



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

Hit Summary Sheet
SW-846

SDG No.:		P4460			Order ID:		P4460		
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:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	WB-303-TOP	SDG No.:	P4460
Lab Sample ID:	P4460-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	51.5
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
PO107315.D	1	10/21/24 10:10	10/21/24 20:22	PB164287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	6.60	U	6.60	33.0	ug/kg
11104-28-2	Aroclor-1221	12.4	U	12.4	33.0	ug/kg
11141-16-5	Aroclor-1232	6.60	U	6.60	33.0	ug/kg
53469-21-9	Aroclor-1242	6.60	U	6.60	33.0	ug/kg
12672-29-6	Aroclor-1248	15.3	U	15.3	33.0	ug/kg
11097-69-1	Aroclor-1254	5.30	U	5.30	33.0	ug/kg
37324-23-5	Aroclor-1262	8.90	U	8.90	33.0	ug/kg
11100-14-4	Aroclor-1268	6.70	U	6.70	33.0	ug/kg
11096-82-5	Aroclor-1260	5.60	U	5.60	33.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		30 (32) - 150 (144)	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.3		30 (32) - 150 (175)	57%	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:	10/18/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/18/24	
Client Sample ID:	WB-303-BOT		SDG No.:	P4460	
Lab Sample ID:	P4460-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	80.1	Decanted:
Sample Wt/Vol:	30.04	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
PO107316.D	1	10/21/24 10:10	10/21/24 20:40	PB164287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	21.2	ug/kg
11104-28-2	Aroclor-1221	8.00	U	8.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	21.2	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	21.2	ug/kg
12672-29-6	Aroclor-1248	9.80	U	9.80	21.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	21.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	21.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	21.2	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		30 (32) - 150 (144)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.9		30 (32) - 150 (175)	74%	SPK: 20

Comments:

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LOD = Limit of Detection

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/18/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/18/24	
Client Sample ID:	WB-303-SW		SDG No.:	P4460	
Lab Sample ID:	P4460-06		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	490	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
PP068179.D	1	10/23/24 08:53	10/23/24 19:26	PB164342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.51	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.51	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.51	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.51	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.51	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.51	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.51	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		30 (10) - 150 (157)	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		30 (10) - 150 (173)	104%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P4460**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO107183.D	PIBLK-PO107183.D	Tetrachloro-m-xylene	1	20	22.5	112		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.4	117		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.8	114		70 (60)	130 (140)
I.BLK-PO107297.D	PIBLK-PO107297.D	Tetrachloro-m-xylene	1	20	24.1	121		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.0	115		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.1	120		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.6	113		70 (60)	130 (140)
PB164287BL	PB164287BL	Tetrachloro-m-xylene	1	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.7	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.9	110		30 (32)	150 (175)
PB164287BS	PB164287BS	Tetrachloro-m-xylene	1	20	21.8	109		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.5	107		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.3	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.9	114		30 (32)	150 (175)
P4455-01MS	SU-4-101824MS	Tetrachloro-m-xylene	1	20	16.1	81		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.3	82		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.2	116		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.3	71		30 (32)	150 (175)
P4455-01MSD	SU-4-101824MSD	Tetrachloro-m-xylene	1	20	18.2	91		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	15.0	75		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.4	117		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	13.3	67		30 (32)	150 (175)
I.BLK-PO107312.D	PIBLK-PO107312.D	Tetrachloro-m-xylene	1	20	24.2	121		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	29.0	145	*	70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.2	121		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	27.2	136	*	70 (60)	130 (140)
P4460-02	WB-303-TOP	Tetrachloro-m-xylene	1	20	11.7	59		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	10.4	52		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	17.0	85		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	11.3	57		30 (32)	150 (175)
P4460-03	WB-303-BOT	Tetrachloro-m-xylene	1	20	16.4	82		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	14.9	74		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.0	90		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	13.2	66		30 (32)	150 (175)
I.BLK-PO107327.D	PIBLK-PO107327.D	Tetrachloro-m-xylene	1	20	24.4	122		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.9	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.4	122		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.4	107		70 (60)	130 (140)
I.BLK-PP067586.D	PIBLK-PP067586.D	Tetrachloro-m-xylene	1	20	21.1	105		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4460**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP067586.D	PIBLK-PP067586.D	Decachlorobiphenyl	1	20	23.6	118		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
I.BLK-PP068170.D	PIBLK-PP068170.D	Decachlorobiphenyl	2	20	23.5	117		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.9	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.5	98		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.9	104		70 (60)	130 (140)
PB164342BL	PB164342BL	Tetrachloro-m-xylene	1	20	20.1	101		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	21.6	108		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.0	95		30 (10)	150 (157)
PB164342BS	PB164342BS	Decachlorobiphenyl	2	20	21.1	105		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	20.8	104		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	21.4	107		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.0	90		30 (10)	150 (157)
PB164342BSD	PB164342BSD	Decachlorobiphenyl	2	20	20.9	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	22.2	111		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.4	92		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	21.6	108		30 (10)	150 (173)
P4460-06	WB-303-SW	Tetrachloro-m-xylene	1	20	18.5	92		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.7	104		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	17.9	89		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	19.9	100		30 (10)	150 (173)
		Tetrachloro-m-xylene	1	20	20.9	105		70 (60)	130 (140)
I.BLK-PP068184.D	PIBLK-PP068184.D	Decachlorobiphenyl	1	20	22.5	112		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.6	98		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.6	108		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.6	108		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4460

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO107305.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	SU-4-101824MS											
P4455-01MS	AR1016	182.8	0	158	ug/kg	86				40 (55)	140 (146)	
	AR1260	182.8	0	158	ug/kg	86				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4460

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO107306.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	SU-4-101824MSD											
P4455-01MSD	AR1016	183.1	0	171	ug/kg	93		8		40 (55)	140 (146)	30 (20)
	AR1260	183.1	0	160	ug/kg	87		1		40 (45)	140 (144)	30 (20)



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4460

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PO107300.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164287BS	AR1016	166.5	154	ug/kg	92				40 (71)	140 (120)	
	AR1260	166.5	160	ug/kg	96				40 (65)	140 (130)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4460

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP068176.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164342BS	AR1016	5	4.40	ug/L	88				40 (61)	140 (112)		
	AR1260	5	3.90	ug/L	78				40 (66)	140 (113)		



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4460

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP068177.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164342BSD	AR1016	5	4.30	ug/L	86	2			40 (61)	140 (112)	20 (20)
	AR1260	5	4.00	ug/L	80	3			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164287BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4460

SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: PB164287BL

Lab File ID: PO107299.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/21/2024

Date Analyzed (1): 10/21/2024

Date Analyzed (2): 10/21/2024

Time Analyzed (1): 14:49

Time Analyzed (2): 14:49

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
PB164287BS	PB164287BS	PO107300.D	10/21/2024	10/21/2024
SU-4-101824MS	P4455-01MS	PO107305.D	10/21/2024	10/21/2024
SU-4-101824MSD	P4455-01MSD	PO107306.D	10/21/2024	10/21/2024
WB-303-TOP	P4460-02	PO107315.D	10/21/2024	10/21/2024
WB-303-BOT	P4460-03	PO107316.D	10/21/2024	10/21/2024

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164342BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4460

SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: PB164342BL

Lab File ID: PP068175.D

Matrix: (soil/water) WATER

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/23/2024

Date Analyzed (1): 10/23/2024

Date Analyzed (2): 10/23/2024

Time Analyzed (1): 18:22

Time Analyzed (2): 18:22

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB164342BS	PB164342BS	PP068176.D	10/23/2024	10/23/2024
PB164342BSD	PB164342BSD	PP068177.D	10/23/2024	10/23/2024
WB-303-SW	P4460-06	PP068179.D	10/23/2024	10/23/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164287BL	SDG No.:	P4460
Lab Sample ID:	PB164287BL	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
PO107299.D	1	10/21/24 10:10	10/21/24 14:49	PB164287

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	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164342BL	SDG No.:	P4460
Lab Sample ID:	PB164342BL	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
PP068175.D	1	10/23/24 08:53	10/23/24 18:22	PB164342

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	20.1		30 (10) - 150 (157)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		30 (10) - 150 (173)	108%	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:	10/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/15/24	
Client Sample ID:	PIBLK-PO107183.D		SDG No.:	P4460	
Lab Sample ID:	I.BLK-PO107183.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
PO107183.D	1		10/15/24	po101524

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	22.1		70 (60) - 130 (140)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		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:	10/21/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/21/24
Client Sample ID:	PIBLK-PO107297.D	SDG No.:	P4460
Lab Sample ID:	I.BLK-PO107297.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
PO107297.D	1		10/21/24	PO102124

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	24.1		70 (60) - 130 (140)	120%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		70 (60) - 130 (140)	113%	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:	10/21/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/21/24
Client Sample ID:	PIBLK-PO107312.D	SDG No.:	P4460
Lab Sample ID:	I.BLK-PO107312.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
PO107312.D	1		10/21/24	PO102124

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	24.2		70 (60) - 130 (140)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.2	*	70 (60) - 130 (140)	136%	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:	10/22/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/22/24
Client Sample ID:	PIBLK-PO107327.D	SDG No.:	P4460
Lab Sample ID:	I.BLK-PO107327.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
PO107327.D	1		10/22/24	PO102124

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	24.4		70 (60) - 130 (140)	122%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		70 (60) - 130 (140)	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/08/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/08/24	
Client Sample ID:	PIBLK-PP067586.D		SDG No.:	P4460	
Lab Sample ID:	I.BLK-PP067586.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
PP067586.D	1		10/08/24	pp100824

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	21.1		70 (60) - 130 (140)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		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:	10/23/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PP068170.D		SDG No.:	P4460	
Lab Sample ID:	I.BLK-PP068170.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
PP068170.D	1		10/23/24	pp102324

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	19.5		70 (60) - 130 (140)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		70 (60) - 130 (140)	104%	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:	10/23/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/23/24	
Client Sample ID:	PIBLK-PP068184.D		SDG No.:	P4460	
Lab Sample ID:	I.BLK-PP068184.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
PP068184.D	1		10/23/24	pp102324

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	19.6		70 (60) - 130 (140)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		70 (60) - 130 (140)	108%	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:	PB164287BS	SDG No.:	P4460
Lab Sample ID:	PB164287BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
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
PO107300.D	1	10/21/24 10:10	10/21/24 15:07	PB164287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	154		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	160		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		30 (32) - 150 (144)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		30 (32) - 150 (175)	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164342BS		SDG No.:	P4460	
Lab Sample ID:	PB164342BS		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
PP068176.D	1	10/23/24 08:53	10/23/24 18:38	PB164342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.40		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	3.90		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		30 (10) - 150 (157)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		30 (10) - 150 (173)	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:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164342BSD		SDG No.:	P4460	
Lab Sample ID:	PB164342BSD		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
PP068177.D	1	10/23/24 08:53	10/23/24 18:54	PB164342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.30		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	4.00		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		30 (10) - 150 (157)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (10) - 150 (173)	111%	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

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	SU-4-101824MS	SDG No.:	P4460
Lab Sample ID:	P4455-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91
Sample Wt/Vol:	30.05 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
PO107305.D	1	10/21/24 10:10	10/21/24 16:38	PB164287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	158		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	158		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		30 (32) - 150 (144)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		30 (32) - 150 (175)	82%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/18/24
Client Sample ID:	SU-4-101824MSD	SDG No.:	P4460
Lab Sample ID:	P4455-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91
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
PO107306.D	1	10/21/24 10:10	10/21/24 16:56	PB164287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	171		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	160		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.4		30 (32) - 150 (144)	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		30 (32) - 150 (175)	75%	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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene	4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47

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Calibration Times: 18:27 02:36

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.64	3.65	3.64	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_O

Calibration Date(s): 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID:		CF 1000 = <u>PO107184.D</u>		CF 750 = <u>PO107185.D</u>			
CF 500 = <u>PO107186.D</u>		CF 250 = <u>PO107187.D</u>		CF 050 = <u>PO107188.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	252081604	261702867	271939076	291118488	272229420	269814291 5
Aroclor-1016-2	(2)	373760062	383028583	397887352	419075308	410673320	396884925 5
Aroclor-1016-3	(3)	234678633	244145249	256575754	276405664	244042480	251169556 6
Aroclor-1016-4	(4)	185622493	193848624	202963902	215081552	165543020	192611918 10
Aroclor-1016-5	(5)	176326470	182141932	191487930	203514892	159796500	182653545 9
Aroclor-1260-1	(1)	238480871	246497651	259155974	277220676	271587560	258588546 6
Aroclor-1260-2	(2)	243402558	251747185	264083512	284216460	272650860	263220115 6
Aroclor-1260-3	(3)	167353086	171560129	181491762	195138068	183182660	179745141 6
Aroclor-1260-4	(4)	162125557	166999933	175289716	187582032	185522120	175503872 6
Aroclor-1260-5	(5)	268686175	273623828	283035894	299271412	297351500	284393762 5
Decachlorobiphenyl		2362750210	2427138920	2496479000	2603827440	2376686800	2453376474 4
Tetrachloro-m-xylene		8902656430	9087809293	9285762860	9548006280	8745262400	9113899453 3
Aroclor-1242-1	(1)	207947063	205572916	222208808	238956456	243522880	223641625 8
Aroclor-1242-2	(2)	302439626	299949616	323550412	342804408	348858880	323520588 7
Aroclor-1242-3	(3)	191912697	193178427	209638152	224306728	225847640	208976729 8
Aroclor-1242-4	(4)	150447174	145338196	162797508	173135964	168308740	160005516 7
Aroclor-1242-5	(5)	141009343	143408436	153689098	164623016	179679780	156481935 10
Decachlorobiphenyl		2339420350	2427742867	2492700840	2551827400	2426410200	2447620331 3
Tetrachloro-m-xylene		8860043620	8651743680	9146784160	9504075440	9174828800	9067495140 4
Aroclor-1248-1	(1)	155913014	164800668	175191332	184609772	188867720	173876501 8
Aroclor-1248-2	(2)	222845576	238202488	253637968	270074056	280366620	253025342 9
Aroclor-1248-3	(3)	231904923	246233752	259706092	274388212	266197800	255686156 7
Aroclor-1248-4	(4)	237210289	246633865	260533272	272872732	271860120	257822056 6
Aroclor-1248-5	(5)	236273499	246591072	260733536	276314120	280304600	260043365 7
Decachlorobiphenyl		2339780580	2371533013	2504089680	2566158680	2396701200	2435652631 4
Tetrachloro-m-xylene		8719403610	9119992693	9358904180	9492784200	8995773400	9137371617 3
Aroclor-1254-1	(1)	246822697	256579683	264992242	286189960	289157060	268748328 7
Aroclor-1254-2	(2)	348120894	361641555	373031238	401237980	402995760	377405485 6
Aroclor-1254-3	(3)	336293322	345653409	355909306	378498460	372630440	357796987 5
Aroclor-1254-4	(4)	213138598	220171503	227187688	242530220	244046960	229414994 6
Aroclor-1254-5	(5)	194609638	201069208	205869028	220139672	216546640	207646837 5
Decachlorobiphenyl		2357746210	2401897693	2508594000	2601578200	2359367400	2445836701 4
Tetrachloro-m-xylene		8883763230	9164627320	9184369060	9508828480	8791509400	9106619498 3
Aroclor-1268-1	(1)	351862425	352413819	364622844	381760528	369380480	364008019 3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	313096403	314491445	324862806	339637696	320299560	322477582	3
Aroclor-1268-3	(3)	272236453	272760276	282620036	293538700	275661940	279363481	3
Aroclor-1268-4	(4)	112236308	111261111	114714594	116428084	101458340	111219687	5
Aroclor-1268-5	(5)	836674479	833098204	847063314	864357444	781067560	832452200	4
Decachlorobiphenyl		4074190590	4136234160	4241958160	4399826360	4004084600	4171258774	4
Tetrachloro-m-xylene		9139601460	8935957933	9311606620	9495189880	8951901000	9166851379	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_O

Calibration Date(s): 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID:		CF 1000 = <u>PO107184.D</u>		CF 750 = <u>PO107185.D</u>			
CF 500 = <u>PO107186.D</u>		CF 250 = <u>PO107187.D</u>		CF 050 = <u>PO107188.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	98519363	99934743	102532802	106601384	108740020	103265662
Aroclor-1016-2	(2)	140533795	142751421	144315942	146877552	130360060	140967754
Aroclor-1016-3	(3)	75819146	77111448	78799028	81783348	80215260	78745646
Aroclor-1016-4	(4)	61532960	63413097	65607722	69564368	70423600	66108349
Aroclor-1016-5	(5)	78878086	80970861	83522668	86940988	80356660	82133853
Aroclor-1260-1	(1)	150450531	152030172	155131756	161942364	156218200	155154605
Aroclor-1260-2	(2)	173752920	181526657	184104290	189736236	151457920	176115605
Aroclor-1260-3	(3)	168454604	170292340	172108108	175991544	151894120	167748143
Aroclor-1260-4	(4)	143637024	144895129	147115166	150514212	137242140	144680734
Aroclor-1260-5	(5)	340738400	339782780	336796716	340391952	289493480	329440666
Decachlorobiphenyl		2730622670	2745732653	2784792900	2852828640	2594005000	2741596373
Tetrachloro-m-xylene		3312014480	3338472613	3349065240	3230716080	2862214000	3218496483
Aroclor-1242-1	(1)	80390662	80447493	83937762	87266896	86674240	83743411
Aroclor-1242-2	(2)	114487494	111266404	117741916	120667112	114031640	115638913
Aroclor-1242-3	(3)	61817452	60461905	64396992	66865868	63624080	63433259
Aroclor-1242-4	(4)	60582529	60636219	64384594	68045260	66598220	64049364
Aroclor-1242-5	(5)	73763103	75675432	77215916	80736528	80226620	77523520
Decachlorobiphenyl		2686985320	2764418280	2764436780	2798541920	2665265400	2735929540
Tetrachloro-m-xylene		3315724680	3241948653	3341198040	3335574400	2920075400	3230904235
Aroclor-1248-1	(1)	60218805	63038185	64879120	66667236	62402400	63441149
Aroclor-1248-2	(2)	85173308	89108361	93061950	96541480	93540340	91485088
Aroclor-1248-3	(3)	89257070	93226611	97377878	100891904	96212540	95393201
Aroclor-1248-4	(4)	105934439	110533117	114760412	117772688	111691080	112138347
Aroclor-1248-5	(5)	102828085	105359652	109801380	114217964	119140640	110269544
Decachlorobiphenyl		2669365810	2682497173	2791873700	2836714480	2679938000	2732077833
Tetrachloro-m-xylene		3278417600	3389239440	3425836480	3362184040	2965722400	3284279992
Aroclor-1254-1	(1)	159855276	163854537	165548332	171717704	162964860	164788142
Aroclor-1254-2	(2)	138468840	142269335	144546922	151325972	148203140	144962842
Aroclor-1254-3	(3)	227061110	231385951	232213406	238575248	218867080	229620559
Aroclor-1254-4	(4)	128242906	130249965	131325350	135207044	122091880	129423429
Aroclor-1254-5	(5)	191904554	195153152	195378104	201188864	171636600	191052255
Decachlorobiphenyl		2726927150	2738190720	2773447120	2836815760	2598739800	2734824110
Tetrachloro-m-xylene		3347799560	3397335627	3354246660	3362236280	2930639600	3278451545
Aroclor-1268-1	(1)	419191400	409991492	413863584	410849472	368955300	404570250

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	389672996	380096764	383518208	378699872	334345600	373266688	6
Aroclor-1268-3	(3)	345284332	337828173	339535756	338755760	307004380	333681680	5
Aroclor-1268-4	(4)	129107993	127445005	127285362	129260796	113749480	125369727	5
Aroclor-1268-5	(5)	1049237500	1019311260	1017080130	996315476	856840280	987756929	8
Decachlorobiphenyl		4873889790	4739451973	4823511780	4890043960	4430545400	4751488581	4
Tetrachloro-m-xylene		3440286630	3329771373	3416104800	3331345720	2963806400	3296262985	6

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_O Date(s) Analyzed: 10/15/2024 10/16/2024

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	110010000
		2	4.66	4.56	4.76	78836600
		3	4.73	4.63	4.83	234100000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.73	4.63	4.83	195844000
		2	5.26	5.16	5.36	103025000
		3	5.54	5.44	5.64	179001000
		4	5.70	5.60	5.80	90165400
		5	5.80	5.70	5.90	65903200
Aroclor-1262	500	1	7.74	7.64	7.84	245548000
		2	8.28	8.18	8.38	309420000
		3	8.59	8.49	8.69	209196000
		4	8.68	8.58	8.78	163066000
		5	9.32	9.22	9.42	102764000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_O Date(s) Analyzed: 10/15/2024 10/16/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	34895600
		2	3.94	3.84	4.04	26624800
		3	4.02	3.92	4.12	81218600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	67327000
		2	4.75	4.65	4.85	63205200
		3	4.92	4.82	5.02	34475000
		4	5.00	4.90	5.10	31466000
		5	5.18	5.08	5.28	33083400
Aroclor-1262	500	1	6.76	6.66	6.86	212876000
		2	7.26	7.16	7.36	363332000
		3	7.54	7.44	7.64	137384000
		4	7.61	7.51	7.71	264574000
		5	8.10	8.00	8.20	112833000

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.67	10.67	10.67	10.67	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene	4.76	4.75	4.75	4.75	4.75	4.75	4.65	4.85

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_P Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

LAB FILE ID:	RT 1000 = <u>PP067587.D</u>	RT 750 = <u>PP067588.D</u>
RT 500 = <u>PP067589.D</u>	RT 250 = <u>PP067590.D</u>	RT 050 = <u>PP067591.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1016-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1016-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1016-4	(4)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1016-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1260-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1260-2	(2)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Aroclor-1260-3	(3)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-4	(4)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1260-5	(5)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1242-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1242-4	(4)	5.45	5.45	5.45	5.44	5.45	5.45	5.35	5.55
Aroclor-1242-5	(5)	5.97	5.98	5.98	5.97	5.98	5.98	5.88	6.08
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1248-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-2	(2)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1248-3	(3)	5.44	5.45	5.44	5.44	5.45	5.44	5.34	5.54
Aroclor-1248-4	(4)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1248-5	(5)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1254-1	(1)	5.98	5.97	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1254-2	(2)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-3	(3)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1254-4	(4)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1254-5	(5)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1268-1	(1)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1268-2	(2)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1268-3	(3)	8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Aroclor-1268-4	(4)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-5	(5)	8.93	8.93	8.93	8.92	8.93	8.93	8.83	9.03

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_P

Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

LAB FILE ID:		CF 1000 = <u>PP067587.D</u>		CF 750 = <u>PP067588.D</u>			
CF 500 = <u>PP067589.D</u>		CF 250 = <u>PP067590.D</u>		CF 050 = <u>PP067591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	31263736	32233361	34196172	36221284	31418860	33066683
Aroclor-1016-2	(2)	45702590	47619661	49829602	53216480	47485960	48770859
Aroclor-1016-3	(3)	29655293	30980703	32521866	34545868	29856000	31511946
Aroclor-1016-4	(4)	24305642	24965132	26130902	27480568	25835960	25743641
Aroclor-1016-5	(5)	25253642	26507995	28106138	29556500	25910240	27066903
Aroclor-1260-1	(1)	48881600	51062627	53497292	60189956	56487000	54023695
Aroclor-1260-2	(2)	57303356	59473712	62743556	68896016	67937280	63270784
Aroclor-1260-3	(3)	47767972	49860571	52672962	57075820	51866880	51848841
Aroclor-1260-4	(4)	55679811	58146343	61152700	66302976	59690240	60194414
Aroclor-1260-5	(5)	101142428	103711039	108382514	116162164	109162380	107712105
Decachlorobiphenyl		1047572970	1092521333	1163088620	1272493760	1180845600	1151304457
Tetrachloro-m-xylene		918389550	937648760	969374660	977965440	824831600	925642002
Aroclor-1242-1	(1)	26136486	27020177	28880182	30131840	27517000	27937137
Aroclor-1242-2	(2)	37560737	39520053	41823206	43424048	40845460	40634701
Aroclor-1242-3	(3)	24775066	25964975	27626992	28013716	28443000	26964750
Aroclor-1242-4	(4)	19919938	20877219	22020082	22198916	22236220	21450475
Aroclor-1242-5	(5)	22664411	23310707	24494326	25449828	24710200	24125894
Decachlorobiphenyl		1049846500	1096431853	1183590260	1273416280	1210794800	1162815939
Tetrachloro-m-xylene		918045770	945319107	991838280	988565840	844744200	937702639
Aroclor-1248-1	(1)	19592099	21187299	21900336	23649416	20785280	21422886
Aroclor-1248-2	(2)	29912773	32262593	34275072	36926580	34706360	33616676
Aroclor-1248-3	(3)	33038688	35344895	37623064	40558304	36562360	36625462
Aroclor-1248-4	(4)	36925252	39416441	41800322	44728924	39382640	40450716
Aroclor-1248-5	(5)	36740691	38953265	40984016	43781648	37845340	39660992
Decachlorobiphenyl		1055450820	1109667187	1169649200	1282118000	1302489400	1183874921
Tetrachloro-m-xylene		902146960	926581653	953867240	992359080	895156800	934022347
Aroclor-1254-1	(1)	40350769	42082559	45284156	48868552	47326420	44782491
Aroclor-1254-2	(2)	59814731	62129524	65787698	71625140	71131660	66097751
Aroclor-1254-3	(3)	64043672	65831181	69388346	74782692	73217700	69452718
Aroclor-1254-4	(4)	45989306	47460167	50157578	54420004	51495700	49904551
Aroclor-1254-5	(5)	54192853	57072867	59852552	64108404	61236860	59292707
Decachlorobiphenyl		1068499200	1106116080	1182150460	1298012320	1262855400	1183526692
Tetrachloro-m-xylene		931363580	935898013	956149560	989159640	878805200	938275199
Aroclor-1268-1	(1)	139515419	144470283	150997662	162718796	165540620	152648556

