



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

Hit Summary Sheet
SW-846

SDG No.:

P4397

Order ID:

P4397

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:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-TOP	SDG No.:	P4397
Lab Sample ID:	P4397-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	63.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067808.D	1	10/14/24 10:05	10/14/24 20:22	PB164124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.30	U	5.30	26.8	ug/kg
11104-28-2	Aroclor-1221	10.1	U	10.1	26.8	ug/kg
11141-16-5	Aroclor-1232	5.40	U	5.40	26.8	ug/kg
53469-21-9	Aroclor-1242	5.30	U	5.30	26.8	ug/kg
12672-29-6	Aroclor-1248	12.4	U	12.4	26.8	ug/kg
11097-69-1	Aroclor-1254	4.30	U	4.30	26.8	ug/kg
37324-23-5	Aroclor-1262	7.20	U	7.20	26.8	ug/kg
11100-14-4	Aroclor-1268	5.40	U	5.40	26.8	ug/kg
11096-82-5	Aroclor-1260	4.60	U	4.60	26.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		30 (32) - 150 (144)	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		30 (32) - 150 (175)	74%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/10/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/11/24	
Client Sample ID:	WB-301-BOT		SDG No.:	P4397	
Lab Sample ID:	P4397-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	76	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067809.D	1	10/14/24 10:05	10/14/24 20:38	PB164124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	22.3	ug/kg
11104-28-2	Aroclor-1221	8.40	U	8.40	22.3	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.3	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	22.3	ug/kg
12672-29-6	Aroclor-1248	10.4	U	10.4	22.3	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	22.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	22.3	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	22.3	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		30 (32) - 150 (144)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		30 (32) - 150 (175)	86%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/10/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/11/24	
Client Sample ID:	WB-301-SW		SDG No.:	P4397	
Lab Sample ID:	P4397-04		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	960	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
PP067812.D	1	10/14/24 13:15	10/14/24 21:26	PB164139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.16	U	0.16	0.52	ug/L
11104-28-2	Aroclor-1221	0.24	U	0.24	0.52	ug/L
11141-16-5	Aroclor-1232	0.39	U	0.39	0.52	ug/L
53469-21-9	Aroclor-1242	0.17	U	0.17	0.52	ug/L
12672-29-6	Aroclor-1248	0.13	U	0.13	0.52	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.52	ug/L
37324-23-5	Aroclor-1262	0.15	U	0.15	0.52	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.52	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.52	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (10) - 150 (157)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (173)	97%	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

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B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P4397**

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	Tetrachloro-m-xylene	1	20	21.1	105		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.6	118		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.5	117		70 (60)	130 (140)
I.BLK-PP067778.D	PIBLK-PP067778.D	Tetrachloro-m-xylene	1	20	19.6	98		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.1	105		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.8	94		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.5	103		70 (60)	130 (140)
PB164124BL	PB164124BL	Tetrachloro-m-xylene	1	20	19.0	95		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.3	111		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.6	93		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.4	97		30 (32)	150 (175)
PB164124BS	PB164124BS	Tetrachloro-m-xylene	1	20	19.9	100		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.4	107		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.4	92		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.5	103		30 (32)	150 (175)
I.BLK-PP067792.D	PIBLK-PP067792.D	Tetrachloro-m-xylene	1	20	19.6	98		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.9	104		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.1	96		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.0	100		70 (60)	130 (140)
P4397-01	WB-301-TOP	Tetrachloro-m-xylene	1	20	15.8	79		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	14.7	74		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	15.7	78		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	13.8	69		30 (32)	150 (175)
P4397-02	WB-301-BOT	Tetrachloro-m-xylene	1	20	20.5	102		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.1	86		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.3	101		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	16.0	80		30 (32)	150 (175)
P4397-02MS	WB-301-BOTMS	Tetrachloro-m-xylene	1	20	24.3	121		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.1	100		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.9	104		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.3	91		30 (32)	150 (175)
P4397-02MSD	WB-301-BOTMSD	Tetrachloro-m-xylene	1	20	23.8	119		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.4	97		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.6	93		30 (32)	150 (175)
P4397-04	WB-301-SW	Tetrachloro-m-xylene	1	20	21.1	105		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	19.5	97		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	18.2	91		30 (10)	150 (173)
I.BLK-PP067817.D	PIBLK-PP067817.D	Tetrachloro-m-xylene	1	20	20.5	103		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4397**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP067817.D	PIBLK-PP067817.D	Decachlorobiphenyl	1	20	21.9	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.1	101		70 (60)	130 (140)
I.BLK-PP067829.D	PIBLK-PP067829.D	Decachlorobiphenyl	2	20	21.2	106		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.6	113		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.0	100		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.5	107		70 (60)	130 (140)
PB164139BL	PB164139BL	Tetrachloro-m-xylene	1	20	21.4	107		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	22.3	112		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	21.6	108		30 (10)	150 (173)
I.BLK-PP067844.D	PIBLK-PP067844.D	Tetrachloro-m-xylene	1	20	21.4	107		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.9	115		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.3	101		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.5	108		70 (60)	130 (140)
PB164139BS	PB164139BS	Tetrachloro-m-xylene	1	20	21.9	110		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	23.5	117		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	22.4	112		30 (10)	150 (173)
PB164139BSD	PB164139BSD	Tetrachloro-m-xylene	1	20	20.4	102		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	21.9	110		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.5	92		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	21.0	105		30 (10)	150 (173)
I.BLK-PP067866.D	PIBLK-PP067866.D	Tetrachloro-m-xylene	1	20	21.1	106		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.2	111		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.1	100		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.8	104		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP067810.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	WB-301-BOTMS											
P4397-02MS	AR1016	219	0	247	ug/kg	113				40 (55)	140 (146)	
	AR1260	219	0	210	ug/kg	96				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP067811.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4397-02MSD	WB-301-BOTMSD											
	AR1016	218.9	0	246	ug/kg	112		1		40 (55)	140 (146)	30 (20)
	AR1260	218.9	0	211	ug/kg	96		0		40 (45)	140 (144)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PP067788.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164124BS	AR1016	166.5	153	ug/kg	92				40 (71)	140 (120)		
	AR1260	166.5	143	ug/kg	86				40 (65)	140 (130)		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP067845.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164139BS	AR1016	5	4.60	ug/L	92				40 (61)	140 (112)		
	AR1260	5	4.30	ug/L	86				40 (66)	140 (113)		



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP067846.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164139BSD	AR1016	5	4.30	ug/L	86	7			40 (61)	140 (112)	20 (20)
	AR1260	5	4.10	ug/L	82	5			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164124BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4397

SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164124BL

Lab File ID: PP067787.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/14/2024

Date Analyzed (1): 10/14/2024

Date Analyzed (2): 10/14/2024

Time Analyzed (1): 14:31

Time Analyzed (2): 14:31

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
PB164124BS	PB164124BS	PP067788.D	10/14/2024	10/14/2024
WB-301-TOP	P4397-01	PP067808.D	10/14/2024	10/14/2024
WB-301-BOT	P4397-02	PP067809.D	10/14/2024	10/14/2024
WB-301-BOTMS	P4397-02MS	PP067810.D	10/14/2024	10/14/2024
WB-301-BOTMSD	P4397-02MSD	PP067811.D	10/14/2024	10/14/2024

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164139BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4397

SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164139BL

Lab File ID: PP067838.D

Matrix: (soil/water) WATER

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/14/2024

Date Analyzed (1): 10/15/2024

Date Analyzed (2): 10/15/2024

Time Analyzed (1): 13:16

Time Analyzed (2): 13:16

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
WB-301-SW	P4397-04	PP067812.D	10/14/2024	10/14/2024
PB164139BS	PB164139BS	PP067845.D	10/15/2024	10/15/2024
PB164139BSD	PB164139BSD	PP067846.D	10/15/2024	10/15/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164124BL	SDG No.:	P4397
Lab Sample ID:	PB164124BL	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
PP067787.D	1	10/14/24 10:05	10/14/24 14:31	PB164124

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	19.0		30 (32) - 150 (144)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		30 (32) - 150 (175)	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

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:	PB164139BL		SDG No.:	P4397	
Lab Sample ID:	PB164139BL		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
PP067838.D	1	10/14/24 13:15	10/15/24 13:16	PB164139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (10) - 150 (157)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		30 (10) - 150 (173)	112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/08/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/08/24	
Client Sample ID:	PIBLK-PP067586.D		SDG No.:	P4397	
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:	10/14/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/14/24	
Client Sample ID:	PIBLK-PP067778.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067778.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
PP067778.D	1		10/14/24	PP101424

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	18.8		70 (60) - 130 (140)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		70 (60) - 130 (140)	103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/14/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/14/24	
Client Sample ID:	PIBLK-PP067792.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067792.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
PP067792.D	1		10/14/24	PP101424

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	19.1		70 (60) - 130 (140)	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		70 (60) - 130 (140)	100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/14/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/14/24	
Client Sample ID:	PIBLK-PP067817.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067817.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
PP067817.D	1		10/14/24	PP101424

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	20.1		70 (60) - 130 (140)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		70 (60) - 130 (140)	106%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/15/24	
Client Sample ID:	PIBLK-PP067829.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067829.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
PP067829.D	1		10/15/24	PP101524

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	20.0		70 (60) - 130 (140)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		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:	10/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/15/24	
Client Sample ID:	PIBLK-PP067844.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067844.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
PP067844.D	1		10/15/24	PP101524

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	20.3		70 (60) - 130 (140)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		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:	10/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/15/24	
Client Sample ID:	PIBLK-PP067866.D		SDG No.:	P4397	
Lab Sample ID:	I.BLK-PP067866.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
PP067866.D	1		10/15/24	PP101524

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	20.1		70 (60) - 130 (140)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		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:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164124BS		SDG No.:	P4397	
Lab Sample ID:	PB164124BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP067788.D	1	10/14/24 10:05	10/14/24 14:48	PB164124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	153		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	143		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		30 (32) - 150 (175)	107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164139BS		SDG No.:	P4397	
Lab Sample ID:	PB164139BS		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
PP067845.D	1	10/14/24 13:15	10/15/24 15:09	PB164139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.60		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	4.30		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		30 (10) - 150 (157)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		30 (10) - 150 (173)	117%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164139BSD		SDG No.:	P4397	
Lab Sample ID:	PB164139BSD		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
PP067846.D	1	10/14/24 13:15	10/15/24 15:25	PB164139

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	4.10		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		30 (10) - 150 (157)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		30 (10) - 150 (173)	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:	10/10/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/11/24	
Client Sample ID:	WB-301-BOTMS		SDG No.:	P4397	
Lab Sample ID:	P4397-02MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	76	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
PP067810.D	1	10/14/24 10:05	10/14/24 20:54	PB164124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	247		4.50	22.3	ug/kg
11104-28-2	Aroclor-1221	8.40	U	8.40	22.3	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.3	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.3	ug/kg
12672-29-6	Aroclor-1248	10.4	U	10.4	22.3	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	22.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	22.3	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	22.3	ug/kg
11096-82-5	Aroclor-1260	210		3.80	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.3		30 (32) - 150 (144)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		30 (32) - 150 (175)	100%	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:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-02MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	76
Sample Wt/Vol:	30.06	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
PP067811.D	1	10/14/24 10:05	10/14/24 21:10	PB164124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	246		4.50	22.3	ug/kg
11104-28-2	Aroclor-1221	8.40	U	8.40	22.3	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.3	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.3	ug/kg
12672-29-6	Aroclor-1248	10.4	U	10.4	22.3	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	22.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	22.3	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	22.3	ug/kg
11096-82-5	Aroclor-1260	211		3.80	22.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.8		30 (32) - 150 (144)	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		30 (32) - 150 (175)	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

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.: P4397 SAS No.: P4397 SDG NO.: P4397

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 = PP067587.D RT 750 = PP067588.D

RT 500 = PP067589.D RT 250 = PP067590.D RT 050 = PP067591.D

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.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

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.: P4397 SAS No.: P4397 SDG NO.: P4397

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.: P4397 SAS No.: P4397 SDG NO.: P4397

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.: P4397 SAS No.: P4397 SDG NO.: P4397

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.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 09:11 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)	7.53	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)	8.72	8.71	8.61	8.81	-0.01
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.68	10.67	10.57	10.77	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 09:11 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		9.22	9.22	9.12	9.32	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL01 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067774.D Time Analyzed: 09:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.922	5.819	6.019	511.340	500.000	2.3
Aroclor-1016-2	5.944	5.842	6.042	500.800	500.000	0.2
Aroclor-1016-3	6.008	5.905	6.105	508.780	500.000	1.8
Aroclor-1016-4	6.106	6.003	6.203	496.670	500.000	-0.7
Aroclor-1016-5	6.400	6.298	6.498	499.480	500.000	-0.1
Aroclor-1260-1	7.525	7.422	7.622	473.850	500.000	-5.2
Aroclor-1260-2	7.778	7.675	7.875	484.720	500.000	-3.1
Aroclor-1260-3	8.140	8.037	8.237	468.630	500.000	-6.3
Aroclor-1260-4	8.378	8.275	8.475	474.560	500.000	-5.1
Aroclor-1260-5	8.716	8.612	8.812	488.110	500.000	-2.4
Decachlorobiphenyl	10.677	10.569	10.769	47.100	50.000	-5.8
Tetrachloro-m-xylene	4.757	4.655	4.855	51.370	50.000	2.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL01 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067774.D Time Analyzed: 09:11

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.161	5.061	5.261	491.340	500.000	-1.7
Aroclor-1016-2	5.181	5.081	5.281	491.950	500.000	-1.6
Aroclor-1016-3	5.362	5.262	5.462	501.590	500.000	0.3
Aroclor-1016-4	5.401	5.301	5.501	493.990	500.000	-1.2
Aroclor-1016-5	5.621	5.520	5.720	489.800	500.000	-2.0
Aroclor-1260-1	6.664	6.564	6.764	467.300	500.000	-6.5
Aroclor-1260-2	6.851	6.750	6.950	468.690	500.000	-6.3
Aroclor-1260-3	7.009	6.908	7.108	470.960	500.000	-5.8
Aroclor-1260-4	7.484	7.383	7.583	462.780	500.000	-7.4
Aroclor-1260-5	7.722	7.622	7.822	460.480	500.000	-7.9
Decachlorobiphenyl	9.220	9.119	9.319	46.320	50.000	-7.4
Tetrachloro-m-xylene	4.052	3.952	4.152	50.190	50.000	0.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 15:36 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)	7.53	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.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 15:36 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)	6.67	6.66	6.56	6.76	-0.01
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)	7.49	7.48	7.38	7.58	-0.01
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		9.22	9.22	9.12	9.32	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL02 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067791.D Time Analyzed: 15:36

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.921	5.819	6.019	532.300	500.000	6.5
Aroclor-1016-2	5.944	5.842	6.042	494.450	500.000	-1.1
Aroclor-1016-3	6.007	5.905	6.105	488.800	500.000	-2.2
Aroclor-1016-4	6.105	6.003	6.203	474.520	500.000	-5.1
Aroclor-1016-5	6.400	6.298	6.498	486.600	500.000	-2.7
Aroclor-1260-1	7.525	7.422	7.622	462.200	500.000	-7.6
Aroclor-1260-2	7.777	7.675	7.875	466.570	500.000	-6.7
Aroclor-1260-3	8.139	8.037	8.237	471.690	500.000	-5.7
Aroclor-1260-4	8.378	8.275	8.475	473.740	500.000	-5.3
Aroclor-1260-5	8.714	8.612	8.812	481.620	500.000	-3.7
Decachlorobiphenyl	10.673	10.569	10.769	49.040	50.000	-1.9
Tetrachloro-m-xylene	4.757	4.655	4.855	51.490	50.000	3.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL02 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067791.D Time Analyzed: 15:36

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.162	5.061	5.261	475.030	500.000	-5.0
Aroclor-1016-2	5.182	5.081	5.281	474.360	500.000	-5.1
Aroclor-1016-3	5.362	5.262	5.462	480.490	500.000	-3.9
Aroclor-1016-4	5.402	5.301	5.501	476.100	500.000	-4.8
Aroclor-1016-5	5.621	5.520	5.720	491.940	500.000	-1.6
Aroclor-1260-1	6.666	6.564	6.764	446.780	500.000	-10.6
Aroclor-1260-2	6.852	6.750	6.950	459.610	500.000	-8.1
Aroclor-1260-3	7.009	6.908	7.108	462.740	500.000	-7.5
Aroclor-1260-4	7.485	7.383	7.583	462.720	500.000	-7.5
Aroclor-1260-5	7.723	7.622	7.822	462.990	500.000	-7.4
Decachlorobiphenyl	9.219	9.119	9.319	46.670	50.000	-6.7
Tetrachloro-m-xylene	4.053	3.952	4.152	48.730	50.000	-2.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 22:04 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)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.00	6.01	5.91	6.11	0.01
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
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)	7.77	7.78	7.68	7.88	0.01
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.37	8.38	8.28	8.48	0.01
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.76	4.66	4.86	0.01
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/14/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 22:04 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		9.22	9.22	9.12	9.32	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL03 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067813.D Time Analyzed: 22:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.917	5.819	6.019	515.980	500.000	3.2
Aroclor-1016-2	5.941	5.842	6.042	495.940	500.000	-0.8
Aroclor-1016-3	6.003	5.905	6.105	502.410	500.000	0.5
Aroclor-1016-4	6.102	6.003	6.203	490.930	500.000	-1.8
Aroclor-1016-5	6.396	6.298	6.498	491.780	500.000	-1.6
Aroclor-1260-1	7.520	7.422	7.622	467.330	500.000	-6.5
Aroclor-1260-2	7.773	7.675	7.875	471.760	500.000	-5.6
Aroclor-1260-3	8.135	8.037	8.237	472.990	500.000	-5.4
Aroclor-1260-4	8.373	8.275	8.475	466.590	500.000	-6.7
Aroclor-1260-5	8.710	8.612	8.812	473.370	500.000	-5.3
Decachlorobiphenyl	10.667	10.569	10.769	48.170	50.000	-3.7
Tetrachloro-m-xylene	4.754	4.655	4.855	50.940	50.000	1.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL03 Date Analyzed: 10/14/2024

Lab Sample No.: AR1660CCC500 Data File : PP067813.D Time Analyzed: 22:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.160	5.061	5.261	479.770	500.000	-4.0
Aroclor-1016-2	5.179	5.081	5.281	477.630	500.000	-4.5
Aroclor-1016-3	5.360	5.262	5.462	483.960	500.000	-3.2
Aroclor-1016-4	5.399	5.301	5.501	478.030	500.000	-4.4
Aroclor-1016-5	5.618	5.520	5.720	495.750	500.000	-0.9
Aroclor-1260-1	6.662	6.564	6.764	468.780	500.000	-6.2
Aroclor-1260-2	6.849	6.750	6.950	472.570	500.000	-5.5
Aroclor-1260-3	7.006	6.908	7.108	467.440	500.000	-6.5
Aroclor-1260-4	7.481	7.383	7.583	461.970	500.000	-7.6
Aroclor-1260-5	7.719	7.622	7.822	461.020	500.000	-7.8
Decachlorobiphenyl	9.215	9.119	9.319	46.350	50.000	-7.3
Tetrachloro-m-xylene	4.051	3.952	4.152	48.370	50.000	-3.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 09:43 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)	6.00	6.01	5.91	6.11	0.01
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
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)	7.77	7.78	7.68	7.88	0.01
Aroclor-1260-3	(3)	8.13	8.14	8.04	8.24	0.01
Aroclor-1260-4	(4)	8.37	8.38	8.28	8.48	0.01
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.76	4.66	4.86	0.01
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 09:43 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.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL04 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067825.D Time Analyzed: 09:43

