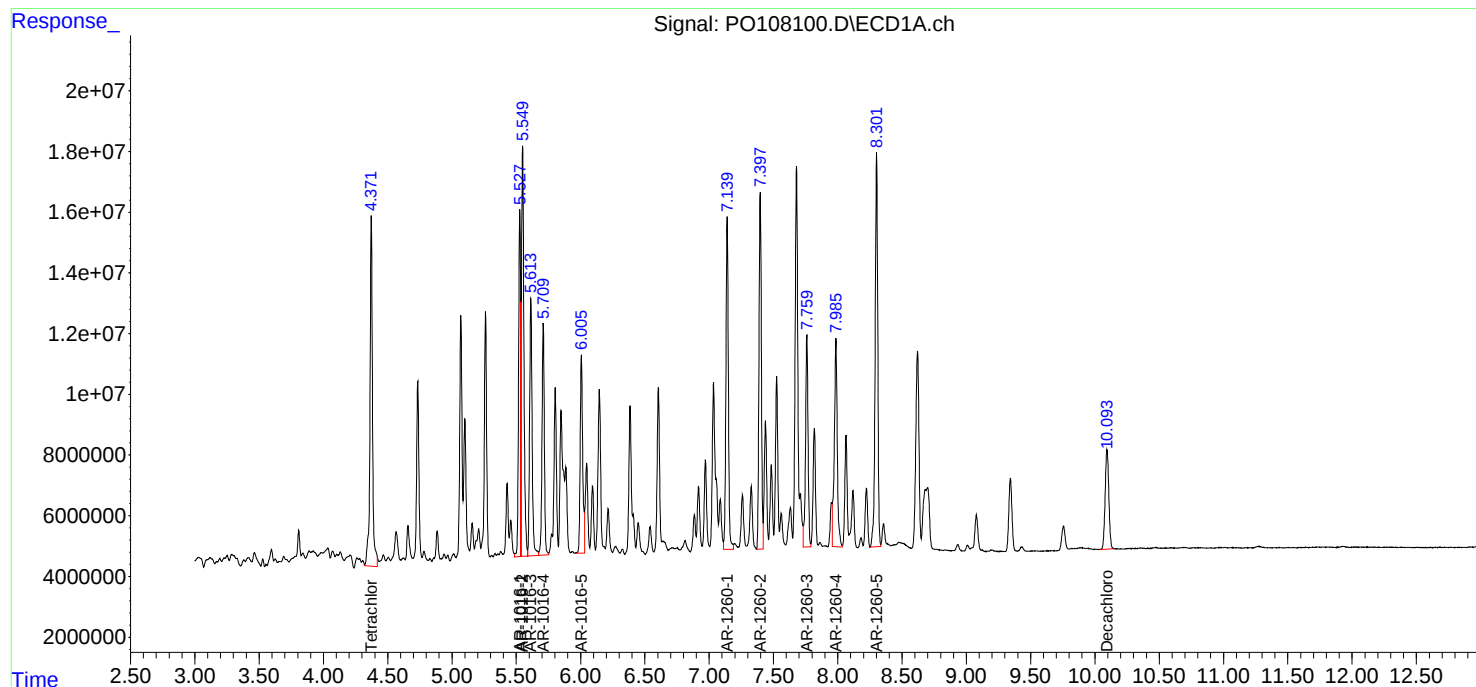
APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:13:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
 Data File : PO108101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:47
 Operator : YP/AJ
 Sample : P4893-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

MH-763MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:13:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 03:13:56 2024
 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...	4.369	3.637	156.0E6	60188541	17.922m	17.753
2) SA Decachlor...	10.089	8.632	67215032	63313972	22.007	18.612

Target Compounds						
3) L1 AR-1016-1	5.525	4.717	130.0E6	51546404	483.323	471.718
4) L1 AR-1016-2	5.547	4.736	178.0E6	73691190	459.073	481.949
5) L1 AR-1016-3	5.610	4.913	114.1E6	40328238	456.548	490.825
6) L1 AR-1016-4	5.707	4.954	96429956	30767144	493.831	483.207
7) L1 AR-1016-5	6.003	5.168	86861315	40539820	468.431	467.605
31) L7 AR-1260-1	7.135	6.199	144.3E6	80407715	525.850	496.525
32) L7 AR-1260-2	7.394	6.386	151.7E6	96740563	535.982	491.408
33) L7 AR-1260-3	7.756	6.539	95516895	91890798	444.618	493.705
34) L7 AR-1260-4	7.982	7.011	114.0E6	68260229	513.568m	426.641
35) L7 AR-1260-5	8.297	7.253	186.2E6	168.8E6	488.150	429.840

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111924\
Data File : PO108101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:47
Operator : YP/AJ
Sample : P4893-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