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	125679796	130088461	136577130	145743784	144888120	136595458	6
Aroclor-1268-3	(3)	110668977	116741077	119635012	130534268	127010440	120917955	7
Aroclor-1268-4	(4)	48063749	49890017	52720184	55641072	47784700	50819944	7
Aroclor-1268-5	(5)	348373365	356693093	372169718	389623012	400486540	373469146	6
Decachlorobiphenyl		1758376420	1827520213	1952930880	2093924120	2163079000	1959166127	9
Tetrachloro-m-xylene		908125750	922962547	955684560	986676760	888810200	932451963	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_P Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

LAB FILE ID:		CF 1000 = <u>PP067587.D</u>		CF 750 = <u>PP067588.D</u>			
CF 500 = <u>PP067589.D</u>		CF 250 = <u>PP067590.D</u>		CF 050 = <u>PP067591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	32214100	33511487	34894776	37855020	36460880	34987253
Aroclor-1016-2	(2)	45072170	46943971	48711842	52177748	47937020	48168550
Aroclor-1016-3	(3)	25675074	27277663	27567444	28514452	25652840	26937495
Aroclor-1016-4	(4)	22207756	23688287	24482426	25758704	24288360	24085107
Aroclor-1016-5	(5)	28303958	30184395	30998408	32062244	30500300	30409861
Aroclor-1260-1	(1)	51490839	53867885	56846930	62693500	59910740	56961979
Aroclor-1260-2	(2)	60685581	63183867	66653346	73175968	69823160	66704384
Aroclor-1260-3	(3)	58195863	60818087	64471984	69084640	65935040	63701123
Aroclor-1260-4	(4)	51141777	52463477	55669740	60213672	56975040	55292741
Aroclor-1260-5	(5)	115751172	117431688	122205526	128041940	128062520	122298569
Decachlorobiphenyl		1016699470	1064912133	1114817860	1215156720	1195705800	1121458397
Tetrachloro-m-xylene		976302160	1002778080	1038188640	1086259240	948485600	1010402744
Aroclor-1242-1	(1)	26643227	27902807	30082486	31864192	28889440	29076430
Aroclor-1242-2	(2)	37173910	38324184	40855302	43058560	41326680	40147727
Aroclor-1242-3	(3)	21209836	21846417	23389330	23608008	22421520	22495022
Aroclor-1242-4	(4)	21894421	22781385	24633780	25302636	24076280	23737700
Aroclor-1242-5	(5)	25904963	27452171	28860038	30792124	30238540	28649567
Decachlorobiphenyl		1030873660	1074484253	1144199140	1227463640	1208383800	1137080899
Tetrachloro-m-xylene		979317100	1008877893	1048426020	1079705600	995407400	1022346803
Aroclor-1248-1	(1)	20323070	21892911	22863994	24075660	24163260	22663779
Aroclor-1248-2	(2)	29599820	31598663	33173378	36121664	34985540	33095813
Aroclor-1248-3	(3)	31098926	33116664	34686272	37576628	35894680	34474634
Aroclor-1248-4	(4)	36529837	38774123	40329020	44225180	44921420	40955916
Aroclor-1248-5	(5)	34201195	35911461	37616042	40473884	39013140	37443144
Decachlorobiphenyl		1032353410	1073137907	1131465640	1215505400	1241215600	1138735591
Tetrachloro-m-xylene		952656120	994994613	1000591240	1068188360	991037600	1001493587
Aroclor-1254-1	(1)	53478224	54895953	58959138	64085456	64000720	59083898
Aroclor-1254-2	(2)	47135286	48672312	52146652	56922440	57444240	52464186
Aroclor-1254-3	(3)	76675976	78569371	83205416	89086976	88502520	83208052
Aroclor-1254-4	(4)	44235570	45939643	48363680	51938700	50893660	48274251
Aroclor-1254-5	(5)	68142947	70671431	73760414	78813244	76368180	73551243
Decachlorobiphenyl		1041164600	1082182560	1142537200	1244245720	1270180600	1156062136
Tetrachloro-m-xylene		969890570	991360533	1038975520	1064707400	994465600	1011879925
Aroclor-1268-1	(1)	146986557	151844596	158019168	168079912	170778780	159141803

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	133073925	137248829	142523422	151222024	151862520	143186144	6
Aroclor-1268-3	(3)	117364027	121504320	126517254	135757020	136405580	127509640	7
Aroclor-1268-4	(4)	51956547	53952379	54797154	61002600	60671520	56476040	7
Aroclor-1268-5	(5)	359344903	364434196	374618632	391618688	400161860	378035656	5
Decachlorobiphenyl		1755186720	1802467867	1889666160	2047579480	2153015200	1929583085	9
Tetrachloro-m-xylene		970169850	991215560	1007059780	1064676080	979052800	1002434814	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_P Date(s) Analyzed: 10/08/2024 10/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.96	4.86	5.06	12809900
		2	5.04	4.94	5.14	9460580
		3	5.12	5.02	5.22	28907800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.12	5.02	5.22	22859800
		2	5.65	5.55	5.75	11783000
		3	5.94	5.84	6.04	22275000
		4	6.10	6.00	6.20	11287400
		5	6.19	6.09	6.29	9120180
Aroclor-1262	500	1	8.37	8.27	8.47	71771400
		2	8.71	8.61	8.81	121580000
		3	9.05	8.95	9.15	88514200
		4	9.14	9.04	9.24	69944800
		5	9.84	9.74	9.94	46791200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Instrument ID: ECD_P Date(s) Analyzed: 10/08/2024 10/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.27	4.17	4.37	13170200
		2	4.36	4.26	4.46	9961240
		3	4.43	4.33	4.53	31131200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.43	4.33	4.53	24333000
		2	5.18	5.08	5.28	22365000
		3	5.36	5.26	5.46	11943800
		4	5.45	5.35	5.55	11531400
		5	5.62	5.52	5.72	13450300
Aroclor-1262	500	1	7.22	7.12	7.32	78673400
		2	7.48	7.38	7.58	70962000
		3	8.01	7.91	8.11	57099400
		4	8.07	7.97	8.17	100436000
		5	8.60	8.50	8.70	50017800

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL01 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107293.D Time Analyzed: 11:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.521	5.423	5.623	506.980	500.000	1.4
Aroclor-1016-2	5.544	5.445	5.645	491.800	500.000	-1.6
Aroclor-1016-3	5.605	5.507	5.707	459.940	500.000	-8.0
Aroclor-1016-4	5.702	5.604	5.804	484.940	500.000	-3.0
Aroclor-1016-5	5.997	5.899	6.099	482.770	500.000	-3.4
Aroclor-1260-1	7.124	7.026	7.226	492.220	500.000	-1.6
Aroclor-1260-2	7.379	7.282	7.482	524.180	500.000	4.8
Aroclor-1260-3	7.742	7.643	7.843	510.390	500.000	2.1
Aroclor-1260-4	7.966	7.868	8.068	510.260	500.000	2.1
Aroclor-1260-5	8.280	8.181	8.381	544.830	500.000	9.0
Decachlorobiphenyl	10.057	9.958	10.158	50.010	50.000	0.0
Tetrachloro-m-xylene	4.373	4.274	4.474	51.260	50.000	2.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL01 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107293.D Time Analyzed: 11:58

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.726	4.626	4.826	514.630	500.000	2.9
Aroclor-1016-2	4.745	4.645	4.845	527.080	500.000	5.4
Aroclor-1016-3	4.921	4.821	5.021	492.510	500.000	-1.5
Aroclor-1016-4	4.961	4.862	5.062	451.280	500.000	-9.7
Aroclor-1016-5	5.175	5.076	5.276	491.380	500.000	-1.7
Aroclor-1260-1	6.206	6.107	6.307	518.020	500.000	3.6
Aroclor-1260-2	6.393	6.294	6.494	537.770	500.000	7.6
Aroclor-1260-3	6.546	6.448	6.648	527.570	500.000	5.5
Aroclor-1260-4	7.016	6.918	7.118	517.840	500.000	3.6
Aroclor-1260-5	7.257	7.159	7.359	546.300	500.000	9.3
Decachlorobiphenyl	8.636	8.539	8.739	51.800	50.000	3.6
Tetrachloro-m-xylene	3.645	3.545	3.745	52.920	50.000	5.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 18:15 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.05	10.06	9.96	10.16	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 18:15 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL02 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107308.D Time Analyzed: 18:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.521	5.423	5.623	483.570	500.000	-3.3
Aroclor-1016-2	5.543	5.445	5.645	471.960	500.000	-5.6
Aroclor-1016-3	5.605	5.507	5.707	442.600	500.000	-11.5
Aroclor-1016-4	5.702	5.604	5.804	476.570	500.000	-4.7
Aroclor-1016-5	5.996	5.899	6.099	497.990	500.000	-0.4
Aroclor-1260-1	7.123	7.026	7.226	499.660	500.000	-0.1
Aroclor-1260-2	7.378	7.282	7.482	507.460	500.000	1.5
Aroclor-1260-3	7.740	7.643	7.843	513.820	500.000	2.8
Aroclor-1260-4	7.965	7.868	8.068	504.850	500.000	1.0
Aroclor-1260-5	8.278	8.181	8.381	514.530	500.000	2.9
Decachlorobiphenyl	10.053	9.958	10.158	48.130	50.000	-3.7
Tetrachloro-m-xylene	4.372	4.274	4.474	50.560	50.000	1.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL02 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107308.D Time Analyzed: 18:15

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.726	4.626	4.826	512.880	500.000	2.6
Aroclor-1016-2	4.745	4.645	4.845	533.630	500.000	6.7
Aroclor-1016-3	4.920	4.821	5.021	489.740	500.000	-2.1
Aroclor-1016-4	4.961	4.862	5.062	457.260	500.000	-8.5
Aroclor-1016-5	5.175	5.076	5.276	513.220	500.000	2.6
Aroclor-1260-1	6.206	6.107	6.307	486.800	500.000	-2.6
Aroclor-1260-2	6.393	6.294	6.494	524.290	500.000	4.9
Aroclor-1260-3	6.547	6.448	6.648	495.030	500.000	-1.0
Aroclor-1260-4	7.017	6.918	7.118	478.400	500.000	-4.3
Aroclor-1260-5	7.257	7.159	7.359	487.470	500.000	-2.5
Decachlorobiphenyl	8.637	8.539	8.739	44.100	50.000	-11.8
Tetrachloro-m-xylene	3.645	3.545	3.745	53.390	50.000	6.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 23:30 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.96	7.97	7.87	8.07	0.01
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/21/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 23:30 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-2	(2)	4.75	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.18	5.18	5.08	5.28	0.00
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL03 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107323.D Time Analyzed: 23:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.521	5.423	5.623	519.640	500.000	3.9
Aroclor-1016-2	5.543	5.445	5.645	506.910	500.000	1.4
Aroclor-1016-3	5.606	5.507	5.707	479.170	500.000	-4.2
Aroclor-1016-4	5.701	5.604	5.804	506.100	500.000	1.2
Aroclor-1016-5	5.997	5.899	6.099	508.720	500.000	1.7
Aroclor-1260-1	7.122	7.026	7.226	535.060	500.000	7.0
Aroclor-1260-2	7.379	7.282	7.482	547.990	500.000	9.6
Aroclor-1260-3	7.740	7.643	7.843	510.820	500.000	2.2
Aroclor-1260-4	7.964	7.868	8.068	540.140	500.000	8.0
Aroclor-1260-5	8.278	8.181	8.381	580.330	500.000	16.1
Decachlorobiphenyl	10.055	9.958	10.158	49.390	50.000	-1.2
Tetrachloro-m-xylene	4.372	4.274	4.474	52.850	50.000	5.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL03 Date Analyzed: 10/21/2024

Lab Sample No.: AR1660CCC500 Data File : PO107323.D Time Analyzed: 23:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.726	4.626	4.826	522.590	500.000	4.5
Aroclor-1016-2	4.745	4.645	4.845	548.030	500.000	9.6
Aroclor-1016-3	4.921	4.821	5.021	508.560	500.000	1.7
Aroclor-1016-4	4.962	4.862	5.062	466.520	500.000	-6.7
Aroclor-1016-5	5.175	5.076	5.276	555.540	500.000	11.1
Aroclor-1260-1	6.206	6.107	6.307	543.800	500.000	8.8
Aroclor-1260-2	6.393	6.294	6.494	572.690	500.000	14.5
Aroclor-1260-3	6.547	6.448	6.648	543.390	500.000	8.7
Aroclor-1260-4	7.018	6.918	7.118	544.220	500.000	8.8
Aroclor-1260-5	7.257	7.159	7.359	556.140	500.000	11.2
Decachlorobiphenyl	8.637	8.539	8.739	49.000	50.000	-2.0
Tetrachloro-m-xylene	3.645	3.545	3.745	53.780	50.000	7.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 15:57 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.10	6.00	6.20	-0.01
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 15:57 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.22	9.12	9.32	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL04 Date Analyzed: 10/23/2024

Lab Sample No.: AR1660CCC500 Data File : PP068166.D Time Analyzed: 15:57

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.921	5.819	6.019	491.140	500.000	-1.8
Aroclor-1016-2	5.944	5.842	6.042	505.430	500.000	1.1
Aroclor-1016-3	6.007	5.905	6.105	491.780	500.000	-1.6
Aroclor-1016-4	6.105	6.003	6.203	485.430	500.000	-2.9
Aroclor-1016-5	6.399	6.298	6.498	476.670	500.000	-4.7
Aroclor-1260-1	7.523	7.422	7.622	449.530	500.000	-10.1
Aroclor-1260-2	7.776	7.675	7.875	448.260	500.000	-10.3
Aroclor-1260-3	8.138	8.037	8.237	457.380	500.000	-8.5
Aroclor-1260-4	8.376	8.275	8.475	456.620	500.000	-8.7
Aroclor-1260-5	8.713	8.612	8.812	462.630	500.000	-7.5
Decachlorobiphenyl	10.670	10.569	10.769	48.800	50.000	-2.4
Tetrachloro-m-xylene	4.757	4.655	4.855	51.470	50.000	2.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL04 Date Analyzed: 10/23/2024

Lab Sample No.: AR1660CCC500 Data File : PP068166.D Time Analyzed: 15:57

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.157	5.061	5.261	465.090	500.000	-7.0
Aroclor-1016-2	5.177	5.081	5.281	473.530	500.000	-5.3
Aroclor-1016-3	5.357	5.262	5.462	476.580	500.000	-4.7
Aroclor-1016-4	5.397	5.301	5.501	471.310	500.000	-5.7
Aroclor-1016-5	5.616	5.520	5.720	467.820	500.000	-6.4
Aroclor-1260-1	6.659	6.564	6.764	451.860	500.000	-9.6
Aroclor-1260-2	6.846	6.750	6.950	457.130	500.000	-8.6
Aroclor-1260-3	7.004	6.908	7.108	455.780	500.000	-8.8
Aroclor-1260-4	7.478	7.383	7.583	458.570	500.000	-8.3
Aroclor-1260-5	7.716	7.622	7.822	455.920	500.000	-8.8
Decachlorobiphenyl	9.209	9.119	9.319	46.300	50.000	-7.4
Tetrachloro-m-xylene	4.050	3.952	4.152	48.480	50.000	-3.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 20:04 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.10	6.00	6.20	-0.01
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.53	7.52	7.42	7.62	-0.01
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Continuing Calib Date: 10/23/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 20:04 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.01	7.01	6.91	7.11	0.00
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.22	9.12	9.32	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL05 Date Analyzed: 10/23/2024

Lab Sample No.: AR1660CCC500 Data File : PP068180.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.923	5.819	6.019	497.330	500.000	-0.5
Aroclor-1016-2	5.945	5.842	6.042	503.300	500.000	0.7
Aroclor-1016-3	6.008	5.905	6.105	489.880	500.000	-2.0
Aroclor-1016-4	6.106	6.003	6.203	480.170	500.000	-4.0
Aroclor-1016-5	6.400	6.298	6.498	480.560	500.000	-3.9
Aroclor-1260-1	7.525	7.422	7.622	461.200	500.000	-7.8
Aroclor-1260-2	7.778	7.675	7.875	466.470	500.000	-6.7
Aroclor-1260-3	8.139	8.037	8.237	469.470	500.000	-6.1
Aroclor-1260-4	8.378	8.275	8.475	471.690	500.000	-5.7
Aroclor-1260-5	8.714	8.612	8.812	474.540	500.000	-5.1
Decachlorobiphenyl	10.672	10.569	10.769	49.760	50.000	-0.5
Tetrachloro-m-xylene	4.758	4.655	4.855	51.720	50.000	3.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL05 Date Analyzed: 10/23/2024

Lab Sample No.: AR1660CCC500 Data File : PP068180.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.158	5.061	5.261	466.650	500.000	-6.7
Aroclor-1016-2	5.178	5.081	5.281	471.050	500.000	-5.8
Aroclor-1016-3	5.358	5.262	5.462	476.420	500.000	-4.7
Aroclor-1016-4	5.397	5.301	5.501	471.550	500.000	-5.7
Aroclor-1016-5	5.617	5.520	5.720	475.810	500.000	-4.8
Aroclor-1260-1	6.660	6.564	6.764	465.690	500.000	-6.9
Aroclor-1260-2	6.847	6.750	6.950	475.110	500.000	-5.0
Aroclor-1260-3	7.005	6.908	7.108	465.600	500.000	-6.9
Aroclor-1260-4	7.478	7.383	7.583	470.220	500.000	-6.0
Aroclor-1260-5	7.717	7.622	7.822	470.390	500.000	-5.9
Decachlorobiphenyl	9.212	9.119	9.319	48.140	50.000	-3.7
Tetrachloro-m-xylene	4.051	3.952	4.152	47.960	50.000	-4.1

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4460
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/15/2024 10/15/2024

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	10/15/2024	18:08	PO107183.D	10.06	4.37
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	10.06	4.37
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	10.06	4.37
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	10.06	4.37
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	10.06	4.37
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	10.06	4.37
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	10.06	4.37
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	10.06	4.37
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	10.06	4.37
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	10.06	4.37
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	10.06	4.37
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	10.06	4.37
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	10.06	4.37
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	10.06	4.37
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	10.06	4.37
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	10.06	4.37
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	10.06	4.37
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	10.06	4.37
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	10.06	4.37
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	10.06	4.37
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	10.06	4.37
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	10.06	4.37
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	10.06	4.37
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	10.06	4.37
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	10.06	4.37
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	10.06	4.37
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	10.06	4.37
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/21/2024	11:58	PO107293.D	10.06	4.37
IBLK	IBLK	10/21/2024	14:13	PO107297.D	10.06	4.37
PB164287BL	PB164287BL	10/21/2024	14:49	PO107299.D	10.06	4.37
PB164287BS	PB164287BS	10/21/2024	15:07	PO107300.D	10.06	4.37
SU-4-101824MS	P4455-01MS	10/21/2024	16:38	PO107305.D	10.06	4.37
SU-4-101824MSD	P4455-01MSD	10/21/2024	16:56	PO107306.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/21/2024	18:15	PO107308.D	10.05	4.37
IBLK	IBLK	10/21/2024	19:28	PO107312.D	10.05	4.37
WB-303-TOP	P4460-02	10/21/2024	20:22	PO107315.D	10.06	4.37
WB-303-BOT	P4460-03	10/21/2024	20:40	PO107316.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/21/2024	23:30	PO107323.D	10.06	4.37
IBLK	IBLK	10/22/2024	00:42	PO107327.D	10.06	4.37
IBLK	IBLK	10/08/2024	16:14	PP067586.D	10.67	4.75

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/08/2024	16:30	PP067587.D	10.67	4.75
AR1660ICC750	AR1660ICC750	10/08/2024	16:46	PP067588.D	10.67	4.75
AR1660ICC500	AR1660ICC500	10/08/2024	17:02	PP067589.D	10.67	4.76
AR1660ICC250	AR1660ICC250	10/08/2024	17:19	PP067590.D	10.67	4.75
AR1660ICC050	AR1660ICC050	10/08/2024	17:35	PP067591.D	10.67	4.76
AR1221ICC500	AR1221ICC500	10/08/2024	17:51	PP067592.D	10.67	4.75
AR1232ICC500	AR1232ICC500	10/08/2024	18:07	PP067593.D	10.67	4.75
AR1242ICC1000	AR1242ICC1000	10/08/2024	18:23	PP067594.D	10.67	4.76
AR1242ICC750	AR1242ICC750	10/08/2024	18:39	PP067595.D	10.67	4.76
AR1242ICC500	AR1242ICC500	10/08/2024	18:55	PP067596.D	10.67	4.75
AR1242ICC250	AR1242ICC250	10/08/2024	19:12	PP067597.D	10.67	4.76
AR1242ICC050	AR1242ICC050	10/08/2024	19:28	PP067598.D	10.67	4.75
AR1248ICC1000	AR1248ICC1000	10/08/2024	19:44	PP067599.D	10.67	4.75
AR1248ICC750	AR1248ICC750	10/08/2024	20:00	PP067600.D	10.67	4.75
AR1248ICC500	AR1248ICC500	10/08/2024	20:16	PP067601.D	10.67	4.75
AR1248ICC250	AR1248ICC250	10/08/2024	20:32	PP067602.D	10.67	4.75
AR1248ICC050	AR1248ICC050	10/08/2024	20:49	PP067603.D	10.66	4.75
AR1254ICC1000	AR1254ICC1000	10/08/2024	21:05	PP067604.D	10.67	4.76
AR1254ICC750	AR1254ICC750	10/08/2024	21:21	PP067605.D	10.67	4.75
AR1254ICC500	AR1254ICC500	10/08/2024	21:37	PP067606.D	10.67	4.75
AR1254ICC250	AR1254ICC250	10/08/2024	21:53	PP067607.D	10.67	4.75
AR1254ICC050	AR1254ICC050	10/08/2024	22:09	PP067608.D	10.66	4.75
AR1262ICC500	AR1262ICC500	10/08/2024	22:25	PP067609.D	10.66	4.75
AR1268ICC1000	AR1268ICC1000	10/08/2024	22:42	PP067610.D	10.67	4.76
AR1268ICC750	AR1268ICC750	10/08/2024	22:58	PP067611.D	10.67	4.75
AR1268ICC500	AR1268ICC500	10/08/2024	23:14	PP067612.D	10.67	4.75
AR1268ICC250	AR1268ICC250	10/08/2024	23:30	PP067613.D	10.67	4.75
AR1268ICC050	AR1268ICC050	10/08/2024	23:46	PP067614.D	10.67	4.75
AR1660CCC500	AR1660CCC500	10/23/2024	15:57	PP068166.D	10.67	4.76
IBLK	IBLK	10/23/2024	17:01	PP068170.D	10.67	4.76
PB164342BL	PB164342BL	10/23/2024	18:22	PP068175.D	10.67	4.75
PB164342BS	PB164342BS	10/23/2024	18:38	PP068176.D	10.67	4.76
PB164342BSD	PB164342BSD	10/23/2024	18:54	PP068177.D	10.67	4.76
WB-303-SW	P4460-06	10/23/2024	19:26	PP068179.D	10.67	4.76
AR1660CCC500	AR1660CCC500	10/23/2024	20:04	PP068180.D	10.67	4.76
IBLK	IBLK	10/23/2024	21:08	PP068184.D	10.67	4.76

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4460
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/15/2024 10/15/2024

