



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

Hit Summary Sheet
SW-846

SDG No.: P5217

Order ID: P5217

Client: EarthEfficient LLC

Project ID: 45-40 Vernon Blvd LIC

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

Total Concentration: 0.000

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



SAMPLE DATA

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/09/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/09/24
Client Sample ID:	MIXED-DEMO	SDG No.:	P5217
Lab Sample ID:	P5217-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	99.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108451.D	1	12/10/24 08:15	12/10/24 17:43	PB165518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.1	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.1	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.1	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.1	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.1	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.1	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.1	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.1	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	12.5		30 (32) - 150 (144)	62%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.96		30 (32) - 150 (175)	50%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P5217**

Client: **EarthEfficient LLC**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108361.D	PIBLK-PO108361.D	Tetrachloro-m-xylene	1	20	23.0	115		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.6	118		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.6	108		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.6	118		70 (60)	130 (140)
I.BLK-PO108434.D	PIBLK-PO108434.D	Tetrachloro-m-xylene	1	20	23.6	118		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.1	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	23.2	116		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	24.5	123		70 (60)	130 (140)
PB165518BL	PB165518BL	Tetrachloro-m-xylene	1	20	21.0	105		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.0	105		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.3	101		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.3	111		30 (32)	150 (175)
PB165518BS	PB165518BS	Tetrachloro-m-xylene	1	20	20.3	101		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.9	105		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.2	111		30 (32)	150 (175)
P5216-01MS	BP-G-6MS	Tetrachloro-m-xylene	1	20	21.2	106		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.8	99		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.1	105		30 (32)	150 (175)
P5216-01MSD	BP-G-6MSD	Tetrachloro-m-xylene	1	20	20.9	105		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.8	99		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.0	105		30 (32)	150 (175)
I.BLK-PO108449.D	PIBLK-PO108449.D	Tetrachloro-m-xylene	1	20	23.8	119		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.7	119		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	23.8	119		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	26.1	131	*	70 (60)	130 (140)
P5217-01	MIXED-DEMO	Tetrachloro-m-xylene	1	20	12.5	62		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	8.31	42		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	11.1	55		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	9.96	50		30 (32)	150 (175)
I.BLK-PO108464.D	PIBLK-PO108464.D	Tetrachloro-m-xylene	1	20	24.1	121		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.5	108		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.7	124		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	25.9	130		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5217

Client: EarthEfficient LLC

Analytical Method: 8082A

DataFile : PO108440.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	BP-G-6MS											
P5216-01MS	AR1016	185.3	0	211	ug/kg	114				40 (55)	140 (146)	
	AR1260	185.3	0	208	ug/kg	112				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5217

Client: EarthEfficient LLC

Analytical Method: 8082A

DataFile : PO108441.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	BP-G-6MSD											
P5216-01MSD	AR1016	185.4	0	211	ug/kg	114		0		40 (55)	140 (146)	30 (20)
	AR1260	185.4	0	208	ug/kg	112		0		40 (45)	140 (144)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5217

Client: EarthEfficient LLC

Analytical Method: **8082A** **Datafile :** PO108437.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165518BS	AR1016	166.6	154	ug/kg	92				40 (71)	140 (120)		
	AR1260	166.6	161	ug/kg	97				40 (65)	140 (130)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165518BL

Lab Name: CHEMTECH

Contract: EART12

Lab Code: CHEM Case No.: P5217

SAS No.: P5217 SDG NO.: P5217

Lab Sample ID: PB165518BL

Lab File ID: PO108436.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/10/2024

Date Analyzed (1): 12/10/2024

Date Analyzed (2): 12/10/2024

Time Analyzed (1): 12:25

Time Analyzed (2): 12:25

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB165518BS	PB165518BS	PO108437.D	12/10/2024	12/10/2024
BP-G-6MS	P5216-01MS	PO108440.D	12/10/2024	12/10/2024
BP-G-6MSD	P5216-01MSD	PO108441.D	12/10/2024	12/10/2024
MIXED-DEMO	P5217-01	PO108451.D	12/10/2024	12/10/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	EarthEfficient LLC		Date Collected:		
Project:	45-40 Vernon Blvd LIC		Date Received:		
Client Sample ID:	PB165518BL		SDG No.:	P5217	
Lab Sample ID:	PB165518BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	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
PO108436.D	1	12/10/24 08:15	12/10/24 12:25	PB165518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		30 (32) - 150 (144)	105%	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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	EarthEfficient LLC		Date Collected:	12/06/24	
Project:	45-40 Vernon Blvd LIC		Date Received:	12/06/24	
Client Sample ID:	PIBLK-PO108361.D		SDG No.:	P5217	
Lab Sample ID:	I.BLK-PO108361.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
PO108361.D	1		12/06/24	PO120624