MH-763MSD

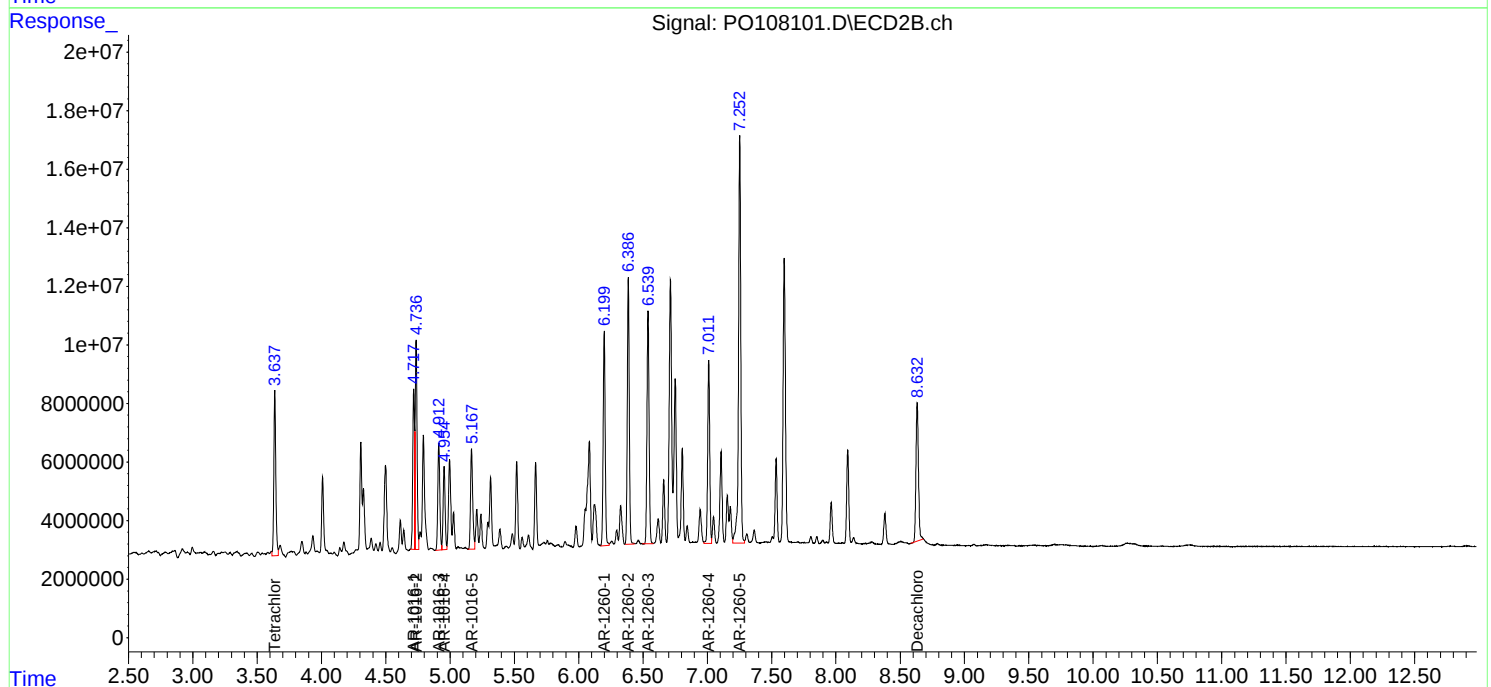
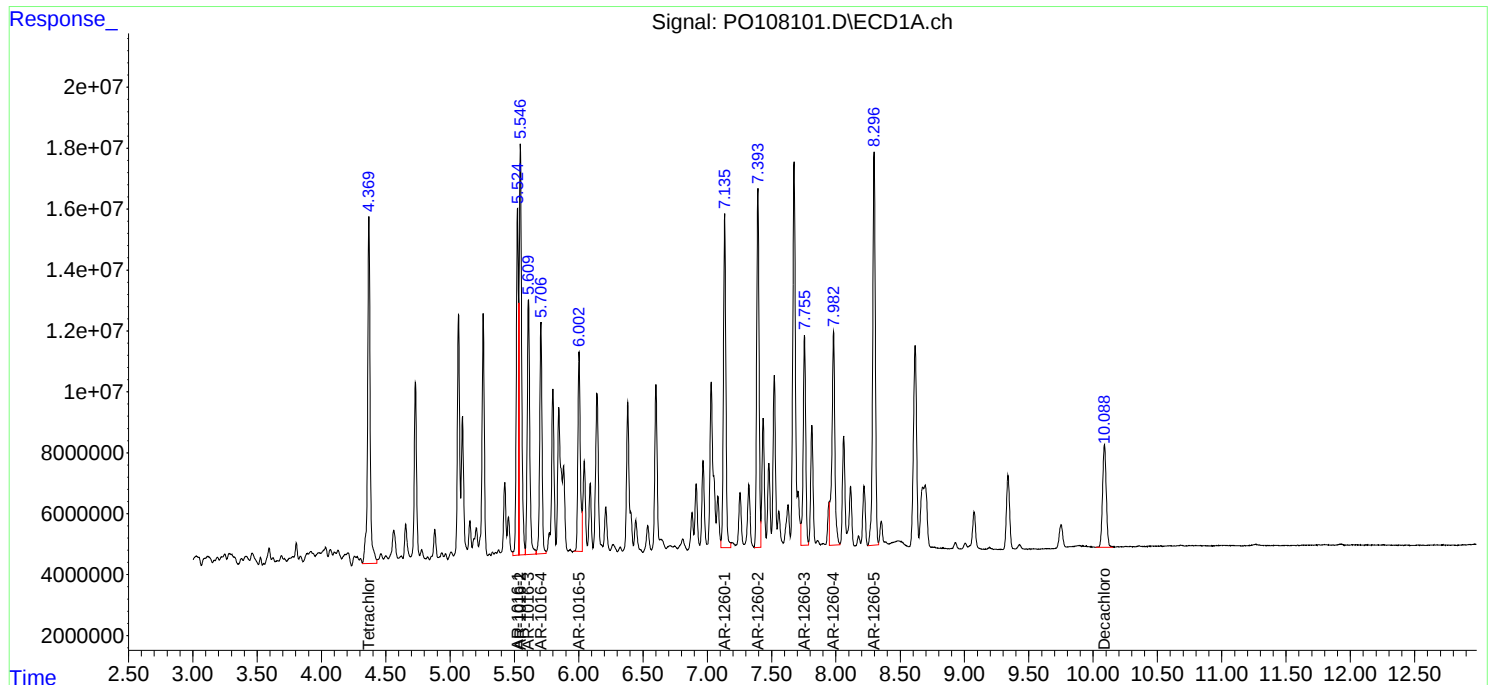
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 03:13:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111824.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 03:13:56 2024
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PO111824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO108042.D	AR-1260-1	yogesh	11/19/2024 9:13:44 AM	Ankita	11/19/2024 11:25:21	Peak Integrated by Software
AR1660ICC050	PO108042.D	AR-1260-1 #2	yogesh	11/19/2024 9:13:44 AM	Ankita	11/19/2024 11:25:21	Peak Integrated by Software
AR1660ICC050	PO108042.D	AR-1260-2	yogesh	11/19/2024 9:13:44 AM	Ankita	11/19/2024 11:25:21	Peak Integrated by Software
AR1660ICC050	PO108042.D	AR-1260-2 #2	yogesh	11/19/2024 9:13:44 AM	Ankita	11/19/2024 11:25:21	Peak Integrated by Software
AR1660ICC050	PO108042.D	AR-1260-3	yogesh	11/19/2024 9:13:44 AM	Ankita	11/19/2024 11:25:21	Peak Integrated by Software
AR1242ICC050	PO108049.D	AR-1242-5	yogesh	11/19/2024 9:13:45 AM	Ankita	11/19/2024 11:25:23	Peak Integrated by Software
AR1242ICC050	PO108049.D	AR-1242-5 #2	yogesh	11/19/2024 9:13:45 AM	Ankita	11/19/2024 11:25:23	Peak Integrated by Software
AR1248ICC050	PO108054.D	AR-1248-4	yogesh	11/19/2024 9:13:47 AM	Ankita	11/19/2024 11:25:25	Peak Integrated by Software
AR1248ICC050	PO108054.D	AR-1248-5	yogesh	11/19/2024 9:13:47 AM	Ankita	11/19/2024 11:25:25	Peak Integrated by Software
AR1248ICC050	PO108054.D	AR-1248-5 #2	yogesh	11/19/2024 9:13:47 AM	Ankita	11/19/2024 11:25:25	Peak Integrated by Software
AR1254ICC050	PO108059.D	AR-1254-3	yogesh	11/19/2024 9:13:49 AM	Ankita	11/19/2024 11:25:26	Peak Integrated by Software
AR1254ICC050	PO108059.D	AR-1254-4	yogesh	11/19/2024 9:13:49 AM	Ankita	11/19/2024 11:25:26	Peak Integrated by Software
AR1254ICC050	PO108059.D	AR-1254-4 #2	yogesh	11/19/2024 9:13:49 AM	Ankita	11/19/2024 11:25:26	Peak Integrated by Software

Manual Integration Report

Sequence:	PO111824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO108059.D	AR-1254-5	yogesh	11/19/2024 9:13:49 AM	Ankita	11/19/2024 11:25:26	Peak Integrated by Software
AR1268ICC750	PO108062.D	AR-1268-1	yogesh	11/19/2024 9:13:50 AM	Ankita	11/19/2024 11:25:27	Peak Integrated by Software
AR1268ICC500	PO108063.D	AR-1268-1	yogesh	11/19/2024 9:13:52 AM	Ankita	11/19/2024 11:25:29	Peak Integrated by Software
AR1268ICV500	PO108070.D	AR-1268-1	yogesh	11/19/2024 9:13:54 AM	Ankita	11/19/2024 11:25:30	Peak Integrated by Software