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	10/15/2024	18:08	PO107183.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	8.64	3.64
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	8.64	3.64
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	8.64	3.65
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	8.64	3.64
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	8.64	3.64
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	8.64	3.64
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	8.64	3.64
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	8.64	3.64
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	8.64	3.64
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	8.64	3.64
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	8.64	3.65
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	8.64	3.64
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	8.64	3.64
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	8.64	3.64
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	8.64	3.64
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	8.64	3.65
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	8.64	3.64
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	8.64	3.64
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	8.64	3.64
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	8.64	3.65
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	8.64	3.64
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	8.64	3.65
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	8.64	3.64
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	8.64	3.65
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	8.64	3.64
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/21/2024	11:58	PO107293.D	8.64	3.65
IBLK	IBLK	10/21/2024	14:13	PO107297.D	8.64	3.64
PB164287BL	PB164287BL	10/21/2024	14:49	PO107299.D	8.64	3.64
PB164287BS	PB164287BS	10/21/2024	15:07	PO107300.D	8.64	3.64
SU-4-101824MS	P4455-01MS	10/21/2024	16:38	PO107305.D	8.64	3.64
SU-4-101824MSD	P4455-01MSD	10/21/2024	16:56	PO107306.D	8.64	3.64
AR1660CCC500	AR1660CCC500	10/21/2024	18:15	PO107308.D	8.64	3.65
IBLK	IBLK	10/21/2024	19:28	PO107312.D	8.64	3.65
WB-303-TOP	P4460-02	10/21/2024	20:22	PO107315.D	8.64	3.64
WB-303-BOT	P4460-03	10/21/2024	20:40	PO107316.D	8.64	3.64
AR1660CCC500	AR1660CCC500	10/21/2024	23:30	PO107323.D	8.64	3.65
IBLK	IBLK	10/22/2024	00:42	PO107327.D	8.64	3.65
IBLK	IBLK	10/08/2024	16:14	PP067586.D	9.22	4.05

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/08/2024	16:30	PP067587.D	9.22	4.05
AR1660ICC750	AR1660ICC750	10/08/2024	16:46	PP067588.D	9.22	4.05
AR1660ICC500	AR1660ICC500	10/08/2024	17:02	PP067589.D	9.22	4.05
AR1660ICC250	AR1660ICC250	10/08/2024	17:19	PP067590.D	9.22	4.05
AR1660ICC050	AR1660ICC050	10/08/2024	17:35	PP067591.D	9.22	4.05
AR1221ICC500	AR1221ICC500	10/08/2024	17:51	PP067592.D	9.22	4.05
AR1232ICC500	AR1232ICC500	10/08/2024	18:07	PP067593.D	9.22	4.05
AR1242ICC1000	AR1242ICC1000	10/08/2024	18:23	PP067594.D	9.22	4.05
AR1242ICC750	AR1242ICC750	10/08/2024	18:39	PP067595.D	9.22	4.05
AR1242ICC500	AR1242ICC500	10/08/2024	18:55	PP067596.D	9.22	4.05
AR1242ICC250	AR1242ICC250	10/08/2024	19:12	PP067597.D	9.22	4.05
AR1242ICC050	AR1242ICC050	10/08/2024	19:28	PP067598.D	9.22	4.05
AR1248ICC1000	AR1248ICC1000	10/08/2024	19:44	PP067599.D	9.22	4.05
AR1248ICC750	AR1248ICC750	10/08/2024	20:00	PP067600.D	9.22	4.05
AR1248ICC500	AR1248ICC500	10/08/2024	20:16	PP067601.D	9.22	4.05
AR1248ICC250	AR1248ICC250	10/08/2024	20:32	PP067602.D	9.22	4.05
AR1248ICC050	AR1248ICC050	10/08/2024	20:49	PP067603.D	9.22	4.05
AR1254ICC1000	AR1254ICC1000	10/08/2024	21:05	PP067604.D	9.22	4.05
AR1254ICC750	AR1254ICC750	10/08/2024	21:21	PP067605.D	9.22	4.05
AR1254ICC500	AR1254ICC500	10/08/2024	21:37	PP067606.D	9.22	4.05
AR1254ICC250	AR1254ICC250	10/08/2024	21:53	PP067607.D	9.22	4.05
AR1254ICC050	AR1254ICC050	10/08/2024	22:09	PP067608.D	9.22	4.05
AR1262ICC500	AR1262ICC500	10/08/2024	22:25	PP067609.D	9.22	4.05
AR1268ICC1000	AR1268ICC1000	10/08/2024	22:42	PP067610.D	9.22	4.05
AR1268ICC750	AR1268ICC750	10/08/2024	22:58	PP067611.D	9.22	4.05
AR1268ICC500	AR1268ICC500	10/08/2024	23:14	PP067612.D	9.22	4.05
AR1268ICC250	AR1268ICC250	10/08/2024	23:30	PP067613.D	9.22	4.05
AR1268ICC050	AR1268ICC050	10/08/2024	23:46	PP067614.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/23/2024	15:57	PP068166.D	9.21	4.05
IBLK	IBLK	10/23/2024	17:01	PP068170.D	9.21	4.05
PB164342BL	PB164342BL	10/23/2024	18:22	PP068175.D	9.21	4.05
PB164342BS	PB164342BS	10/23/2024	18:38	PP068176.D	9.21	4.05
PB164342BSD	PB164342BSD	10/23/2024	18:54	PP068177.D	9.21	4.05
WB-303-SW	P4460-06	10/23/2024	19:26	PP068179.D	9.21	4.05
AR1660CCC500	AR1660CCC500	10/23/2024	20:04	PP068180.D	9.21	4.05
IBLK	IBLK	10/23/2024	21:08	PP068184.D	9.21	4.05

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164287BS

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: PB164287BS Date(s) Analyzed: 10/21/2024 10/21/2024

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 PO107300.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.52	5.47	5.57	156	152	1.31
COLUMN 1	2	5.543	5.493	5.593	156		
	3	5.605	5.555	5.655	143		
	4	5.701	5.651	5.751	154		
	5	5.997	5.947	6.047	153		
COLUMN 2	1	4.726	4.676	4.776	155	154	
	2	4.745	4.695	4.795	168		
	3	4.92	4.87	4.97	158		
	4	4.961	4.911	5.011	137		
	5	5.175	5.125	5.225	150		
Aroclor-1260	1	7.123	7.073	7.173	161	160	1.89
COLUMN 1	2	7.379	7.329	7.429	168		
	3	7.741	7.691	7.791	146		
	4	7.966	7.916	8.016	162		
	5	8.279	8.229	8.329	161		
COLUMN 2	1	6.205	6.155	6.255	163	157	
	2	6.392	6.342	6.442	158		
	3	6.546	6.496	6.596	167		
	4	7.016	6.966	7.066	147		
	5	7.257	7.207	7.307	152		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SU-4-101824MS

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: P4455-01MS Date(s) Analyzed: 10/21/2024 10/21/2024

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 PO107305.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.52	5.47	5.57	174	157	0.63
COLUMN 1	2	5.543	5.493	5.593	155		
	3	5.605	5.555	5.655	147		
	4	5.701	5.651	5.751	169		
	5	5.996	5.946	6.046	142		
	1	4.725	4.675	4.775	163		
COLUMN 2	2	4.744	4.694	4.794	159	158	
	3	4.92	4.87	4.97	167		
	4	4.963	4.913	5.013	157		
	5	5.175	5.125	5.225	146		
Aroclor-1260	1	7.124	7.074	7.174	161	154	2.56
COLUMN 1	2	7.379	7.329	7.429	139		
	3	7.741	7.691	7.791	141		
	4	7.966	7.916	8.016	170		
	5	8.279	8.229	8.329	160		
	1	6.206	6.156	6.256	160	158	
COLUMN 2	2	6.393	6.343	6.443	162		
	3	6.547	6.497	6.597	166		
	4	7.017	6.967	7.067	147		
	5	7.258	7.208	7.308	154		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SU-4-101824MSD

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: P4455-01MSD Date(s) Analyzed: 10/21/2024 10/21/2024

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 PO107306.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.519	5.469	5.569	165	154	10.46
COLUMN 1	2	5.541	5.491	5.591	155		
	3	5.605	5.555	5.655	142		
	4	5.701	5.651	5.751	165		
	5	5.995	5.945	6.045	146		
	1	4.725	4.675	4.775	169		
COLUMN 2	2	4.744	4.694	4.794	176	171	
	3	4.92	4.87	4.97	185		
	4	4.961	4.911	5.011	186		
	5	5.174	5.124	5.224	139		
Aroclor-1260	1	7.122	7.072	7.172	164	149	7.12
COLUMN 1	2	7.379	7.329	7.429	133		
	3	7.741	7.691	7.791	133		
	4	7.965	7.915	8.015	156		
	5	8.278	8.228	8.328	158		
	1	6.206	6.156	6.256	168		
COLUMN 2	2	6.393	6.343	6.443	178	160	
	3	6.546	6.496	6.596	168		
	4	7.017	6.967	7.067	142		
	5	7.257	7.207	7.307	144		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164342BS

Contract: PORT06

Lab Code: CHEM

Case No.: P4460

SAS No.: P4460

SDG NO.: P4460

Lab Sample ID: PB164342BS

Date(s) Analyzed: 10/23/2024

10/23/2024

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP068176.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.922	5.872	5.972	4.88	4.40	9.52
COLUMN 1	2	5.943	5.893	5.993	4.32		
	3	6.006	5.956	6.056	4.38		
	4	6.105	6.055	6.155	4.36		
	5	6.399	6.349	6.449	4.10		
	1	5.157	5.107	5.207	4.01		
COLUMN 2	2	5.177	5.127	5.227	4.05	4.00	
	3	5.357	5.307	5.407	4.04		
	4	5.397	5.347	5.447	3.93		
	5	5.616	5.566	5.666	3.88		
Aroclor-1260	1	7.523	7.473	7.573	4.09	3.80	2.6
COLUMN 1	2	7.776	7.726	7.826	4.09		
	3	8.137	8.087	8.187	3.55		
	4	8.376	8.326	8.426	3.70		
	5	8.713	8.663	8.763	3.71		
	1	6.659	6.609	6.709	4.07		
COLUMN 2	2	6.846	6.796	6.896	4.06	3.90	
	3	7.004	6.954	7.054	4.09		
	4	7.478	7.428	7.528	3.62		
	5	7.716	7.666	7.766	3.62		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164342BSD

Contract: PORT06

Lab Code: CHEM Case No.: P4460 SAS No.: P4460 SDG NO.: P4460

Lab Sample ID: PB164342BSD Date(s) Analyzed: 10/23/2024 10/23/2024

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP068177.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1016	1	5.921	5.871	5.971	4.41	4.30	4.76	
	2	5.943	5.893	5.993	4.50			
	3	6.007	5.957	6.057	4.33			
	4	6.105	6.055	6.155	4.22			
	5	6.399	6.349	6.449	4.04			
COLUMN 1								
	1	5.157	5.107	5.207	4.11	4.10		
	2	5.177	5.127	5.227	4.15			
	3	5.358	5.308	5.408	4.13			
	4	5.397	5.347	5.447	4.03			
5	5.616	5.566	5.666	4.00				
COLUMN 2								
	1	7.523	7.473	7.573	4.25	3.90	2.53	
	2	7.776	7.726	7.826	4.22			
	3	8.138	8.088	8.188	3.67			
	4	8.375	8.325	8.425	3.82			
5	8.714	8.664	8.764	3.79				
Aroclor-1260								
	1	6.66	6.61	6.71	4.18	4.00		
	2	6.847	6.797	6.897	4.24			
	3	7.004	6.954	7.054	4.24			
	4	7.479	7.429	7.529	3.78			
5	7.718	7.668	7.768	3.79				
COLUMN 1								
COLUMN 2								



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 20:22
 Operator : YP/AJ
 Sample : P4460-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WB-303-TOP

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:19:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	106.8E6	54584324	11.715m	16.960m#
2) SA Decachlor...	10.055	8.636	25512119	30987168	10.399	11.303

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 20:22
Operator : YP/AJ
Sample : P4460-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WB-303-TOP

Manual Integrations

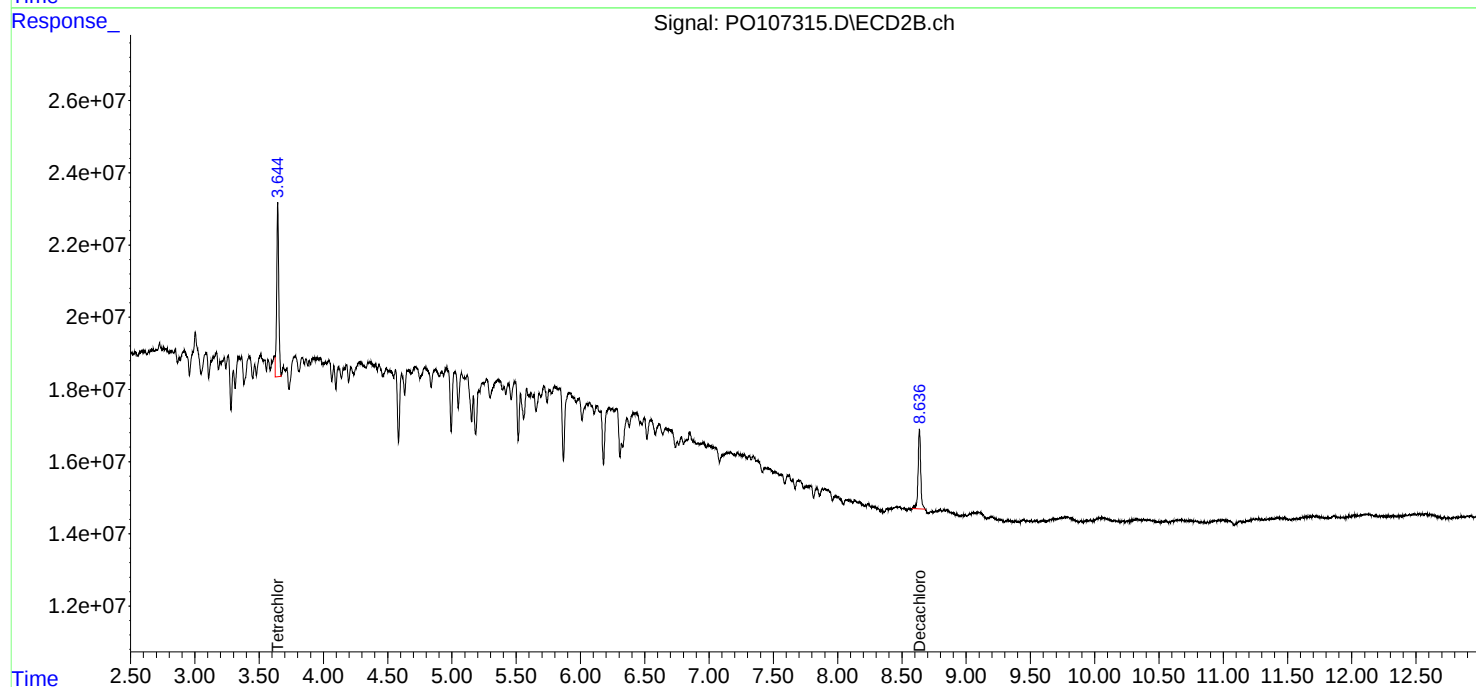
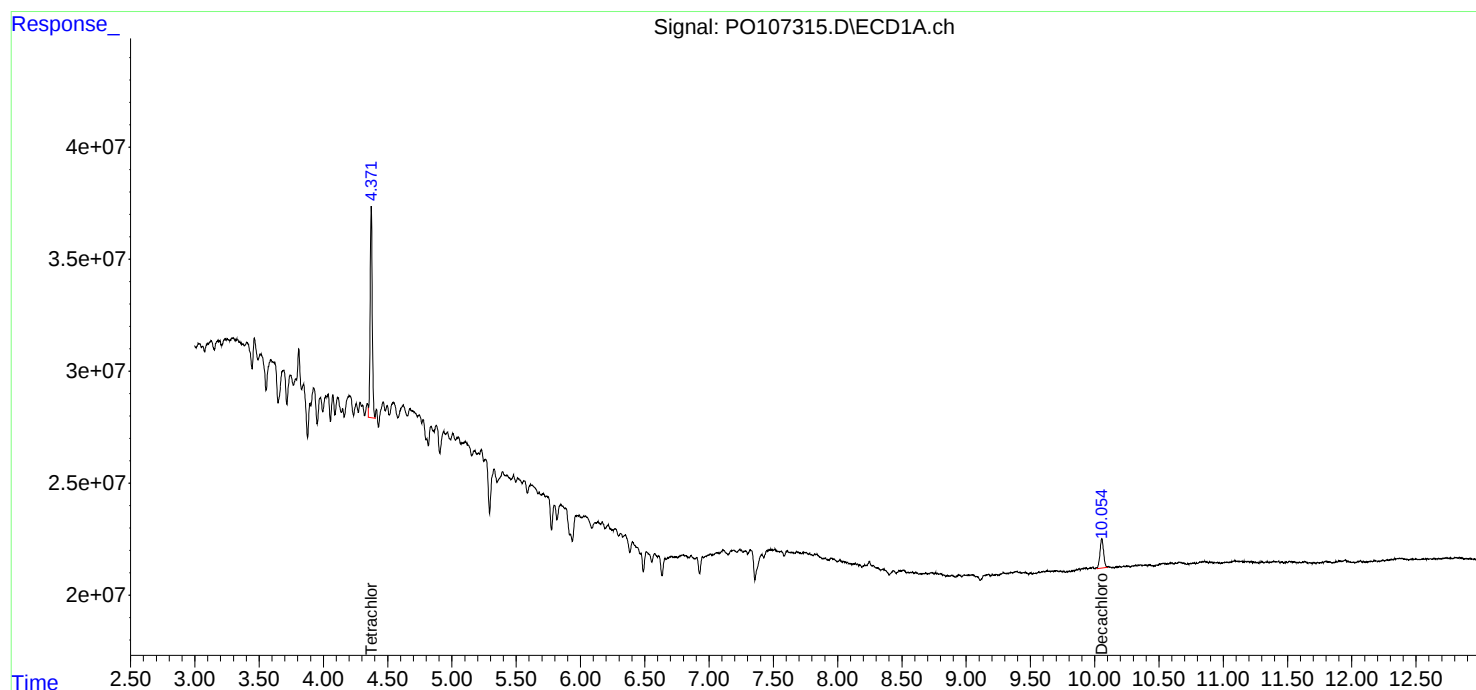
APPROVED

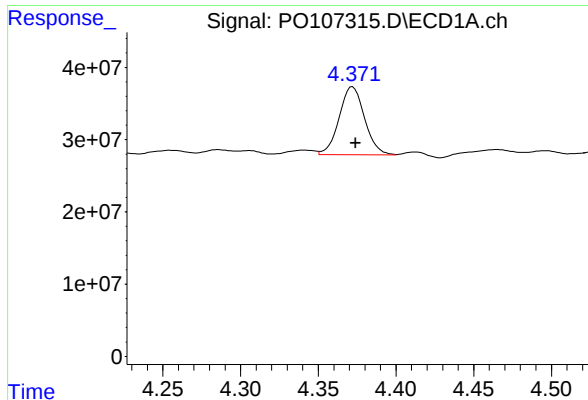
Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:19:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 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





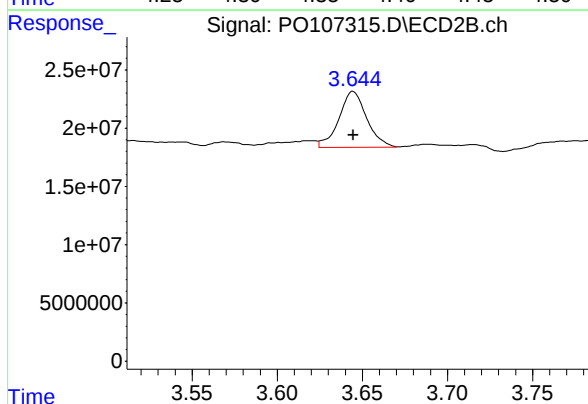
#1 Tetrachloro-m-xylene

R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 106772915
Conc: 11.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-303-TOP

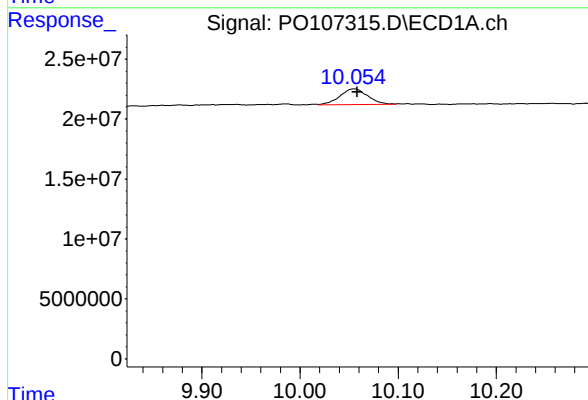
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



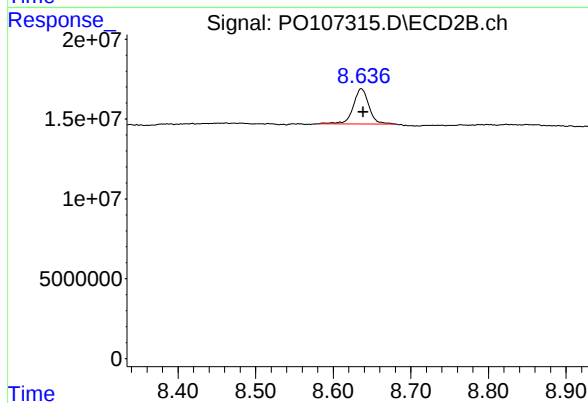
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 54584324
Conc: 16.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.003 min
Response: 25512119
Conc: 10.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.636 min
Delta R.T.: -0.003 min
Response: 30987168
Conc: 11.30 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 20:40
 Operator : YP/AJ
 Sample : P4460-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-303-BOT

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:20:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	149.5E6	57839912	16.402	17.971
2) SA Decachlor...	10.055	8.636	36482689	36272631	14.870	13.230

Target Compounds

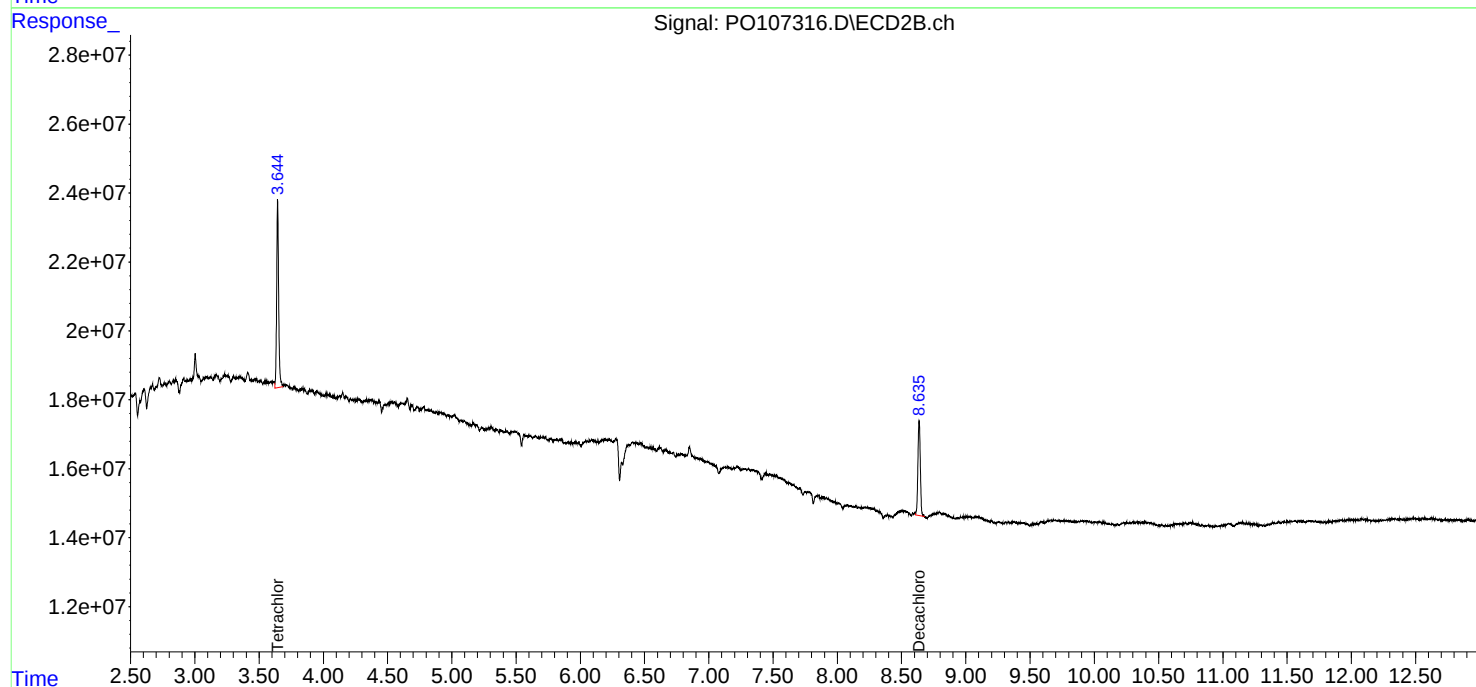
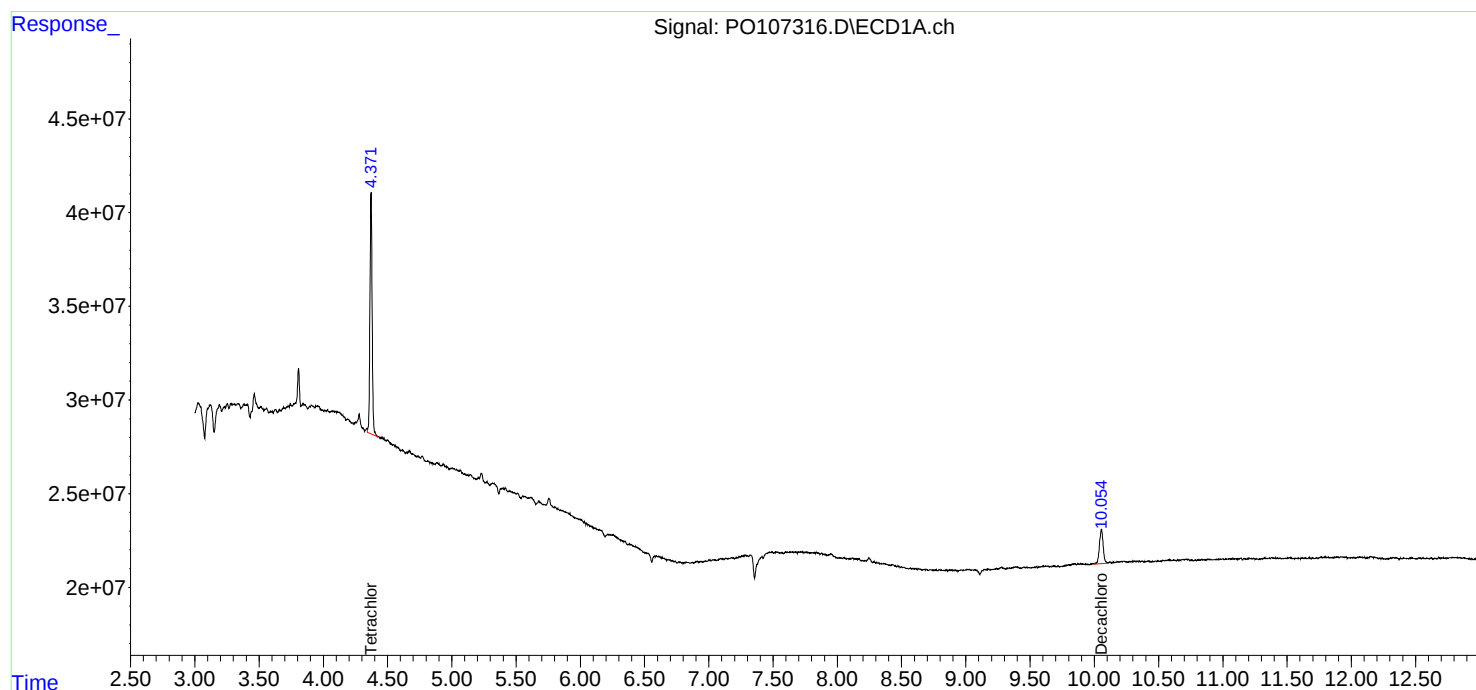
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