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.918	5.819	6.019	504.470	500.000	0.9
Aroclor-1016-2	5.939	5.842	6.042	495.590	500.000	-0.9
Aroclor-1016-3	6.003	5.905	6.105	485.130	500.000	-3.0
Aroclor-1016-4	6.101	6.003	6.203	482.020	500.000	-3.6
Aroclor-1016-5	6.396	6.298	6.498	498.860	500.000	-0.2
Aroclor-1260-1	7.519	7.422	7.622	510.610	500.000	2.1
Aroclor-1260-2	7.773	7.675	7.875	497.120	500.000	-0.6
Aroclor-1260-3	8.134	8.037	8.237	496.870	500.000	-0.6
Aroclor-1260-4	8.372	8.275	8.475	488.420	500.000	-2.3
Aroclor-1260-5	8.709	8.612	8.812	491.890	500.000	-1.6
Decachlorobiphenyl	10.666	10.569	10.769	49.880	50.000	-0.2
Tetrachloro-m-xylene	4.754	4.655	4.855	51.640	50.000	3.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL04 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067825.D Time Analyzed: 09:43

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.160	5.061	5.261	484.180	500.000	-3.2
Aroclor-1016-2	5.180	5.081	5.281	485.730	500.000	-2.9
Aroclor-1016-3	5.360	5.262	5.462	495.670	500.000	-0.9
Aroclor-1016-4	5.399	5.301	5.501	489.210	500.000	-2.2
Aroclor-1016-5	5.618	5.520	5.720	537.700	500.000	7.5
Aroclor-1260-1	6.661	6.564	6.764	485.280	500.000	-2.9
Aroclor-1260-2	6.848	6.750	6.950	482.190	500.000	-3.6
Aroclor-1260-3	7.006	6.908	7.108	499.050	500.000	-0.2
Aroclor-1260-4	7.480	7.383	7.583	488.900	500.000	-2.2
Aroclor-1260-5	7.718	7.622	7.822	486.860	500.000	-2.6
Decachlorobiphenyl	9.214	9.119	9.319	48.300	50.000	-3.4
Tetrachloro-m-xylene	4.051	3.952	4.152	49.260	50.000	-1.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 13:48 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)	6.00	6.01	5.91	6.11	0.01
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
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)	7.77	7.78	7.68	7.88	0.01
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.37	8.38	8.28	8.48	0.01
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.76	4.66	4.86	0.01
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 13:48 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.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL05 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067840.D Time Analyzed: 13:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.917	5.819	6.019	517.170	500.000	3.4
Aroclor-1016-2	5.940	5.842	6.042	502.110	500.000	0.4
Aroclor-1016-3	6.003	5.905	6.105	503.950	500.000	0.8
Aroclor-1016-4	6.102	6.003	6.203	495.350	500.000	-0.9
Aroclor-1016-5	6.396	6.298	6.498	507.580	500.000	1.5
Aroclor-1260-1	7.520	7.422	7.622	502.050	500.000	0.4
Aroclor-1260-2	7.773	7.675	7.875	498.100	500.000	-0.4
Aroclor-1260-3	8.135	8.037	8.237	489.130	500.000	-2.2
Aroclor-1260-4	8.373	8.275	8.475	478.190	500.000	-4.4
Aroclor-1260-5	8.710	8.612	8.812	418.960	500.000	-16.2
Decachlorobiphenyl	10.668	10.569	10.769	49.470	50.000	-1.1
Tetrachloro-m-xylene	4.753	4.655	4.855	51.290	50.000	2.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL05 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067840.D Time Analyzed: 13:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.158	5.061	5.261	471.080	500.000	-5.8
Aroclor-1016-2	5.178	5.081	5.281	470.860	500.000	-5.8
Aroclor-1016-3	5.359	5.262	5.462	468.210	500.000	-6.4
Aroclor-1016-4	5.399	5.301	5.501	460.600	500.000	-7.9
Aroclor-1016-5	5.617	5.520	5.720	469.680	500.000	-6.1
Aroclor-1260-1	6.662	6.564	6.764	477.890	500.000	-4.4
Aroclor-1260-2	6.847	6.750	6.950	473.860	500.000	-5.2
Aroclor-1260-3	7.006	6.908	7.108	474.270	500.000	-5.1
Aroclor-1260-4	7.480	7.383	7.583	462.000	500.000	-7.6
Aroclor-1260-5	7.719	7.622	7.822	445.900	500.000	-10.8
Decachlorobiphenyl	9.214	9.119	9.319	47.090	50.000	-5.8
Tetrachloro-m-xylene	4.051	3.952	4.152	47.860	50.000	-4.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 20:42 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)	6.00	6.01	5.91	6.11	0.01
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
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)	7.77	7.78	7.68	7.88	0.01
Aroclor-1260-3	(3)	8.13	8.14	8.04	8.24	0.01
Aroclor-1260-4	(4)	8.37	8.38	8.28	8.48	0.01
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.75	4.76	4.66	4.86	0.01
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Continuing Calib Date: 10/15/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 20:42 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.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL06 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067865.D Time Analyzed: 20:42

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.917	5.819	6.019	531.810	500.000	6.4
Aroclor-1016-2	5.944	5.842	6.042	576.610	500.000	15.3
Aroclor-1016-3	6.003	5.905	6.105	520.950	500.000	4.2
Aroclor-1016-4	6.101	6.003	6.203	520.890	500.000	4.2
Aroclor-1016-5	6.396	6.298	6.498	524.100	500.000	4.8
Aroclor-1260-1	7.520	7.422	7.622	489.810	500.000	-2.0
Aroclor-1260-2	7.772	7.675	7.875	485.520	500.000	-2.9
Aroclor-1260-3	8.134	8.037	8.237	485.080	500.000	-3.0
Aroclor-1260-4	8.372	8.275	8.475	484.150	500.000	-3.2
Aroclor-1260-5	8.710	8.612	8.812	486.460	500.000	-2.7
Decachlorobiphenyl	10.666	10.569	10.769	49.890	50.000	-0.2
Tetrachloro-m-xylene	4.753	4.655	4.855	52.150	50.000	4.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

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

Client Sample No.: CCAL06 Date Analyzed: 10/15/2024

Lab Sample No.: AR1660CCC500 Data File : PP067865.D Time Analyzed: 20:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.159	5.061	5.261	521.720	500.000	4.3
Aroclor-1016-2	5.179	5.081	5.281	506.320	500.000	1.3
Aroclor-1016-3	5.359	5.262	5.462	547.220	500.000	9.4
Aroclor-1016-4	5.398	5.301	5.501	530.880	500.000	6.2
Aroclor-1016-5	5.618	5.520	5.720	554.590	500.000	10.9
Aroclor-1260-1	6.661	6.564	6.764	479.920	500.000	-4.0
Aroclor-1260-2	6.847	6.750	6.950	477.330	500.000	-4.5
Aroclor-1260-3	7.006	6.908	7.108	475.190	500.000	-5.0
Aroclor-1260-4	7.480	7.383	7.583	467.600	500.000	-6.5
Aroclor-1260-5	7.718	7.622	7.822	468.400	500.000	-6.3
Decachlorobiphenyl	9.213	9.119	9.319	46.520	50.000	-7.0
Tetrachloro-m-xylene	4.051	3.952	4.152	50.900	50.000	1.8

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4397
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/08/2024 10/08/2024

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	10/08/2024	16:14	PP067586.D	10.67	4.75
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	10/14/2024	09:11	PP067774.D	10.68	4.76
IBLK	IBLK	10/14/2024	11:21	PP067778.D	10.67	4.76
PB164124BL	PB164124BL	10/14/2024	14:31	PP067787.D	10.67	4.76
PB164124BS	PB164124BS	10/14/2024	14:48	PP067788.D	10.68	4.76
AR1660CCC500	AR1660CCC500	10/14/2024	15:36	PP067791.D	10.67	4.76
IBLK	IBLK	10/14/2024	15:52	PP067792.D	10.67	4.76
WB-301-TOP	P4397-01	10/14/2024	20:22	PP067808.D	10.67	4.76
WB-301-BOT	P4397-02	10/14/2024	20:38	PP067809.D	10.67	4.76
WB-301-BOTMS	P4397-02MS	10/14/2024	20:54	PP067810.D	10.67	4.76
WB-301-BOTMSD	P4397-02MSD	10/14/2024	21:10	PP067811.D	10.67	4.75
WB-301-SW	P4397-04	10/14/2024	21:26	PP067812.D	10.67	4.76
AR1660CCC500	AR1660CCC500	10/14/2024	22:04	PP067813.D	10.67	4.75
IBLK	IBLK	10/14/2024	23:09	PP067817.D	10.67	4.76

Analytical Sequence

AR1660CCC500	AR1660CCC500	10/15/2024	09:43	PP067825.D	10.67	4.75
LBLK	LBLK	10/15/2024	10:47	PP067829.D	10.67	4.75
PB164139BL	PB164139BL	10/15/2024	13:16	PP067838.D	10.67	4.75
AR1660CCC500	AR1660CCC500	10/15/2024	13:48	PP067840.D	10.67	4.75
LBLK	LBLK	10/15/2024	14:53	PP067844.D	10.67	4.76
PB164139BS	PB164139BS	10/15/2024	15:09	PP067845.D	10.67	4.75
PB164139BSD	PB164139BSD	10/15/2024	15:25	PP067846.D	10.67	4.76
AR1660CCC500	AR1660CCC500	10/15/2024	20:42	PP067865.D	10.67	4.75
LBLK	LBLK	10/15/2024	20:58	PP067866.D	10.67	4.75

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4397
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/08/2024 10/08/2024

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	10/08/2024	16:14	PP067586.D	9.22	4.05
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	10/14/2024	09:11	PP067774.D	9.22	4.05
IBLK	IBLK	10/14/2024	11:21	PP067778.D	9.22	4.05
PB164124BL	PB164124BL	10/14/2024	14:31	PP067787.D	9.22	4.05
PB164124BS	PB164124BS	10/14/2024	14:48	PP067788.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/14/2024	15:36	PP067791.D	9.22	4.05
IBLK	IBLK	10/14/2024	15:52	PP067792.D	9.22	4.05
WB-301-TOP	P4397-01	10/14/2024	20:22	PP067808.D	9.22	4.05
WB-301-BOT	P4397-02	10/14/2024	20:38	PP067809.D	9.22	4.05
WB-301-BOTMS	P4397-02MS	10/14/2024	20:54	PP067810.D	9.22	4.05
WB-301-BOTMSD	P4397-02MSD	10/14/2024	21:10	PP067811.D	9.22	4.05
WB-301-SW	P4397-04	10/14/2024	21:26	PP067812.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/14/2024	22:04	PP067813.D	9.22	4.05
IBLK	IBLK	10/14/2024	23:09	PP067817.D	9.22	4.05

Analytical Sequence

AR1660CCC500	AR1660CCC500	10/15/2024	09:43	PP067825.D	9.21	4.05
LBLK	LBLK	10/15/2024	10:47	PP067829.D	9.23	4.07
PB164139BL	PB164139BL	10/15/2024	13:16	PP067838.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/15/2024	13:48	PP067840.D	9.21	4.05
LBLK	LBLK	10/15/2024	14:53	PP067844.D	9.22	4.05
PB164139BS	PB164139BS	10/15/2024	15:09	PP067845.D	9.21	4.05
PB164139BSD	PB164139BSD	10/15/2024	15:25	PP067846.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/15/2024	20:42	PP067865.D	9.21	4.05
LBLK	LBLK	10/15/2024	20:58	PP067866.D	9.21	4.05

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164124BS

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164124BS Date(s) Analyzed: 10/14/2024 10/14/2024

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 PP067788.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.922	5.872	5.972	157	153	6.06
COLUMN 1	2	5.945	5.895	5.995	152		
	3	6.008	5.958	6.058	156		
	4	6.106	6.056	6.156	153		
	5	6.4	6.35	6.45	147		
	1	5.162	5.112	5.212	146		
COLUMN 2	2	5.182	5.132	5.232	145	144	
	3	5.363	5.313	5.413	146		
	4	5.402	5.352	5.452	143		
	5	5.621	5.571	5.671	141		
Aroclor-1260	1	7.525	7.475	7.575	153	143	1.41
COLUMN 1	2	7.778	7.728	7.828	153		
	3	8.14	8.09	8.19	134		
	4	8.378	8.328	8.428	140		
	5	8.716	8.666	8.766	134		
	1	6.666	6.616	6.716	148	141	
COLUMN 2	2	6.852	6.802	6.902	148		
	3	7.01	6.96	7.06	147		
	4	7.485	7.435	7.535	130		
	5	7.723	7.673	7.773	130		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WB-301-BOTMS

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: P4397-02MS Date(s) Analyzed: 10/14/2024 10/14/2024

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 PP067810.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.919	5.869	5.969	259	247	3.29
COLUMN 1	2	5.941	5.891	5.991	243		
	3	6.004	5.954	6.054	245		
	4	6.102	6.052	6.152	242		
	5	6.397	6.347	6.447	245		
	1	5.159	5.109	5.209	251		
COLUMN 2	2	5.179	5.129	5.229	242	239	
	3	5.36	5.31	5.41	251		
	4	5.399	5.349	5.449	236		
	5	5.618	5.568	5.668	217		
Aroclor-1260	1	7.522	7.472	7.572	229	207	1.44
COLUMN 1	2	7.776	7.726	7.826	222		
	3	8.136	8.086	8.186	189		
	4	8.375	8.325	8.425	198		
	5	8.712	8.662	8.762	198		
	1	6.662	6.612	6.712	220		
COLUMN 2	2	6.849	6.799	6.899	223	210	
	3	7.006	6.956	7.056	223		
	4	7.481	7.431	7.531	190		
	5	7.719	7.669	7.769	191		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WB-301-BOTMSD

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: P4397-02MSD Date(s) Analyzed: 10/14/2024 10/14/2024

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 PP067811.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.918	5.868	5.968	255	246	4.15
COLUMN 1	2	5.94	5.89	5.99	239		
	3	6.004	5.954	6.054	245		
	4	6.102	6.052	6.152	245		
	5	6.396	6.346	6.446	248		
COLUMN 2	1	5.16	5.11	5.21	244	236	
	2	5.18	5.13	5.23	241		
	3	5.36	5.31	5.41	244		
	4	5.4	5.35	5.45	235		
	5	5.619	5.569	5.669	218		
Aroclor-1260	1	7.52	7.47	7.57	232	209	0.95
COLUMN 1	2	7.774	7.724	7.824	223		
	3	8.135	8.085	8.185	189		
	4	8.372	8.322	8.422	200		
	5	8.709	8.659	8.759	199		
COLUMN 2	1	6.663	6.613	6.713	221	211	
	2	6.849	6.799	6.899	223		
	3	7.007	6.957	7.057	224		
	4	7.482	7.432	7.532	192		
	5	7.719	7.669	7.769	194		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164139BS

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164139BS Date(s) Analyzed: 10/15/2024 10/15/2024

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 PP067845.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.916	5.866	5.966	4.69	4.60	9.09
COLUMN 1	2	5.938	5.888	5.988	4.65		
	3	6.003	5.953	6.053	4.60		
	4	6.101	6.051	6.151	4.46		
	5	6.395	6.345	6.445	4.45		
	1	5.159	5.109	5.209	4.24		
COLUMN 2	2	5.179	5.129	5.229	4.29	4.20	
	3	5.359	5.309	5.409	4.31		
	4	5.399	5.349	5.449	4.18		
	5	5.617	5.567	5.667	4.14		
Aroclor-1260	1	7.519	7.469	7.569	4.67	4.30	2.35
COLUMN 1	2	7.772	7.722	7.822	4.61		
	3	8.134	8.084	8.184	3.94		
	4	8.372	8.322	8.422	4.19		
	5	8.71	8.66	8.76	4.05		
	1	6.662	6.612	6.712	4.32		
COLUMN 2	2	6.848	6.798	6.898	4.33	4.20	
	3	7.005	6.955	7.055	4.38		
	4	7.48	7.43	7.53	3.87		
	5	7.719	7.669	7.769	3.93		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164139BSD

Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164139BSD Date(s) Analyzed: 10/15/2024 10/15/2024

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 PP067846.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.919	5.869	5.969	4.38	4.30	7.23
COLUMN 1	2	5.941	5.891	5.991	4.34		
	3	6.005	5.955	6.055	4.30		
	4	6.103	6.053	6.153	4.19		
	5	6.397	6.347	6.447	4.09		
	1	5.16	5.11	5.21	4.02		
COLUMN 2	2	5.18	5.13	5.23	4.02	4.00	
	3	5.36	5.31	5.41	4.10		
	4	5.4	5.35	5.45	3.98		
	5	5.618	5.568	5.668	3.92		
Aroclor-1260	1	7.521	7.471	7.571	4.46	4.10	5
COLUMN 1	2	7.775	7.725	7.825	4.33		
	3	8.136	8.086	8.186	3.72		
	4	8.374	8.324	8.424	3.95		
	5	8.712	8.662	8.762	3.79		
	1	6.662	6.612	6.712	4.11		
COLUMN 2	2	6.849	6.799	6.899	4.07	3.90	
	3	7.007	6.957	7.057	4.12		
	4	7.481	7.431	7.531	3.67		
	5	7.72	7.67	7.77	3.66		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
 Data File : PP067808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 20:22
 Operator : YP\AJ
 Sample : P4397-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-301-TOP

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:00:30 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...	4.755	4.051	14577869	15831979	15.749	15.669m
2) SA Decachlor...	10.668	9.216	16928146	15444554	14.703	13.772

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 20:22
Operator : YP\AJ
Sample : P4397-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WB-301-TOP