Manual Integration Report

Sequence:	PO111924	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4892-01	PO108097.D	Decachlorobiphenyl #2	yogesh	11/20/2024 8:00:39 AM	Ankita	11/20/2024 12:01:59	Peak Integrated by Software
P4892-01	PO108097.D	Tetrachloro-m-xylene	yogesh	11/20/2024 8:00:39 AM	Ankita	11/20/2024 12:01:59	Peak Integrated by Software
P4893-01MS	PO108100.D	Tetrachloro-m-xylene	yogesh	11/20/2024 8:00:42 AM	Ankita	11/20/2024 12:02:01	Peak Integrated by Software
P4893-01MSD	PO108101.D	AR-1260-4	yogesh	11/20/2024 8:00:44 AM	Ankita	11/20/2024 12:02:03	Peak Integrated by Software
P4893-01MSD	PO108101.D	Tetrachloro-m-xylene	yogesh	11/20/2024 8:00:44 AM	Ankita	11/20/2024 12:02:03	Peak Integrated by Software

Manual Integration Report

Sequence:	PO112024	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB165082BS	PO108125.D	AR-1260-4	yogesh	11/21/2024 8:45:38 AM	Ankita	11/21/2024 9:59:12	Peak Integrated by Software
AR1242CCC500	PO108135.D	AR-1242-3 #2	yogesh	11/21/2024 8:45:47 AM	Ankita	11/21/2024 9:59:18	Peak Integrated by Software
AR1242CCC500	PO108150.D	AR-1242-3 #2	yogesh	11/21/2024 2:50:31 PM	Ankita	11/21/2024 2:50:54	Peak Integrated by Software
AR1242CCC500	PO108150.D	AR-1242-4 #2	yogesh	11/21/2024 2:50:31 PM	Ankita	11/21/2024 2:50:54	Peak Integrated by Software
AR1242CCC500	PO108150.D	AR-1242-5 #2	yogesh	11/21/2024 2:50:31 PM	Ankita	11/21/2024 2:50:54	Peak Integrated by Software
AR1254CCC500	PO108152.D	AR-1254-1 #2	yogesh	11/21/2024 8:45:55 AM	Ankita	11/21/2024 9:59:24	Peak Integrated by Software
AR1254CCC500	PO108152.D	AR-1254-2 #2	yogesh	11/21/2024 8:45:55 AM	Ankita	11/21/2024 9:59:24	Peak Integrated by Software
AR1254CCC500	PO108152.D	AR-1254-3 #2	yogesh	11/21/2024 8:45:55 AM	Ankita	11/21/2024 9:59:24	Peak Integrated by Software
AR1254CCC500	PO108152.D	AR-1254-4 #2	yogesh	11/21/2024 8:45:55 AM	Ankita	11/21/2024 9:59:24	Peak Integrated by Software
AR1242CCC500	PO108160.D	AR-1242-3 #2	yogesh	11/21/2024 8:45:57 AM	Ankita	11/21/2024 9:59:25	Peak Integrated by Software
AR1242CCC500	PO108160.D	AR-1242-4 #2	yogesh	11/21/2024 8:45:57 AM	Ankita	11/21/2024 9:59:25	Peak Integrated by Software
AR1242CCC500	PO108160.D	AR-1242-5	yogesh	11/21/2024 8:45:57 AM	Ankita	11/21/2024 9:59:25	Peak Integrated by Software
AR1242CCC500	PO108160.D	AR-1242-5 #2	yogesh	11/21/2024 8:45:57 AM	Ankita	11/21/2024 9:59:25	Peak Integrated by Software

Manual Integration Report

Sequence:

PO112024

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO108162.D	AR-1254-1 #2	yogesh	11/21/2024 8:45:59 AM	Ankita	11/21/2024 9:59:27	Peak Integrated by Software
AR1254CCC500	PO108162.D	AR-1254-2 #2	yogesh	11/21/2024 8:45:59 AM	Ankita	11/21/2024 9:59:27	Peak Integrated by Software
AR1254CCC500	PO108162.D	AR-1254-3 #2	yogesh	11/21/2024 8:45:59 AM	Ankita	11/21/2024 9:59:27	Peak Integrated by Software
AR1254CCC500	PO108162.D	AR-1254-4	yogesh	11/21/2024 8:45:59 AM	Ankita	11/21/2024 9:59:27	Peak Integrated by Software
AR1254CCC500	PO108162.D	AR-1254-4 #2	yogesh	11/21/2024 8:45:59 AM	Ankita	11/21/2024 9:59:27	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108034.D	18 Nov 2024 09:01	YP/AJ	Ok
2	AR1660CCC500	PO108035.D	18 Nov 2024 10:59	YP/AJ	Not Ok
3	HEXANE	PO108036.D	18 Nov 2024 15:00	YP/AJ	Ok
4	I.BLK	PO108037.D	18 Nov 2024 15:16	YP/AJ	Ok
5	AR1660ICC1000	PO108038.D	18 Nov 2024 15:32	YP/AJ	Ok
6	AR1660ICC750	PO108039.D	18 Nov 2024 15:48	YP/AJ	Ok
7	AR1660ICC500	PO108040.D	18 Nov 2024 16:05	YP/AJ	Ok
8	AR1660ICC250	PO108041.D	18 Nov 2024 16:21	YP/AJ	Ok
9	AR1660ICC050	PO108042.D	18 Nov 2024 16:37	YP/AJ	Ok,M
10	AR1221ICC500	PO108043.D	18 Nov 2024 16:53	YP/AJ	Ok
11	AR1232ICC500	PO108044.D	18 Nov 2024 17:09	YP/AJ	Ok
12	AR1242ICC1000	PO108045.D	18 Nov 2024 17:25	YP/AJ	Ok
13	AR1242ICC750	PO108046.D	18 Nov 2024 17:42	YP/AJ	Ok
14	AR1242ICC500	PO108047.D	18 Nov 2024 17:58	YP/AJ	Ok
15	AR1242ICC250	PO108048.D	18 Nov 2024 18:14	YP/AJ	Ok
16	AR1242ICC050	PO108049.D	18 Nov 2024 18:30	YP/AJ	Ok,M
17	AR1248ICC1000	PO108050.D	18 Nov 2024 18:47	YP/AJ	Ok
18	AR1248ICC750	PO108051.D	18 Nov 2024 19:03	YP/AJ	Ok
19	AR1248ICC500	PO108052.D	18 Nov 2024 19:19	YP/AJ	Ok
20	AR1248ICC250	PO108053.D	18 Nov 2024 19:35	YP/AJ	Ok
21	AR1248ICC050	PO108054.D	18 Nov 2024 19:51	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC1000	PO108055.D	18 Nov 2024 20:07	YP/AJ	Ok
23	AR1254ICC750	PO108056.D	18 Nov 2024 20:24	YP/AJ	Ok
24	AR1254ICC500	PO108057.D	18 Nov 2024 20:40	YP/AJ	Ok
25	AR1254ICC250	PO108058.D	18 Nov 2024 20:56	YP/AJ	Ok
26	AR1254ICC050	PO108059.D	18 Nov 2024 21:12	YP/AJ	Ok,M
27	AR1262ICC500	PO108060.D	18 Nov 2024 21:28	YP/AJ	Ok
28	AR1268ICC1000	PO108061.D	18 Nov 2024 21:45	YP/AJ	Ok
29	AR1268ICC750	PO108062.D	18 Nov 2024 22:02	YP/AJ	Ok,M
30	AR1268ICC500	PO108063.D	18 Nov 2024 22:19	YP/AJ	Ok,M
31	AR1268ICC250	PO108064.D	18 Nov 2024 22:35	YP/AJ	Ok
32	AR1268ICC050	PO108065.D	18 Nov 2024 22:51	YP/AJ	Ok
33	PO111824ICV500	PO108066.D	18 Nov 2024 23:08	YP/AJ	Ok
34	AR1242ICV500	PO108067.D	18 Nov 2024 23:24	YP/AJ	Ok
35	AR1248ICV500	PO108068.D	18 Nov 2024 23:41	YP/AJ	Ok
36	AR1254ICV500	PO108069.D	18 Nov 2024 23:58	YP/AJ	Ok
37	AR1268ICV500	PO108070.D	19 Nov 2024 00:14	YP/AJ	Ok,M
38	AR1660CCC500	PO108071.D	19 Nov 2024 00:31	YP/AJ	Ok
39	I.BLK	PO108072.D	19 Nov 2024 00:48	YP/AJ	Ok
40	PB165043BL	PO108073.D	19 Nov 2024 01:04	YP/AJ	Ok
41	PB165043BS	PO108074.D	19 Nov 2024 01:20	YP/AJ	Ok
42	P4860-01	PO108075.D	19 Nov 2024 01:37	YP/AJ	Ok,M
43	P4860-01MS	PO108076.D	19 Nov 2024 01:54	YP/AJ	Ok,M
44	P4860-01MSD	PO108077.D	19 Nov 2024 02:10	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	P4860-02	PO108078.D	19 Nov 2024 02:26	YP/AJ	Ok,M
46	P4860-03	PO108079.D	19 Nov 2024 02:42	YP/AJ	Ok,M
47	P4860-04	PO108080.D	19 Nov 2024 02:59	YP/AJ	Ok
48	P4860-05	PO108081.D	19 Nov 2024 03:16	YP/AJ	Ok
49	P4860-06	PO108082.D	19 Nov 2024 03:33	YP/AJ	Ok
50	P4860-07	PO108083.D	19 Nov 2024 03:49	YP/AJ	Ok
51	P4860-08	PO108084.D	19 Nov 2024 04:06	YP/AJ	Ok
52	P4860-09	PO108085.D	19 Nov 2024 04:23	YP/AJ	Ok
53	P4860-10	PO108086.D	19 Nov 2024 04:39	YP/AJ	Ok
54	AR1660CCC500	PO108087.D	19 Nov 2024 04:56	YP/AJ	Ok
55	I.BLK	PO108088.D	19 Nov 2024 05:12	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111924