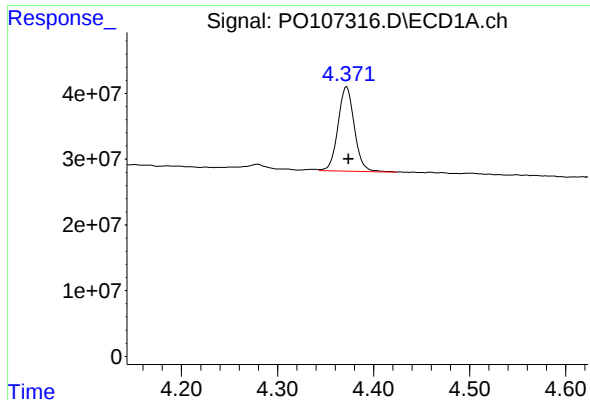
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 20:40
Operator : YP/AJ
Sample : P4460-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-303-BOT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:20:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 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

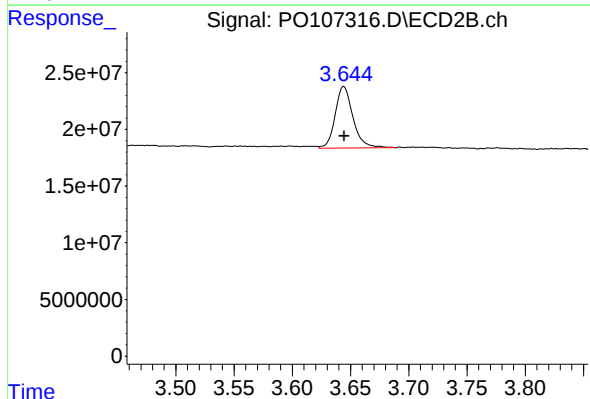




#1 Tetrachloro-m-xylene

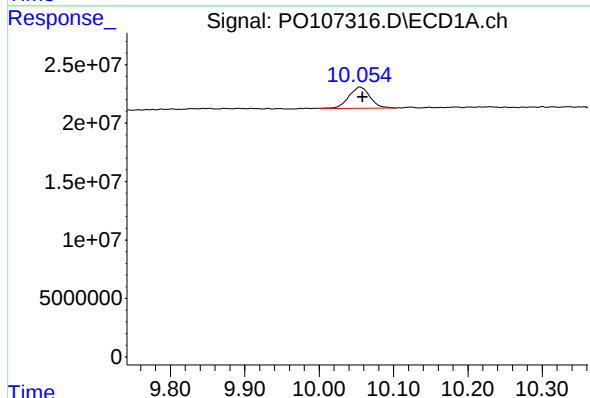
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 149483786
Conc: 16.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-303-BOT



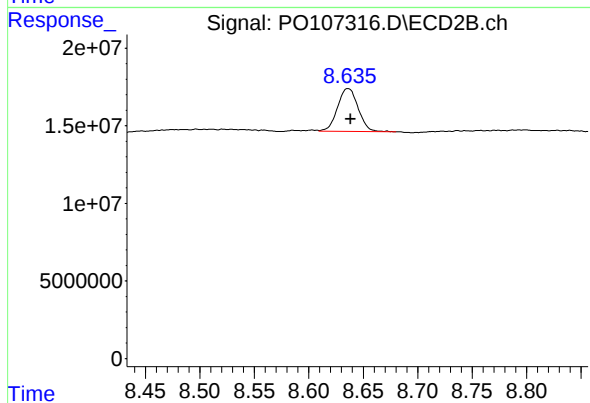
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 57839912
Conc: 17.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.003 min
Response: 36482689
Conc: 14.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.636 min
Delta R.T.: -0.003 min
Response: 36272631
Conc: 13.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
 Data File : PP068179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 19:26
 Operator : YP\AJ
 Sample : P4460-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-303-SW

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 21:51:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 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...	4.758	4.051	17102574	18034597	18.476	17.849
2) SA Decachlor...	10.673	9.212	23866345	22331996	20.730	19.913

Target Compounds

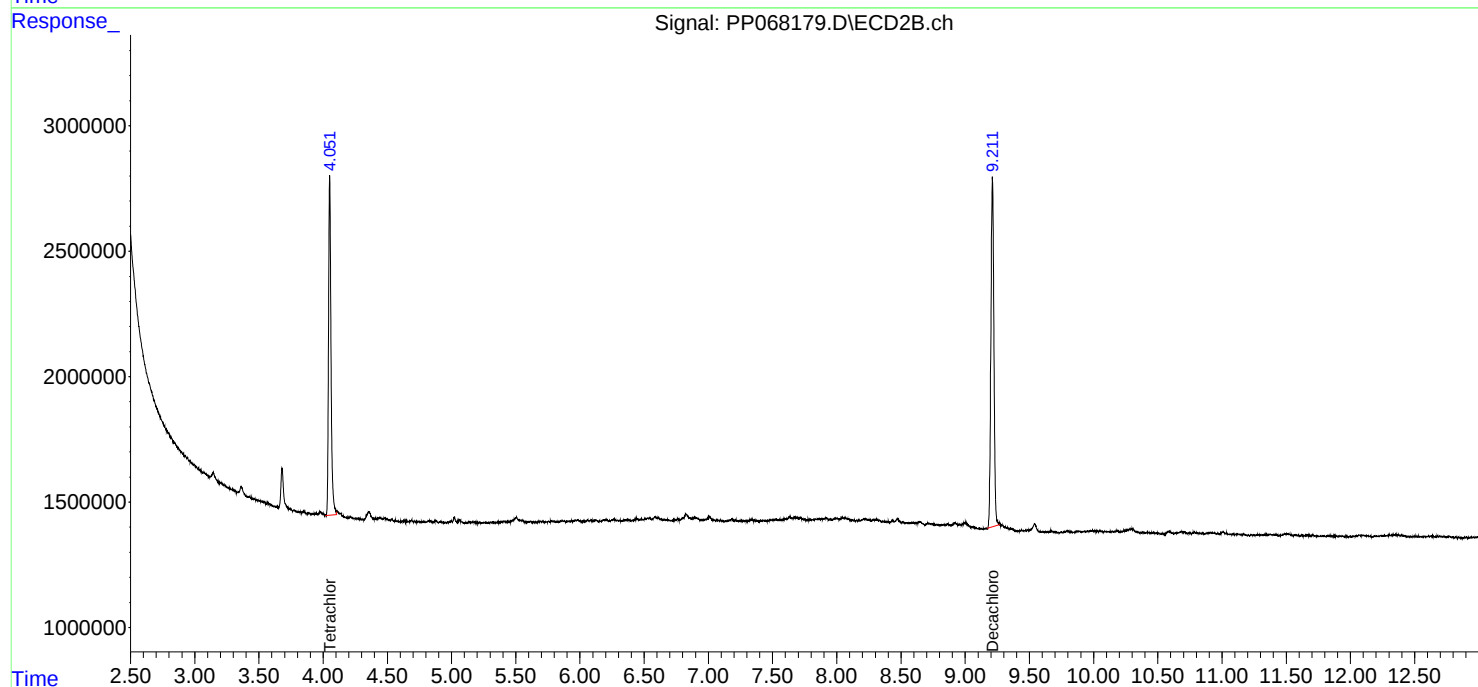
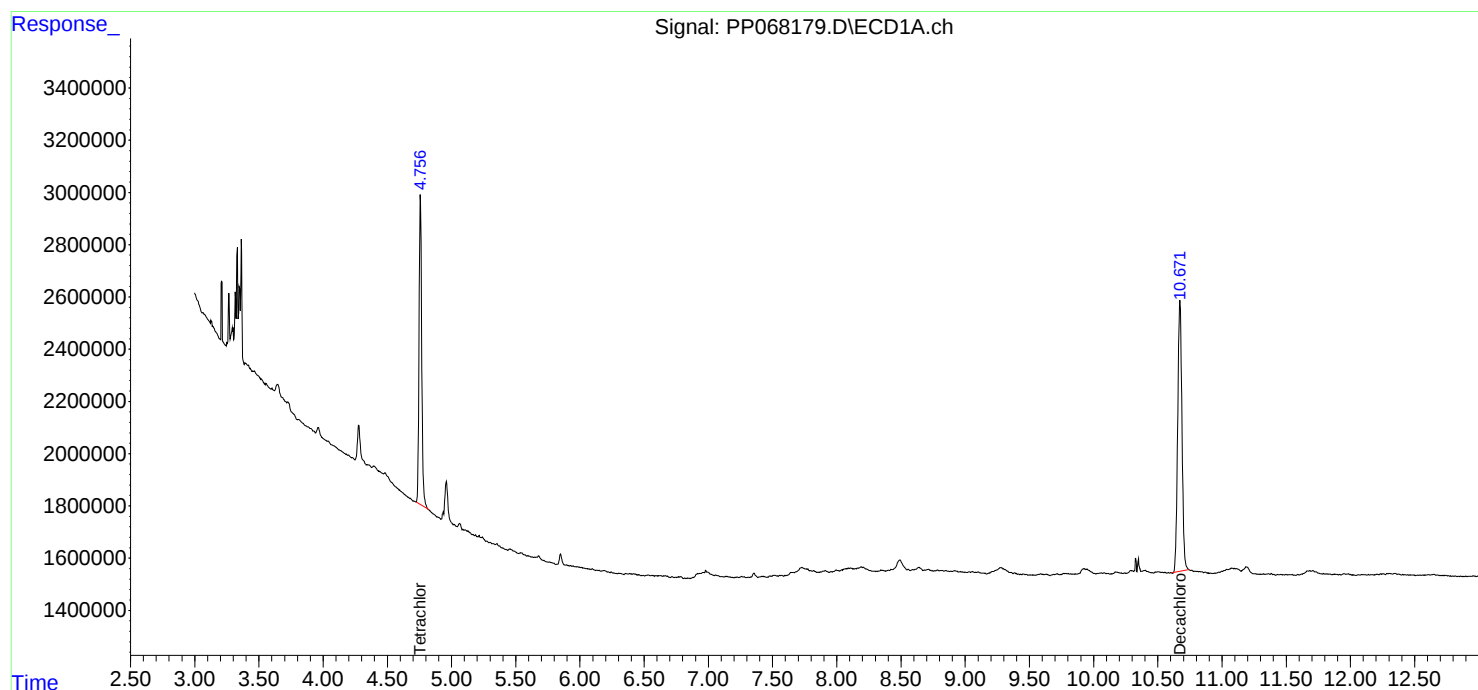
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

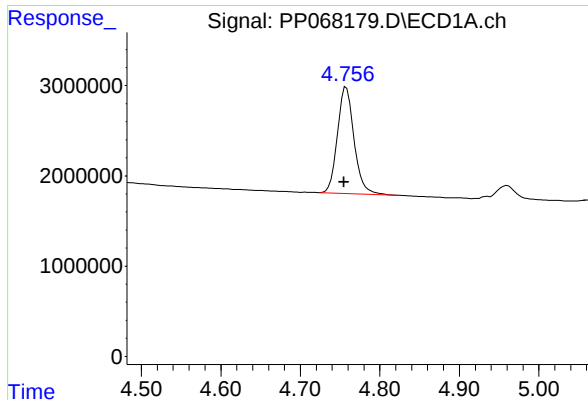
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
Data File : PP068179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 19:26
Operator : YP\AJ
Sample : P4460-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WB-303-SW

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 21:51:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 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

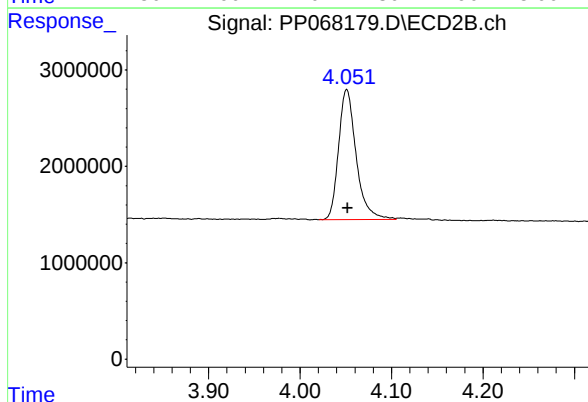




#1 Tetrachloro-m-xylene

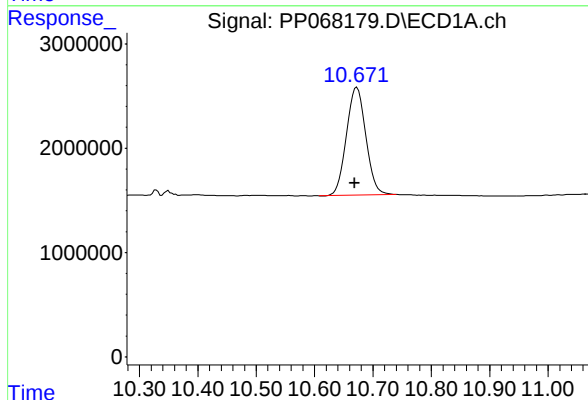
R.T.: 4.758 min
Delta R.T.: 0.003 min
Response: 17102574
Conc: 18.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-303-SW



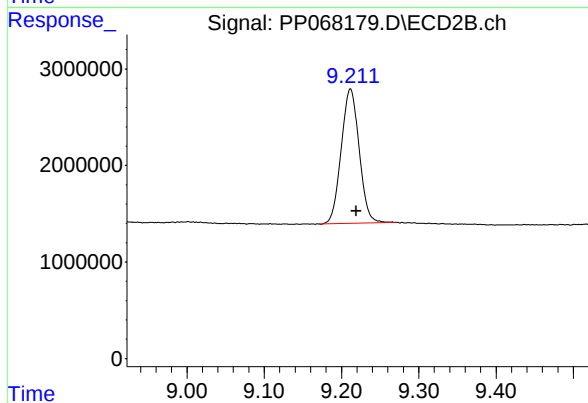
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 18034597
Conc: 17.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 23866345
Conc: 20.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.212 min
Delta R.T.: -0.007 min
Response: 22331996
Conc: 19.91 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 14:49
 Operator : YP/AJ
 Sample : PB164287BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB164287BL

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:08:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	194.6E6	68887507	21.348	21.404
2) SA Decachlor...	10.056	8.637	53191470	60107238	21.681	21.924

Target Compounds

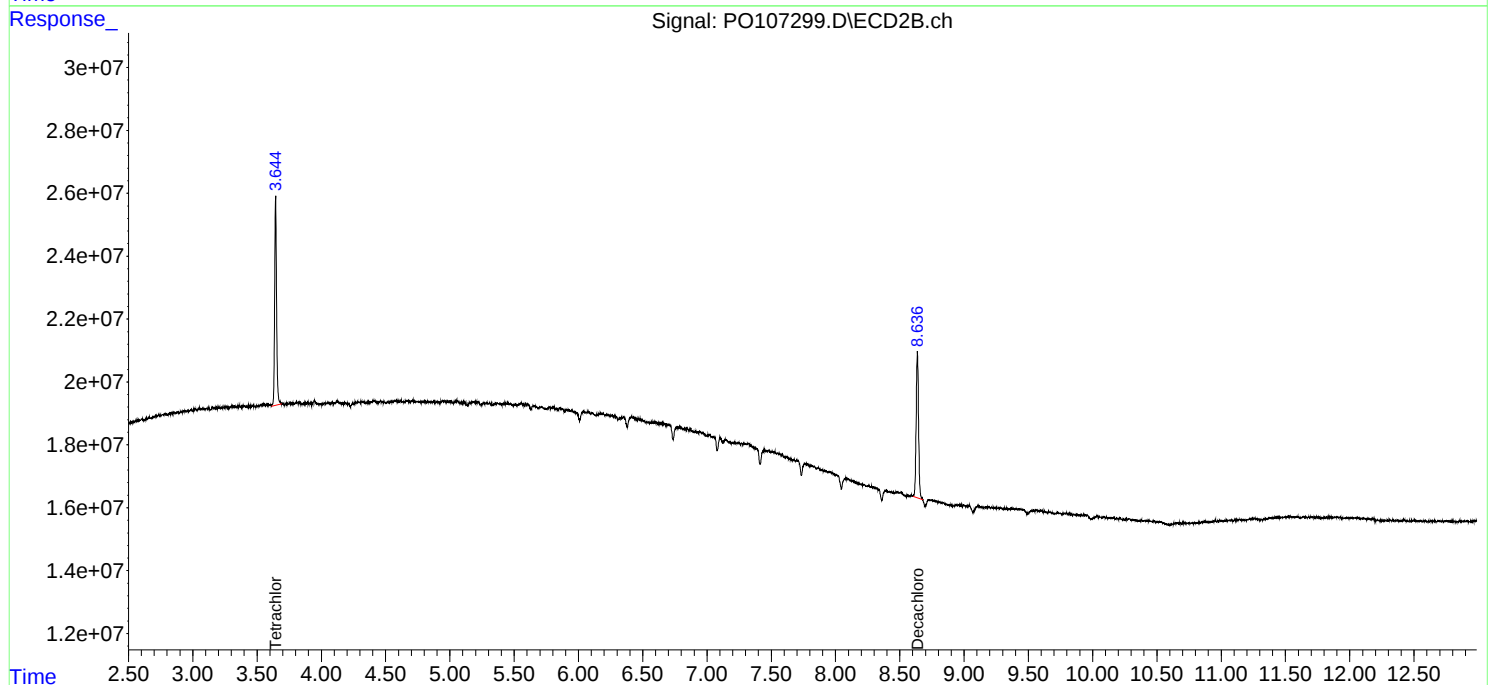
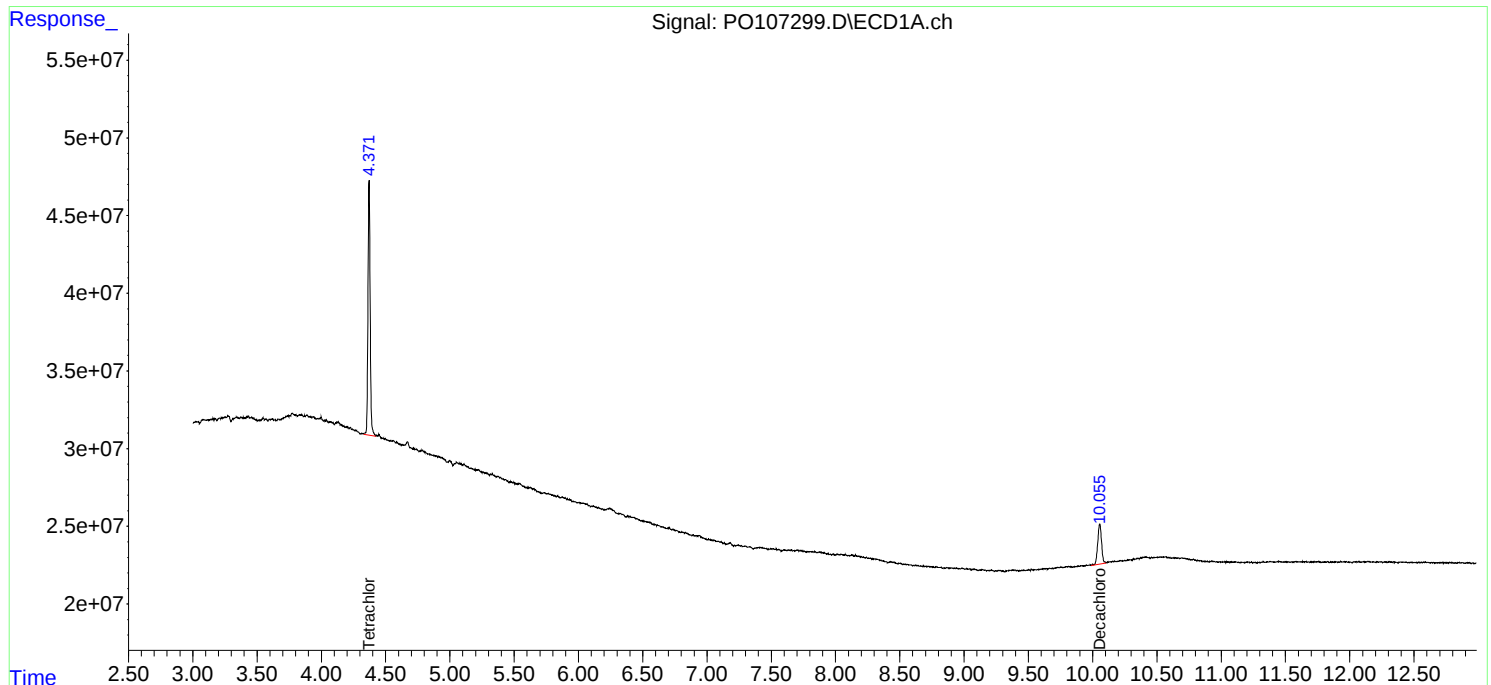
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

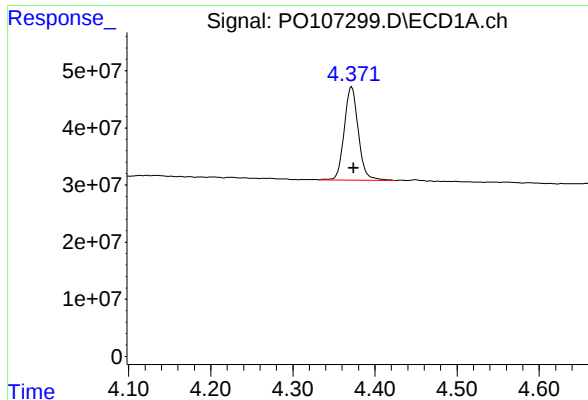
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 14:49
Operator : YP/AJ
Sample : PB164287BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164287BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:08:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 2024
Response via : Initial Calibration
Integrator: ChemStation