Manual Integrations

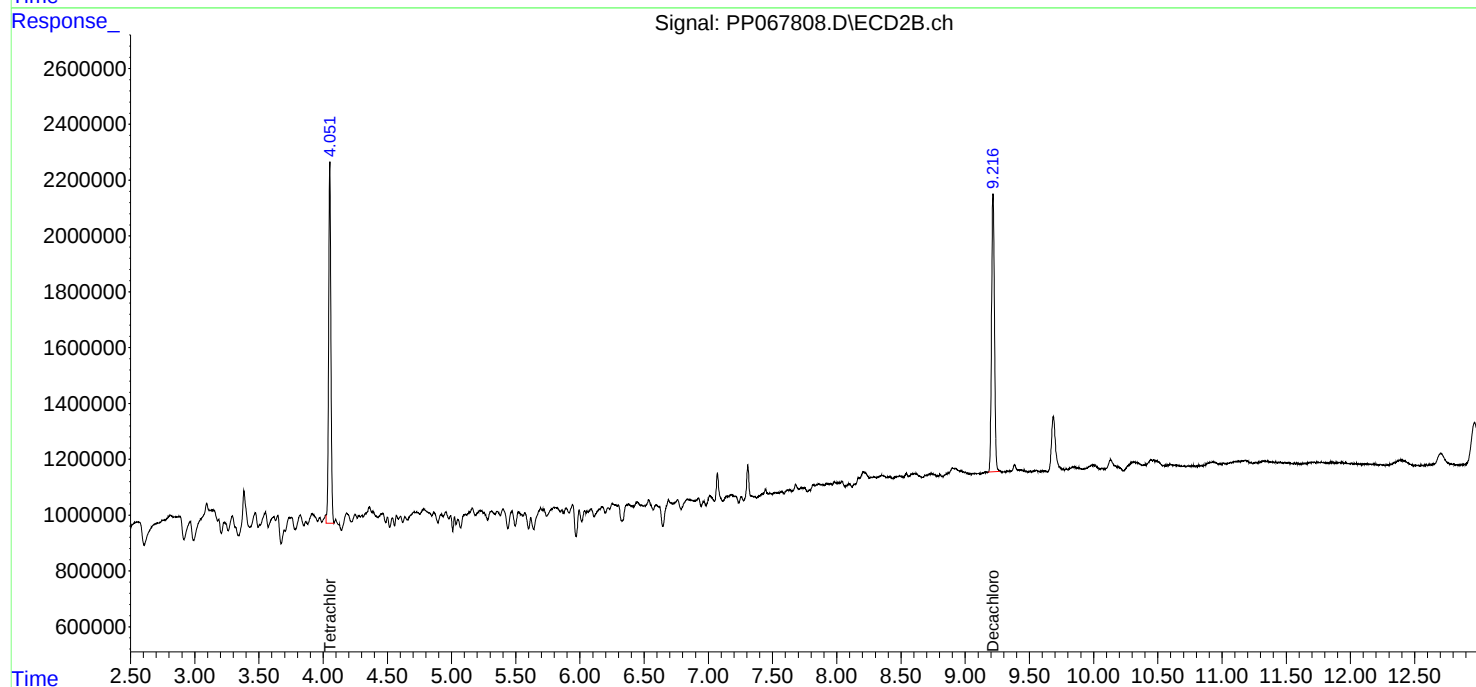
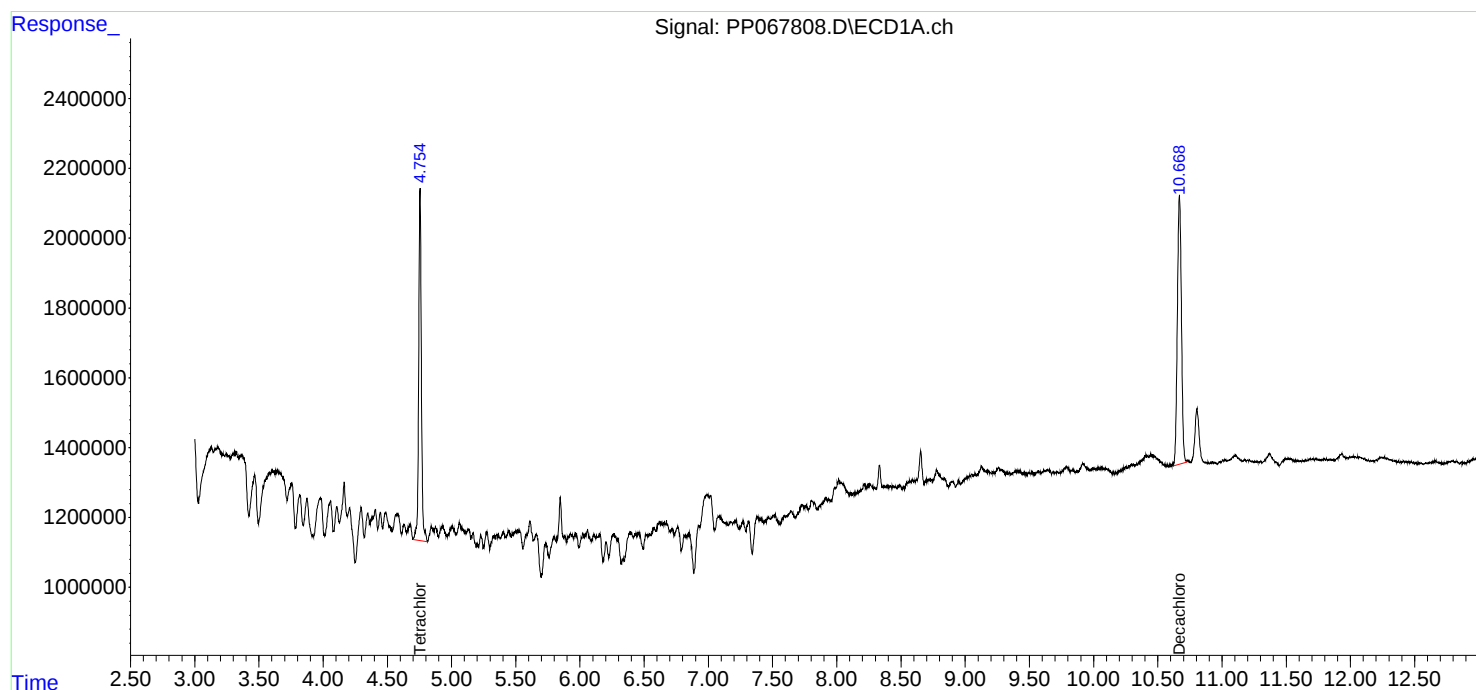
APPROVED

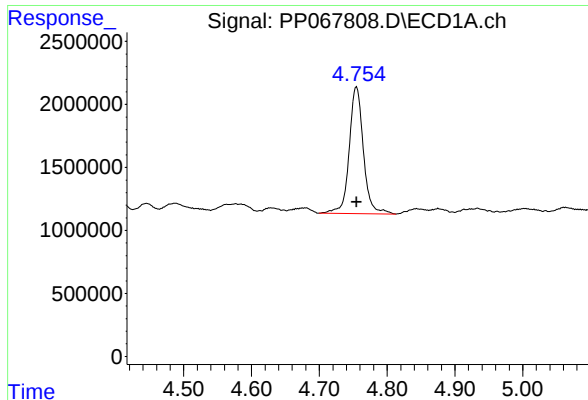
Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:00:30 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





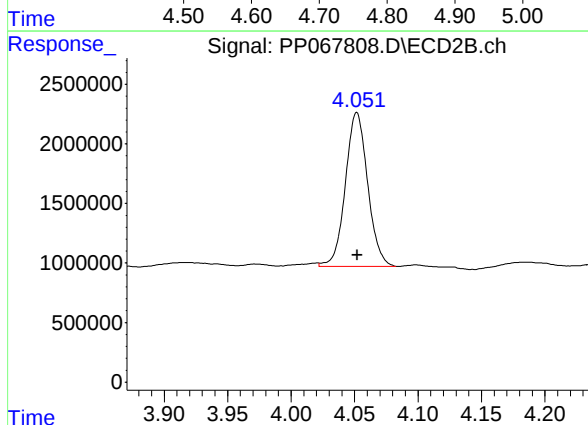
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 14577869
Conc: 15.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-301-TOP

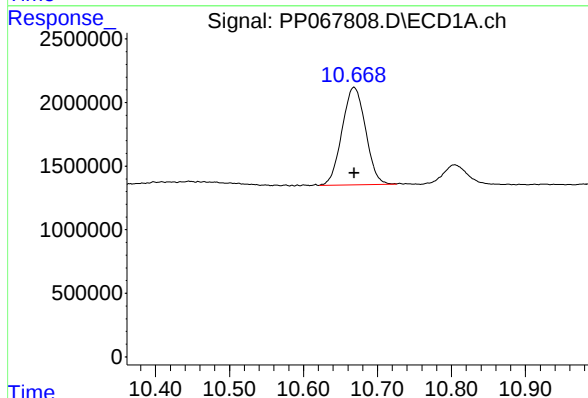
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :Ankita Jodhani 10/15/2024



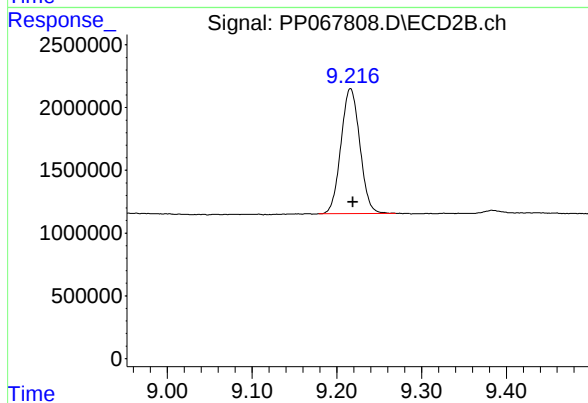
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 15831979
Conc: 15.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.668 min
Delta R.T.: 0.000 min
Response: 16928146
Conc: 14.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.216 min
Delta R.T.: -0.003 min
Response: 15444554
Conc: 13.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
 Data File : PP067809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 20:38
 Operator : YP\AJ
 Sample : P4397-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-301-BOT

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:01:08 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...	4.755	4.052	18965615	20485844	20.489	20.275
2) SA Decachlor...	10.670	9.217	19699653	17967135	17.111	16.021

Target Compounds

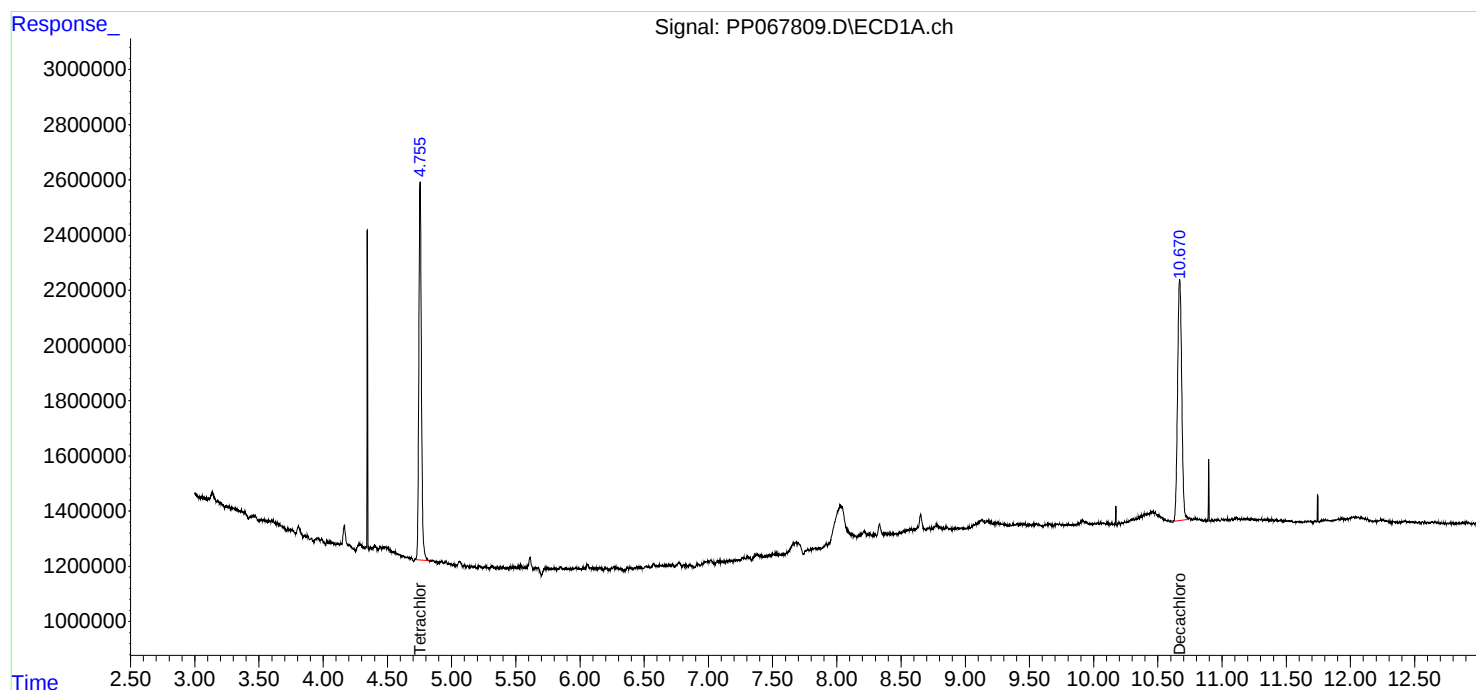
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

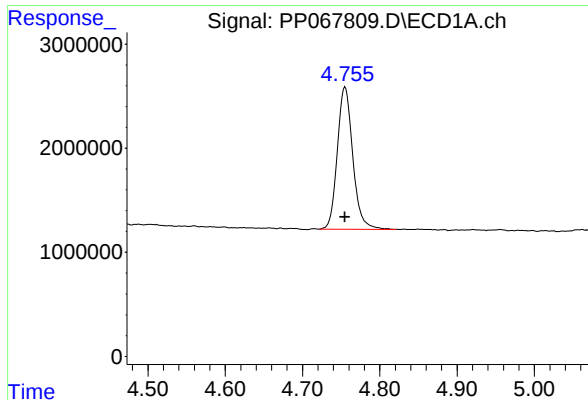
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 20:38
Operator : YP\AJ
Sample : P4397-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WB-301-BOT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:01:08 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

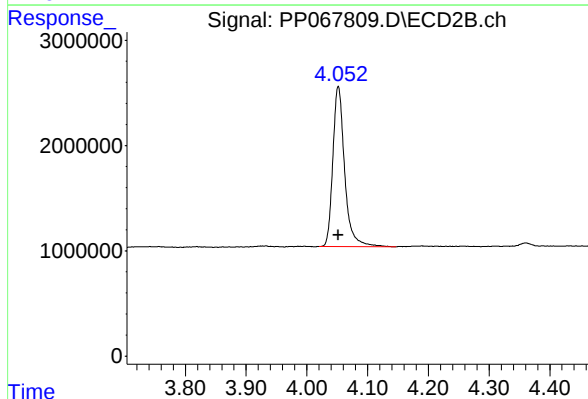




#1 Tetrachloro-m-xylene

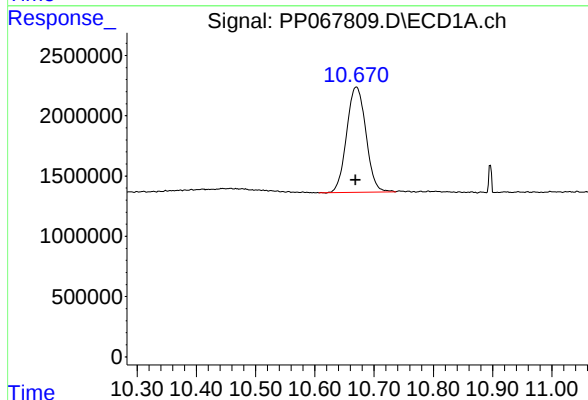
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 18965615
Conc: 20.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-301-BOT



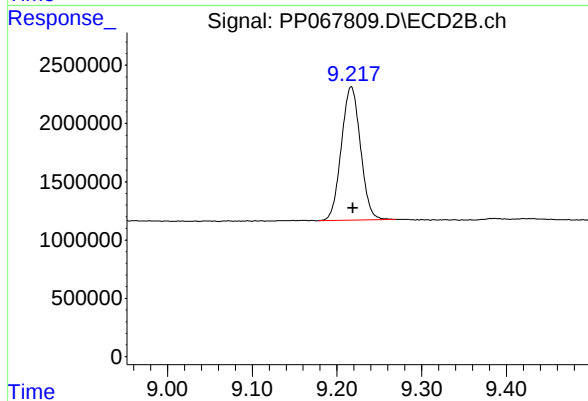
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 20485844
Conc: 20.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.001 min
Response: 19699653
Conc: 17.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.217 min
Delta R.T.: -0.002 min
Response: 17967135
Conc: 16.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
 Data File : PP067812.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 21:26
 Operator : YP\AJ
 Sample : P4397-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-301-SW

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:03:00 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...	4.755	4.052	19501118	20301118	21.068	20.092
2) SA Decachlor...	10.668	9.215	22429565	20453698	19.482	18.238

Target Compounds

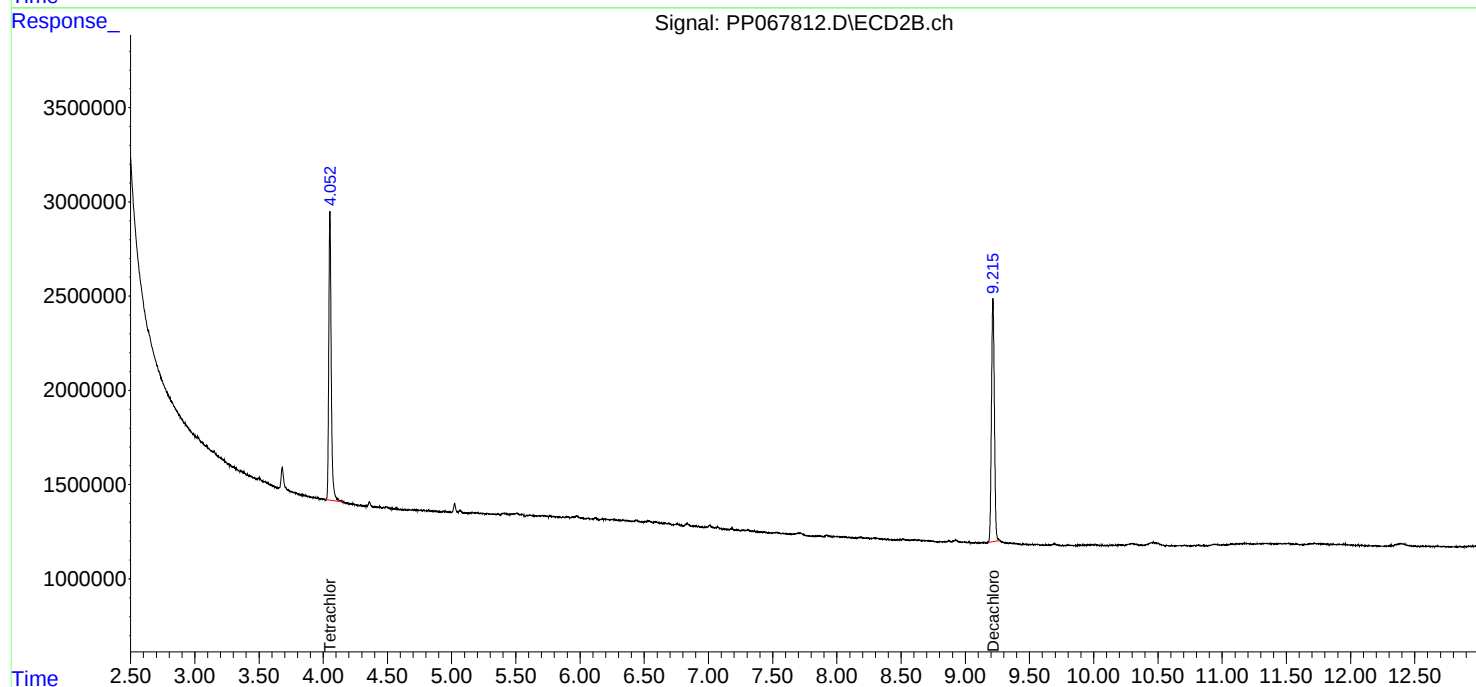
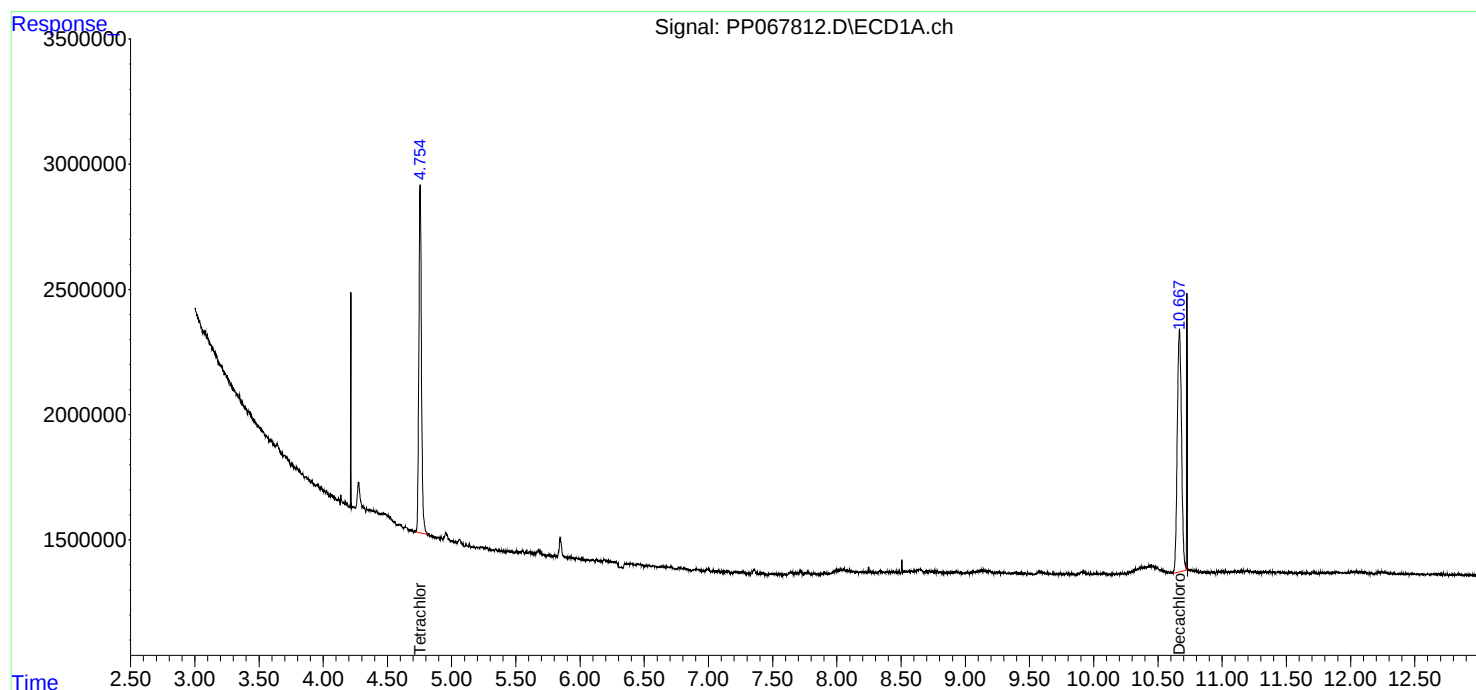
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