Review By	yogesh	Review On	11/20/2024 8:01:05 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:02:13 PM
SubDirectory	PO111924	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108089.D	19 Nov 2024 09:22	YP/AJ	Ok
2	AR1660CCC500	PO108090.D	19 Nov 2024 09:37	YP/AJ	Ok
3	AR1242CCC500	PO108091.D	19 Nov 2024 09:53	YP/AJ	Ok
4	AR1248CCC500	PO108092.D	19 Nov 2024 10:10	YP/AJ	Ok
5	AR1254CCC500	PO108093.D	19 Nov 2024 10:26	YP/AJ	Ok
6	I.BLK	PO108094.D	19 Nov 2024 10:42	YP/AJ	Ok
7	PB165092BL	PO108095.D	19 Nov 2024 14:11	YP/AJ	Not Ok
8	PB165092BS	PO108096.D	19 Nov 2024 14:25	YP/AJ	Not Ok
9	P4892-01	PO108097.D	19 Nov 2024 14:40	YP/AJ	Ok,M
10	P4892-02	PO108098.D	19 Nov 2024 14:57	YP/AJ	Ok
11	P4893-01	PO108099.D	19 Nov 2024 15:13	YP/AJ	Ok,M
12	P4893-01MS	PO108100.D	19 Nov 2024 15:30	YP/AJ	Ok,M
13	P4893-01MSD	PO108101.D	19 Nov 2024 15:47	YP/AJ	Ok,M
14	P4893-05	PO108102.D	19 Nov 2024 16:03	YP/AJ	Ok
15	AR1660CCC500	PO108103.D	19 Nov 2024 16:34	YP/AJ	Ok
16	AR1242CCC500	PO108104.D	19 Nov 2024 16:50	YP/AJ	Ok
17	AR1248CCC500	PO108105.D	19 Nov 2024 17:06	YP/AJ	Ok
18	AR1254CCC500	PO108106.D	19 Nov 2024 17:23	YP/AJ	Ok
19	I.BLK	PO108107.D	19 Nov 2024 17:40	YP/AJ	Ok
20	P4908-01	PO108108.D	19 Nov 2024 17:56	YP/AJ	Ok
21	P4908-03	PO108109.D	19 Nov 2024 18:12	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111924