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

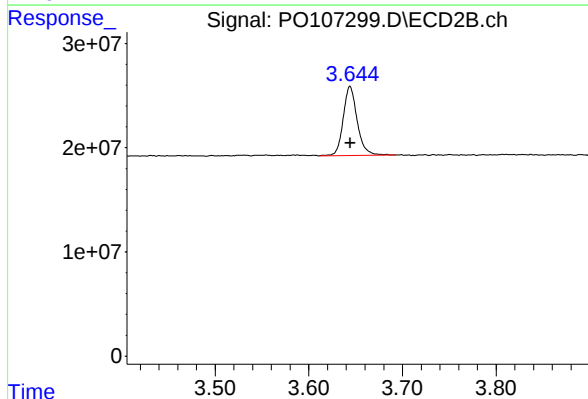




#1 Tetrachloro-m-xylene

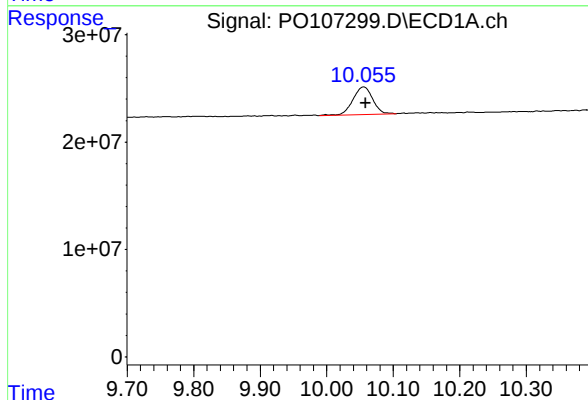
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 194563659
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164287BL



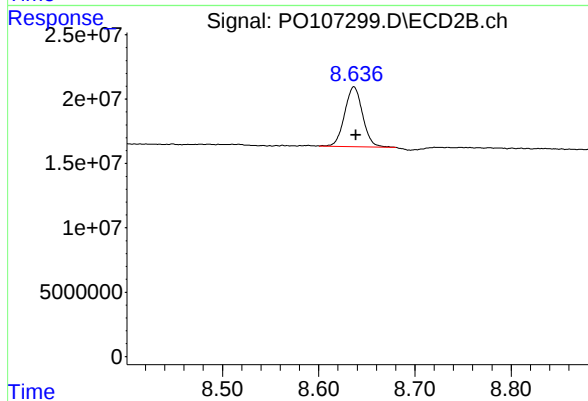
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 68887507
Conc: 21.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.003 min
Response: 53191470
Conc: 21.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.002 min
Response: 60107238
Conc: 21.92 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
 Data File : PP068175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 18:22
 Operator : YP\AJ
 Sample : PB164342BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164342BL

A
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K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 21:49:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 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...	4.754	4.050	18648225	19193272	20.146	18.996
2) SA Decachlor...	10.669	9.210	24885304	23615403	21.615	21.058

Target Compounds

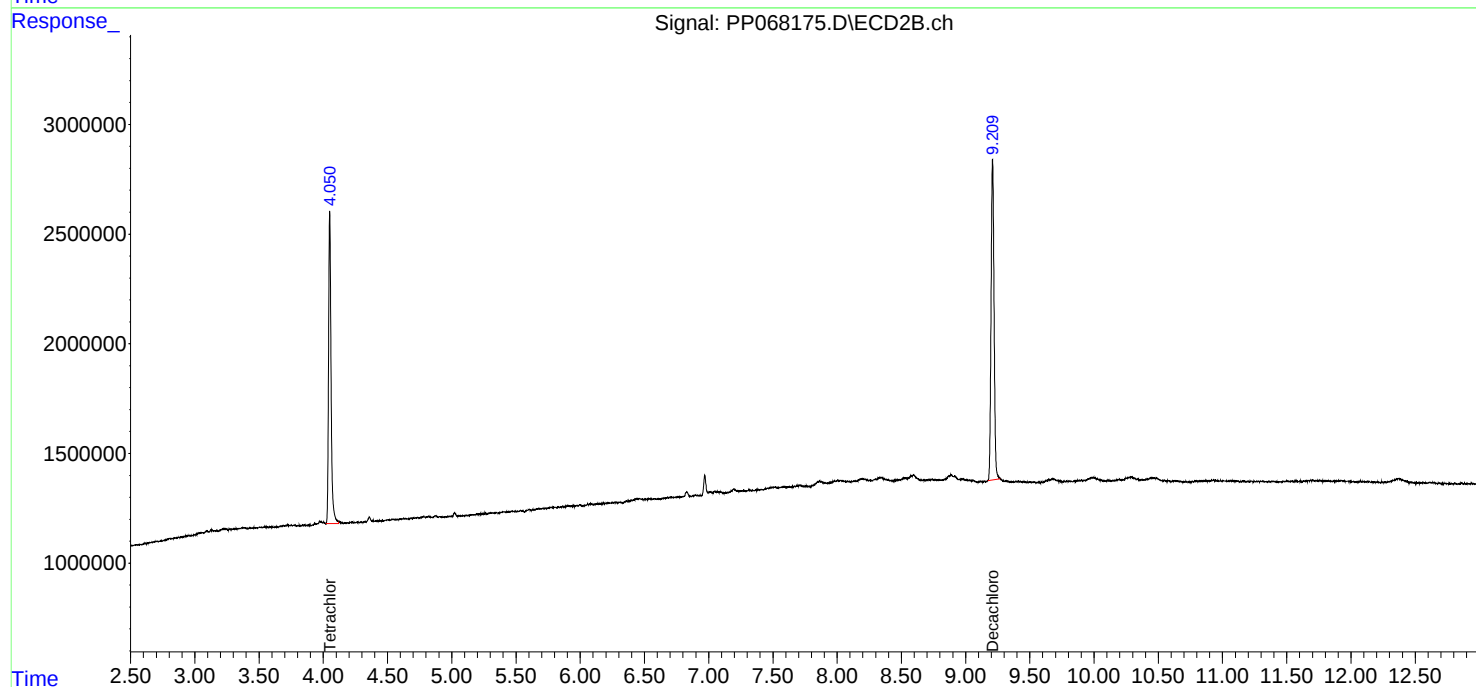
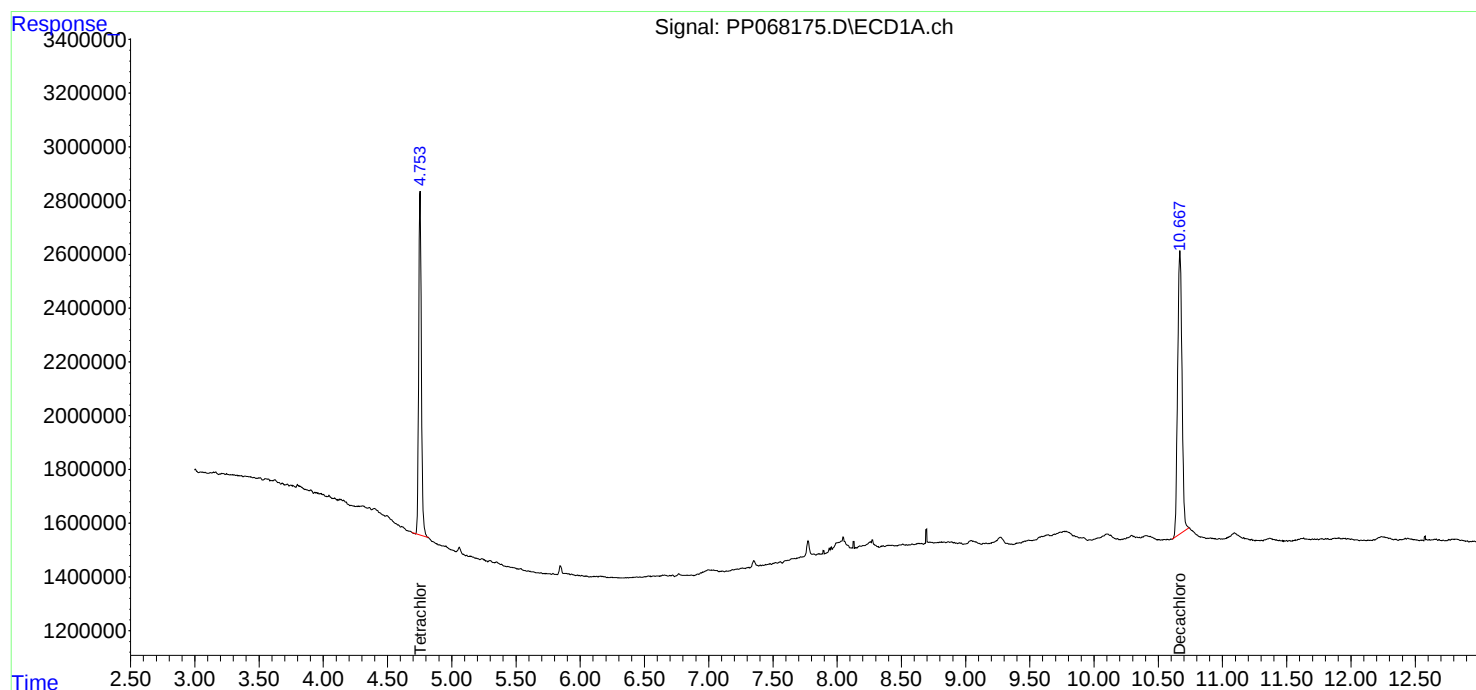
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

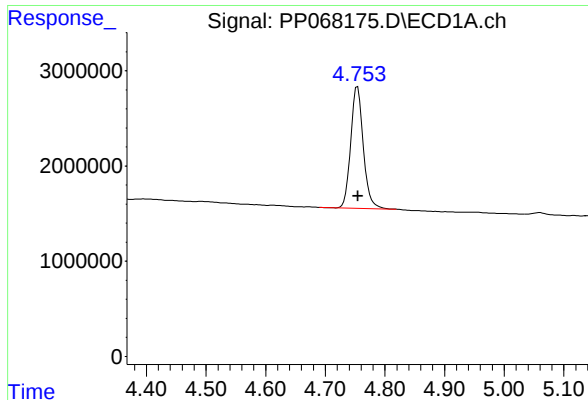
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
Data File : PP068175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 18:22
Operator : YP\AJ
Sample : PB164342BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164342BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 21:49:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 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

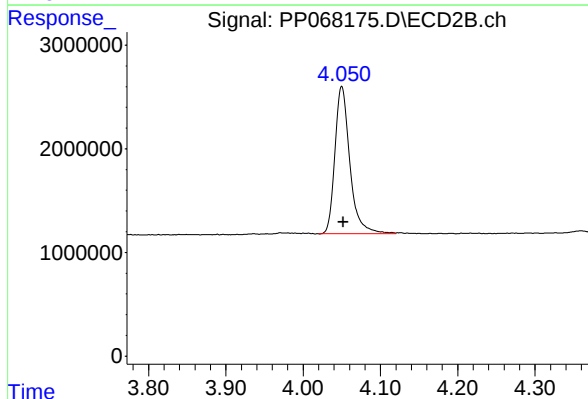




#1 Tetrachloro-m-xylene

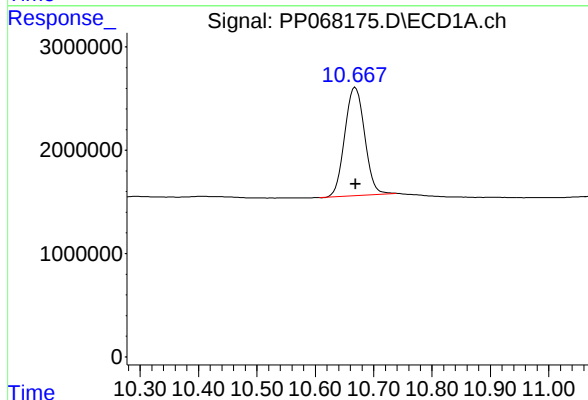
R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 18648225
Conc: 20.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB164342BL



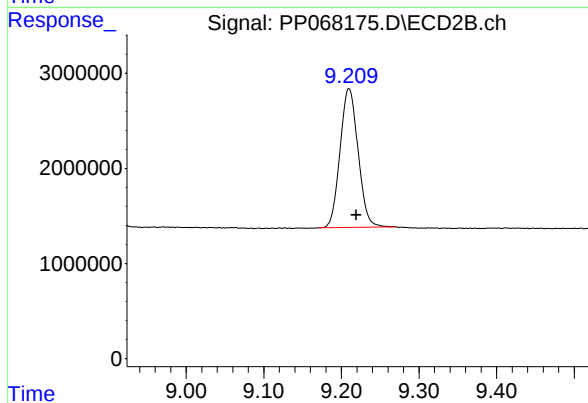
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 19193272
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 24885304
Conc: 21.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.210 min
Delta R.T.: -0.009 min
Response: 23615403
Conc: 21.06 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 15:07
 Operator : YP/AJ
 Sample : PB164287BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB164287BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:09:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	198.3E6	68569346	21.763	21.305
2) SA Decachlor...	10.056	8.637	52695274	62686860	21.479	22.865
Target Compounds						
3) L1 AR-1016-1	5.520	4.726	126.2E6	47975748	467.897m	464.586
4) L1 AR-1016-2	5.543	4.745	185.8E6	71126209	468.100m	504.557
5) L1 AR-1016-3	5.605	4.920	108.0E6	37324349	430.083m	473.986
6) L1 AR-1016-4	5.701	4.961	89309342	27261827	463.675m	412.381
7) L1 AR-1016-5	5.997	5.175	83877781	37012962	459.218	450.642
31) L7 AR-1260-1	7.123	6.205	125.2E6	75778633	483.984	488.407m
32) L7 AR-1260-2	7.379	6.392	133.0E6	83669164	505.256	475.081m
33) L7 AR-1260-3	7.741	6.546	78718828	84303428	437.947	502.560m
34) L7 AR-1260-4	7.966	7.016	85631044	63789339	487.915	440.897m
35) L7 AR-1260-5	8.279	7.257	137.4E6	150.7E6	483.240	457.409m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 15:07
Operator : YP/AJ
Sample : PB164287BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB164287BS

Manual Integrations

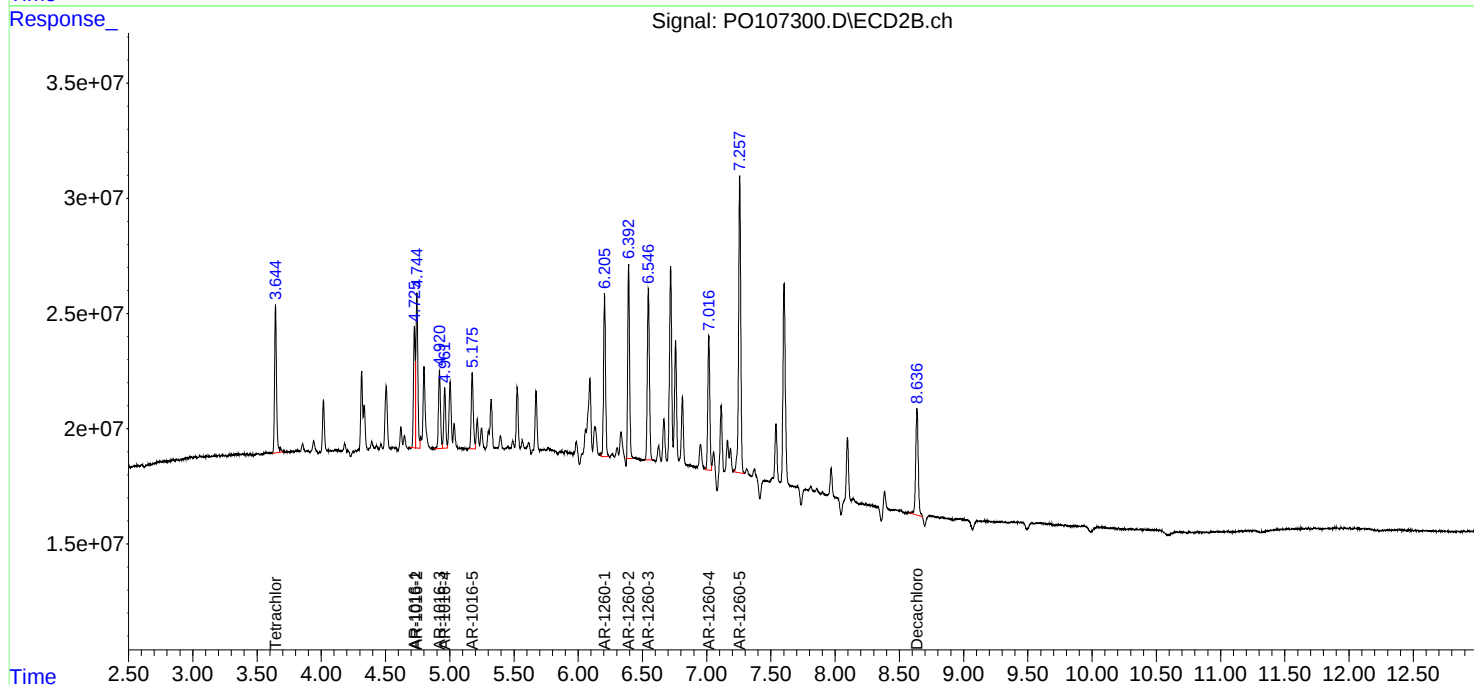
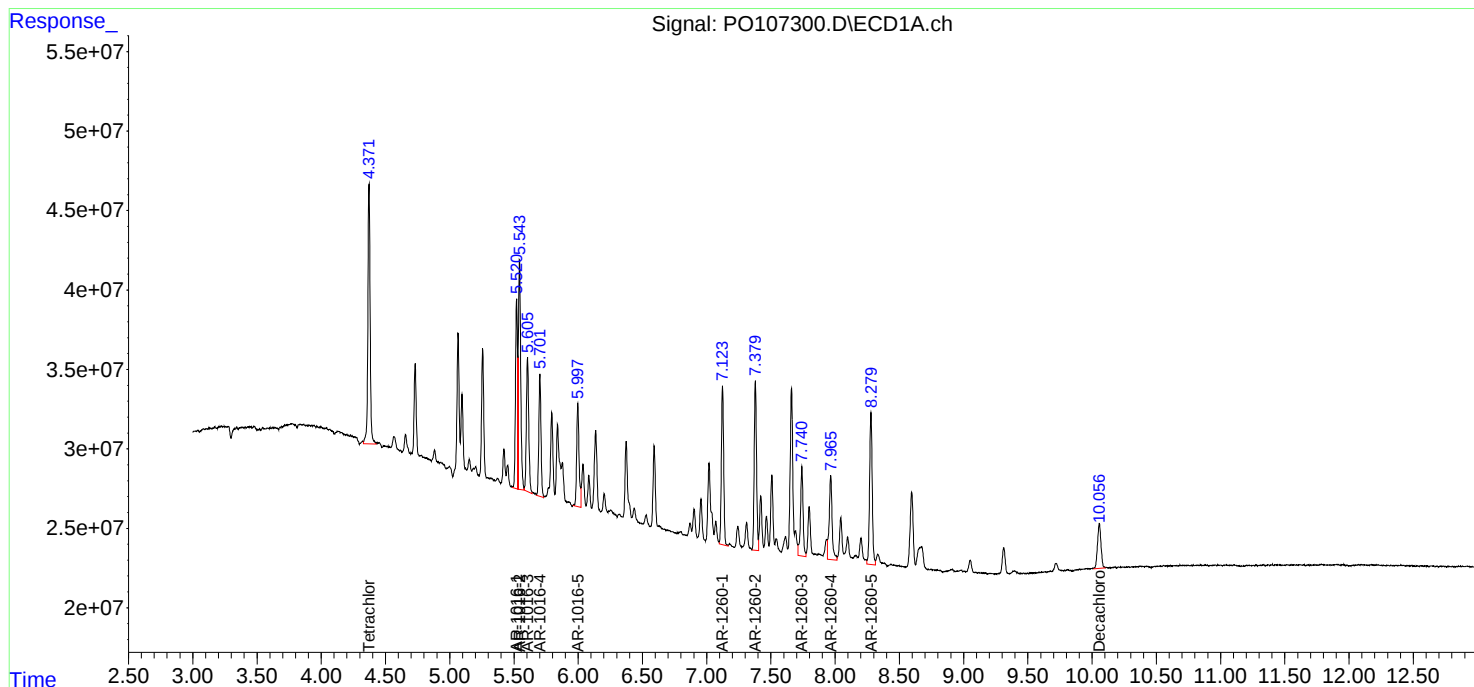
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:09:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
 Data File : PP068176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 18:38
 Operator : YP\AJ
 Sample : PB164342BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164342BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 21:50:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 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...	4.756	4.049	19224984	18166459	20.769	17.979m
2) SA Decachlor...	10.670	9.210	24656815	23407491	21.416	20.872
Target Compounds						
3) L1 AR-1016-1	5.922	5.157	16123319	14045250	487.600	401.439
4) L1 AR-1016-2	5.943	5.177	21046992	19490974	431.549	404.641
5) L1 AR-1016-3	6.006	5.357	13809102	10885330	438.218	404.096
6) L1 AR-1016-4	6.105	5.397	11220584	9463645	435.858	392.925
7) L1 AR-1016-5	6.399	5.616	11091565	11804780	409.783	388.189
31) L7 AR-1260-1	7.523	6.659	22118709	23156819	409.426	406.531
32) L7 AR-1260-2	7.776	6.846	25853285	27111757	408.613	406.446
33) L7 AR-1260-3	8.137	7.004	18390752	26078363	354.699	409.386
34) L7 AR-1260-4	8.376	7.478	22268749	20036793	369.947	362.377
35) L7 AR-1260-5	8.713	7.716	39982679	44237539	371.200	361.718

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
Data File : PP068176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 18:38
Operator : YP\AJ
Sample : PB164342BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164342BS