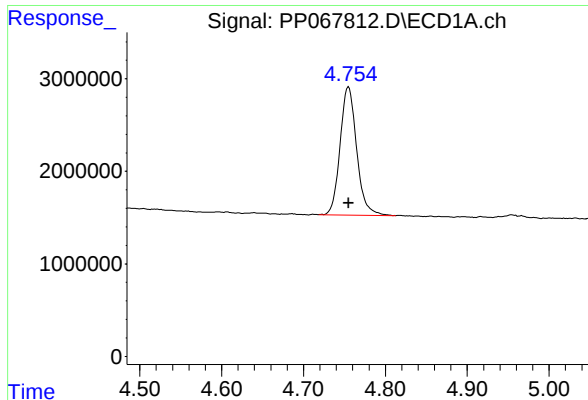
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067812.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 21:26
Operator : YP\AJ
Sample : P4397-04
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WB-301-SW

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:03:00 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

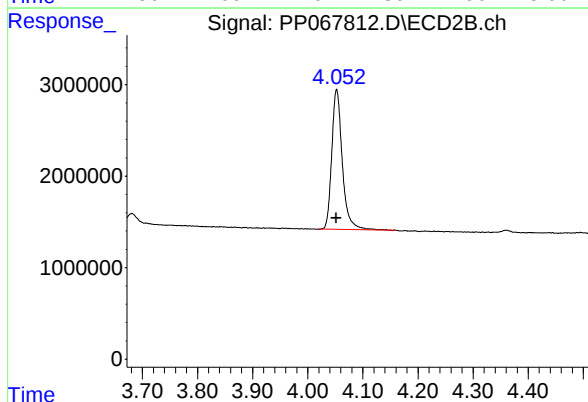




#1 Tetrachloro-m-xylene

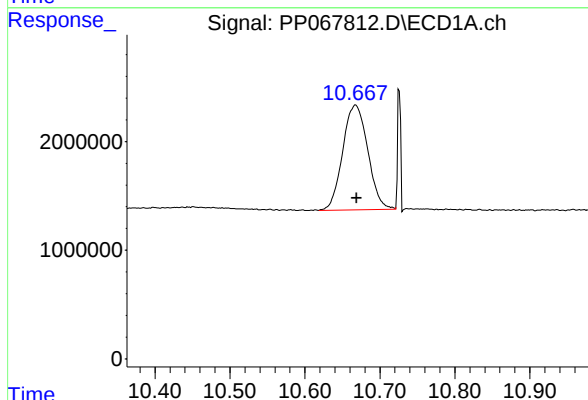
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 19501118
Conc: 21.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-301-SW



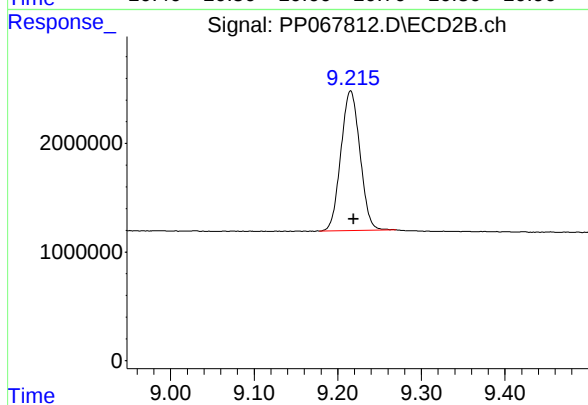
#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 20301118
Conc: 20.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.668 min
Delta R.T.: -0.001 min
Response: 22429565
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.215 min
Delta R.T.: -0.004 min
Response: 20453698
Conc: 18.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 14:31
Operator : YP\AJ
Sample : PB164124BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164124BL

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 16:08:50 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	4.053	17608248	18760186	19.023	18.567
2) SA Decachlor...	10.674	9.219	25622093	21714892	22.255	19.363

Target Compounds

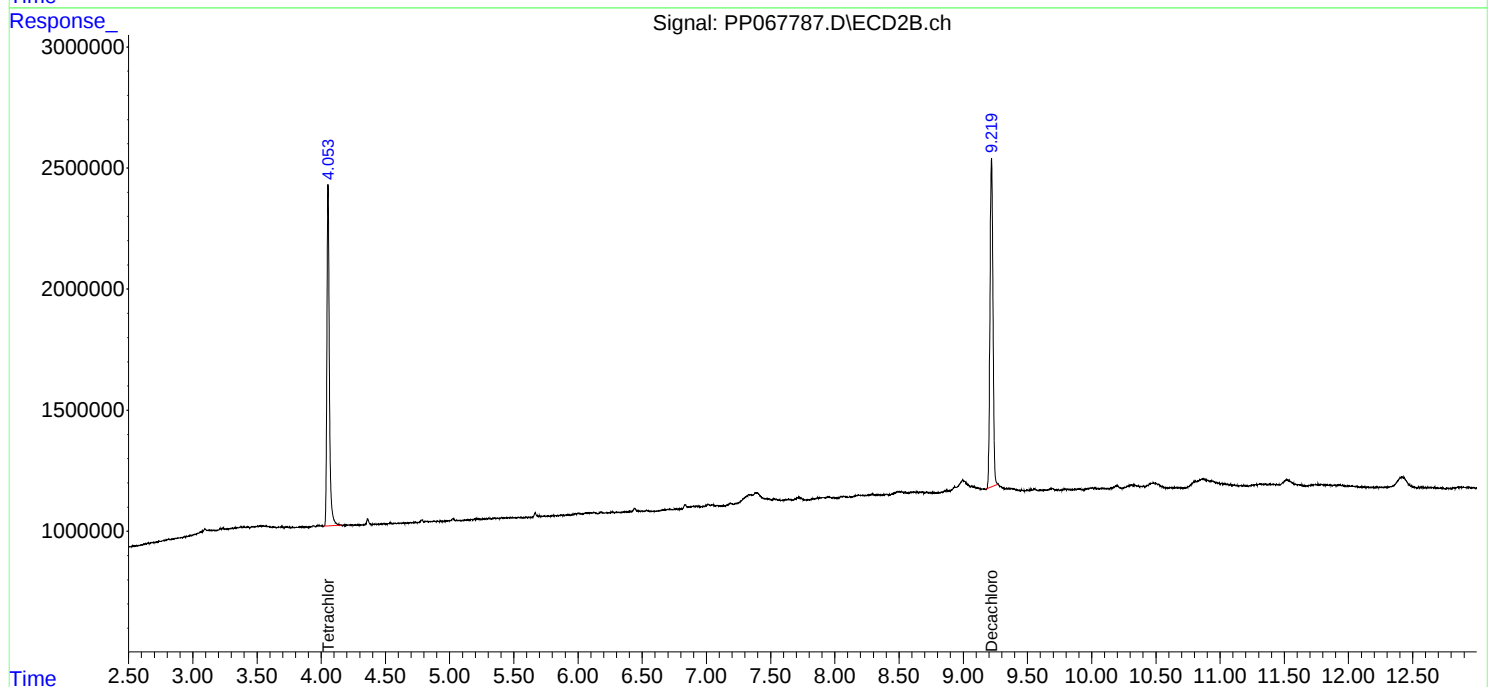
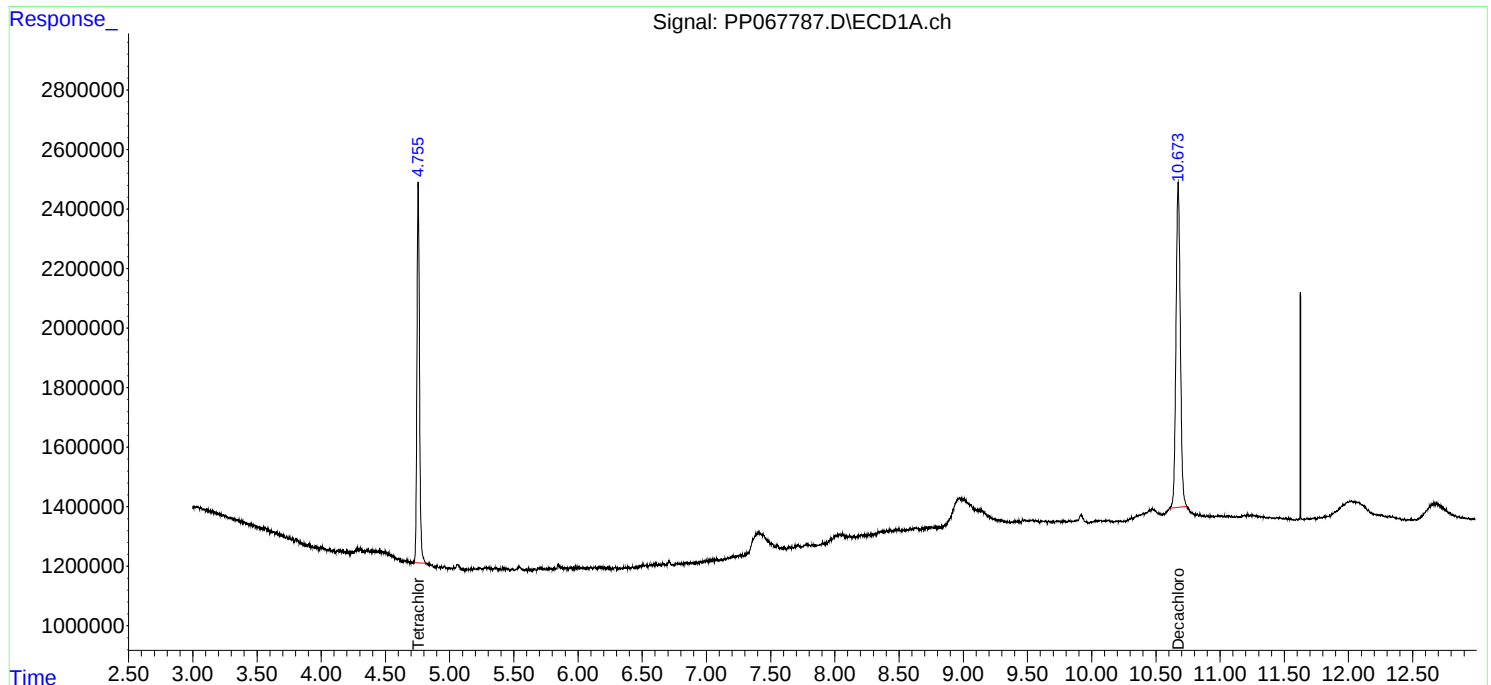
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

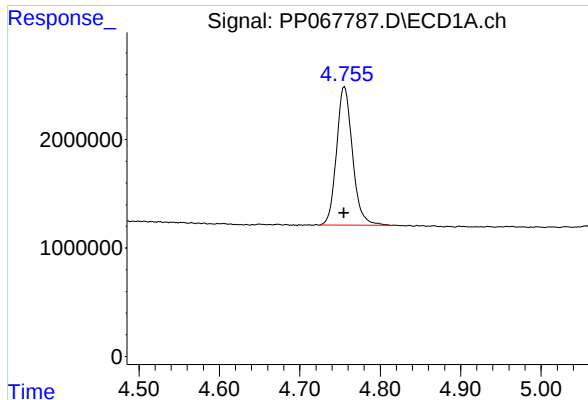
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 14:31
Operator : YP\AJ
Sample : PB164124BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164124BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 16:08:50 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

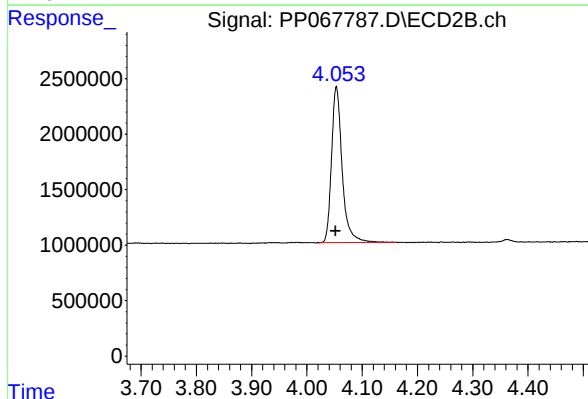




#1 Tetrachloro-m-xylene

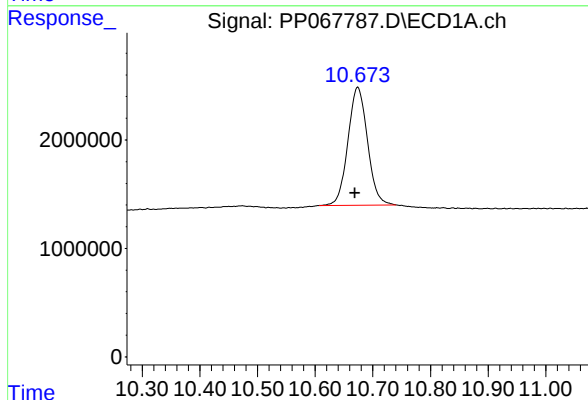
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 17608248
Conc: 19.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB164124BL



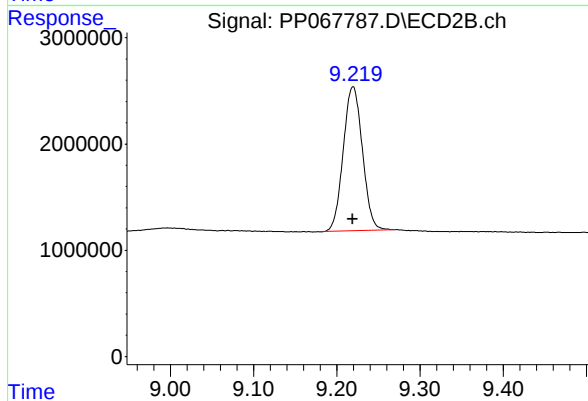
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.001 min
Response: 18760186
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.674 min
Delta R.T.: 0.005 min
Response: 25622093
Conc: 22.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.219 min
Delta R.T.: 0.000 min
Response: 21714892
Conc: 19.36 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
 Data File : PP067838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 13:16
 Operator : YP\AJ
 Sample : PB164139BL
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164139BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 13:46:00 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	4.051	19808127	20669800	21.399	20.457
2) SA Decachlor...	10.668	9.215	25676058	24216588	22.302	21.594

Target Compounds

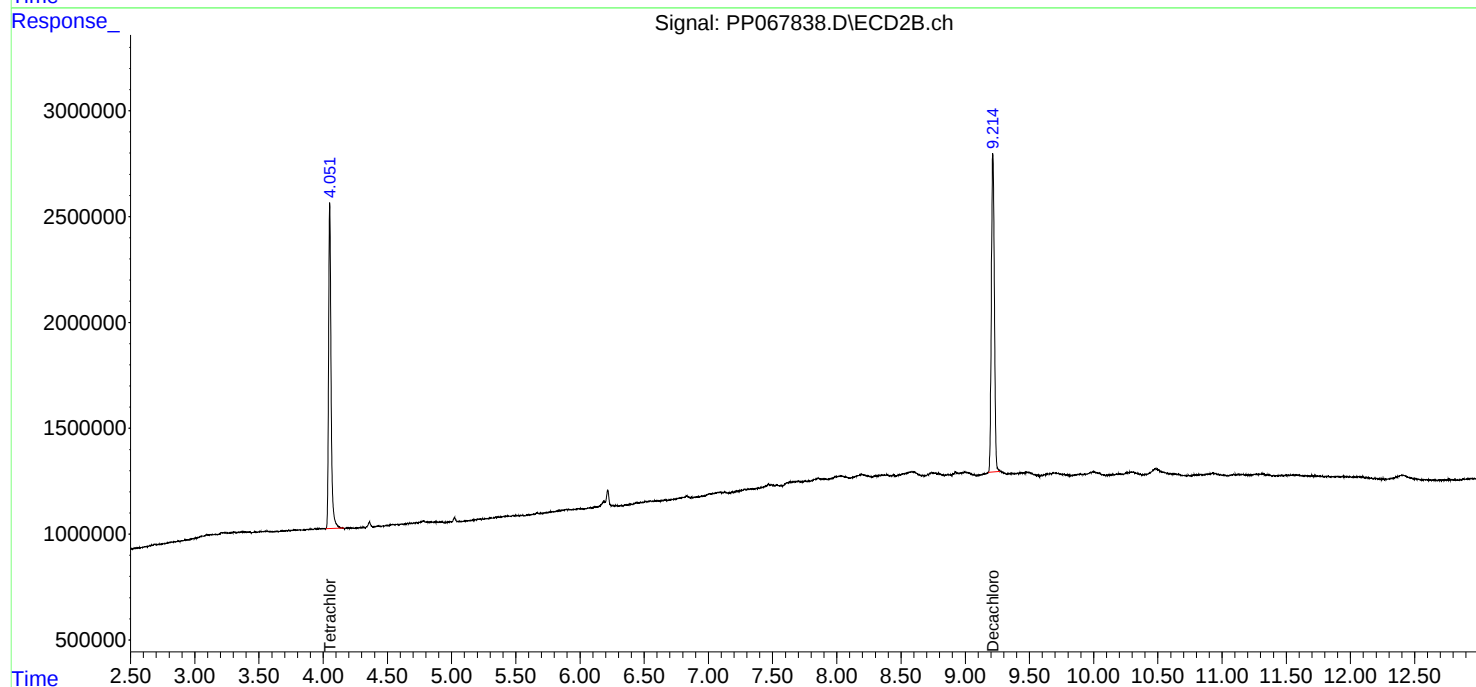
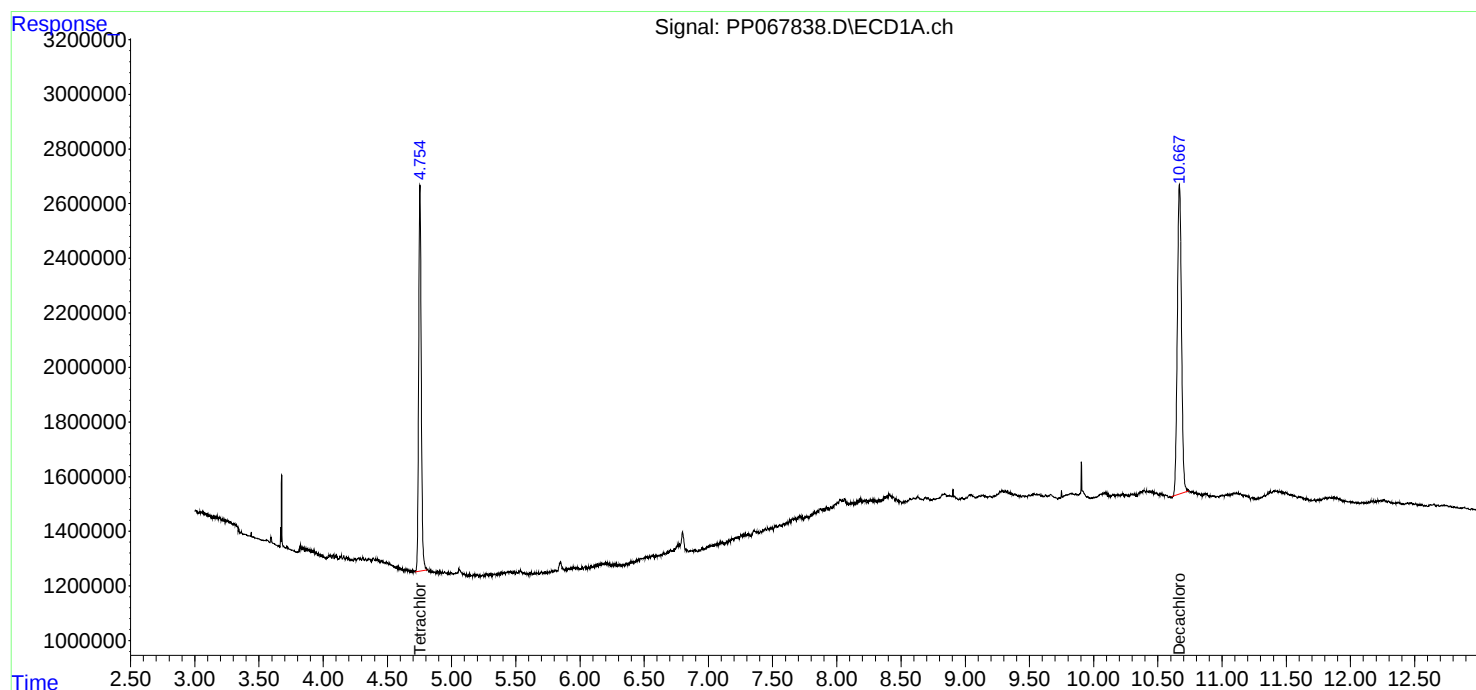
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