Review By	yogesh	Review On	11/20/2024 8:01:05 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:02:13 PM
SubDirectory	PO111924	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4909-01	PO108110.D	19 Nov 2024 18:28	YP/AJ	Ok,M
23	P4910-01	PO108111.D	19 Nov 2024 18:45	YP/AJ	Ok
24	P4910-05	PO108112.D	19 Nov 2024 19:02	YP/AJ	Ok,M
25	AR1660CCC500	PO108113.D	19 Nov 2024 20:03	YP/AJ	Ok
26	AR1242CCC500	PO108114.D	19 Nov 2024 20:19	YP/AJ	Ok
27	AR1248CCC500	PO108115.D	19 Nov 2024 20:36	YP/AJ	Ok
28	AR1254CCC500	PO108116.D	19 Nov 2024 20:53	YP/AJ	Ok
29	I.BLK	PO108117.D	19 Nov 2024 21:10	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108118.D	20 Nov 2024 09:05	YP/AJ	Ok
2	AR1660CCC500	PO108119.D	20 Nov 2024 09:21	YP/AJ	Ok
3	AR1242CCC500	PO108120.D	20 Nov 2024 09:38	YP/AJ	Ok
4	AR1248CCC500	PO108121.D	20 Nov 2024 09:54	YP/AJ	Ok
5	AR1254CCC500	PO108122.D	20 Nov 2024 10:10	YP/AJ	Ok
6	I.BLK	PO108123.D	20 Nov 2024 10:27	YP/AJ	Ok
7	PB165082BL	PO108124.D	20 Nov 2024 11:12	YP/AJ	Ok
8	PB165082BS	PO108125.D	20 Nov 2024 11:29	YP/AJ	Ok,M
9	PB165126BL	PO108126.D	20 Nov 2024 12:25	YP/AJ	Ok
10	PB165126BS	PO108127.D	20 Nov 2024 12:42	YP/AJ	Ok,M
11	P4916-01	PO108128.D	20 Nov 2024 12:59	YP/AJ	Ok
12	P4916-01MS	PO108129.D	20 Nov 2024 13:15	YP/AJ	Ok,M
13	P4916-01MSD	PO108130.D	20 Nov 2024 13:31	YP/AJ	Ok,M
14	P4916-05	PO108131.D	20 Nov 2024 13:47	YP/AJ	Ok
15	P4916-09	PO108132.D	20 Nov 2024 14:03	YP/AJ	Ok
16	P4923-02	PO108133.D	20 Nov 2024 14:20	YP/AJ	Ok
17	AR1660CCC500	PO108134.D	20 Nov 2024 14:51	YP/AJ	Ok
18	AR1242CCC500	PO108135.D	20 Nov 2024 15:07	YP/AJ	Ok,M
19	AR1248CCC500	PO108136.D	20 Nov 2024 15:23	YP/AJ	Ok
20	AR1254CCC500	PO108137.D	20 Nov 2024 15:39	YP/AJ	Ok
21	I.BLK	PO108138.D	20 Nov 2024 15:56	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4927-01	PO108139.D	20 Nov 2024 16:12	YP/AJ	Ok,M
23	P4923-03	PO108140.D	20 Nov 2024 16:28	YP/AJ	Ok
24	P4923-04	PO108141.D	20 Nov 2024 16:44	YP/AJ	Ok
25	P4923-05	PO108142.D	20 Nov 2024 17:00	YP/AJ	Ok
26	P4923-06	PO108143.D	20 Nov 2024 17:16	YP/AJ	Ok,M
27	P4923-09	PO108144.D	20 Nov 2024 17:33	YP/AJ	Ok,M
28	P4924-01	PO108145.D	20 Nov 2024 17:49	YP/AJ	Ok
29	P4925-01	PO108146.D	20 Nov 2024 18:05	YP/AJ	ReRun
30	P4925-05	PO108147.D	20 Nov 2024 18:21	YP/AJ	Ok
31	P4929-01	PO108148.D	20 Nov 2024 18:37	YP/AJ	Ok
32	AR1660CCC500	PO108149.D	20 Nov 2024 19:38	YP/AJ	Ok
33	AR1242CCC500	PO108150.D	20 Nov 2024 19:55	YP/AJ	Ok,M
34	AR1248CCC500	PO108151.D	20 Nov 2024 20:12	YP/AJ	Ok
35	AR1254CCC500	PO108152.D	20 Nov 2024 20:28	YP/AJ	Ok,M
36	I.BLK	PO108153.D	20 Nov 2024 20:44	YP/AJ	Ok
37	PB165133BL	PO108154.D	20 Nov 2024 21:00	YP/AJ	Ok
38	PB165133BS	PO108155.D	20 Nov 2024 21:16	YP/AJ	Ok
39	PB165133BSD	PO108156.D	20 Nov 2024 21:33	YP/AJ	Ok
40	P4892-04	PO108157.D	20 Nov 2024 21:49	YP/AJ	Ok
41	P4921-01	PO108158.D	20 Nov 2024 22:05	YP/AJ	Ok
42	AR1660CCC500	PO108159.D	20 Nov 2024 23:06	YP/AJ	Ok
43	AR1242CCC500	PO108160.D	20 Nov 2024 23:22	YP/AJ	Ok,M
44	AR1248CCC500	PO108161.D	20 Nov 2024 23:38	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1254CCC500	PO108162.D	20 Nov 2024 23:55	YP/AJ	Ok,M
46	I.BLK	PO108163.D	21 Nov 2024 00:12	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108034.D	18 Nov 2024 09:01		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO108035.D	18 Nov 2024 10:59		YP/AJ	Not Ok
3	HEXANE	HEXANE	PO108036.D	18 Nov 2024 15:00		YP/AJ	Ok
4	I.BLK	I.BLK	PO108037.D	18 Nov 2024 15:16		YP/AJ	Ok
5	AR1660ICC1000	AR1660ICC1000	PO108038.D	18 Nov 2024 15:32		YP/AJ	Ok
6	AR1660ICC750	AR1660ICC750	PO108039.D	18 Nov 2024 15:48		YP/AJ	Ok
7	AR1660ICC500	AR1660ICC500	PO108040.D	18 Nov 2024 16:05		YP/AJ	Ok
8	AR1660ICC250	AR1660ICC250	PO108041.D	18 Nov 2024 16:21		YP/AJ	Ok
9	AR1660ICC050	AR1660ICC050	PO108042.D	18 Nov 2024 16:37		YP/AJ	Ok,M
10	AR1221ICC500	AR1221ICC500	PO108043.D	18 Nov 2024 16:53		YP/AJ	Ok
11	AR1232ICC500	AR1232ICC500	PO108044.D	18 Nov 2024 17:09		YP/AJ	Ok
12	AR1242ICC1000	AR1242ICC1000	PO108045.D	18 Nov 2024 17:25		YP/AJ	Ok
13	AR1242ICC750	AR1242ICC750	PO108046.D	18 Nov 2024 17:42		YP/AJ	Ok
14	AR1242ICC500	AR1242ICC500	PO108047.D	18 Nov 2024 17:58		YP/AJ	Ok
15	AR1242ICC250	AR1242ICC250	PO108048.D	18 Nov 2024 18:14		YP/AJ	Ok
16	AR1242ICC050	AR1242ICC050	PO108049.D	18 Nov 2024 18:30		YP/AJ	Ok,M
17	AR1248ICC1000	AR1248ICC1000	PO108050.D	18 Nov 2024 18:47		YP/AJ	Ok
18	AR1248ICC750	AR1248ICC750	PO108051.D	18 Nov 2024 19:03		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC500	AR1248ICC500	PO108052.D	18 Nov 2024 19:19		YP/AJ	Ok
20	AR1248ICC250	AR1248ICC250	PO108053.D	18 Nov 2024 19:35		YP/AJ	Ok
21	AR1248ICC050	AR1248ICC050	PO108054.D	18 Nov 2024 19:51		YP/AJ	Ok,M
22	AR1254ICC1000	AR1254ICC1000	PO108055.D	18 Nov 2024 20:07		YP/AJ	Ok
23	AR1254ICC750	AR1254ICC750	PO108056.D	18 Nov 2024 20:24		YP/AJ	Ok
24	AR1254ICC500	AR1254ICC500	PO108057.D	18 Nov 2024 20:40		YP/AJ	Ok
25	AR1254ICC250	AR1254ICC250	PO108058.D	18 Nov 2024 20:56		YP/AJ	Ok
26	AR1254ICC050	AR1254ICC050	PO108059.D	18 Nov 2024 21:12		YP/AJ	Ok,M
27	AR1262ICC500	AR1262ICC500	PO108060.D	18 Nov 2024 21:28		YP/AJ	Ok
28	AR1268ICC1000	AR1268ICC1000	PO108061.D	18 Nov 2024 21:45		YP/AJ	Ok
29	AR1268ICC750	AR1268ICC750	PO108062.D	18 Nov 2024 22:02		YP/AJ	Ok,M
30	AR1268ICC500	AR1268ICC500	PO108063.D	18 Nov 2024 22:19		YP/AJ	Ok,M
31	AR1268ICC250	AR1268ICC250	PO108064.D	18 Nov 2024 22:35		YP/AJ	Ok
32	AR1268ICC050	AR1268ICC050	PO108065.D	18 Nov 2024 22:51		YP/AJ	Ok
33	PO111824ICV500	ICVPO111824	PO108066.D	18 Nov 2024 23:08		YP/AJ	Ok
34	AR1242ICV500	ICVPO111824AR1242	PO108067.D	18 Nov 2024 23:24		YP/AJ	Ok
35	AR1248ICV500	ICVPO111824AR1248	PO108068.D	18 Nov 2024 23:41		YP/AJ	Ok
36	AR1254ICV500	ICVPO111824AR1254	PO108069.D	18 Nov 2024 23:58		YP/AJ	Ok
37	AR1268ICV500	ICVPO111824AR1268	PO108070.D	19 Nov 2024 00:14		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111824