Manual Integrations

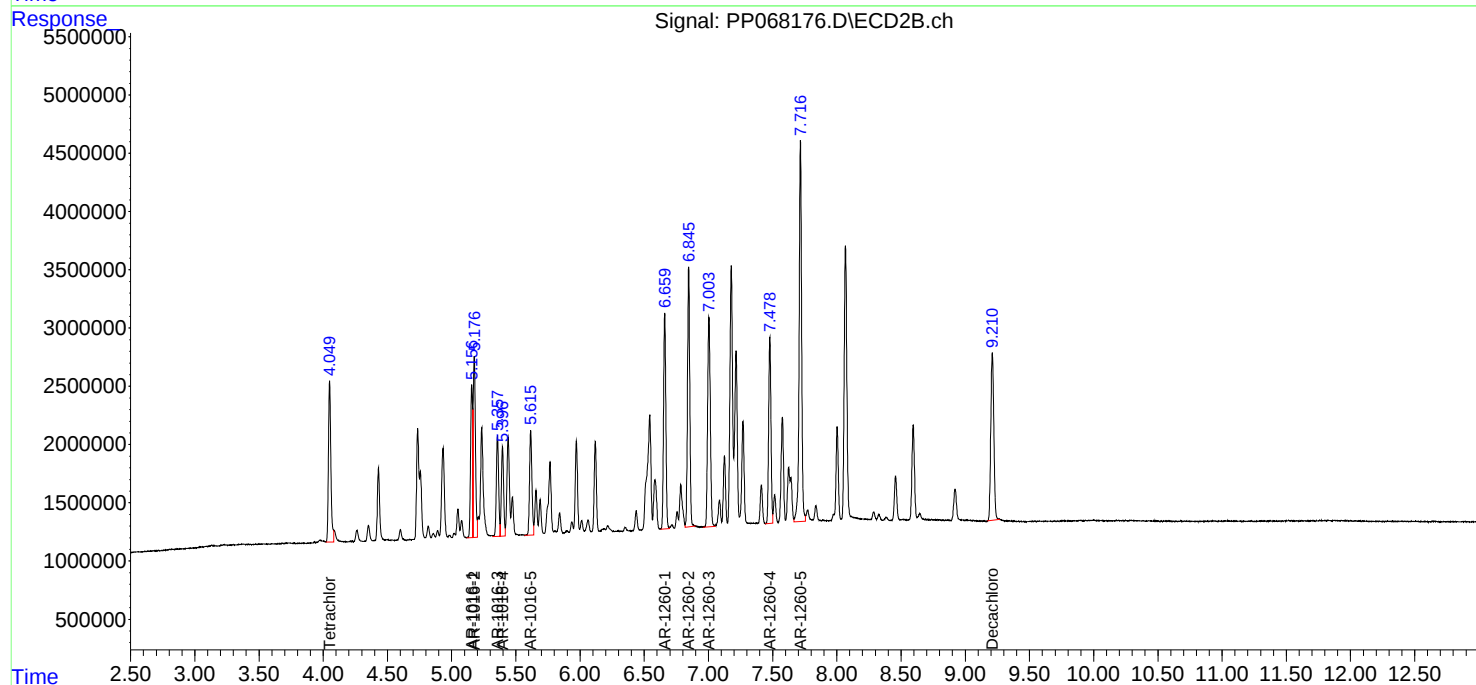
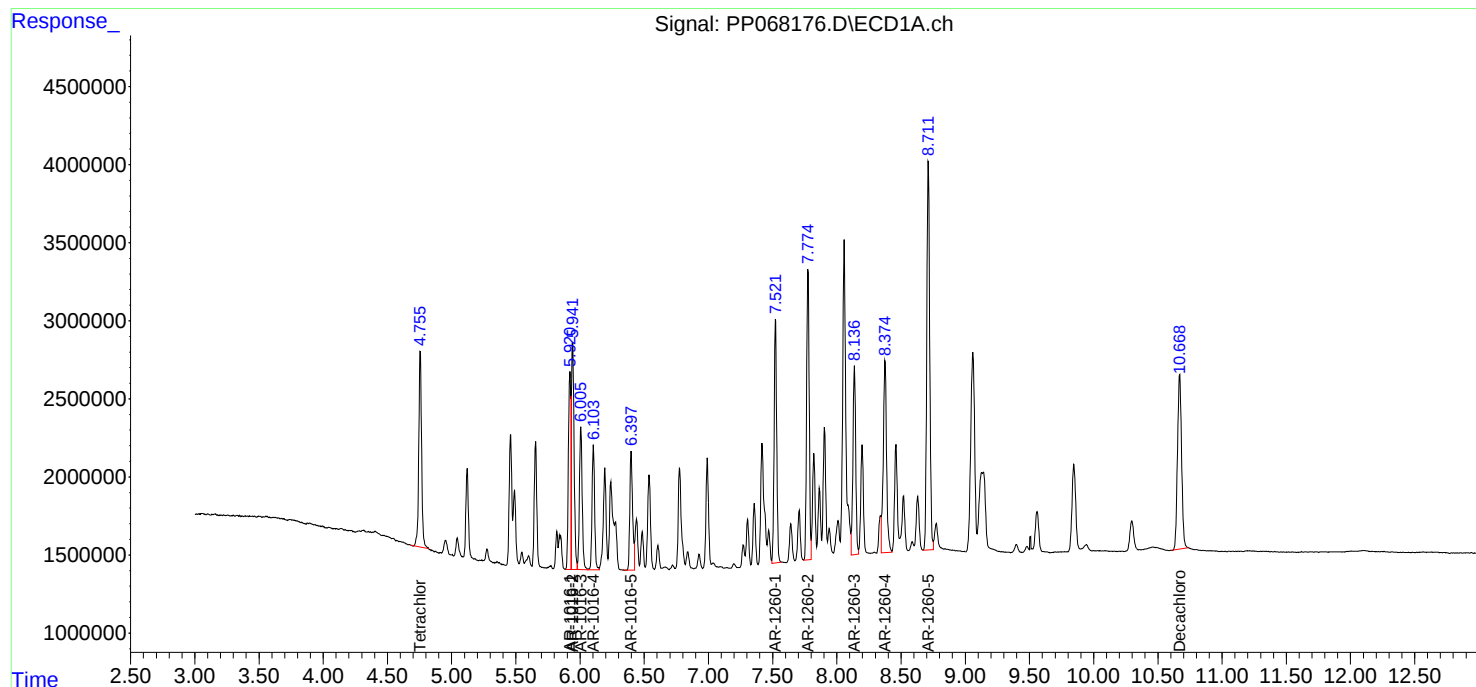
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 21:50:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
 Data File : PP068177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2024 18:54
 Operator : YP\AJ
 Sample : PB164342BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164342BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 21:50:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 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...	4.756	4.050	19056672	18598107	20.588	18.407m
2) SA Decachlor...	10.670	9.211	25597897	24253796	22.234	21.627
Target Compounds						
3) L1 AR-1016-1	5.921	5.157	14585226	14388461	441.085	411.249
4) L1 AR-1016-2	5.943	5.177	21930915	19989589	449.673	414.993
5) L1 AR-1016-3	6.007	5.358	13658230	11117767	433.430	412.725
6) L1 AR-1016-4	6.105	5.397	10869480	9713763	422.220	403.310
7) L1 AR-1016-5	6.399	5.616	10946926	12148918	404.440	399.506
31) L7 AR-1260-1	7.523	6.660	22954476	23791200	424.896	417.668
32) L7 AR-1260-2	7.776	6.847	26677996	28291770	421.648	424.137
33) L7 AR-1260-3	8.138	7.004	19043367	26992363	367.286	423.734
34) L7 AR-1260-4	8.375	7.479	23018912	20898728	382.409	377.965
35) L7 AR-1260-5	8.714	7.718	40778133	46376346	378.585	379.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102324\
Data File : PP068177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2024 18:54
Operator : YP\AJ
Sample : PB164342BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164342BSD

Manual Integrations

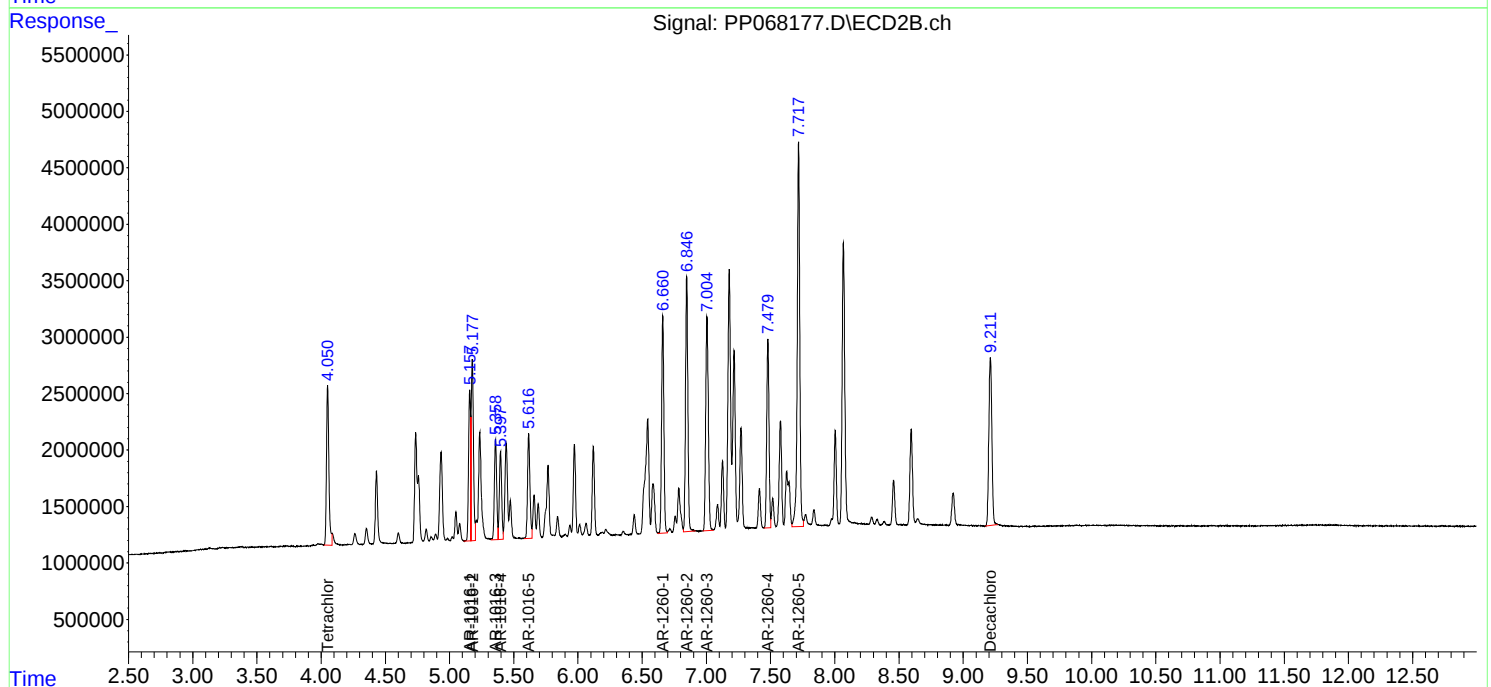
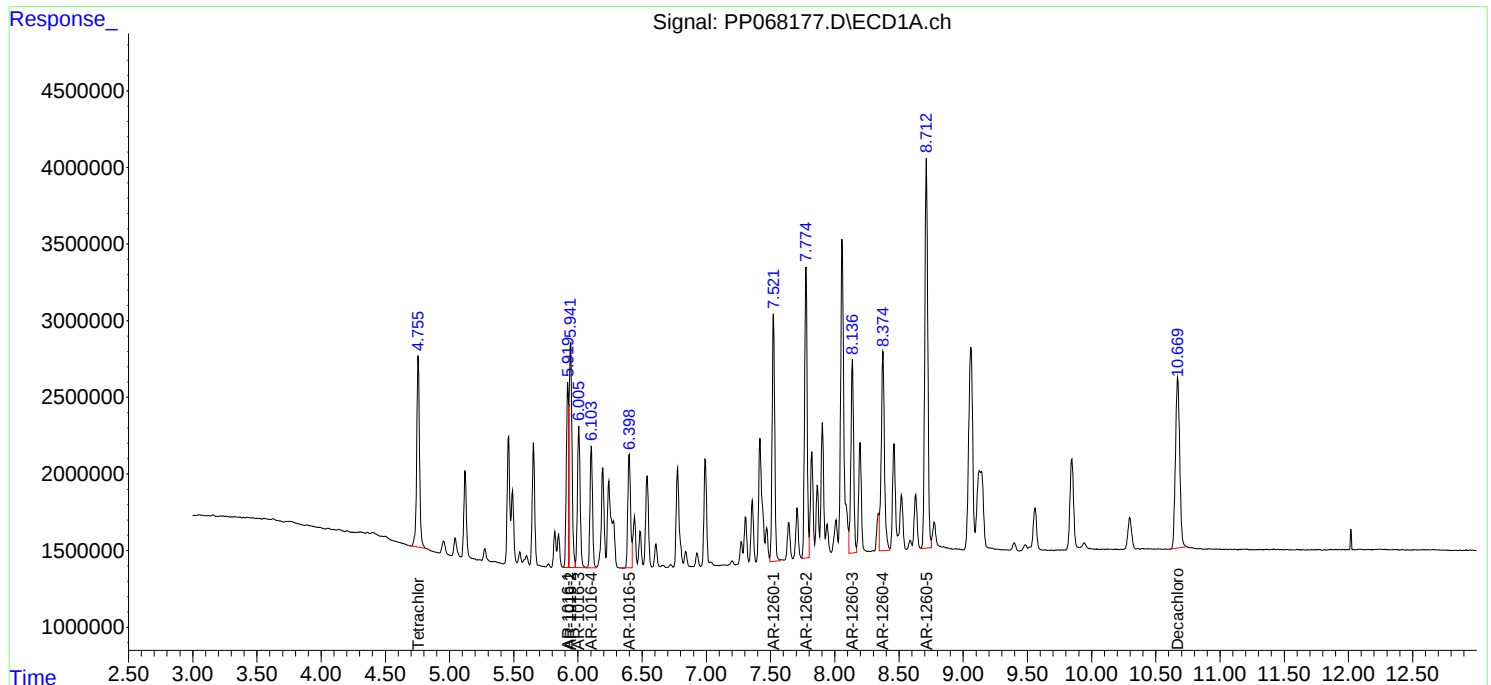
APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 21:50:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 16:38
 Operator : YP/AJ
 Sample : P4455-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

SU-4-101824MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:13:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	146.8E6	74586625	16.111	23.174 #
2) SA Decachlor...	10.056	8.637	40013836	39137108	16.310	14.275
Target Compounds						
3) L1 AR-1016-1	5.520	4.725	128.1E6	46016720	474.843m	445.615m
4) L1 AR-1016-2	5.543	4.744	168.0E6	61219935	423.312m	434.283m
5) L1 AR-1016-3	5.605	4.920	101.3E6	35875908	403.298m	455.592m
6) L1 AR-1016-4	5.701	4.963	88774592	28316118	460.899m	428.329m
7) L1 AR-1016-5	5.996	5.175	71099888	32712522	389.261m	398.283
31) L7 AR-1260-1	7.124	6.206	113.8E6	68034580	440.074m	438.495m
32) L7 AR-1260-2	7.379	6.393	100.3E6	77845041	381.093m	442.011m
33) L7 AR-1260-3	7.741	6.547	69316218	75918777	385.636m	452.576m
34) L7 AR-1260-4	7.966	7.017	81559498	58163526	464.716m	402.013
35) L7 AR-1260-5	8.279	7.258	124.4E6	138.9E6	437.295m	421.723

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 16:38
Operator : YP/AJ
Sample : P4455-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

SU-4-101824MS

Manual Integrations

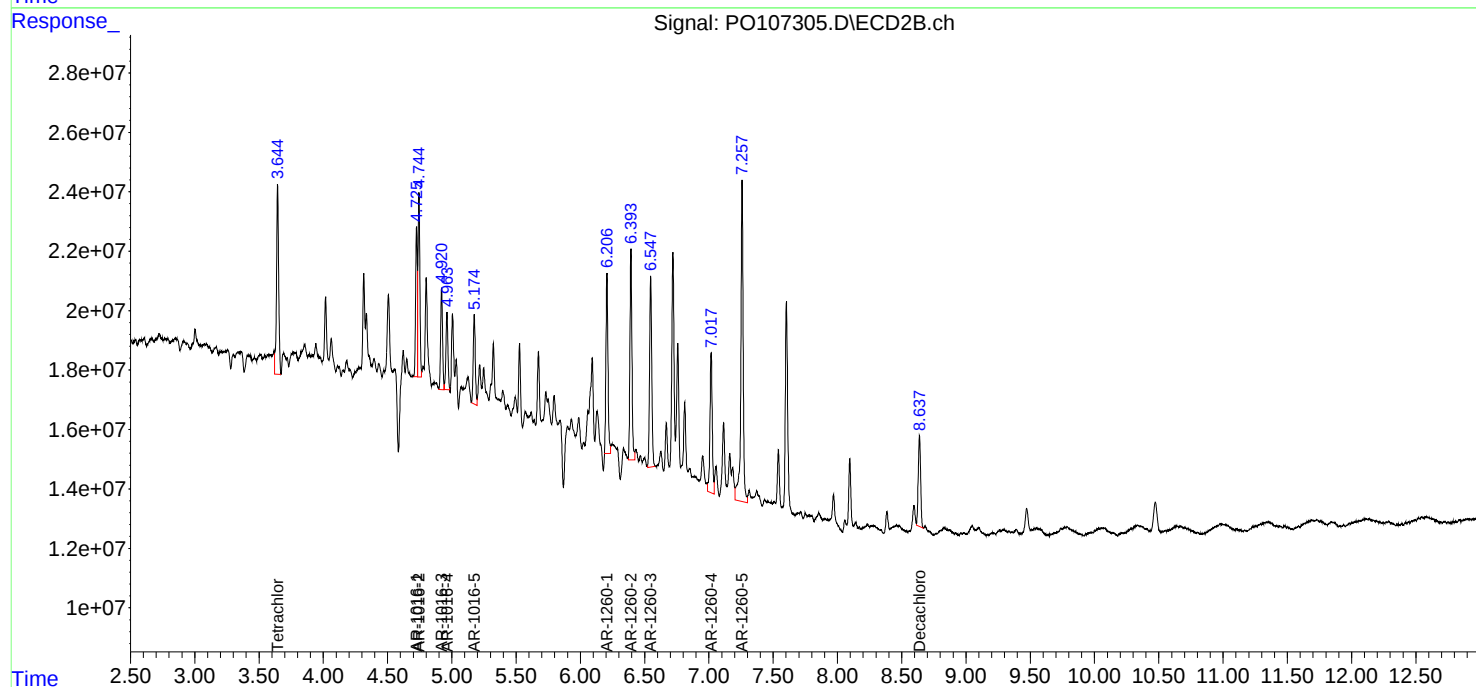
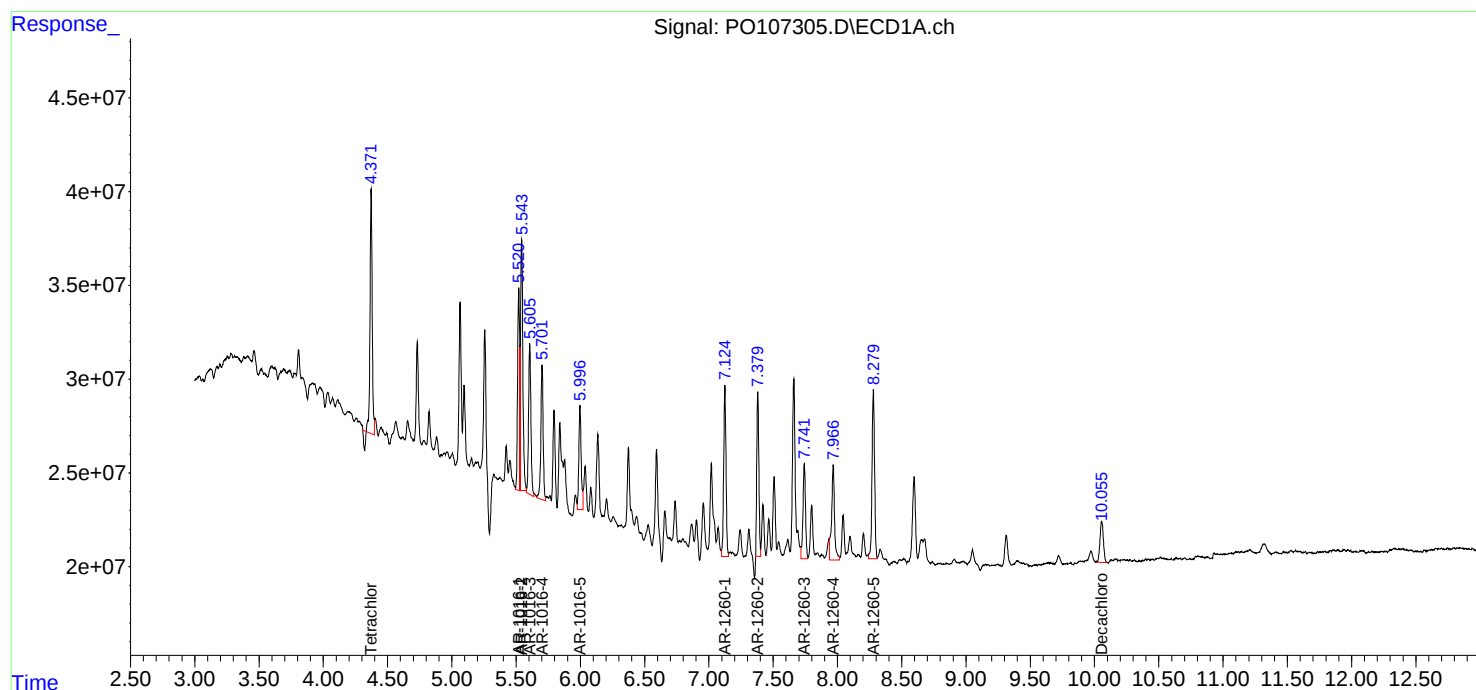
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:13:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
 Data File : PO107306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 16:56
 Operator : YP/AJ
 Sample : P4455-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

SU-4-101824MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:13:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 16 04:53:16 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	3.644	165.7E6	75440856	18.177	23.440 #
2) SA Decachlor...	10.056	8.637	36727776	36567799	14.970	13.338

Target Compounds						
3) L1 AR-1016-1	5.519	4.725	121.4E6	47575359	450.054m	460.708m
4) L1 AR-1016-2	5.541	4.744	167.7E6	67655458	422.552m	479.936
5) L1 AR-1016-3	5.605	4.920	97557887	39852771	388.414m	506.095m#
6) L1 AR-1016-4	5.701	4.961	86539254	33538796	449.293m	507.331m
7) L1 AR-1016-5	5.995	5.174	72642099	31241172	397.704m	380.369
31) L7 AR-1260-1	7.122	6.206	115.7E6	71168879	447.531m	458.697m
32) L7 AR-1260-2	7.379	6.393	95877929	85660714	364.250m	486.389m#
33) L7 AR-1260-3	7.741	6.546	65307702	76972302	363.335m	458.856 #
34) L7 AR-1260-4	7.965	7.017	74560395	56013515	424.836m	387.153
35) L7 AR-1260-5	8.278	7.257	122.7E6	129.3E6	431.306m	392.503

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102124\
Data File : PO107306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 16:56
Operator : YP/AJ
Sample : P4455-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

SU-4-101824MSD

Manual Integrations

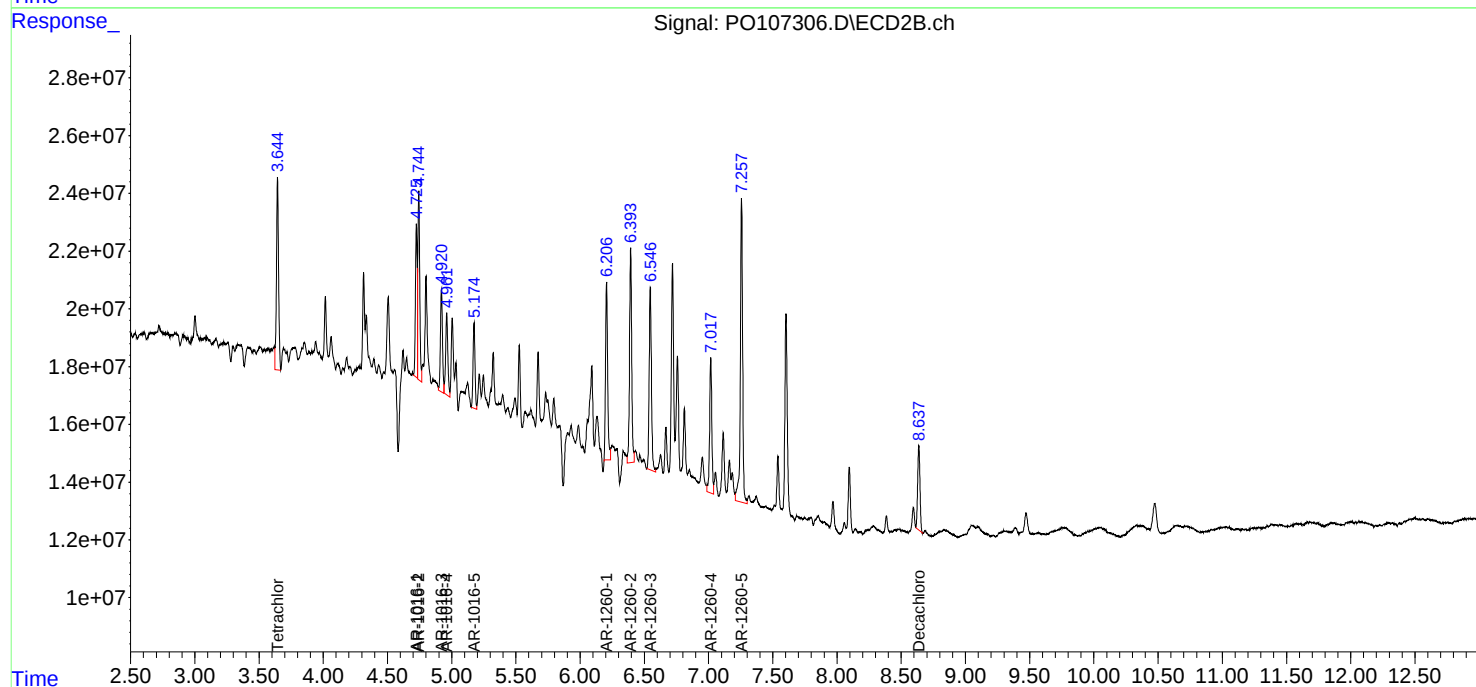
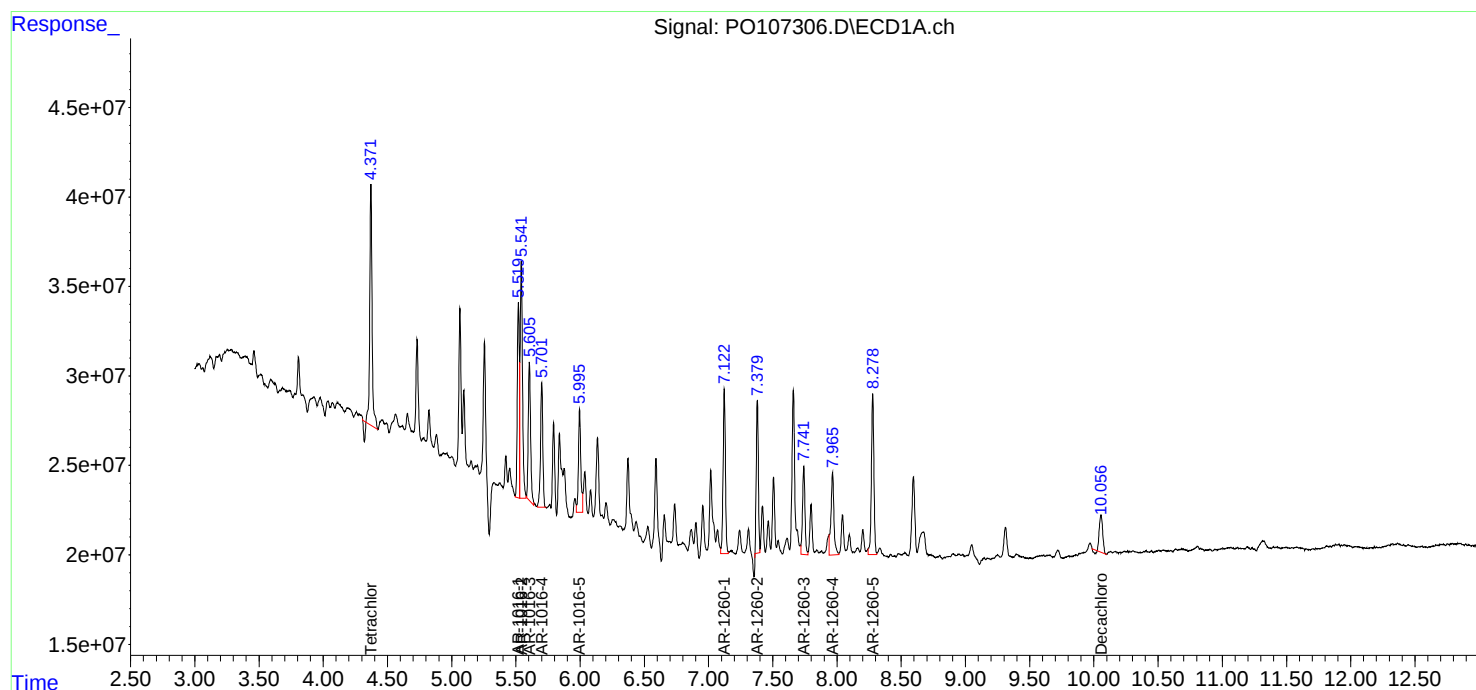
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 07:13:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 16 04:53:16 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