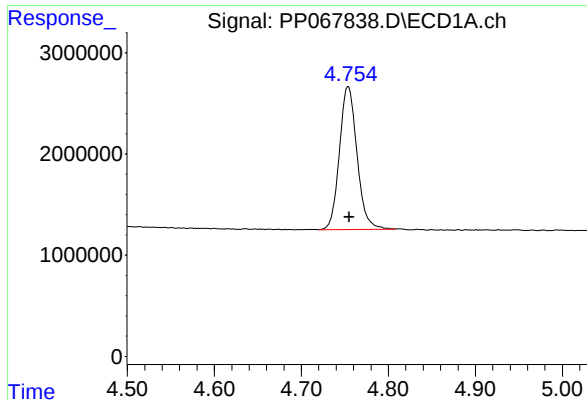
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
Data File : PP067838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 13:16
Operator : YP\AJ
Sample : PB164139BL
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164139BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 13:46:00 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

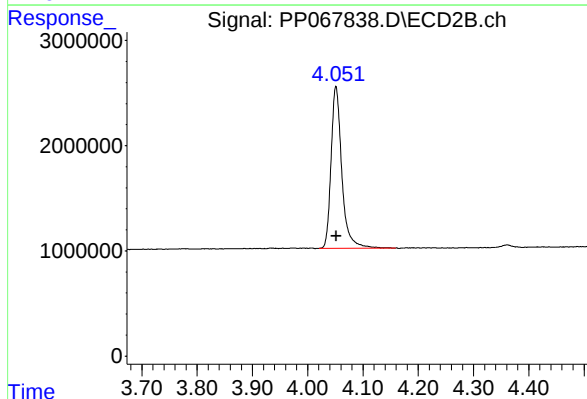




#1 Tetrachloro-m-xylene

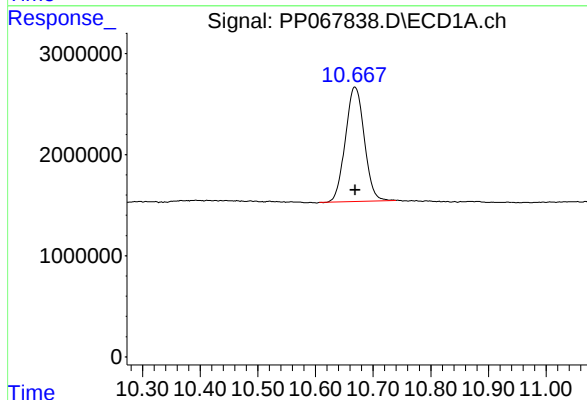
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 19808127
Conc: 21.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB164139BL



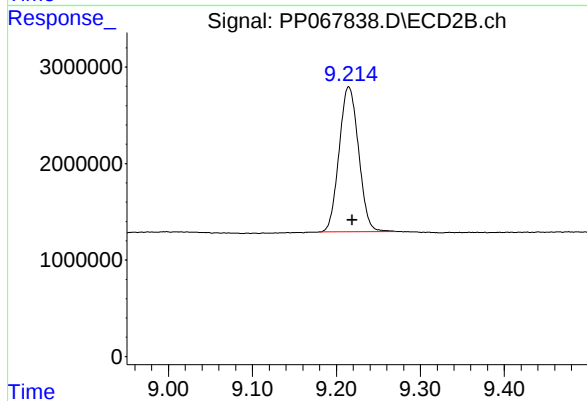
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 20669800
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.668 min
Delta R.T.: 0.000 min
Response: 25676058
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.215 min
Delta R.T.: -0.004 min
Response: 24216588
Conc: 21.59 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 14:48
Operator : YP\AJ
Sample : PB164124BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164124BS

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 16:09:34 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	4.054	18439882	18536253	19.921	18.345
2) SA Decachlor...	10.676	9.221	24582917	23012775	21.352	20.520
Target Compounds						
3) L1 AR-1016-1	5.922	5.162	15589578	15293231	471.459	437.109
4) L1 AR-1016-2	5.945	5.182	22242866	20983799	456.069	435.633
5) L1 AR-1016-3	6.008	5.363	14729990	11832676	467.441	439.264
6) L1 AR-1016-4	6.106	5.402	11796172	10368220	458.217	430.483
7) L1 AR-1016-5	6.400	5.621	11981034	12892384	442.645	423.954
31) L7 AR-1260-1	7.525	6.666	24760092	25241581	458.319	443.130
32) L7 AR-1260-2	7.778	6.852	29027175	29691121	458.777	445.115
33) L7 AR-1260-3	8.140	7.010	20842309	28204614	401.982	442.765
34) L7 AR-1260-4	8.378	7.485	25231915	21617239	419.174	390.960
35) L7 AR-1260-5	8.716	7.723	43256373	47874263	401.593	391.454

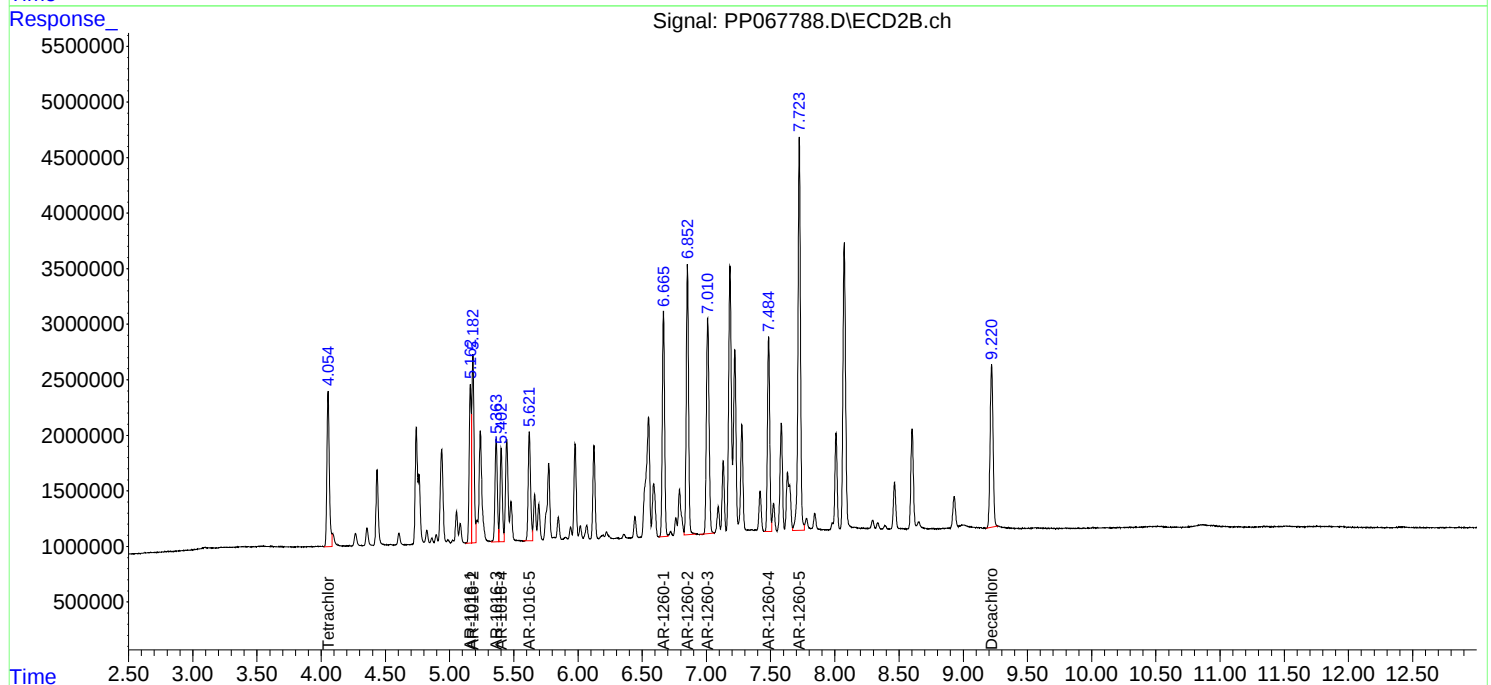
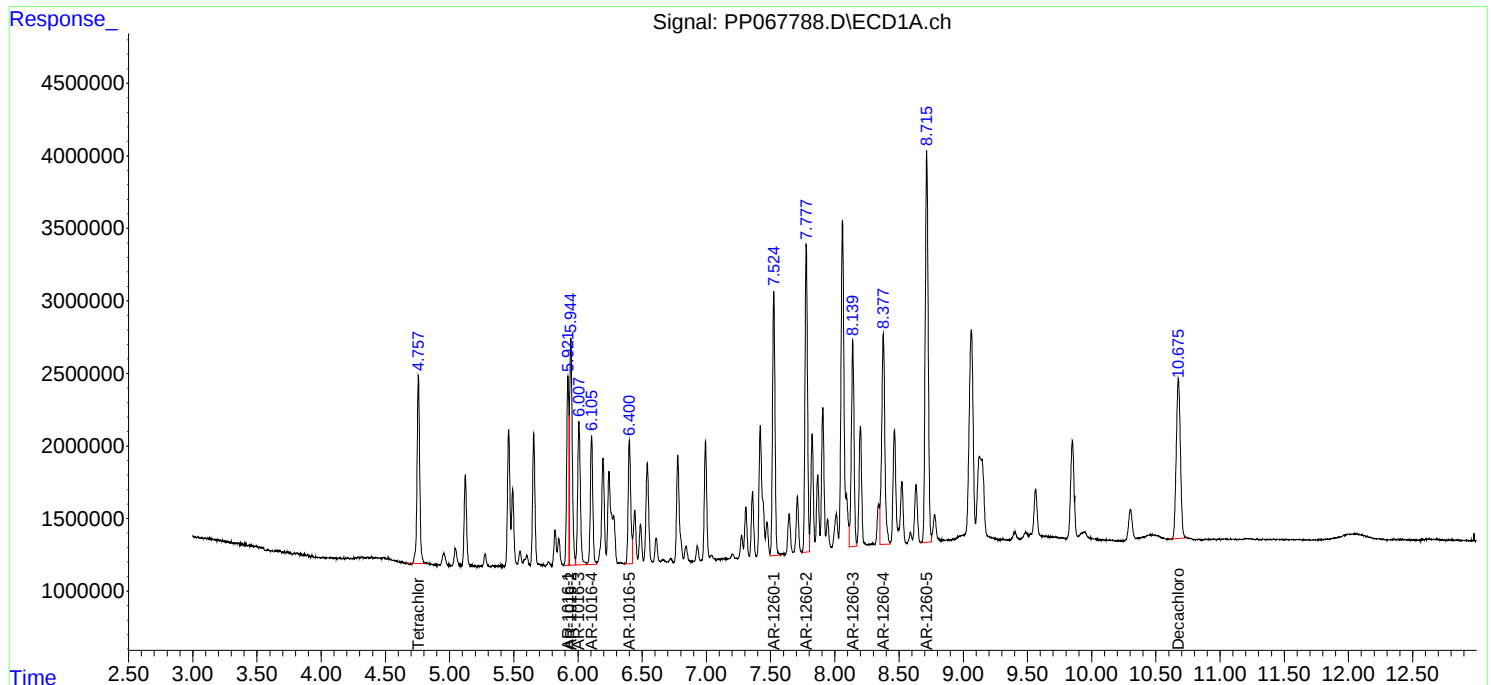
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 14:48
Operator : YP\AJ
Sample : PB164124BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164124BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 16:09:34 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
 Data File : PP067845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 15:09
 Operator : YP\AJ
 Sample : PB164139BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164139BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 15:50:17 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...	4.752	4.051	20299193	20946762	21.930	20.731
2) SA Decachlor...	10.668	9.214	27050049	25157992	23.495	22.433
Target Compounds						
3) L1 AR-1016-1	5.916	5.159	15511309	14849769	469.092	424.434
4) L1 AR-1016-2	5.938	5.179	22683435	20643794	465.102	428.574
5) L1 AR-1016-3	6.003	5.359	14494017	11605247	459.953	430.821
6) L1 AR-1016-4	6.101	5.399	11485856	10062360	446.163	417.783
7) L1 AR-1016-5	6.395	5.617	12039093	12577045	444.790	413.584
31) L7 AR-1260-1	7.519	6.662	25204684	24592027	466.549	431.727
32) L7 AR-1260-2	7.772	6.848	29160734	28872328	460.888	432.840
33) L7 AR-1260-3	8.134	7.005	20453309	27880165	394.480	437.671
34) L7 AR-1260-4	8.372	7.480	25236416	21408658	419.248	387.187
35) L7 AR-1260-5	8.710	7.719	43580497	48005233	404.602	392.525

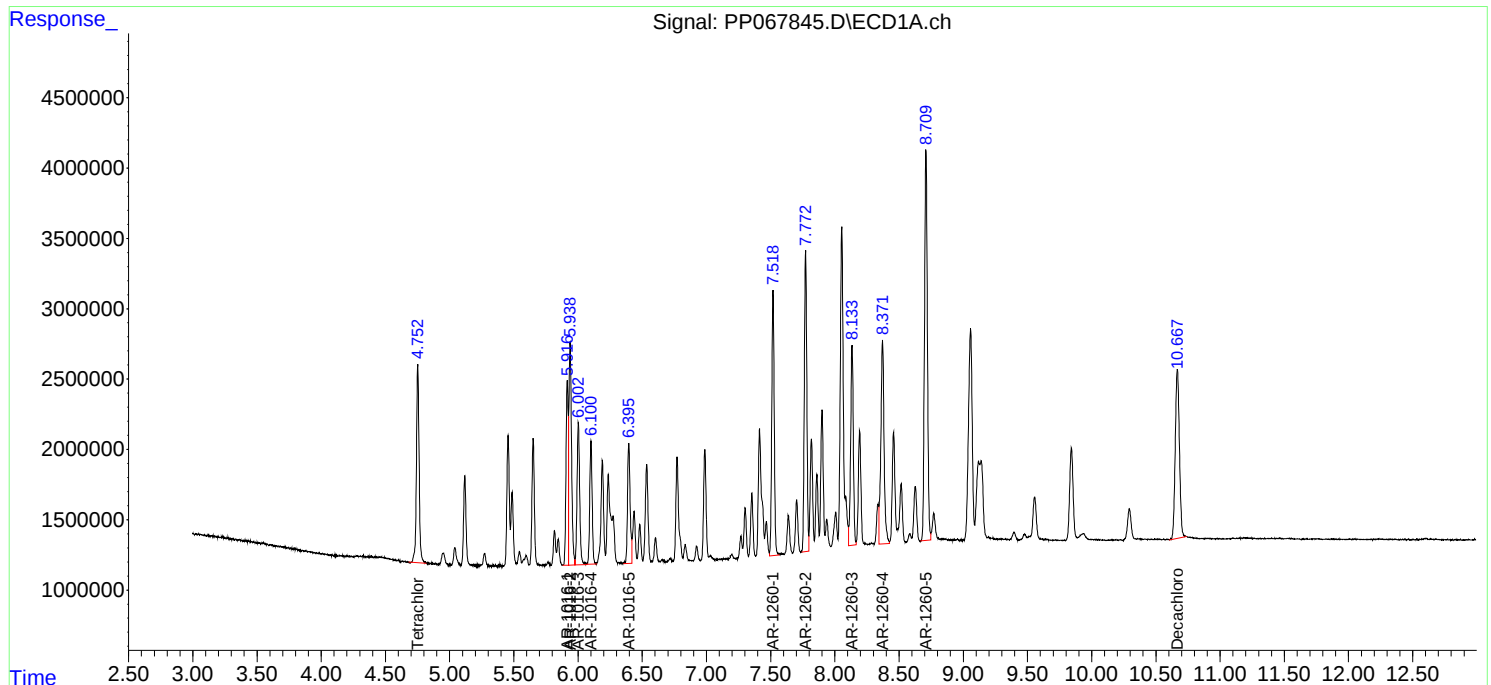
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
Data File : PP067845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 15:09
Operator : YP\AJ
Sample : PB164139BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164139BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 15:50:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
 Data File : PP067846.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 15:25
 Operator : YP\AJ
 Sample : PB164139BSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164139BSD

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 15 15:50:54 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...	4.755	4.052	18912586	18679354	20.432	18.487
2) SA Decachlor...	10.669	9.215	25228261	23571481	21.913	21.019
Target Compounds						
3) L1 AR-1016-1	5.919	5.160	14481386	14058869	437.945	401.828
4) L1 AR-1016-2	5.941	5.180	21182688	19372640	434.331	402.184
5) L1 AR-1016-3	6.005	5.360	13553883	11037617	430.119	409.749
6) L1 AR-1016-4	6.103	5.400	10779607	9583481	418.729	397.901
7) L1 AR-1016-5	6.397	5.618	11070831	11934569	409.017	392.457
31) L7 AR-1260-1	7.521	6.662	24081483	23394946	445.758	410.712
32) L7 AR-1260-2	7.775	6.849	27424330	27171559	433.444	407.343
33) L7 AR-1260-3	8.136	7.007	19267815	26272723	371.615	412.437
34) L7 AR-1260-4	8.374	7.481	23784034	20274823	395.120	366.681
35) L7 AR-1260-5	8.712	7.720	40848780	44796722	379.240	366.290