Review By	yogesh	Review On	11/19/2024 9:14:18 AM
Supervise By	Ankita	Supervise On	11/19/2024 11:25:53 AM
SubDirectory	PO111824	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1660CCC500	AR1660CCC500	PO108071.D	19 Nov 2024 00:31		YP/AJ	Ok
39	I.BLK	I.BLK	PO108072.D	19 Nov 2024 00:48		YP/AJ	Ok
40	PB165043BL	PB165043BL	PO108073.D	19 Nov 2024 01:04		YP/AJ	Ok
41	PB165043BS	PB165043BS	PO108074.D	19 Nov 2024 01:20		YP/AJ	Ok
42	P4860-01	DUP-01	PO108075.D	19 Nov 2024 01:37		YP/AJ	Ok,M
43	P4860-01MS	DUP-01MS	PO108076.D	19 Nov 2024 01:54		YP/AJ	Ok,M
44	P4860-01MSD	DUP-01MSD	PO108077.D	19 Nov 2024 02:10		YP/AJ	Ok,M
45	P4860-02	PH2-BOT-001	PO108078.D	19 Nov 2024 02:26		YP/AJ	Ok,M
46	P4860-03	PH2-BOT-002	PO108079.D	19 Nov 2024 02:42		YP/AJ	Ok,M
47	P4860-04	PH2-BOT-003	PO108080.D	19 Nov 2024 02:59		YP/AJ	Ok
48	P4860-05	PH2-BOT-004	PO108081.D	19 Nov 2024 03:16		YP/AJ	Ok
49	P4860-06	PH2-BOT-009	PO108082.D	19 Nov 2024 03:33		YP/AJ	Ok
50	P4860-07	PH2-BOT-008	PO108083.D	19 Nov 2024 03:49		YP/AJ	Ok
51	P4860-08	PH2-BOT-007	PO108084.D	19 Nov 2024 04:06		YP/AJ	Ok
52	P4860-09	PH2-BOT-006	PO108085.D	19 Nov 2024 04:23		YP/AJ	Ok
53	P4860-10	PH2-BOT-005	PO108086.D	19 Nov 2024 04:39		YP/AJ	Ok
54	AR1660CCC500	AR1660CCC500	PO108087.D	19 Nov 2024 04:56		YP/AJ	Ok
55	I.BLK	I.BLK	PO108088.D	19 Nov 2024 05:12		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111924

Review By	yogesh	Review On	11/20/2024 8:01:05 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:02:13 PM
SubDirectory	PO111924	HP Acquire Method	HP Processing Method PO111824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108089.D	19 Nov 2024 09:22		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO108090.D	19 Nov 2024 09:37		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO108091.D	19 Nov 2024 09:53		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO108092.D	19 Nov 2024 10:10		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO108093.D	19 Nov 2024 10:26		YP/AJ	Ok
6	I.BLK	I.BLK	PO108094.D	19 Nov 2024 10:42		YP/AJ	Ok
7	PB165092BL	PB165092BL	PO108095.D	19 Nov 2024 14:11	injected with wrong method	YP/AJ	Not Ok
8	PB165092BS	PB165092BS	PO108096.D	19 Nov 2024 14:25	injected with wrong method	YP/AJ	Not Ok
9	P4892-01	WB-310-TOP	PO108097.D	19 Nov 2024 14:40		YP/AJ	Ok,M
10	P4892-02	WB-310-BOT	PO108098.D	19 Nov 2024 14:57		YP/AJ	Ok
11	P4893-01	MH-763	PO108099.D	19 Nov 2024 15:13		YP/AJ	Ok,M
12	P4893-01MS	MH-763MS	PO108100.D	19 Nov 2024 15:30		YP/AJ	Ok,M
13	P4893-01MSD	MH-763MSD	PO108101.D	19 Nov 2024 15:47		YP/AJ	Ok,M
14	P4893-05	MH-762	PO108102.D	19 Nov 2024 16:03		YP/AJ	Ok
15	AR1660CCC500	AR1660CCC500	PO108103.D	19 Nov 2024 16:34		YP/AJ	Ok
16	AR1242CCC500	AR1242CCC500	PO108104.D	19 Nov 2024 16:50		YP/AJ	Ok
17	AR1248CCC500	AR1248CCC500	PO108105.D	19 Nov 2024 17:06		YP/AJ	Ok
18	AR1254CCC500	AR1254CCC500	PO108106.D	19 Nov 2024 17:23		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO111924