Manual Integration Report

Sequence:	po101524	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO107188.D	AR-1260-1 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-4 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	Decachlorobiphenyl #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1268ICC050	PO107211.D	AR-1268-1	yogesh	10/16/2024 8:49:03 AM	Ankita	10/16/2024 9:57:36	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO107293.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:03 PM	Ankita	10/22/2024 3:09:40	Peak Integrated by Software
AR1660CCC500	PO107293.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:03 PM	Ankita	10/22/2024 3:09:40	Peak Integrated by Software
AR1660CCC500	PO107293.D	AR-1260-4 #2	yogesh	10/22/2024 3:08:03 PM	Ankita	10/22/2024 3:09:40	Peak Integrated by Software
AR1660CCC500	PO107293.D	AR-1260-5 #2	yogesh	10/22/2024 3:08:03 PM	Ankita	10/22/2024 3:09:40	Peak Integrated by Software
AR1248CCC500	PO107295.D	Tetrachloro-m-xylene #2	yogesh	10/22/2024 3:08:05 PM	Ankita	10/22/2024 3:10:10	Peak Integrated by Software
AR1254CCC500	PO107296.D	AR-1254-2 #2	yogesh	10/22/2024 3:08:07 PM	Ankita	10/22/2024 3:09:47	Peak Integrated by Software
AR1254CCC500	PO107296.D	AR-1254-3 #2	yogesh	10/22/2024 3:08:07 PM	Ankita	10/22/2024 3:09:47	Peak Integrated by Software
AR1254CCC500	PO107296.D	AR-1254-4 #2	yogesh	10/22/2024 3:08:07 PM	Ankita	10/22/2024 3:09:47	Peak Integrated by Software
I.BLK	PO107297.D	Decachlorobiphenyl #2	yogesh	10/22/2024 3:08:09 PM	Ankita	10/22/2024 3:09:50	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1016-1	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1016-2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1016-3	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1016-4	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB164287BS	PO107300.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1260-3 #2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1260-4 #2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
PB164287BS	PO107300.D	AR-1260-5 #2	yogesh	10/22/2024 3:08:13 PM	Ankita	10/22/2024 3:10:12	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-1	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-1 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-2 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-3	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-3 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-4	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1016-4 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4455-01MS	PO107305.D	AR-1016-5	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-1	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-3	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-3 #2	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-4	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MS	PO107305.D	AR-1260-5	yogesh	10/22/2024 3:08:21 PM	Ankita	10/22/2024 3:10:25	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-1	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-1 #2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-3	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4455-01MSD	PO107306.D	AR-1016-3 #2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-4	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-4 #2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1016-5	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-1	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-3	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-4	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
P4455-01MSD	PO107306.D	AR-1260-5	yogesh	10/22/2024 3:08:23 PM	Ankita	10/22/2024 3:10:27	Peak Integrated by Software
AR1660CCC50 0	PO107308.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:27 PM	Ankita	10/22/2024 3:10:30	Peak Integrated by Software
AR1660CCC50 0	PO107308.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:27 PM	Ankita	10/22/2024 3:10:30	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO107308.D	AR-1260-4 #2	yogesh	10/22/2024 3:08:27 PM	Ankita	10/22/2024 3:10:30	Peak Integrated by Software
AR1660CCC500	PO107308.D	AR-1260-5 #2	yogesh	10/22/2024 3:08:27 PM	Ankita	10/22/2024 3:10:30	Peak Integrated by Software
AR1242CCC500	PO107309.D	AR-1242-5	yogesh	10/22/2024 3:08:28 PM	Ankita	10/22/2024 3:10:33	Peak Integrated by Software
P4460-02	PO107315.D	Tetrachloro-m-xylene	yogesh	10/22/2024 3:08:33 PM	Ankita	10/22/2024 3:10:50	Peak Integrated by Software
P4460-02	PO107315.D	Tetrachloro-m-xylene #2	yogesh	10/22/2024 3:08:33 PM	Ankita	10/22/2024 3:10:50	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1016-5 #2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-1	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-3	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-4	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1660CCC500	PO107323.D	AR-1260-4 #2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO107323.D	AR-1260-5 #2	yogesh	10/22/2024 3:08:37 PM	Ankita	10/22/2024 3:11:04	Peak Integrated by Software
AR1248CCC500	PO107325.D	AR-1248-5 #2	yogesh	10/22/2024 3:08:38 PM	Ankita	10/22/2024 3:11:06	Peak Integrated by Software
AR1254CCC500	PO107326.D	AR-1254-2 #2	yogesh	10/22/2024 3:08:41 PM	Ankita	10/22/2024 3:11:08	Peak Integrated by Software
AR1254CCC500	PO107326.D	AR-1254-3 #2	yogesh	10/22/2024 3:08:41 PM	Ankita	10/22/2024 3:11:08	Peak Integrated by Software
AR1254CCC500	PO107326.D	AR-1254-4 #2	yogesh	10/22/2024 3:08:41 PM	Ankita	10/22/2024 3:11:08	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1016-5 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-1	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-1 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-2 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-3	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-3 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-4	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102124	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO107329.D	AR-1260-4 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1660CCC500	PO107329.D	AR-1260-5 #2	yogesh	10/22/2024 3:08:45 PM	Ankita	10/22/2024 3:11:11	Peak Integrated by Software
AR1254CCC500	PO107332.D	AR-1254-3 #2	yogesh	10/22/2024 3:08:46 PM	Ankita	10/22/2024 3:11:13	Peak Integrated by Software
AR1254CCC500	PO107332.D	AR-1254-4	yogesh	10/22/2024 3:08:46 PM	Ankita	10/22/2024 3:11:13	Peak Integrated by Software
AR1254CCC500	PO107332.D	AR-1254-4 #2	yogesh	10/22/2024 3:08:46 PM	Ankita	10/22/2024 3:11:13	Peak Integrated by Software

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP067590.D	AR-1016-5 #2	yogesh	10/9/2024 8:24:09 AM	Ankita	10/9/2024 9:46:08	Peak Integrated by Software
AR1660ICC050	PP067591.D	AR-1016-5 #2	yogesh	10/9/2024 8:24:11 AM	Ankita	10/9/2024 9:46:09	Peak Integrated by Software
AR1242ICC500	PP067596.D	Tetrachloro-m-xylene	yogesh	10/9/2024 8:24:13 AM	Ankita	10/9/2024 9:46:11	Peak Integrated by Software
AR1242ICC050	PP067598.D	Tetrachloro-m-xylene	yogesh	10/9/2024 8:24:16 AM	Ankita	10/9/2024 9:46:12	Peak Integrated by Software
AR1254ICC750	PP067605.D	AR-1254-5	yogesh	10/9/2024 8:24:18 AM	Ankita	10/9/2024 9:46:13	Peak Integrated by Software
AR1254ICC500	PP067606.D	AR-1254-5	yogesh	10/9/2024 8:24:20 AM	Ankita	10/9/2024 9:46:15	Peak Integrated by Software
AR1254ICC050	PP067608.D	AR-1254-1	yogesh	10/9/2024 8:24:22 AM	Ankita	10/9/2024 9:48:32	Peak Integrated by Software
AR1254ICC050	PP067608.D	AR-1254-4 #2	yogesh	10/9/2024 8:24:22 AM	Ankita	10/9/2024 9:48:32	Peak Integrated by Software
AR1262ICC500	PP067609.D	AR-1262-3	yogesh	10/9/2024 8:24:24 AM	Ankita	10/9/2024 9:48:33	Peak Integrated by Software
AR1268ICC100 0	PP067610.D	AR-1268-1	yogesh	10/9/2024 8:24:27 AM	Ankita	10/9/2024 9:48:35	Peak Integrated by Software
AR1268ICC100 0	PP067610.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:27 AM	Ankita	10/9/2024 9:48:35	Peak Integrated by Software
AR1268ICC750	PP067611.D	AR-1268-1	yogesh	10/9/2024 8:24:29 AM	Ankita	10/9/2024 9:48:36	Peak Integrated by Software
AR1268ICC750	PP067611.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:29 AM	Ankita	10/9/2024 9:48:36	Peak Integrated by Software

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC500	PP067612.D	AR-1268-1	yogesh	10/9/2024 8:24:31 AM	Ankita	10/9/2024 9:48:38	Peak Integrated by Software
AR1268ICC500	PP067612.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:31 AM	Ankita	10/9/2024 9:48:38	Peak Integrated by Software
AR1268ICC250	PP067613.D	AR-1268-1	yogesh	10/9/2024 8:24:33 AM	Ankita	10/9/2024 9:48:39	Peak Integrated by Software
AR1268ICC250	PP067613.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:33 AM	Ankita	10/9/2024 9:48:39	Peak Integrated by Software
AR1268ICC050	PP067614.D	AR-1268-1	yogesh	10/9/2024 8:24:35 AM	Ankita	10/9/2024 9:48:41	Peak Integrated by Software
AR1268ICC050	PP067614.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:35 AM	Ankita	10/9/2024 9:48:41	Peak Integrated by Software
AR1242ICV500	PP067616.D	AR-1242-1 #2	yogesh	10/9/2024 8:24:36 AM	Ankita	10/9/2024 9:48:43	Peak Integrated by Software
AR1242ICV500	PP067616.D	AR-1242-2 #2	yogesh	10/9/2024 8:24:36 AM	Ankita	10/9/2024 9:48:43	Peak Integrated by Software
AR1254ICV500	PP067618.D	AR-1254-4 #2	yogesh	10/9/2024 8:24:38 AM	Ankita	10/9/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP067618.D	AR-1254-5	yogesh	10/9/2024 8:24:38 AM	Ankita	10/9/2024 9:48:44	Peak Integrated by Software
AR1268ICV500	PP067619.D	AR-1268-1	yogesh	10/9/2024 8:24:40 AM	Ankita	10/9/2024 9:48:46	Peak Integrated by Software
AR1268ICV500	PP067619.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:40 AM	Ankita	10/9/2024 9:48:46	Peak Integrated by Software



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

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	pp102324	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP068154.D	AR-1254-1	yogesh	10/24/2024 8:28:50 AM	Ankita	10/24/2024 9:29:06	Peak Integrated by Software
AR1254CCC500	PP068154.D	AR-1254-4 #2	yogesh	10/24/2024 8:28:50 AM	Ankita	10/24/2024 9:29:06	Peak Integrated by Software
AR1254CCC500	PP068154.D	AR-1254-5	yogesh	10/24/2024 8:28:50 AM	Ankita	10/24/2024 9:29:06	Peak Integrated by Software
AR1254CCC500	PP068169.D	AR-1254-1	yogesh	10/24/2024 8:28:58 AM	Ankita	10/24/2024 9:29:13	Peak Integrated by Software
AR1254CCC500	PP068169.D	AR-1254-5	yogesh	10/24/2024 8:28:58 AM	Ankita	10/24/2024 9:29:13	Peak Integrated by Software
PB164342BS	PP068176.D	Tetrachloro-m-xylene #2	yogesh	10/24/2024 8:29:04 AM	Ankita	10/24/2024 9:29:19	Peak Integrated by Software
PB164342BSD	PP068177.D	Tetrachloro-m-xylene #2	yogesh	10/24/2024 8:29:05 AM	Ankita	10/24/2024 9:29:21	Peak Integrated by Software
AR1254CCC500	PP068183.D	AR-1254-1	yogesh	10/24/2024 8:29:10 AM	Ankita	10/24/2024 9:29:24	Peak Integrated by Software
AR1254CCC500	PP068183.D	AR-1254-5	yogesh	10/24/2024 8:29:10 AM	Ankita	10/24/2024 9:29:24	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107180.D	15 Oct 2024 13:05	YP/AJ	Ok
2	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	YP/AJ	Not Ok
3	HEXANE	PO107182.D	15 Oct 2024 17:50	YP/AJ	Ok
4	I.BLK	PO107183.D	15 Oct 2024 18:08	YP/AJ	Ok
5	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27	YP/AJ	Ok
6	AR1660ICC750	PO107185.D	15 Oct 2024 18:45	YP/AJ	Ok
7	AR1660ICC500	PO107186.D	15 Oct 2024 19:03	YP/AJ	Ok
8	AR1660ICC250	PO107187.D	15 Oct 2024 19:21	YP/AJ	Ok
9	AR1660ICC050	PO107188.D	15 Oct 2024 19:39	YP/AJ	Ok,M
10	AR1221ICC500	PO107189.D	15 Oct 2024 19:57	YP/AJ	Ok
11	AR1232ICC500	PO107190.D	15 Oct 2024 20:15	YP/AJ	Ok
12	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34	YP/AJ	Ok
13	AR1242ICC750	PO107192.D	15 Oct 2024 20:52	YP/AJ	Ok
14	AR1242ICC500	PO107193.D	15 Oct 2024 21:10	YP/AJ	Ok
15	AR1242ICC250	PO107194.D	15 Oct 2024 21:28	YP/AJ	Ok
16	AR1242ICC050	PO107195.D	15 Oct 2024 21:46	YP/AJ	Ok
17	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04	YP/AJ	Ok
18	AR1248ICC750	PO107197.D	15 Oct 2024 22:22	YP/AJ	Ok
19	AR1248ICC500	PO107198.D	15 Oct 2024 22:41	YP/AJ	Ok
20	AR1248ICC250	PO107199.D	15 Oct 2024 22:59	YP/AJ	Ok
21	AR1248ICC050	PO107200.D	15 Oct 2024 23:17	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35	YP/AJ	Ok
23	AR1254ICC750	PO107202.D	15 Oct 2024 23:53	YP/AJ	Ok
24	AR1254ICC500	PO107203.D	16 Oct 2024 00:11	YP/AJ	Ok
25	AR1254ICC250	PO107204.D	16 Oct 2024 00:29	YP/AJ	Ok
26	AR1254ICC050	PO107205.D	16 Oct 2024 00:47	YP/AJ	Ok
27	AR1262ICC500	PO107206.D	16 Oct 2024 01:05	YP/AJ	Ok
28	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23	YP/AJ	Ok
29	AR1268ICC750	PO107208.D	16 Oct 2024 01:41	YP/AJ	Ok
30	AR1268ICC500	PO107209.D	16 Oct 2024 01:59	YP/AJ	Ok
31	AR1268ICC250	PO107210.D	16 Oct 2024 02:18	YP/AJ	Ok
32	AR1268ICC050	PO107211.D	16 Oct 2024 02:36	YP/AJ	Ok,M
33	PO101524ICV500	PO107212.D	16 Oct 2024 02:54	YP/AJ	Ok
34	AR1242ICV500	PO107213.D	16 Oct 2024 03:12	YP/AJ	Ok
35	AR1248ICV500	PO107214.D	16 Oct 2024 03:30	YP/AJ	Ok
36	AR1254ICV500	PO107215.D	16 Oct 2024 03:48	YP/AJ	Ok
37	AR1268ICV500	PO107216.D	16 Oct 2024 04:06	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102124

Review By	yogesh	Review On	10/22/2024 3:09:05 PM
Supervise By	Ankita	Supervise On	10/22/2024 3:11:43 PM
SubDirectory	PO102124	HP Acquire Method	HP Processing Method PP101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107292.D	21 Oct 2024 10:32	YP/AJ	Ok
2	AR1660CCC500	PO107293.D	21 Oct 2024 11:58	YP/AJ	Ok,M
3	AR1242CCC500	PO107294.D	21 Oct 2024 12:43	YP/AJ	Ok
4	AR1248CCC500	PO107295.D	21 Oct 2024 13:01	YP/AJ	Ok,M
5	AR1254CCC500	PO107296.D	21 Oct 2024 13:55	YP/AJ	Ok,M
6	I.BLK	PO107297.D	21 Oct 2024 14:13	YP/AJ	Ok,M
7	PP23906	PO107298.D	21 Oct 2024 14:31	YP/AJ	Ok,M
8	PB164287BL	PO107299.D	21 Oct 2024 14:49	YP/AJ	Ok
9	PB164287BS	PO107300.D	21 Oct 2024 15:07	YP/AJ	Ok,M
10	P4443-01	PO107301.D	21 Oct 2024 15:26	YP/AJ	Ok,M
11	P4443-06	PO107302.D	21 Oct 2024 15:44	YP/AJ	Ok,M
12	P4452-01	PO107303.D	21 Oct 2024 16:02	YP/AJ	Ok,M
13	P4455-01	PO107304.D	21 Oct 2024 16:20	YP/AJ	Ok,M
14	P4455-01MS	PO107305.D	21 Oct 2024 16:38	YP/AJ	Ok,M
15	P4455-01MSD	PO107306.D	21 Oct 2024 16:56	YP/AJ	Ok,M
16	P4456-01	PO107307.D	21 Oct 2024 17:14	YP/AJ	Ok,M
17	AR1660CCC500	PO107308.D	21 Oct 2024 18:15	YP/AJ	Ok,M
18	AR1242CCC500	PO107309.D	21 Oct 2024 18:33	YP/AJ	Ok,M
19	AR1248CCC500	PO107310.D	21 Oct 2024 18:51	YP/AJ	Ok
20	AR1254CCC500	PO107311.D	21 Oct 2024 19:09	YP/AJ	Ok
21	I.BLK	PO107312.D	21 Oct 2024 19:28	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102124

Review By	yogesh	Review On	10/22/2024 3:09:05 PM
Supervise By	Ankita	Supervise On	10/22/2024 3:11:43 PM
SubDirectory	PO102124	HP Acquire Method	HP Processing Method PP101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4454-03	PO107313.D	21 Oct 2024 19:46	YP/AJ	Ok,M
23	P4458-01	PO107314.D	21 Oct 2024 20:04	YP/AJ	Ok,M
24	P4460-02	PO107315.D	21 Oct 2024 20:22	YP/AJ	Ok,M
25	P4460-03	PO107316.D	21 Oct 2024 20:40	YP/AJ	Ok
26	PB164303BL	PO107317.D	21 Oct 2024 20:58	YP/AJ	Ok
27	PB164303BS	PO107318.D	21 Oct 2024 21:16	YP/AJ	Ok,M
28	P4459-01	PO107319.D	21 Oct 2024 21:35	YP/AJ	Ok
29	P4469-01	PO107320.D	21 Oct 2024 21:53	YP/AJ	Ok
30	P4469-02	PO107321.D	21 Oct 2024 22:11	YP/AJ	Ok
31	P4469-03	PO107322.D	21 Oct 2024 22:29	YP/AJ	Ok
32	AR1660CCC500	PO107323.D	21 Oct 2024 23:30	YP/AJ	Ok,M
33	AR1242CCC500	PO107324.D	21 Oct 2024 23:48	YP/AJ	Ok
34	AR1248CCC500	PO107325.D	22 Oct 2024 00:06	YP/AJ	Ok,M
35	AR1254CCC500	PO107326.D	22 Oct 2024 00:24	YP/AJ	Ok,M
36	I.BLK	PO107327.D	22 Oct 2024 00:42	YP/AJ	Ok
37	P4469-04	PO107328.D	22 Oct 2024 01:00	YP/AJ	Ok,M
38	AR1660CCC500	PO107329.D	22 Oct 2024 02:01	YP/AJ	Ok,M
39	AR1242CCC500	PO107330.D	22 Oct 2024 02:19	YP/AJ	Ok
40	AR1248CCC500	PO107331.D	22 Oct 2024 02:37	YP/AJ	Ok
41	AR1254CCC500	PO107332.D	22 Oct 2024 02:55	YP/AJ	Ok,M
42	I.BLK	PO107333.D	22 Oct 2024 03:13	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP067585.D	08 Oct 2024 15:58	YP\AJ	Ok
2	I.BLK	PP067586.D	08 Oct 2024 16:14	YP\AJ	Ok
3	AR1660ICC1000	PP067587.D	08 Oct 2024 16:30	YP\AJ	Ok
4	AR1660ICC750	PP067588.D	08 Oct 2024 16:46	YP\AJ	Ok
5	AR1660ICC500	PP067589.D	08 Oct 2024 17:02	YP\AJ	Ok
6	AR1660ICC250	PP067590.D	08 Oct 2024 17:19	YP\AJ	Ok,M
7	AR1660ICC050	PP067591.D	08 Oct 2024 17:35	YP\AJ	Ok,M
8	AR1221ICC500	PP067592.D	08 Oct 2024 17:51	YP\AJ	Ok
9	AR1232ICC500	PP067593.D	08 Oct 2024 18:07	YP\AJ	Ok
10	AR1242ICC1000	PP067594.D	08 Oct 2024 18:23	YP\AJ	Ok
11	AR1242ICC750	PP067595.D	08 Oct 2024 18:39	YP\AJ	Ok
12	AR1242ICC500	PP067596.D	08 Oct 2024 18:55	YP\AJ	Ok,M
13	AR1242ICC250	PP067597.D	08 Oct 2024 19:12	YP\AJ	Ok
14	AR1242ICC050	PP067598.D	08 Oct 2024 19:28	YP\AJ	Ok,M
15	AR1248ICC1000	PP067599.D	08 Oct 2024 19:44	YP\AJ	Ok
16	AR1248ICC750	PP067600.D	08 Oct 2024 20:00	YP\AJ	Ok
17	AR1248ICC500	PP067601.D	08 Oct 2024 20:16	YP\AJ	Ok
18	AR1248ICC250	PP067602.D	08 Oct 2024 20:32	YP\AJ	Ok
19	AR1248ICC050	PP067603.D	08 Oct 2024 20:49	YP\AJ	Ok
20	AR1254ICC1000	PP067604.D	08 Oct 2024 21:05	YP\AJ	Ok
21	AR1254ICC750	PP067605.D	08 Oct 2024 21:21	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP067606.D	08 Oct 2024 21:37	YP\AJ	Ok,M
23	AR1254ICC250	PP067607.D	08 Oct 2024 21:53	YP\AJ	Ok
24	AR1254ICC050	PP067608.D	08 Oct 2024 22:09	YP\AJ	Ok,M
25	AR1262ICC500	PP067609.D	08 Oct 2024 22:25	YP\AJ	Ok,M
26	AR1268ICC1000	PP067610.D	08 Oct 2024 22:42	YP\AJ	Ok,M
27	AR1268ICC750	PP067611.D	08 Oct 2024 22:58	YP\AJ	Ok,M
28	AR1268ICC500	PP067612.D	08 Oct 2024 23:14	YP\AJ	Ok,M
29	AR1268ICC250	PP067613.D	08 Oct 2024 23:30	YP\AJ	Ok,M
30	AR1268ICC050	PP067614.D	08 Oct 2024 23:46	YP\AJ	Ok,M
31	PP100824ICV500	PP067615.D	09 Oct 2024 00:02	YP\AJ	Ok
32	AR1242ICV500	PP067616.D	09 Oct 2024 00:18	YP\AJ	Ok,M
33	AR1248ICV500	PP067617.D	09 Oct 2024 00:34	YP\AJ	Ok
34	AR1254ICV500	PP067618.D	09 Oct 2024 00:51	YP\AJ	Ok,M
35	AR1268ICV500	PP067619.D	09 Oct 2024 01:07	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102324