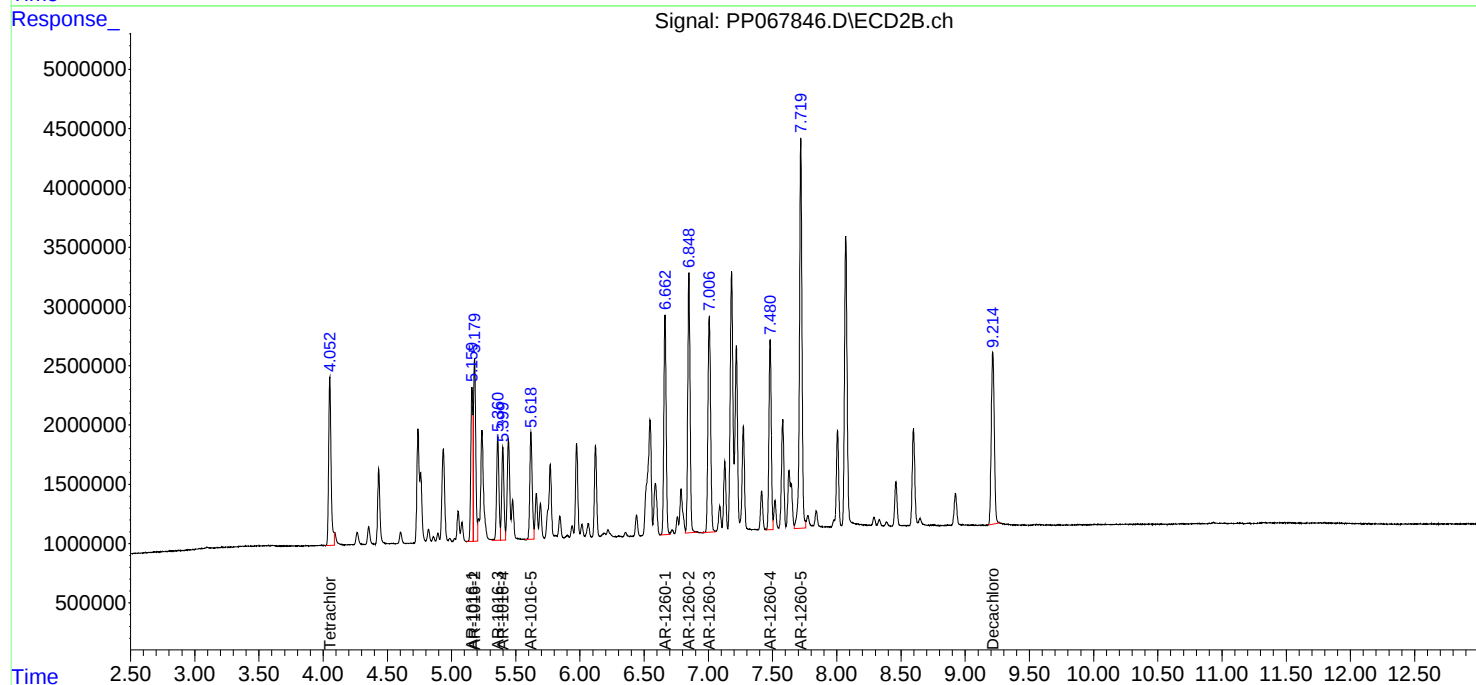
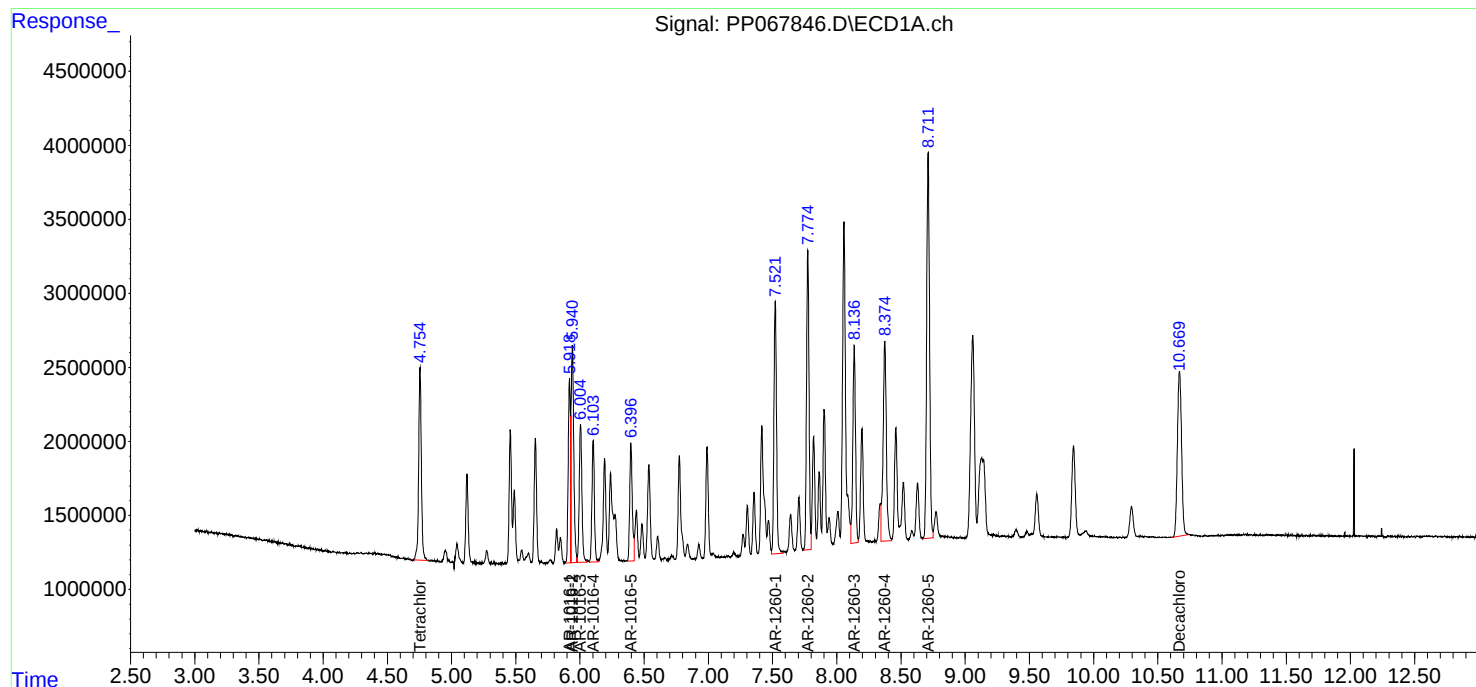
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101524\
Data File : PP067846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 15:25
Operator : YP\AJ
Sample : PB164139BSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164139BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 15:50:54 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\PP101424\
 Data File : PP067810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 20:54
 Operator : YP\AJ
 Sample : P4397-02MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WB-301-BOTMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:01:43 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...	4.755	4.051	22471515	21117773	24.277	20.900
2) SA Decachlor...	10.666	9.215	23095291	20461769	20.060	18.246
Target Compounds						
3) L1 AR-1016-1	5.919	5.159	19538289	20027505	590.875m	572.423
4) L1 AR-1016-2	5.941	5.179	27058160	26640473	554.802m	553.068
5) L1 AR-1016-3	6.004	5.360	17639262	15413143	559.764m	572.182
6) L1 AR-1016-4	6.102	5.399	14219136	12999551	552.336m	539.734
7) L1 AR-1016-5	6.397	5.618	15126248	15047058	558.847m	494.808
31) L7 AR-1260-1	7.522	6.662	28259455	28645786	523.094	502.893
32) L7 AR-1260-2	7.776	6.849	32090645	33890097	507.195	508.064
33) L7 AR-1260-3	8.136	7.006	22405008	32498522	432.122	510.172
34) L7 AR-1260-4	8.375	7.481	27197271	24029385	451.824	434.585
35) L7 AR-1260-5	8.712	7.719	48744394	53333461	452.543	436.092

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 20:54
Operator : YP\AJ
Sample : P4397-02MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WB-301-BOTMS

Manual Integrations

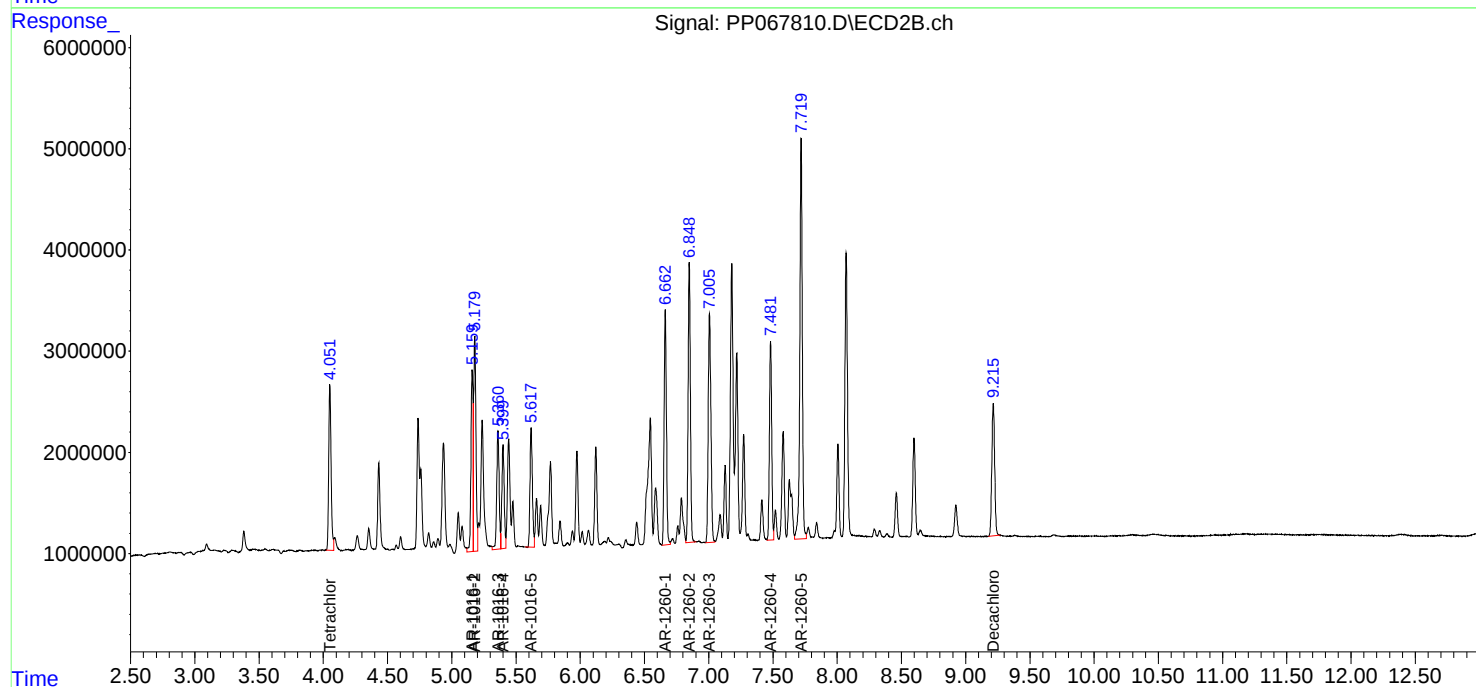
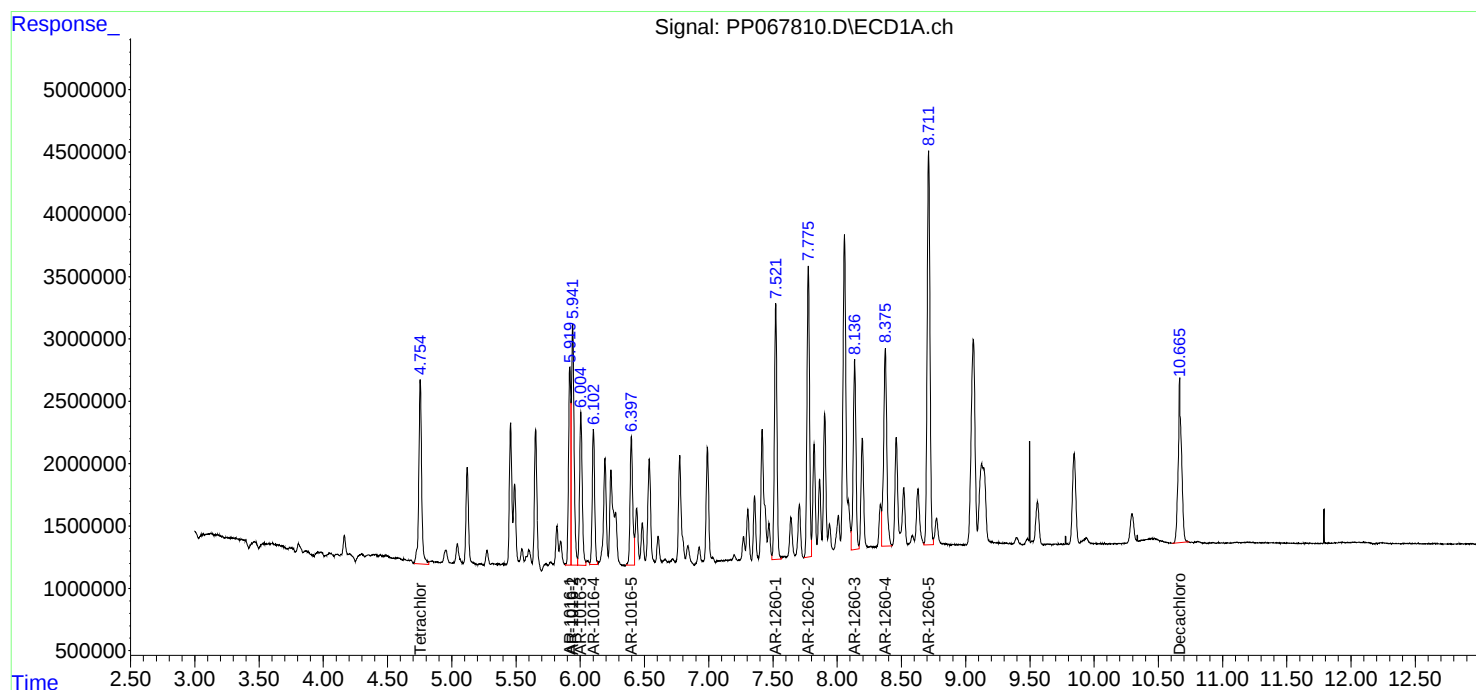
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:01:43 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
 Data File : PP067811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2024 21:10
 Operator : YP\AJ
 Sample : P4397-02MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WB-301-BOTMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:02:21 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	4.052	21980269	20925386	23.746	20.710
2) SA Decachlor...	10.668	9.216	22378953	20811782	19.438	18.558
Target Compounds						
3) L1 AR-1016-1	5.918	5.160	19266009	19467692	582.641m	556.422
4) L1 AR-1016-2	5.940	5.180	26673365	26543274	546.912m	551.050
5) L1 AR-1016-3	6.004	5.360	17607042	15029292	558.742m	557.932
6) L1 AR-1016-4	6.102	5.400	14399421	12906616	559.339m	535.875
7) L1 AR-1016-5	6.396	5.619	15323375	15159930	566.130m	498.520
31) L7 AR-1260-1	7.520	6.663	28676419	28696006	530.812	503.775
32) L7 AR-1260-2	7.774	6.849	32203334	34058663	508.976	510.591
33) L7 AR-1260-3	8.135	7.007	22417205	32631073	432.357	512.253
34) L7 AR-1260-4	8.372	7.482	27523533	24237920	457.244	438.356
35) L7 AR-1260-5	8.709	7.719	48903833	54279895	454.024	443.831

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101424\
Data File : PP067811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2024 21:10
Operator : YP\AJ
Sample : P4397-02MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

WB-301-BOTMSD

Manual Integrations

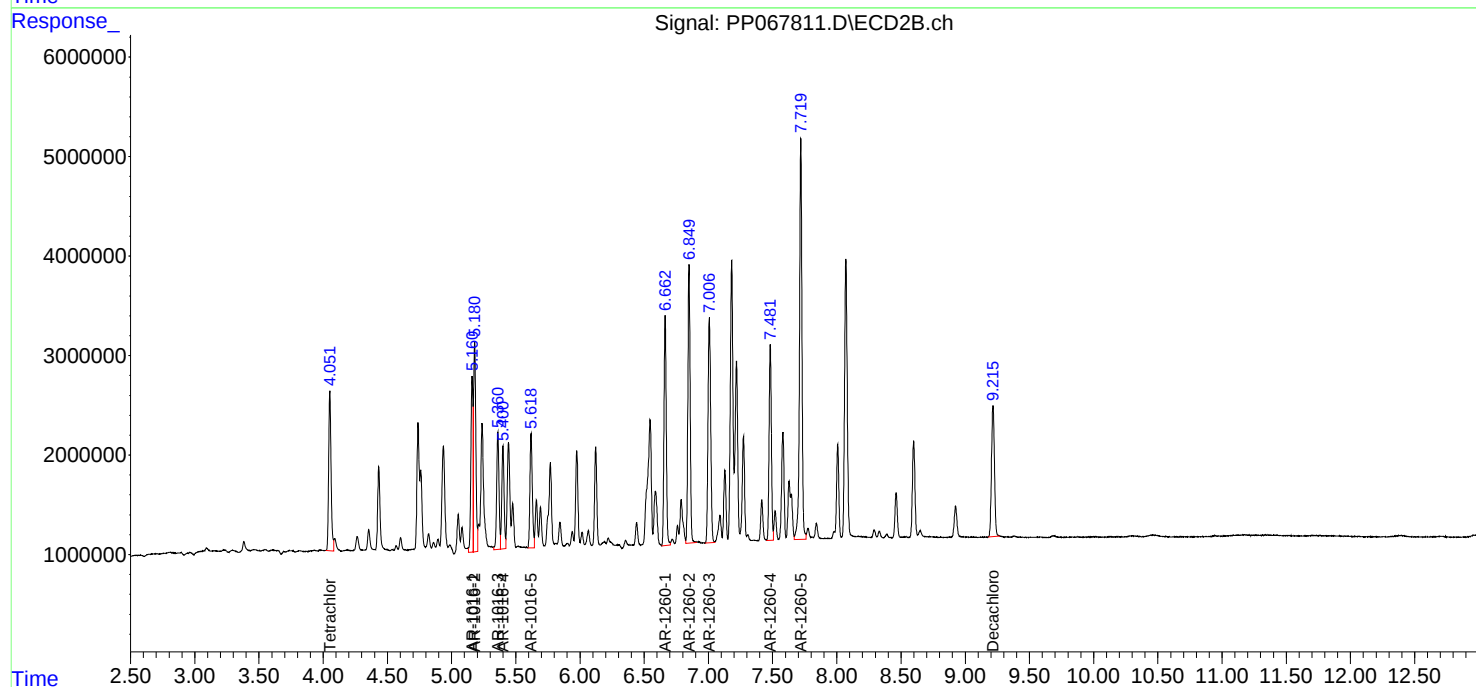
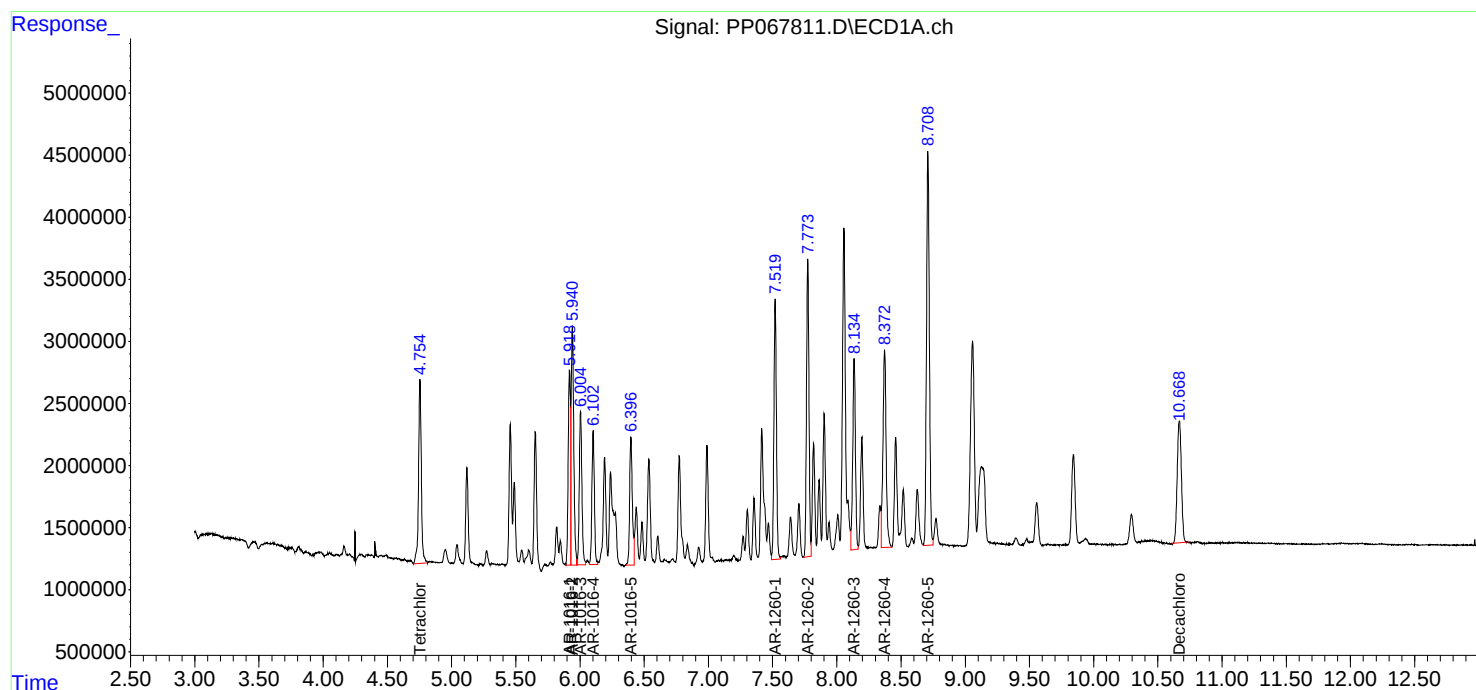
APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:02:21 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