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	21.6		70 (60) - 130 (140)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		70 (60) - 130 (140)	118%	SPK: 20

Comments:

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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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/10/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/10/24
Client Sample ID:	PIBLK-PO108434.D	SDG No.:	P5217
Lab Sample ID:	I.BLK-PO108434.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108434.D	1		12/10/24	PO121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		70 (60) - 130 (140)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		70 (60) - 130 (140)	110%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/10/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/10/24
Client Sample ID:	PIBLK-PO108449.D	SDG No.:	P5217
Lab Sample ID:	I.BLK-PO108449.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108449.D	1		12/10/24	PO121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.8		70 (60) - 130 (140)	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		70 (60) - 130 (140)	119%	SPK: 20

Comments:

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/10/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/10/24
Client Sample ID:	PIBLK-PO108464.D	SDG No.:	P5217
Lab Sample ID:	I.BLK-PO108464.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108464.D	1		12/10/24	PO121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.1		70 (60) - 130 (140)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		70 (60) - 130 (140)	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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* = Values outside of QC limits

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	
Project:	45-40 Vernon Blvd LIC	Date Received:	
Client Sample ID:	PB165518BS	SDG No.:	P5217
Lab Sample ID:	PB165518BS	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
PO108437.D	1	12/10/24 08:15	12/10/24 12:43	PB165518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	154		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	161		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		30 (32) - 150 (144)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		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:	EarthEfficient LLC	Date Collected:	12/07/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/09/24
Client Sample ID:	BP-G-6MS	SDG No.:	P5217
Lab Sample ID:	P5216-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.8
Sample Wt/Vol:	30.05	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
PO108440.D	1	12/10/24 08:15	12/10/24 13:38	PB165518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	211		3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	208		3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		30 (32) - 150 (175)	105%	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:	EarthEfficient LLC	Date Collected:	12/07/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/09/24
Client Sample ID:	BP-G-6MSD	SDG No.:	P5217
Lab Sample ID:	P5216-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108441.D	1	12/10/24 08:15	12/10/24 13:56	PB165518

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	211		3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	208		3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		30 (32) - 150 (144)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		30 (32) - 150 (175)	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.79	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Instrument ID: ECD_O