Review By	yogesh	Review On	11/20/2024 8:01:05 AM
Supervise By	Ankita	Supervise On	11/20/2024 12:02:13 PM
SubDirectory	PO111924	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK	I.BLK	PO108107.D	19 Nov 2024 17:40		YP/AJ	Ok
20	P4908-01	SP-1	PO108108.D	19 Nov 2024 17:56		YP/AJ	Ok
21	P4908-03	SP-2	PO108109.D	19 Nov 2024 18:12		YP/AJ	Ok,M
22	P4909-01	BU-02-111824	PO108110.D	19 Nov 2024 18:28		YP/AJ	Ok,M
23	P4910-01	MH-COTTAGE	PO108111.D	19 Nov 2024 18:45		YP/AJ	Ok
24	P4910-05	MH-759	PO108112.D	19 Nov 2024 19:02		YP/AJ	Ok,M
25	AR1660CCC500	AR1660CCC500	PO108113.D	19 Nov 2024 20:03		YP/AJ	Ok
26	AR1242CCC500	AR1242CCC500	PO108114.D	19 Nov 2024 20:19		YP/AJ	Ok
27	AR1248CCC500	AR1248CCC500	PO108115.D	19 Nov 2024 20:36		YP/AJ	Ok
28	AR1254CCC500	AR1254CCC500	PO108116.D	19 Nov 2024 20:53		YP/AJ	Ok
29	I.BLK	I.BLK	PO108117.D	19 Nov 2024 21:10		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108118.D	20 Nov 2024 09:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO108119.D	20 Nov 2024 09:21		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO108120.D	20 Nov 2024 09:38		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO108121.D	20 Nov 2024 09:54		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO108122.D	20 Nov 2024 10:10	AR1254 1st peak low in 1st column	YP/AJ	Ok
6	I.BLK	I.BLK	PO108123.D	20 Nov 2024 10:27		YP/AJ	Ok
7	PB165082BL	PB165082BL	PO108124.D	20 Nov 2024 11:12		YP/AJ	Ok
8	PB165082BS	PB165082BS	PO108125.D	20 Nov 2024 11:29		YP/AJ	Ok,M
9	PB165126BL	PB165126BL	PO108126.D	20 Nov 2024 12:25		YP/AJ	Ok
10	PB165126BS	PB165126BS	PO108127.D	20 Nov 2024 12:42		YP/AJ	Ok,M
11	P4916-01	TP-1-WC	PO108128.D	20 Nov 2024 12:59		YP/AJ	Ok
12	P4916-01MS	TP-1-WCMS	PO108129.D	20 Nov 2024 13:15		YP/AJ	Ok,M
13	P4916-01MSD	TP-1-WCMSD	PO108130.D	20 Nov 2024 13:31		YP/AJ	Ok,M
14	P4916-05	TP-2-WC	PO108131.D	20 Nov 2024 13:47		YP/AJ	Ok
15	P4916-09	TP-3-WC	PO108132.D	20 Nov 2024 14:03		YP/AJ	Ok
16	P4923-02	COMP-1	PO108133.D	20 Nov 2024 14:20		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO108134.D	20 Nov 2024 14:51		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	AR1242CCC500	AR1242CCC500	PO108135.D	20 Nov 2024 15:07		YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO108136.D	20 Nov 2024 15:23		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO108137.D	20 Nov 2024 15:39	AR1254 1st peak low in 1st column	YP/AJ	Ok
21	I.BLK	I.BLK	PO108138.D	20 Nov 2024 15:56		YP/AJ	Ok
22	P4927-01	111424-C	PO108139.D	20 Nov 2024 16:12		YP/AJ	Ok,M
23	P4923-03	COMP-2	PO108140.D	20 Nov 2024 16:28		YP/AJ	Ok
24	P4923-04	COMP-3	PO108141.D	20 Nov 2024 16:44	AR1254 Hit	YP/AJ	Ok
25	P4923-05	COMP-4	PO108142.D	20 Nov 2024 17:00		YP/AJ	Ok
26	P4923-06	72-11991	PO108143.D	20 Nov 2024 17:16		YP/AJ	Ok,M
27	P4923-09	SOM-24-00118	PO108144.D	20 Nov 2024 17:33		YP/AJ	Ok,M
28	P4924-01	MH-4	PO108145.D	20 Nov 2024 17:49		YP/AJ	Ok
29	P4925-01	MH-741	PO108146.D	20 Nov 2024 18:05	TCMX high in both column	YP/AJ	ReRun
30	P4925-05	MH-758	PO108147.D	20 Nov 2024 18:21		YP/AJ	Ok
31	P4929-01	ARS520	PO108148.D	20 Nov 2024 18:37		YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO108149.D	20 Nov 2024 19:38		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO108150.D	20 Nov 2024 19:55		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO108151.D	20 Nov 2024 20:12		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO108152.D	20 Nov 2024 20:28	AR1254 1st peak low in 1st column	YP/AJ	Ok,M
36	I.BLK	I.BLK	PO108153.D	20 Nov 2024 20:44		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112024

Review By	yogesh	Review On	11/21/2024 8:46:17 AM
Supervise By	Ankita	Supervise On	11/21/2024 9:59:34 AM
SubDirectory	PO112024	HP Acquire Method	HP Processing Method PO111824
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

37	PB165133BL	PB165133BL	PO108154.D	20 Nov 2024 21:00		YP/AJ	Ok
38	PB165133BS	PB165133BS	PO108155.D	20 Nov 2024 21:16		YP/AJ	Ok
39	PB165133BSD	PB165133BSD	PO108156.D	20 Nov 2024 21:33		YP/AJ	Ok
40	P4892-04	WB-310-SW	PO108157.D	20 Nov 2024 21:49		YP/AJ	Ok
41	P4921-01	WC-11-A-202411	PO108158.D	20 Nov 2024 22:05		YP/AJ	Ok
42	AR1660CCC500	AR1660CCC500	PO108159.D	20 Nov 2024 23:06		YP/AJ	Ok
43	AR1242CCC500	AR1242CCC500	PO108160.D	20 Nov 2024 23:22		YP/AJ	Ok,M
44	AR1248CCC500	AR1248CCC500	PO108161.D	20 Nov 2024 23:38		YP/AJ	Ok
45	AR1254CCC500	AR1254CCC500	PO108162.D	20 Nov 2024 23:55	AR1254 1st peak low in 1st column	YP/AJ	Ok,M
46	I.BLK	I.BLK	PO108163.D	21 Nov 2024 00:12		YP/AJ	Ok

M : Manual Integration

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SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix: Solid

Weigh By: RJ

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 11/19/2024

Extraction Start Time: 08:25

Extraction End Date: 11/19/2024

Extraction End Time: 11:25

Concentration By: EH

Supervisor By: rajesh

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	PP23913
Surrogate	1.0ML	200 PPB	PP23985
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
Hexane	N/A	E3826
Baked Na2SO4	N/A	EP2562
H2SO4 1:1	N/A	EP2548
Sand	N/A	E2865
Hexane/Acetone/1:1	N/A	EP2561
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# 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/19/24	RP (Ext Lab)	AJ (Ext Lab)
11:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/19/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165082BL	ABLK082	PCB	30.01	N/A	ritesh	Evelyn	10			U7-1
PB165082BS	ALCS082	PCB	30.03	N/A	ritesh	Evelyn	10			2
P4892-01	WB-310-TOP	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
P4892-02	WB-310-BOT	PCB	30.02	N/A	ritesh	Evelyn	10	E		4
P4893-01	MH-763	PCB	30.07	N/A	ritesh	Evelyn	10	B		5
P4893-01MS	MH-763MS	PCB	30.03	N/A	ritesh	Evelyn	10	B		6
P4893-01MS D	MH-763MSD	PCB	30.08	N/A	ritesh	Evelyn	10	B		U6-1
P4893-05	MH-762	PCB	30.10	N/A	ritesh	Evelyn	10	B		2
P4908-01	SP-1	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
P4908-03	SP-2	PCB	30.02	N/A	ritesh	Evelyn	10	E		4
P4909-01	BU-02-111824	PCB	30.03	N/A	ritesh	Evelyn	10	B		5
P4910-01	MH-COTTAGE	PCB	30.06	N/A	ritesh	Evelyn	10	B		6
P4910-05	MH-759	PCB	30.08	N/A	ritesh	Evelyn	10	B		U5-1

* Extracts relinquished on the same date as received.



8:23 PM 11/19/24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p4888p WorkList ID : 185550 Department : Extraction Date : 11-19-2024 08:20:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4888-01	01A-01B-01C	Solid	PCB Group1	Cool 4 deg C	BSIG01	M11	11/14/2024	8082A
P4888-02	02A-02B-02C	Solid	PCB Group1	Cool 4 deg C	BSIG01	M11	11/14/2024	8082A
P4892-01	WB-310-TOP	Solid	PCB	Cool 4 deg C	PORT06	M11	11/15/2024	8082A
P4892-02	WB-310-BOT	Solid	PCB	Cool 4 deg C	PORT06	M11	11/15/2024	8082A
P4893-01	MH-763	Solid	PCB	Cool 4 deg C	PSEG03	L51	11/16/2024	8082A
P4893-05	MH-762	Solid	PCB	Cool 4 deg C	PSEG03	L51	11/16/2024	8082A
P4908-01	SP-1	Solid	PCB	Cool 4 deg C	PSEG03	L51	11/18/2024	8082A
P4908-03	SP-2	Solid	PCB	Cool 4 deg C	PSEG03	L51	11/18/2024	8082A
P4909-01	BU-02-111824	Solid	PCB	Cool 4 deg C	PSEG05	L51	11/18/2024	8082A
P4910-01	MH-COTTAGE	Solid	PCB	Cool 4 deg C	PSEG03	L61	11/18/2024	8082A
P4910-05	MH-759	Solid	PCB	Cool 4 deg C	PSEG03	L61	11/18/2024	8082A