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:	PP101424	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4397-01	PP067808.D	Tetrachloro-m-xylene #2	yogesh	10/15/2024 8:35:10 AM	Ankita	10/15/2024 4:23:46	Peak Integrated by Software
P4397-02MS	PP067810.D	AR-1016-1	yogesh	10/15/2024 8:35:12 AM	Ankita	10/15/2024 4:23:48	Peak Integrated by Software
P4397-02MS	PP067810.D	AR-1016-2	yogesh	10/15/2024 8:35:12 AM	Ankita	10/15/2024 4:23:48	Peak Integrated by Software
P4397-02MS	PP067810.D	AR-1016-3	yogesh	10/15/2024 8:35:12 AM	Ankita	10/15/2024 4:23:48	Peak Integrated by Software
P4397-02MS	PP067810.D	AR-1016-4	yogesh	10/15/2024 8:35:12 AM	Ankita	10/15/2024 4:23:48	Peak Integrated by Software
P4397-02MS	PP067810.D	AR-1016-5	yogesh	10/15/2024 8:35:12 AM	Ankita	10/15/2024 4:23:48	Peak Integrated by Software
P4397-02MSD	PP067811.D	AR-1016-1	yogesh	10/15/2024 8:35:14 AM	Ankita	10/15/2024 4:23:49	Peak Integrated by Software
P4397-02MSD	PP067811.D	AR-1016-2	yogesh	10/15/2024 8:35:14 AM	Ankita	10/15/2024 4:23:49	Peak Integrated by Software
P4397-02MSD	PP067811.D	AR-1016-3	yogesh	10/15/2024 8:35:14 AM	Ankita	10/15/2024 4:23:49	Peak Integrated by Software
P4397-02MSD	PP067811.D	AR-1016-4	yogesh	10/15/2024 8:35:14 AM	Ankita	10/15/2024 4:23:49	Peak Integrated by Software
P4397-02MSD	PP067811.D	AR-1016-5	yogesh	10/15/2024 8:35:14 AM	Ankita	10/15/2024 4:23:49	Peak Integrated by Software

Manual Integration Report

Sequence:	PP101524	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP067840.D	AR-1016-5 #2	yogesh	10/16/2024 8:49:54 AM	Ankita	10/16/2024 9:38:06	Peak Integrated by Software
AR1242CCC500	PP067841.D	AR-1242-5	yogesh	10/16/2024 8:49:55 AM	Ankita	10/16/2024 9:38:07	Peak Integrated by Software
AR1248CCC500	PP067842.D	AR-1248-4 #2	yogesh	10/16/2024 8:49:58 AM	Ankita	10/16/2024 9:38:09	Peak Integrated by Software
AR1248CCC500	PP067842.D	AR-1248-5 #2	yogesh	10/16/2024 8:49:58 AM	Ankita	10/16/2024 9:38:09	Peak Integrated by Software
AR1254CCC500	PP067843.D	AR-1254-1	yogesh	10/16/2024 8:50:00 AM	Ankita	10/16/2024 9:38:10	Peak Integrated by Software
AR1254CCC500	PP067843.D	AR-1254-1 #2	yogesh	10/16/2024 8:50:00 AM	Ankita	10/16/2024 9:38:10	Peak Integrated by Software
AR1254CCC500	PP067843.D	AR-1254-2	yogesh	10/16/2024 8:50:00 AM	Ankita	10/16/2024 9:38:10	Peak Integrated by Software
AR1254CCC500	PP067843.D	AR-1254-2 #2	yogesh	10/16/2024 8:50:00 AM	Ankita	10/16/2024 9:38:10	Peak Integrated by Software
AR1242CCC500	PP067875.D	AR-1242-5	yogesh	10/16/2024 8:50:16 AM	Ankita	10/16/2024 9:38:46	Peak Integrated by Software
AR1242CCC500	PP067875.D	AR-1242-5 #2	yogesh	10/16/2024 8:50:16 AM	Ankita	10/16/2024 9:38:46	Peak Integrated by Software
AR1248CCC500	PP067876.D	AR-1248-4 #2	yogesh	10/16/2024 8:50:18 AM	Ankita	10/16/2024 9:38:47	Peak Integrated by Software
AR1248CCC500	PP067876.D	AR-1248-5 #2	yogesh	10/16/2024 8:50:18 AM	Ankita	10/16/2024 9:38:47	Peak Integrated by Software
AR1254CCC500	PP067877.D	AR-1254-1	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software

Manual Integration Report

Sequence:	PP101524	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP067877.D	AR-1254-1 #2	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software
AR1254CCC500	PP067877.D	AR-1254-2	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software
AR1254CCC500	PP067877.D	AR-1254-2 #2	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software
AR1254CCC500	PP067877.D	AR-1254-3	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software
AR1254CCC500	PP067877.D	AR-1254-4	yogesh	10/16/2024 8:50:20 AM	Ankita	10/16/2024 9:38:49	Peak Integrated by Software
AR1242CCC500	PP067884.D	AR-1242-5	yogesh	10/16/2024 8:50:26 AM	Ankita	10/16/2024 9:38:54	Peak Integrated by Software
AR1242CCC500	PP067884.D	AR-1242-5 #2	yogesh	10/16/2024 8:50:26 AM	Ankita	10/16/2024 9:38:54	Peak Integrated by Software
AR1248CCC500	PP067885.D	AR-1248-4	yogesh	10/16/2024 8:50:28 AM	Ankita	10/16/2024 9:38:55	Peak Integrated by Software
AR1248CCC500	PP067885.D	AR-1248-4 #2	yogesh	10/16/2024 8:50:28 AM	Ankita	10/16/2024 9:38:55	Peak Integrated by Software
AR1248CCC500	PP067885.D	AR-1248-5	yogesh	10/16/2024 8:50:28 AM	Ankita	10/16/2024 9:38:55	Peak Integrated by Software
AR1254CCC500	PP067886.D	AR-1254-1	yogesh	10/16/2024 8:50:32 AM	Ankita	10/16/2024 9:38:57	Peak Integrated by Software
AR1254CCC500	PP067886.D	AR-1254-2	yogesh	10/16/2024 8:50:32 AM	Ankita	10/16/2024 9:38:57	Peak Integrated by Software
AR1254CCC500	PP067886.D	AR-1254-3	yogesh	10/16/2024 8:50:32 AM	Ankita	10/16/2024 9:38:57	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PP101524

Instrument

ECD_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

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 # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP067773.D	14 Oct 2024 08:55	YP\AJ	Ok
2	AR1660CCC500	PP067774.D	14 Oct 2024 09:11 am	YP\AJ	Ok
3	AR1242CCC500	PP067775.D	14 Oct 2024 10:32	YP\AJ	Ok
4	AR1248CCC500	PP067776.D	14 Oct 2024 10:48	YP\AJ	Ok
5	AR1254CCC500	PP067777.D	14 Oct 2024 11:05	YP\AJ	Ok
6	I.BLK	PP067778.D	14 Oct 2024 11:21	YP\AJ	Ok
7	PB164113BL	PP067779.D	14 Oct 2024 12:22	YP\AJ	Ok
8	PB164113BS	PP067780.D	14 Oct 2024 12:38	YP\AJ	Ok
9	P4390-01	PP067781.D	14 Oct 2024 12:54	YP\AJ	Ok,M
10	P4390-02	PP067782.D	14 Oct 2024 13:11	YP\AJ	Ok,M
11	P4390-03	PP067783.D	14 Oct 2024 13:27	YP\AJ	Ok,M
12	P4390-04	PP067784.D	14 Oct 2024 13:43	YP\AJ	Ok,M
13	P4390-05	PP067785.D	14 Oct 2024 13:59	YP\AJ	Ok,M
14	P4390-06	PP067786.D	14 Oct 2024 14:15	YP\AJ	Ok,M
15	PB164124BL	PP067787.D	14 Oct 2024 14:31	YP\AJ	Ok
16	PB164124BS	PP067788.D	14 Oct 2024 14:48	YP\AJ	Ok
17	P4391-01	PP067789.D	14 Oct 2024 15:04	YP\AJ	Ok
18	P4391-04	PP067790.D	14 Oct 2024 15:20	YP\AJ	Ok
19	AR1660CCC500	PP067791.D	14 Oct 2024 03:36 pm	YP\AJ	Ok
20	I.BLK	PP067792.D	14 Oct 2024 15:52	YP\AJ	Ok
21	P4391-07	PP067793.D	14 Oct 2024 04:19 pm	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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	P4391-10	PP067794.D	14 Oct 2024 16:36	YP\AJ	Ok
23	P4391-13	PP067795.D	14 Oct 2024 16:52	YP\AJ	Ok,M
24	P4391-16	PP067796.D	14 Oct 2024 17:08	YP\AJ	Ok
25	P4391-17	PP067797.D	14 Oct 2024 17:24	YP\AJ	Ok
26	P4391-19	PP067798.D	14 Oct 2024 17:40	YP\AJ	Ok
27	P4391-21	PP067799.D	14 Oct 2024 17:56	YP\AJ	Ok
28	P4391-23	PP067800.D	14 Oct 2024 18:12	YP\AJ	Ok
29	P4391-24	PP067801.D	14 Oct 2024 18:29	YP\AJ	Ok
30	P4391-26	PP067802.D	14 Oct 2024 18:45	YP\AJ	Ok,M
31	P4391-27	PP067803.D	14 Oct 2024 19:01	YP\AJ	Ok,M
32	P4391-29	PP067804.D	14 Oct 2024 19:17	YP\AJ	Ok
33	P4391-30	PP067805.D	14 Oct 2024 19:33	YP\AJ	Ok
34	P4391-32	PP067806.D	14 Oct 2024 19:50	YP\AJ	Ok
35	P4391-33	PP067807.D	14 Oct 2024 20:06	YP\AJ	Ok
36	P4397-01	PP067808.D	14 Oct 2024 20:22	YP\AJ	Ok,M
37	P4397-02	PP067809.D	14 Oct 2024 20:38	YP\AJ	Ok
38	P4397-02MS	PP067810.D	14 Oct 2024 20:54	YP\AJ	Ok,M
39	P4397-02MSD	PP067811.D	14 Oct 2024 21:10	YP\AJ	Ok,M
40	P4397-04	PP067812.D	14 Oct 2024 21:26	YP\AJ	Ok
41	AR1660CCC500	PP067813.D	14 Oct 2024 22:04	YP\AJ	Ok
42	AR1242CCC500	PP067814.D	14 Oct 2024 22:20	YP\AJ	Ok
43	AR1248CCC500	PP067815.D	14 Oct 2024 22:36	YP\AJ	Ok
44	AR1254CCC500	PP067816.D	14 Oct 2024 22:53	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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			

45	I.BLK	PP067817.D	14 Oct 2024 23:09	YP\AJ	Ok
46	PB164116BL	PP067818.D	14 Oct 2024 23:25	YP\AJ	Ok
47	PB164116BS	PP067819.D	14 Oct 2024 23:41	YP\AJ	Ok
48	P4393-01	PP067820.D	14 Oct 2024 23:57	YP\AJ	Ok
49	P4393-02	PP067821.D	15 Oct 2024 00:13	YP\AJ	Ok
50	P4393-03	PP067822.D	15 Oct 2024 00:29	YP\AJ	Ok,M
51	AR1660CCC500	PP067823.D	15 Oct 2024 09:11	YP\AJ	Ok
52	I.BLK	PP067824.D	15 Oct 2024 09:27	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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	Data File Name	Date-Time	Operator	Status
1	AR1660CCC500	PP067825.D	15 Oct 2024 09:43 am	YP\AJ	Ok
2	AR1242CCC500	PP067826.D	15 Oct 2024 09:59	YP\AJ	Ok
3	AR1248CCC500	PP067827.D	15 Oct 2024 10:15	YP\AJ	Ok
4	AR1254CCC500	PP067828.D	15 Oct 2024 10:31	YP\AJ	Ok
5	I.BLK	PP067829.D	15 Oct 2024 10:47	YP\AJ	Ok
6	P4382-01	PP067830.D	15 Oct 2024 11:04	YP\AJ	Ok
7	P4402-01	PP067831.D	15 Oct 2024 11:20	YP\AJ	ReRun
8	P4402-02	PP067832.D	15 Oct 2024 11:36	YP\AJ	ReRun
9	P4402-03	PP067833.D	15 Oct 2024 11:52	YP\AJ	Ok,M
10	P4402-04	PP067834.D	15 Oct 2024 12:08	YP\AJ	Ok
11	P4402-05	PP067835.D	15 Oct 2024 12:24	YP\AJ	Ok
12	P4396-01	PP067836.D	15 Oct 2024 12:40	YP\AJ	Ok
13	P4402-02RE	PP067837.D	15 Oct 2024 13:00	YP\AJ	Confirms
14	PB164139BL	PP067838.D	15 Oct 2024 13:16	YP\AJ	Ok
15	P4402-01	PP067839.D	15 Oct 2024 13:32	YP\AJ	Ok,M
16	AR1660CCC500	PP067840.D	15 Oct 2024 13:48	YP\AJ	Ok,M
17	AR1242CCC500	PP067841.D	15 Oct 2024 14:05	YP\AJ	Ok,M
18	AR1248CCC500	PP067842.D	15 Oct 2024 14:21	YP\AJ	Ok,M
19	AR1254CCC500	PP067843.D	15 Oct 2024 14:37	YP\AJ	Ok,M
20	I.BLK	PP067844.D	15 Oct 2024 14:53	YP\AJ	Ok
21	PB164139BS	PP067845.D	15 Oct 2024 15:09	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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	PB164139BSD	PP067846.D	15 Oct 2024 15:25	YP\AJ	Ok
23	P4394-01	PP067847.D	15 Oct 2024 15:41	YP\AJ	Ok
24	P4394-02	PP067848.D	15 Oct 2024 15:57	YP\AJ	Ok
25	P4395-01	PP067849.D	15 Oct 2024 16:13	YP\AJ	Ok,M
26	P4395-01MS	PP067850.D	15 Oct 2024 16:30	YP\AJ	Ok,M
27	P4395-01MSD	PP067851.D	15 Oct 2024 16:46	YP\AJ	Ok,M
28	PB164150BL	PP067852.D	15 Oct 2024 17:02	YP\AJ	Ok
29	PB164150BS	PP067853.D	15 Oct 2024 17:18	YP\AJ	Ok
30	P4392-02	PP067854.D	15 Oct 2024 17:34	YP\AJ	Ok
31	P4392-04	PP067855.D	15 Oct 2024 17:50	YP\AJ	Ok
32	P4392-06	PP067856.D	15 Oct 2024 18:06	YP\AJ	Ok
33	P4392-06MS	PP067857.D	15 Oct 2024 18:22	YP\AJ	Ok,M
34	P4392-06MSD	PP067858.D	15 Oct 2024 18:39	YP\AJ	Ok,M
35	P4392-09	PP067859.D	15 Oct 2024 18:55	YP\AJ	Ok
36	P4392-12	PP067860.D	15 Oct 2024 19:11	YP\AJ	Ok,M
37	P4392-15	PP067861.D	15 Oct 2024 19:27	YP\AJ	Ok
38	P4392-18	PP067862.D	15 Oct 2024 19:43	YP\AJ	Ok
39	P4392-20	PP067863.D	15 Oct 2024 19:59	YP\AJ	Ok
40	P4392-22	PP067864.D	15 Oct 2024 20:15	YP\AJ	Ok
41	AR1660CCC500	PP067865.D	15 Oct 2024 20:42	YP\AJ	Ok
42	I.BLK	PP067866.D	15 Oct 2024 20:58	YP\AJ	Ok
43	P4392-24	PP067867.D	15 Oct 2024 21:14	YP\AJ	Ok
44	P4392-26	PP067868.D	15 Oct 2024 21:30	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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			