Review By	yogesh	Review On	10/24/2024 8:29:24 AM
Supervise By	Ankita	Supervise On	10/24/2024 9:24:26 AM
SubDirectory	PP102324	HP Acquire Method	HP Processing Method pp100824
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP068150.D	23 Oct 2024 09:14	YP\AJ	Ok
2	AR1660CCC500	PP068151.D	23 Oct 2024 09:30	YP\AJ	Ok
3	AR1242CCC500	PP068152.D	23 Oct 2024 09:46	YP\AJ	Ok
4	AR1248CCC500	PP068153.D	23 Oct 2024 10:02	YP\AJ	Ok
5	AR1254CCC500	PP068154.D	23 Oct 2024 10:18	YP\AJ	Ok,M
6	I.BLK	PP068155.D	23 Oct 2024 10:34	YP\AJ	Ok
7	P4471-02	PP068156.D	23 Oct 2024 12:11	YP\AJ	Ok
8	PB164343BL	PP068157.D	23 Oct 2024 13:21	YP\AJ	Ok
9	PB164343BS	PP068158.D	23 Oct 2024 13:37	YP\AJ	Ok,M
10	P4485-01	PP068159.D	23 Oct 2024 13:54	YP\AJ	Ok
11	P4486-01	PP068160.D	23 Oct 2024 14:10	YP\AJ	Ok
12	P4486-01MS	PP068161.D	23 Oct 2024 14:26	YP\AJ	Ok,M
13	P4486-01MSD	PP068162.D	23 Oct 2024 14:42	YP\AJ	Ok,M
14	P4487-01	PP068163.D	23 Oct 2024 14:58	YP\AJ	Ok
15	P4487-05	PP068164.D	23 Oct 2024 15:14	YP\AJ	Ok
16	P4488-02	PP068165.D	23 Oct 2024 15:30	YP\AJ	Ok,M
17	AR1660CCC500	PP068166.D	23 Oct 2024 15:57	YP\AJ	Ok
18	AR1242CCC500	PP068167.D	23 Oct 2024 16:13	YP\AJ	Ok
19	AR1248CCC500	PP068168.D	23 Oct 2024 16:29	YP\AJ	Ok
20	AR1254CCC500	PP068169.D	23 Oct 2024 16:45	YP\AJ	Ok,M
21	I.BLK	PP068170.D	23 Oct 2024 17:01	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102324

Review By	yogesh	Review On	10/24/2024 8:29:24 AM
Supervise By	Ankita	Supervise On	10/24/2024 9:24:26 AM
SubDirectory	PP102324	HP Acquire Method	HP Processing Method pp100824
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P4488-01	PP068171.D	23 Oct 2024 17:17	YP\AJ	Ok,M
23	P4488-09	PP068172.D	23 Oct 2024 17:33	YP\AJ	Ok
24	P4488-10	PP068173.D	23 Oct 2024 17:50	YP\AJ	Ok
25	P4489-01	PP068174.D	23 Oct 2024 18:06	YP\AJ	Ok,M
26	PB164342BL	PP068175.D	23 Oct 2024 18:22	YP\AJ	Ok
27	PB164342BS	PP068176.D	23 Oct 2024 18:38	YP\AJ	Ok,M
28	PB164342BSD	PP068177.D	23 Oct 2024 18:54	YP\AJ	Ok,M
29	P4485-03	PP068178.D	23 Oct 2024 19:10	YP\AJ	ReRun
30	P4460-06	PP068179.D	23 Oct 2024 19:26	YP\AJ	Ok
31	AR1660CCC500	PP068180.D	23 Oct 2024 20:04	YP\AJ	Ok
32	AR1242CCC500	PP068181.D	23 Oct 2024 20:20	YP\AJ	Ok
33	AR1248CCC500	PP068182.D	23 Oct 2024 20:36	YP\AJ	Ok
34	AR1254CCC500	PP068183.D	23 Oct 2024 20:52	YP\AJ	Ok,M
35	I.BLK	PP068184.D	23 Oct 2024 21:08	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524

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,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107180.D	15 Oct 2024 13:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	need ICAL	YP/AJ	Not Ok
3	HEXANE	HEXANE	PO107182.D	15 Oct 2024 17:50		YP/AJ	Ok
4	I.BLK	I.BLK	PO107183.D	15 Oct 2024 18:08		YP/AJ	Ok
5	AR1660ICC1000	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27		YP/AJ	Ok
6	AR1660ICC750	AR1660ICC750	PO107185.D	15 Oct 2024 18:45		YP/AJ	Ok
7	AR1660ICC500	AR1660ICC500	PO107186.D	15 Oct 2024 19:03		YP/AJ	Ok
8	AR1660ICC250	AR1660ICC250	PO107187.D	15 Oct 2024 19:21		YP/AJ	Ok
9	AR1660ICC050	AR1660ICC050	PO107188.D	15 Oct 2024 19:39		YP/AJ	Ok,M
10	AR1221ICC500	AR1221ICC500	PO107189.D	15 Oct 2024 19:57		YP/AJ	Ok
11	AR1232ICC500	AR1232ICC500	PO107190.D	15 Oct 2024 20:15		YP/AJ	Ok
12	AR1242ICC1000	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34		YP/AJ	Ok
13	AR1242ICC750	AR1242ICC750	PO107192.D	15 Oct 2024 20:52		YP/AJ	Ok
14	AR1242ICC500	AR1242ICC500	PO107193.D	15 Oct 2024 21:10		YP/AJ	Ok
15	AR1242ICC250	AR1242ICC250	PO107194.D	15 Oct 2024 21:28		YP/AJ	Ok
16	AR1242ICC050	AR1242ICC050	PO107195.D	15 Oct 2024 21:46		YP/AJ	Ok
17	AR1248ICC1000	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04		YP/AJ	Ok
18	AR1248ICC750	AR1248ICC750	PO107197.D	15 Oct 2024 22:22		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC500	AR1248ICC500	PO107198.D	15 Oct 2024 22:41		YP/AJ	Ok
20	AR1248ICC250	AR1248ICC250	PO107199.D	15 Oct 2024 22:59		YP/AJ	Ok
21	AR1248ICC050	AR1248ICC050	PO107200.D	15 Oct 2024 23:17		YP/AJ	Ok
22	AR1254ICC1000	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35		YP/AJ	Ok
23	AR1254ICC750	AR1254ICC750	PO107202.D	15 Oct 2024 23:53		YP/AJ	Ok
24	AR1254ICC500	AR1254ICC500	PO107203.D	16 Oct 2024 00:11		YP/AJ	Ok
25	AR1254ICC250	AR1254ICC250	PO107204.D	16 Oct 2024 00:29		YP/AJ	Ok
26	AR1254ICC050	AR1254ICC050	PO107205.D	16 Oct 2024 00:47		YP/AJ	Ok
27	AR1262ICC500	AR1262ICC500	PO107206.D	16 Oct 2024 01:05		YP/AJ	Ok
28	AR1268ICC1000	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23		YP/AJ	Ok
29	AR1268ICC750	AR1268ICC750	PO107208.D	16 Oct 2024 01:41		YP/AJ	Ok
30	AR1268ICC500	AR1268ICC500	PO107209.D	16 Oct 2024 01:59		YP/AJ	Ok
31	AR1268ICC250	AR1268ICC250	PO107210.D	16 Oct 2024 02:18		YP/AJ	Ok
32	AR1268ICC050	AR1268ICC050	PO107211.D	16 Oct 2024 02:36		YP/AJ	Ok,M
33	PO101524ICV500	ICVPO101524	PO107212.D	16 Oct 2024 02:54		YP/AJ	Ok
34	AR1242ICV500	ICVPO101524AR1242	PO107213.D	16 Oct 2024 03:12		YP/AJ	Ok
35	AR1248ICV500	ICVPO101524AR1248	PO107214.D	16 Oct 2024 03:30		YP/AJ	Ok
36	AR1254ICV500	ICVPO101524AR1254	PO107215.D	16 Oct 2024 03:48		YP/AJ	Ok
37	AR1268ICV500	ICVPO101524AR1268	PO107216.D	16 Oct 2024 04:06		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102124

Review By	yogesh	Review On	10/22/2024 3:09:05 PM
Supervise By	Ankita	Supervise On	10/22/2024 3:11:43 PM
SubDirectory	PO102124	HP Acquire Method	HP Processing Method PP101524

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
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107292.D	21 Oct 2024 10:32		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107293.D	21 Oct 2024 11:58		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO107294.D	21 Oct 2024 12:43		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO107295.D	21 Oct 2024 13:01		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO107296.D	21 Oct 2024 13:55		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO107297.D	21 Oct 2024 14:13		YP/AJ	Ok,M
7	PP23906	PP23906	PO107298.D	21 Oct 2024 14:31		YP/AJ	Ok,M
8	PB164287BL	PB164287BL	PO107299.D	21 Oct 2024 14:49		YP/AJ	Ok
9	PB164287BS	PB164287BS	PO107300.D	21 Oct 2024 15:07		YP/AJ	Ok,M
10	P4443-01	OG-315-HR-502-COMF	PO107301.D	21 Oct 2024 15:26		YP/AJ	Ok,M
11	P4443-06	OG-315-HR-502-COMF	PO107302.D	21 Oct 2024 15:44		YP/AJ	Ok,M
12	P4452-01	ETGI-285	PO107303.D	21 Oct 2024 16:02		YP/AJ	Ok,M
13	P4455-01	SU-4-101824	PO107304.D	21 Oct 2024 16:20		YP/AJ	Ok,M
14	P4455-01MS	SU-4-101824MS	PO107305.D	21 Oct 2024 16:38		YP/AJ	Ok,M
15	P4455-01MSD	SU-4-101824MSD	PO107306.D	21 Oct 2024 16:56		YP/AJ	Ok,M
16	P4456-01	PAD-10182024	PO107307.D	21 Oct 2024 17:14		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO107308.D	21 Oct 2024 18:15		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO107309.D	21 Oct 2024 18:33		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102124

Review By	yogesh	Review On	10/22/2024 3:09:05 PM
Supervise By	Ankita	Supervise On	10/22/2024 3:11:43 PM
SubDirectory	PO102124	HP Acquire Method	HP Processing Method PP101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PO107310.D	21 Oct 2024 18:51		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO107311.D	21 Oct 2024 19:09		YP/AJ	Ok
21	I.BLK	I.BLK	PO107312.D	21 Oct 2024 19:28	DCB high in 1st column	YP/AJ	Ok
22	P4454-03	34542-43	PO107313.D	21 Oct 2024 19:46		YP/AJ	Ok,M
23	P4458-01	280517	PO107314.D	21 Oct 2024 20:04		YP/AJ	Ok,M
24	P4460-02	WB-303-TOP	PO107315.D	21 Oct 2024 20:22		YP/AJ	Ok,M
25	P4460-03	WB-303-BOT	PO107316.D	21 Oct 2024 20:40		YP/AJ	Ok
26	PB164303BL	PB164303BL	PO107317.D	21 Oct 2024 20:58		YP/AJ	Ok
27	PB164303BS	PB164303BS	PO107318.D	21 Oct 2024 21:16		YP/AJ	Ok,M
28	P4459-01	60379	PO107319.D	21 Oct 2024 21:35	AR1242 Hit	YP/AJ	Ok
29	P4469-01	16-PIPE	PO107320.D	21 Oct 2024 21:53		YP/AJ	Ok
30	P4469-02	21-PIPE	PO107321.D	21 Oct 2024 22:11		YP/AJ	Ok
31	P4469-03	32-PIPE	PO107322.D	21 Oct 2024 22:29		YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO107323.D	21 Oct 2024 23:30		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO107324.D	21 Oct 2024 23:48		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO107325.D	22 Oct 2024 00:06		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO107326.D	22 Oct 2024 00:24		YP/AJ	Ok,M
36	I.BLK	I.BLK	PO107327.D	22 Oct 2024 00:42		YP/AJ	Ok
37	P4469-04	34-PIPE	PO107328.D	22 Oct 2024 01:00		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102124

Review By	yogesh	Review On	10/22/2024 3:09:05 PM
Supervise By	Ankita	Supervise On	10/22/2024 3:11:43 PM
SubDirectory	PO102124	HP Acquire Method	HP Processing Method PP101524
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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1660CCC500	AR1660CCC500	PO107329.D	22 Oct 2024 02:01		YP/AJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PO107330.D	22 Oct 2024 02:19		YP/AJ	Ok
40	AR1248CCC500	AR1248CCC500	PO107331.D	22 Oct 2024 02:37		YP/AJ	Ok
41	AR1254CCC500	AR1254CCC500	PO107332.D	22 Oct 2024 02:55		YP/AJ	Ok,M
42	I.BLK	I.BLK	PO107333.D	22 Oct 2024 03:13		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP067585.D	08 Oct 2024 15:58		YPIAJ	Ok
2	I.BLK	I.BLK	PP067586.D	08 Oct 2024 16:14		YPIAJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP067587.D	08 Oct 2024 16:30		YPIAJ	Ok
4	AR1660ICC750	AR1660ICC750	PP067588.D	08 Oct 2024 16:46		YPIAJ	Ok
5	AR1660ICC500	AR1660ICC500	PP067589.D	08 Oct 2024 17:02		YPIAJ	Ok
6	AR1660ICC250	AR1660ICC250	PP067590.D	08 Oct 2024 17:19		YPIAJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP067591.D	08 Oct 2024 17:35		YPIAJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP067592.D	08 Oct 2024 17:51		YPIAJ	Ok
9	AR1232ICC500	AR1232ICC500	PP067593.D	08 Oct 2024 18:07		YPIAJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP067594.D	08 Oct 2024 18:23		YPIAJ	Ok
11	AR1242ICC750	AR1242ICC750	PP067595.D	08 Oct 2024 18:39		YPIAJ	Ok
12	AR1242ICC500	AR1242ICC500	PP067596.D	08 Oct 2024 18:55		YPIAJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP067597.D	08 Oct 2024 19:12		YPIAJ	Ok
14	AR1242ICC050	AR1242ICC050	PP067598.D	08 Oct 2024 19:28		YPIAJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP067599.D	08 Oct 2024 19:44		YPIAJ	Ok
16	AR1248ICC750	AR1248ICC750	PP067600.D	08 Oct 2024 20:00		YPIAJ	Ok
17	AR1248ICC500	AR1248ICC500	PP067601.D	08 Oct 2024 20:16		YPIAJ	Ok
18	AR1248ICC250	AR1248ICC250	PP067602.D	08 Oct 2024 20:32		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP067603.D	08 Oct 2024 20:49		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP067604.D	08 Oct 2024 21:05		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP067605.D	08 Oct 2024 21:21		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP067606.D	08 Oct 2024 21:37		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP067607.D	08 Oct 2024 21:53		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP067608.D	08 Oct 2024 22:09		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP067609.D	08 Oct 2024 22:25		YPIAJ	Ok,M
26	AR1268ICC1000	AR1268ICC1000	PP067610.D	08 Oct 2024 22:42		YPIAJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP067611.D	08 Oct 2024 22:58		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP067612.D	08 Oct 2024 23:14		YPIAJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP067613.D	08 Oct 2024 23:30		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP067614.D	08 Oct 2024 23:46		YPIAJ	Ok,M
31	PP100824ICV500	ICVPP100824	PP067615.D	09 Oct 2024 00:02		YPIAJ	Ok
32	AR1242ICV500	ICVPP100824	PP067616.D	09 Oct 2024 00:18		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP100824	PP067617.D	09 Oct 2024 00:34		YPIAJ	Ok
34	AR1254ICV500	ICVPP100824	PP067618.D	09 Oct 2024 00:51		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP100824	PP067619.D	09 Oct 2024 01:07		YPIAJ	Ok,M

M : Manual Integration

A
B
C
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K
L

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102324

Review By	yogesh	Review On	10/24/2024 8:29:24 AM
Supervise By	Ankita	Supervise On	10/24/2024 9:24:26 AM
SubDirectory	PP102324	HP Acquire Method	HP Processing Method pp100824

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P23751,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
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP068150.D	23 Oct 2024 09:14		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP068151.D	23 Oct 2024 09:30		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP068152.D	23 Oct 2024 09:46		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP068153.D	23 Oct 2024 10:02		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP068154.D	23 Oct 2024 10:18		YPIAJ	Ok,M
6	I.BLK	I.BLK	PP068155.D	23 Oct 2024 10:34		YPIAJ	Ok
7	P4471-02	B-180-SB02	PP068156.D	23 Oct 2024 12:11		YPIAJ	Ok
8	PB164343BL	PB164343BL	PP068157.D	23 Oct 2024 13:21		YPIAJ	Ok
9	PB164343BS	PB164343BS	PP068158.D	23 Oct 2024 13:37		YPIAJ	Ok,M
10	P4485-01	D20241001-01-04	PP068159.D	23 Oct 2024 13:54		YPIAJ	Ok
11	P4486-01	EO-03-102224	PP068160.D	23 Oct 2024 14:10		YPIAJ	Ok
12	P4486-01MS	EO-03-102224MS	PP068161.D	23 Oct 2024 14:26		YPIAJ	Ok,M
13	P4486-01MSD	EO-03-102224MSD	PP068162.D	23 Oct 2024 14:42		YPIAJ	Ok,M
14	P4487-01	BP-B5	PP068163.D	23 Oct 2024 14:58		YPIAJ	Ok
15	P4487-05	BP-F27	PP068164.D	23 Oct 2024 15:14		YPIAJ	Ok
16	P4488-02	1017-B	PP068165.D	23 Oct 2024 15:30		YPIAJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP068166.D	23 Oct 2024 15:57		YPIAJ	Ok
18	AR1242CCC500	AR1242CCC500	PP068167.D	23 Oct 2024 16:13		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102324

Review By	yogesh	Review On	10/24/2024 8:29:24 AM
Supervise By	Ankita	Supervise On	10/24/2024 9:24:26 AM
SubDirectory	PP102324	HP Acquire Method	HP Processing Method pp100824
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP068168.D	23 Oct 2024 16:29		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP068169.D	23 Oct 2024 16:45		YPIAJ	Ok,M
21	I.BLK	I.BLK	PP068170.D	23 Oct 2024 17:01		YPIAJ	Ok
22	P4488-01	OIL-1	PP068171.D	23 Oct 2024 17:17	DCB high in 1st column.	YPIAJ	Ok,M
23	P4488-09	HCC-1	PP068172.D	23 Oct 2024 17:33		YPIAJ	Ok
24	P4488-10	HCC-2	PP068173.D	23 Oct 2024 17:50		YPIAJ	Ok
25	P4489-01	RT-2675	PP068174.D	23 Oct 2024 18:06	AR1254 Hit	YPIAJ	Ok,M
26	PB164342BL	PB164342BL	PP068175.D	23 Oct 2024 18:22		YPIAJ	Ok
27	PB164342BS	PB164342BS	PP068176.D	23 Oct 2024 18:38		YPIAJ	Ok,M
28	PB164342BSD	PB164342BSD	PP068177.D	23 Oct 2024 18:54		YPIAJ	Ok,M
29	P4485-03	D20241001-02-03	PP068178.D	23 Oct 2024 19:10	DCB low in both column	YPIAJ	ReRun
30	P4460-06	WB-303-SW	PP068179.D	23 Oct 2024 19:26		YPIAJ	Ok
31	AR1660CCC500	AR1660CCC500	PP068180.D	23 Oct 2024 20:04		YPIAJ	Ok
32	AR1242CCC500	AR1242CCC500	PP068181.D	23 Oct 2024 20:20		YPIAJ	Ok
33	AR1248CCC500	AR1248CCC500	PP068182.D	23 Oct 2024 20:36		YPIAJ	Ok
34	AR1254CCC500	AR1254CCC500	PP068183.D	23 Oct 2024 20:52		YPIAJ	Ok,M
35	I.BLK	I.BLK	PP068184.D	23 Oct 2024 21:08		YPIAJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 10/21/2024

Extraction Start Time : 10:10

Extraction End Date : 10/21/2024

Extraction End Time : 13:10

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23858
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
Hexane/Acetone/1:1	N/A	EP2539
Baked Na2SO4	N/A	EP2551
Sand	N/A	E2865
Hexane	N/A	E3819
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

Extraction Conformance/Non-Conformance Comments:

40 Vial lot# 03-40 BTS721.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/24	RJ (Rt 205)	R. Pest/PEBCL
13:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/21/2024

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164287BL	ABLK287	PCB	30.01	N/A	ritesh	Evelyn	10			U5-1
PB164287BS	ALCS287	PCB	30.03	N/A	ritesh	Evelyn	10			2
P4443-01	OG-315-HR-502-COMP-2 9	PCB	30.07	N/A	ritesh	Evelyn	10	A		3
P4443-06	OG-315-HR-502-COMP-3 0	PCB	30.09	N/A	ritesh	Evelyn	10	A		4
P4452-01	ETGI-285	PCB	30.05	N/A	ritesh	Evelyn	10	B	Concrete	5
P4454-03	34542-43	PCB	30.03	N/A	ritesh	Evelyn	10	B		6
P4455-01	SU-4-101824	PCB	30.08	N/A	ritesh	Evelyn	10	E		U1-1
P4455-01MS	SU-4-101824MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
P4455-01MS D	SU-4-101824MSD	PCB	30.01	N/A	ritesh	Evelyn	10	E		3
P4456-01	PAD-10182024	PCB	30.06	N/A	ritesh	Evelyn	10	B	Concrete	4
P4458-01	280517	PCB	30.09	N/A	ritesh	Evelyn	10	H		5
P4460-02	WB-303-TOP	PCB	30.02	N/A	ritesh	Evelyn	10	E		6
P4460-03	WB-303-BOT	PCB	30.04	N/A	ritesh	Evelyn	10	E		U6-1

* Extracts relinquished on the same date as received.

4
10/21/24

10/25/24
10:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4443 WorkList ID : 184622 Department : Extraction Date : 10-21-2024 08:34:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4443-01	OG-315-HR-502-COMP-29	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/17/2024	8082A
P4443-06	OG-315-HR-502-COMP-30	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/17/2024	8082A
P4452-01	ETGI-285	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/18/2024	8082A
P4454-03	34542-43	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/18/2024	8082A
P4455-01	SU-4-101824	Solid	PCB	Cool 4 deg C	PSEG05	K41	10/18/2024	8082A
P4456-01	PAD-10182024	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/18/2024	8082A
P4458-01	280517	Solid	PCB	Cool 4 deg C	PSEG03	K51	10/18/2024	8082A
P4460-02	WB-303-TOP	Solid	PCB	Cool 4 deg C	PORT06	K51	10/18/2024	8082A
P4460-03	WB-303-BOT	Solid	PCB	Cool 4 deg C	PORT06	K51	10/18/2024	8082A

Date/Time 10/21/24 10:05
Raw Sample Received by: RJ (for web)
Raw Sample Relinquished by: RJ

Date/Time 10/21/24 10:40
Raw Sample Received by: CJ
Raw Sample Relinquished by: RJ (for web)

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

Clean Up SOP #: Acid Cleanup

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/23/2024

Extraction Start Time : 08:53

Extraction End Date : 10/23/2024

Extraction End Time : 13:45

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
Surrogate	1.0ML	200 PPB	PP23858
Spike Sol 1	1.0ML	5000 PPB	PP23640
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	E3817
Baked Na2SO4	N/A	EP2546
Hexane	N/A	E3819
H2SO4 1:1	N/A	EP2524
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. P4460-06 Limited volume recd.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/23/24	RP (Ext Lab)	RP (Ext Lab)
13:50	Preparation Group	Analysis Group

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

Concentration Date: 10/23/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164342BL	ABLK342	PCB	1000	6	RUPESH	rajesh	10			SEP-01
PB164342BS	ALCS342	PCB	1000	6	RUPESH	rajesh	10			2
PB164342BS D	ALCSD342	PCB	1000	6	RUPESH	rajesh	10			3
P4460-06	WB-303-SW	PCB	490	6	RUPESH	rajesh	5	F		4
P4485-03	D20241001-02-03	PCB	930	6	RUPESH	rajesh	10	C		5

* Extracts relinquished on the same date as received.

10/23/24

WORKLIST(Hardcopy Internal Chain)

Worklist Name : P4488

Worklist ID : 184686

Department : Extraction

Date : 10-23-2024 08:42:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4460-06	WB-303-SW	Water	PCB	Cool 4 deg C	PORT06	K51	10/18/2024	8082A
P4485-03	D20241001-02-03	Water	PCB	Cool 4 deg C	PSEG03	K62	10/22/2024	8082A

Date/Time 10/23/24 8:45
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 10/23/24 8:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

LAB CHRONICLE

OrderID:	P4460	OrderDate:	10/18/2024 3:24:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	K51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4460-02	WB-303-TOP	SOIL	PCB	8082A	10/18/24	10/21/24	10/21/24	10/18/24
P4460-03	WB-303-BOT	SOIL	PCB	8082A	10/18/24	10/21/24	10/21/24	10/18/24
P4460-06	WB-303-SW	WATER	PCB	8082A	10/18/24	10/23/24	10/23/24	10/18/24