Date/Time 11/19/24 8:23
Raw Sample Received by: PJ (8081 124)
Raw Sample Relinquished by: CP SN

Date/Time 11/19/24 9:00
Raw Sample Received by: CP SN
Raw Sample Relinquished by: PJ (8081 124)

SOP ID: M3510C,3580A-Extraction PCB-14

Clean Up SOP #: Acid Cleanup

Matrix : Water

Welgh By: N/A **Extraction By:** RJ

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

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3574 **Hood ID:** 4,6,7

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

Extraction Start Date : 11/20/2024

Extraction Start Time : 08:35

Extraction End Date : 11/20/2024

Extraction End Time : 13:25

Concentration By: RS

Supervisor By : rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	200 PPB	PP23858
Spike Sol 1	1.0ML	5000 PPB	PP23913
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

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3828
Baked Na2SO4	N/A	EP2562
Hexane	N/A	E3826
H2SO4 1:1	N/A	EP2548
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.P4890-03 Limited volume used as sample is Oily matrix. P 4892-04 Limited volume recd.

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

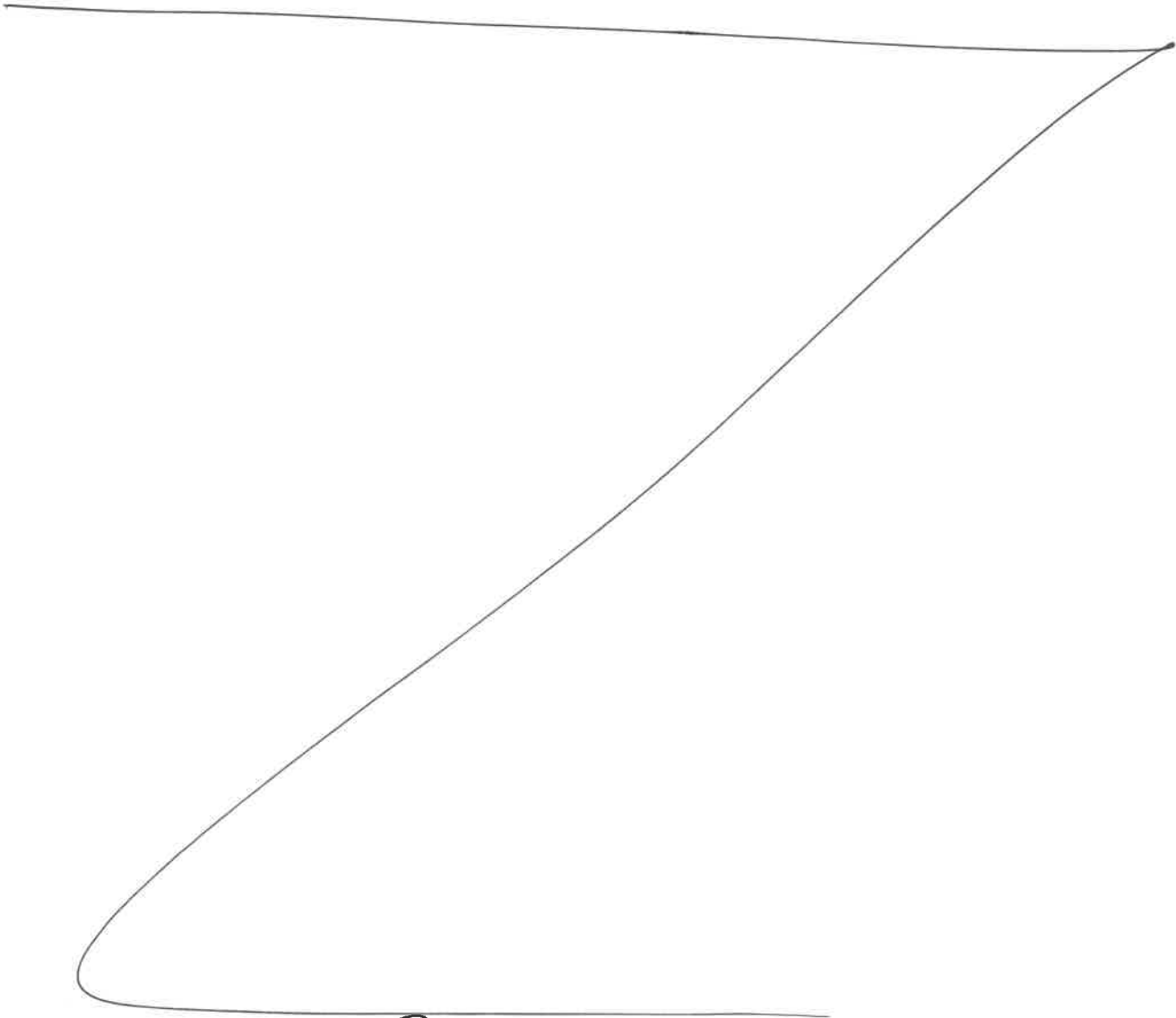
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/24	RP (Ext Lab)	AJ (Ext PCA Lab)
13:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction PCB-14

Concentration Date: 11/20/2024

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165133BL	ABLK133	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB165133BS	ALCS133	PCB	1000	6	RUPESH	ritesh	10			2
PB165133BS D	ALCSD133	PCB	1000	6	RUPESH	ritesh	10			3
P4892-04	WB-310-SW	PCB	485	6	RUPESH	ritesh	5	E		4
P4921-01	WC-11-A-202411	PCB	990	6	RUPESH	ritesh	10	M		5
P4927-01	111424-C	PCB	100	6	RUPESH	ritesh	10	D	Oily	6



* Extracts relinquished on the same date as received.

2
11/20/24

A
B
C
D
E
F
G
H
I
J
K
L

167133
89-35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4862P WorkList ID : 185601 Department : Extraction Date : 11-20-2024 08:27:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4892-04	WB-310-SW	Water	PCB	Cool 4 deg C	PORT06	M11	11/15/2024	8082A
P4921-01	WC-11-A-202411	Water	PCB	Cool 4 deg C	AECO02	L61	11/19/2024	8082A
P4927-01	111424-C	Water	PCB	Cool 4 deg C	PSEG03	L61	11/19/2024	8082A

Date/Time 11/20/24 8:30
Raw Sample Received by: RJ (Set 10-17)
Raw Sample Relinquished by: JT (Set 10-17)

Date/Time 11/20/24 9:05
Raw Sample Received by: JT (Set 10-17)
Raw Sample Relinquished by: RJ (Set 10-17)

LAB CHRONICLE

OrderID:	P4892	OrderDate:	11/18/2024 8:10:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	M11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4892-01	WB-310-TOP	SOIL	PCB	8082A	11/15/24	11/19/24	11/19/24	11/15/24
P4892-02	WB-310-BOT	SOIL	PCB	8082A	11/15/24	11/19/24	11/19/24	11/15/24
P4892-04	WB-310-SW	WATER	PCB	8082A	11/15/24	11/20/24	11/20/24	11/15/24