45	P4392-28	PP067869.D	15 Oct 2024 21:46	YP\AJ	Ok
46	P4392-30	PP067870.D	15 Oct 2024 22:02	YP\AJ	Ok
47	P4392-31	PP067871.D	15 Oct 2024 22:18	YP\AJ	Ok
48	P4392-32	PP067872.D	15 Oct 2024 22:35	YP\AJ	Ok
49	P4392-33	PP067873.D	15 Oct 2024 22:51	YP\AJ	Ok
50	AR1660CCC500	PP067874.D	15 Oct 2024 23:18	YP\AJ	Ok
51	AR1242CCC500	PP067875.D	15 Oct 2024 23:34	YP\AJ	Ok,M
52	AR1248CCC500	PP067876.D	15 Oct 2024 23:50	YP\AJ	Ok,M
53	AR1254CCC500	PP067877.D	16 Oct 2024 00:06	YP\AJ	Ok,M
54	I.BLK	PP067878.D	16 Oct 2024 00:22	YP\AJ	Ok
55	P4399-01	PP067879.D	16 Oct 2024 00:38	YP\AJ	Ok,M
56	P4400-01	PP067880.D	16 Oct 2024 00:54	YP\AJ	Ok
57	P4401-01	PP067881.D	16 Oct 2024 01:10	YP\AJ	Ok
58	P4403-01	PP067882.D	16 Oct 2024 01:26	YP\AJ	Ok,M
59	AR1660CCC500	PP067883.D	16 Oct 2024 02:04	YP\AJ	Ok
60	AR1242CCC500	PP067884.D	16 Oct 2024 02:20	YP\AJ	Ok,M
61	AR1248CCC500	PP067885.D	16 Oct 2024 02:36	YP\AJ	Ok,M
62	AR1254CCC500	PP067886.D	16 Oct 2024 02:52	YP\AJ	Ok,M
63	I.BLK	PP067887.D	16 Oct 2024 03:09	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#	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	ICVPP100824AR1242	PP067616.D	09 Oct 2024 00:18		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP100824AR1248	PP067617.D	09 Oct 2024 00:34		YPIAJ	Ok
34	AR1254ICV500	ICVPP100824AR1254	PP067618.D	09 Oct 2024 00:51		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP100824AR1268	PP067619.D	09 Oct 2024 01:07		YPIAJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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	PP067773.D	14 Oct 2024 08:55		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP067774.D	14 Oct 2024 09:11 am		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP067775.D	14 Oct 2024 10:32		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP067776.D	14 Oct 2024 10:48		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP067777.D	14 Oct 2024 11:05		YPIAJ	Ok
6	I.BLK	I.BLK	PP067778.D	14 Oct 2024 11:21		YPIAJ	Ok
7	PB164113BL	PB164113BL	PP067779.D	14 Oct 2024 12:22		YPIAJ	Ok
8	PB164113BS	PB164113BS	PP067780.D	14 Oct 2024 12:38		YPIAJ	Ok
9	P4390-01	1	PP067781.D	14 Oct 2024 12:54	TCMX high 1st col	YPIAJ	Ok,M
10	P4390-02	2	PP067782.D	14 Oct 2024 13:11		YPIAJ	Ok,M
11	P4390-03	3	PP067783.D	14 Oct 2024 13:27		YPIAJ	Ok,M
12	P4390-04	4	PP067784.D	14 Oct 2024 13:43		YPIAJ	Ok,M
13	P4390-05	5	PP067785.D	14 Oct 2024 13:59	TCMX high 1st col	YPIAJ	Ok,M
14	P4390-06	6	PP067786.D	14 Oct 2024 14:15		YPIAJ	Ok,M
15	PB164124BL	PB164124BL	PP067787.D	14 Oct 2024 14:31		YPIAJ	Ok
16	PB164124BS	PB164124BS	PP067788.D	14 Oct 2024 14:48		YPIAJ	Ok
17	P4391-01	Q119-1A	PP067789.D	14 Oct 2024 15:04		YPIAJ	Ok
18	P4391-04	Q119-2A	PP067790.D	14 Oct 2024 15:20		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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	AR1660CCC500	AR1660CCC500	PP067791.D	14 Oct 2024 03:36 pm	YPIAJ	Ok
20	I.BLK	I.BLK	PP067792.D	14 Oct 2024 15:52	YPIAJ	Ok
21	P4391-07	Q119-3A	PP067793.D	14 Oct 2024 04:19 pm	YPIAJ	Ok,M
22	P4391-10	Q119-4A	PP067794.D	14 Oct 2024 16:36	YPIAJ	Ok
23	P4391-13	Q119-5A	PP067795.D	14 Oct 2024 16:52	YPIAJ	Ok,M
24	P4391-16	Q119-6A	PP067796.D	14 Oct 2024 17:08	YPIAJ	Ok
25	P4391-17	Q119-6B	PP067797.D	14 Oct 2024 17:24	YPIAJ	Ok
26	P4391-19	Q119-7B	PP067798.D	14 Oct 2024 17:40	YPIAJ	Ok
27	P4391-21	Q119-8B	PP067799.D	14 Oct 2024 17:56	YPIAJ	Ok
28	P4391-23	Q119-9A	PP067800.D	14 Oct 2024 18:12	YPIAJ	Ok
29	P4391-24	Q119-9B	PP067801.D	14 Oct 2024 18:29	YPIAJ	Ok
30	P4391-26	Q119-10A	PP067802.D	14 Oct 2024 18:45	YPIAJ	Ok,M
31	P4391-27	Q119-10B	PP067803.D	14 Oct 2024 19:01	YPIAJ	Ok,M
32	P4391-29	Q119-11A	PP067804.D	14 Oct 2024 19:17	YPIAJ	Ok
33	P4391-30	Q119-11B	PP067805.D	14 Oct 2024 19:33	YPIAJ	Ok
34	P4391-32	Q119-12A	PP067806.D	14 Oct 2024 19:50	YPIAJ	Ok
35	P4391-33	Q119-12B	PP067807.D	14 Oct 2024 20:06	YPIAJ	Ok
36	P4397-01	WB-301-TOP	PP067808.D	14 Oct 2024 20:22	YPIAJ	Ok,M
37	P4397-02	WB-301-BOT	PP067809.D	14 Oct 2024 20:38	YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101424

Review By	yogesh	Review On	10/15/2024 8:39:29 AM
Supervise By	Ankita	Supervise On	10/15/2024 4:24:07 PM
SubDirectory	PP101424	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			

38	P4397-02MS	WB-301-BOTMS	PP067810.D	14 Oct 2024 20:54		YPIAJ	Ok,M
39	P4397-02MSD	WB-301-BOTMSD	PP067811.D	14 Oct 2024 21:10		YPIAJ	Ok,M
40	P4397-04	WB-301-SW	PP067812.D	14 Oct 2024 21:26		YPIAJ	Ok
41	AR1660CCC500	AR1660CCC500	PP067813.D	14 Oct 2024 22:04		YPIAJ	Ok
42	AR1242CCC500	AR1242CCC500	PP067814.D	14 Oct 2024 22:20		YPIAJ	Ok
43	AR1248CCC500	AR1248CCC500	PP067815.D	14 Oct 2024 22:36		YPIAJ	Ok
44	AR1254CCC500	AR1254CCC500	PP067816.D	14 Oct 2024 22:53		YPIAJ	Ok
45	I.BLK	I.BLK	PP067817.D	14 Oct 2024 23:09		YPIAJ	Ok
46	PB164116BL	PB164116BL	PP067818.D	14 Oct 2024 23:25		YPIAJ	Ok
47	PB164116BS	PB164116BS	PP067819.D	14 Oct 2024 23:41		YPIAJ	Ok
48	P4393-01	BUST-DEBRIS	PP067820.D	14 Oct 2024 23:57		YPIAJ	Ok
49	P4393-02	BUST-OIL	PP067821.D	15 Oct 2024 00:13		YPIAJ	Ok
50	P4393-03	BUST-TOTE-OIL	PP067822.D	15 Oct 2024 00:29		YPIAJ	Ok,M
51	AR1660CCC500	AR1660CCC500	PP067823.D	15 Oct 2024 09:11		YPIAJ	Ok
52	I.BLK	I.BLK	PP067824.D	15 Oct 2024 09:27		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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	AR1660CCC500	AR1660CCC500	PP067825.D	15 Oct 2024 09:43 am		YPIAJ	Ok
2	AR1242CCC500	AR1242CCC500	PP067826.D	15 Oct 2024 09:59		YPIAJ	Ok
3	AR1248CCC500	AR1248CCC500	PP067827.D	15 Oct 2024 10:15		YPIAJ	Ok
4	AR1254CCC500	AR1254CCC500	PP067828.D	15 Oct 2024 10:31		YPIAJ	Ok
5	I.BLK	I.BLK	PP067829.D	15 Oct 2024 10:47		YPIAJ	Ok
6	P4382-01	DECON-DRUM	PP067830.D	15 Oct 2024 11:04		YPIAJ	Ok
7	P4402-01	1 - Drum	PP067831.D	15 Oct 2024 11:20	DCB low both col	YPIAJ	ReRun
8	P4402-02	2 - Drum	PP067832.D	15 Oct 2024 11:36	DCB low both col	YPIAJ	ReRun
9	P4402-03	3 - Tote	PP067833.D	15 Oct 2024 11:52		YPIAJ	Ok,M
10	P4402-04	4 - Tote	PP067834.D	15 Oct 2024 12:08		YPIAJ	Ok
11	P4402-05	5 - Tote	PP067835.D	15 Oct 2024 12:24	DCB low 2nd col	YPIAJ	Ok
12	P4396-01	WASTE-WATER-FRAC	PP067836.D	15 Oct 2024 12:40	AR1254 Hit	YPIAJ	Ok
13	P4402-02RE	2 - DrumRE	PP067837.D	15 Oct 2024 13:00	DCB low both col	YPIAJ	Confirms
14	PB164139BL	PB164139BL	PP067838.D	15 Oct 2024 13:16		YPIAJ	Ok
15	P4402-01	1 - Drum	PP067839.D	15 Oct 2024 13:32	DCB low 2nd col	YPIAJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP067840.D	15 Oct 2024 13:48		YPIAJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP067841.D	15 Oct 2024 14:05		YPIAJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PP067842.D	15 Oct 2024 14:21		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PP067843.D	15 Oct 2024 14:37		YPIAJ	Ok,M
20	I.BLK	I.BLK	PP067844.D	15 Oct 2024 14:53		YPIAJ	Ok
21	PB164139BS	PB164139BS	PP067845.D	15 Oct 2024 15:09		YPIAJ	Ok
22	PB164139BSD	PB164139BSD	PP067846.D	15 Oct 2024 15:25		YPIAJ	Ok
23	P4394-01	WASH-DEBRIS	PP067847.D	15 Oct 2024 15:41		YPIAJ	Ok
24	P4394-02	WASH-OIL	PP067848.D	15 Oct 2024 15:57		YPIAJ	Ok
25	P4395-01	F05308-SOLID	PP067849.D	15 Oct 2024 16:13	AR1260 Hit	YPIAJ	Ok,M
26	P4395-01MS	F05308-SOLIDMS	PP067850.D	15 Oct 2024 16:30		YPIAJ	Ok,M
27	P4395-01MSD	F05308-SOLIDMSD	PP067851.D	15 Oct 2024 16:46		YPIAJ	Ok,M
28	PB164150BL	PB164150BL	PP067852.D	15 Oct 2024 17:02		YPIAJ	Ok
29	PB164150BS	PB164150BS	PP067853.D	15 Oct 2024 17:18		YPIAJ	Ok
30	P4392-02	Q119-13B	PP067854.D	15 Oct 2024 17:34		YPIAJ	Ok
31	P4392-04	Q119-14B	PP067855.D	15 Oct 2024 17:50		YPIAJ	Ok
32	P4392-06	Q119-15A	PP067856.D	15 Oct 2024 18:06		YPIAJ	Ok
33	P4392-06MS	Q119-15AMS	PP067857.D	15 Oct 2024 18:22		YPIAJ	Ok,M
34	P4392-06MSD	Q119-15AMSD	PP067858.D	15 Oct 2024 18:39		YPIAJ	Ok,M
35	P4392-09	Q119-16A	PP067859.D	15 Oct 2024 18:55		YPIAJ	Ok
36	P4392-12	Q119-17A	PP067860.D	15 Oct 2024 19:11	AR1254 Hit	YPIAJ	Ok,M
37	P4392-15	Q119-18A	PP067861.D	15 Oct 2024 19:27		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	P4392-18	Q119-19A	PP067862.D	15 Oct 2024 19:43		YPIAJ	Ok
39	P4392-20	Q119-20A	PP067863.D	15 Oct 2024 19:59		YPIAJ	Ok
40	P4392-22	Q119-21A	PP067864.D	15 Oct 2024 20:15		YPIAJ	Ok
41	AR1660CCC500	AR1660CCC500	PP067865.D	15 Oct 2024 20:42		YPIAJ	Ok
42	I.BLK	I.BLK	PP067866.D	15 Oct 2024 20:58		YPIAJ	Ok
43	P4392-24	Q119-22A	PP067867.D	15 Oct 2024 21:14		YPIAJ	Ok
44	P4392-26	Q119-23A	PP067868.D	15 Oct 2024 21:30		YPIAJ	Ok,M
45	P4392-28	Q119-24A	PP067869.D	15 Oct 2024 21:46		YPIAJ	Ok
46	P4392-30	Q119-DUP1	PP067870.D	15 Oct 2024 22:02		YPIAJ	Ok
47	P4392-31	Q119-DUP2	PP067871.D	15 Oct 2024 22:18		YPIAJ	Ok
48	P4392-32	Q119-DUP3	PP067872.D	15 Oct 2024 22:35		YPIAJ	Ok
49	P4392-33	Q119-DUP4	PP067873.D	15 Oct 2024 22:51		YPIAJ	Ok
50	AR1660CCC500	AR1660CCC500	PP067874.D	15 Oct 2024 23:18		YPIAJ	Ok
51	AR1242CCC500	AR1242CCC500	PP067875.D	15 Oct 2024 23:34		YPIAJ	Ok,M
52	AR1248CCC500	AR1248CCC500	PP067876.D	15 Oct 2024 23:50		YPIAJ	Ok,M
53	AR1254CCC500	AR1254CCC500	PP067877.D	16 Oct 2024 00:06		YPIAJ	Ok,M
54	I.BLK	I.BLK	PP067878.D	16 Oct 2024 00:22		YPIAJ	Ok
55	P4399-01	1009-A	PP067879.D	16 Oct 2024 00:38	TCMX High in 1st column	YPIAJ	Ok,M
56	P4400-01	NB-08-101424	PP067880.D	16 Oct 2024 00:54		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP101524

Review By	yogesh	Review On	10/16/2024 8:50:59 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:39:13 AM
SubDirectory	PP101524	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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

57	P4401-01	SU-03-101424	PP067881.D	16 Oct 2024 01:10		YPIAJ	Ok
58	P4403-01	Hawthorne TP Soil	PP067882.D	16 Oct 2024 01:26		YPIAJ	Ok,M
59	AR1660CCC500	AR1660CCC500	PP067883.D	16 Oct 2024 02:04		YPIAJ	Ok
60	AR1242CCC500	AR1242CCC500	PP067884.D	16 Oct 2024 02:20		YPIAJ	Ok,M
61	AR1248CCC500	AR1248CCC500	PP067885.D	16 Oct 2024 02:36		YPIAJ	Ok,M
62	AR1254CCC500	AR1254CCC500	PP067886.D	16 Oct 2024 02:52		YPIAJ	Ok,M
63	I.BLK	I.BLK	PP067887.D	16 Oct 2024 03:09		YPIAJ	Ok

M : Manual Integration

A
B
C
D
E
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K
L

SOP ID:	M3541-ASE Extraction-14		
Clean Up SOP #:	Acid Cleanup	Extraction Start Date :	10/14/2024
Matrix :	Solid	Extraction Start Time :	10:05
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 Method:	☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		
Extraction End Date :	10/14/2024		
Extraction End Time :	13:10		
Concentration By:	EH		
Supervisor By :	rajesh		

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23641
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	EP2546
Sand	N/A	E2865
Hexane	N/A	E3816
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

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
10/14/24	RJ (Ext-Lab)	AJ/EST PCA Lab
13:15	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/14/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164124BL	ABLK124	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U1-1
PB164124BS	ALCS124	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
P4391-01	Q119-1A	PCB Group1	30.06	N/A	ritesh	Evelyn	10			3
P4391-04	Q119-2A	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
P4391-07	Q119-3A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			5
P4391-10	Q119-4A	PCB Group1	30.04	N/A	ritesh	Evelyn	10			6
P4391-13	Q119-5A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U5-1
P4391-16	Q119-6A	PCB Group1	30.10	N/A	ritesh	Evelyn	10			2
P4391-17	Q119-6B	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
P4391-19	Q119-7B	PCB Group1	30.01	N/A	ritesh	Evelyn	10			4
P4391-21	Q119-8B	PCB Group1	30.06	N/A	ritesh	Evelyn	10			5
P4391-23	Q119-9A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			6
P4391-24	Q119-9B	PCB Group1	30.03	N/A	ritesh	Evelyn	10			U6-1
P4391-26	Q119-10A	PCB Group1	30.08	N/A	ritesh	Evelyn	10			2
P4391-27	Q119-10B	PCB Group1	30.02	N/A	ritesh	Evelyn	10			3
P4391-29	Q119-11A	PCB Group1	30.05	N/A	ritesh	Evelyn	10			4
P4391-30	Q119-11B	PCB Group1	30.09	N/A	ritesh	Evelyn	10			5
P4391-32	Q119-12A	PCB Group1	30.07	N/A	ritesh	Evelyn	10			6
P4391-33	Q119-12B	PCB Group1	30.04	N/A	ritesh	Evelyn	10			U7-1
P4397-01	WB-301-TOP	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
P4397-02	WB-301-BOT	PCB	30.09	N/A	ritesh	Evelyn	10	E		3
P4397-02MS	WB-301-BOTMS	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
P4397-02MS D	WB-301-BOTMSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		5

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4391

WorkList ID : 184413

Department : Extraction

Date : 10-14-2024 10:00:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4391-01	Q119-1A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-04	Q119-2A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-07	Q119-3A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-10	Q119-4A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-13	Q119-5A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-16	Q119-6A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-17	Q119-6B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-19	Q119-7B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-21	Q119-8B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-23	Q119-9A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-24	Q119-9B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-26	Q119-10A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-27	Q119-10B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-29	Q119-11A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-30	Q119-11B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-32	Q119-12A	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4391-33	Q119-12B	Solid	PCB Group1	Cool 4 deg C	ATCE02	K31	10/10/2024	8082A
P4397-01	WB-301-TOP	Solid	PCB	Cool 4 deg C	PORT06	K32	10/10/2024	8082A
P4397-02	WB-301-BOT	Solid	PCB	Cool 4 deg C	PORT06	K32	10/10/2024	8082A

Date/Time

10/14/24

10:02

Raw Sample Received by:

ST (Signature)

Raw Sample Relinquished by:

ST (Signature)

Date/Time

10/10/24

10:35

Raw Sample Received by:

ST (Signature)

Raw Sample Relinquished by:

ST (Signature)

SOP ID:	M3510C,3580A-Extraction PCB-14		
Clean Up SOP #:	Acid Cleanup	Extraction Start Date :	10/14/2024
Matrix :	Water	Extraction Start Time :	13:15
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	10/14/2024
Balance ID:	N/A	Filter By:	RS
pH Strip Lot#:	E3574	Extraction End Time :	18:10
		pH Meter ID:	N/A
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	200 PPB	PP23641
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	E3816
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

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/14/24	RP (Est Lab)	Y-P-Pest/PCB.
18:15	Preparation Group	Analysis Group

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

Concentration Date: 10/14/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164139BL	ABLK139	PCB	1000	6	RUPESH	rajesh	10			SEP-01
PB164139BS	ALCS139	PCB	1000	6	RUPESH	rajesh	10			2
PB164139BS D	ALCSD139	PCB	1000	6	RUPESH	rajesh	10			3
P4382-01	DECON-DRUM	PCB	1000	6	RUPESH	rajesh	10	B		4
P4396-01	WASTE-WATER-FRAC-TAN K	PCB	980	6	RUPESH	rajesh	10	K		5
P4397-04	WB-301-SW	PCB	960	6	RUPESH	rajesh	10	G		6
P4402-01	1 - DRUM	PCB	1000	6	RUPESH	rajesh	10	E		7
P4402-02	2 - DRUM	PCB	990	6	RUPESH	rajesh	10	E		8
P4402-03	3 - TOTE	PCB	980	6	RUPESH	rajesh	10	E		9
P4402-04	4 - TOTE	PCB	990	6	RUPESH	rajesh	10	E		10
P4402-05	5 - TOTE	PCB	1000	6	RUPESH	rajesh	10	E		11

* Extracts relinquished on the same date as received.

2
10/14/24

11/3
64139

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4402 WorkList ID : 184427 Department : Extraction Date : 10-14-2024 13:13:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4382-01	DECON-DRUM	Water	PCB	Cool 4 deg C	PSEG03	K23	10/10/2024	8082A
P4396-01	WASTE-WATER-FRAC-TANK	Water	PCB	Cool 4 deg C	PSEG03	K32	10/11/2024	8082A
P4397-04	WB-301-SW	Water	PCB	Cool 4 deg C	PORT06	K32	10/10/2024	8082A
P4402-01	1 - Drum	Water	PCB	Cool 4 deg C	PSEG03	K11	10/14/2024	8082A
P4402-02	2 - Drum	Water	PCB	Cool 4 deg C	PSEG03	K11	10/14/2024	8082A
P4402-03	3 - Tote	Water	PCB	Cool 4 deg C	PSEG03	K11	10/14/2024	8082A
P4402-04	4 - Tote	Water	PCB	Cool 4 deg C	PSEG03	K11	10/14/2024	8082A
P4402-05	5 - Tote	Water	PCB	Cool 4 deg C	PSEG03	K11	10/14/2024	8082A

Date/Time 10/14/24 13:14
Raw Sample Received by: [Signature] SH
Raw Sample Relinquished by: [Signature] SH

Date/Time 10/14/24 13:35
Raw Sample Received by: [Signature] SH
Raw Sample Relinquished by: [Signature] SH

LAB CHRONICLE

OrderID:	P4397	OrderDate:	10/11/2024 3:19:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	K32,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4397-01	WB-301-TOP	SOIL			10/10/24			10/11/24
			PCB	8082A		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/15/24	
P4397-02	WB-301-BOT	SOIL			10/10/24			10/11/24
			PCB	8082A		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/15/24	
P4397-04	WB-301-SW	WATER			10/10/24			10/11/24
			PCB	8082A		10/14/24	10/14/24	