Calibration Date(s): 12/06/2024 12/06/2024

Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	291946997	297743768	310620664	319628964	322276700	308443419
Aroclor-1016-2	(2)	404548343	410201719	419086158	434302728	418957120	417419214
Aroclor-1016-3	(3)	276313882	283350735	295214768	305005424	303271420	292631246
Aroclor-1016-4	(4)	219460370	224028880	231955104	239248200	241192240	231176959
Aroclor-1016-5	(5)	230837381	238568924	249276722	260302648	279364560	251670047
Aroclor-1260-1	(1)	430087746	435401064	458150304	486996644	475087940	457144740
Aroclor-1260-2	(2)	526959551	526383048	555764632	590931960	578558580	555719554
Aroclor-1260-3	(3)	436965341	443883275	464184392	487588856	485769460	463678265
Aroclor-1260-4	(4)	403312630	406530869	426472890	444299896	446086500	425340557
Aroclor-1260-5	(5)	957132439	955503789	984649950	1000570432	961557080	971882738
Decachlorobiphenyl		7019975940	7102279760	7343195240	7645101200	7409935200	7304097468
Tetrachloro-m-xylene		8754554380	8783699800	8926447760	8858353120	8177601800	8700131372
Aroclor-1242-1	(1)	247125512	244458381	250566506	269052152	275422740	257325058
Aroclor-1242-2	(2)	337820704	332549081	339649972	356992284	358797680	345161944
Aroclor-1242-3	(3)	232389462	228960781	237971694	251417972	255318460	241211674
Aroclor-1242-4	(4)	184244210	179103536	186955244	196540012	206728220	190714244
Aroclor-1242-5	(5)	194011522	194743607	197474576	218140108	233983940	207670751
Decachlorobiphenyl		7151632520	7167100640	7259242160	7695082840	7616154000	7377842432
Tetrachloro-m-xylene		8921368150	8691850413	8750108140	8842570400	8500038400	8741187101
Aroclor-1248-1	(1)	180443308	190883876	199902132	213303984	216831760	200273012
Aroclor-1248-2	(2)	246301061	262357348	276907834	298582396	301778920	277185512
Aroclor-1248-3	(3)	307776547	326479597	342321706	362333244	366087160	340999651
Aroclor-1248-4	(4)	437732929	457834677	479474244	502800428	504795820	476527620
Aroclor-1248-5	(5)	308766537	323271540	339143702	357998428	363873980	338610837
Decachlorobiphenyl		7041971050	7340001867	7677772660	8334328560	8377267200	7754268267
Tetrachloro-m-xylene		8742483090	9116744787	9342439560	9446963040	8577776400	9045281375
Aroclor-1254-1	(1)	463230517	487037587	512031514	533861324	572040640	513640316
Aroclor-1254-2	(2)	407035308	429134731	452892530	476390932	511836900	455458080
Aroclor-1254-3	(3)	665923649	695083201	726473802	743208540	769953480	720128534
Aroclor-1254-4	(4)	404280854	421077525	444268156	458648100	465789400	438812807
Aroclor-1254-5	(5)	578915300	604639081	636092894	662542188	693421140	635122121
Decachlorobiphenyl		7146512650	7451889427	7845842200	8029803560	8289288000	7752667167
Tetrachloro-m-xylene		8916956510	9205112240	9483653100	9313097600	8995829000	9182929690
Aroclor-1268-1	(1)	1246089127	1198545457	1234114434	1276827264	1264498100	1244014876

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1144198522	1088520925	1112229462	1147435628	1115923840	1121661675	2
Aroclor-1268-3	(3)	940965396	832346444	919340748	953365360	884986220	906200834	5
Aroclor-1268-4	(4)	385949324	370268229	384086808	404665236	389544200	386902759	3
Aroclor-1268-5	(5)	2890019913	2756282528	2773652360	2815336668	2624622080	2771982710	4
Decachlorobiphenyl		13116054520	12684928373	12985206200	13660251040	13550255000	13199339027	3
Tetrachloro-m-xylene		9439924600	8926085107	9366220020	9585299080	8679584000	9199422561	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Instrument ID: ECD_O

Calibration Date(s): 12/06/2024 12/06/2024

Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	153895169	156728372	161981056	169073964	160692820	4
Aroclor-1016-2	(2)	216342839	218481491	224728354	232664856	218246400	3
Aroclor-1016-3	(3)	120117826	122069885	126984464	131660600	128335340	4
Aroclor-1016-4	(4)	96843518	100727947	106065160	112123848	108269060	6
Aroclor-1016-5	(5)	124135109	128707045	133919966	139473364	149819760	7
Aroclor-1260-1	(1)	220557751	224688929	233372252	247245708	244312440	5
Aroclor-1260-2	(2)	265498816	268435476	278836448	291165028	298902840	5
Aroclor-1260-3	(3)	247895049	250737920	258985508	271036448	289186460	6
Aroclor-1260-4	(4)	206205103	207830825	214807128	221847076	213061100	3
Aroclor-1260-5	(5)	485216265	483370987	491130416	498849136	461100640	3
Decachlorobiphenyl		3766442770	3798929547	3925647180	4081005080	3802565400	3
Tetrachloro-m-xylene		5125815400	5157614040	5227779180	5235220160	4600485000	5
Aroclor-1242-1	(1)	129471703	129065633	132661290	141454628	146186400	6
Aroclor-1242-2	(2)	181117644	180316532	183263990	191612732	190980420	3
Aroclor-1242-3	(3)	100948316	100485531	102947708	108518220	114012140	5
Aroclor-1242-4	(4)	100375229	100398940	104407974	111868140	119593080	8
Aroclor-1242-5	(5)	119243844	118999972	122020908	130935164	140800680	7
Decachlorobiphenyl		3837824030	3881889067	3932164520	4142632320	3981873600	3
Tetrachloro-m-xylene		5175637870	5056121747	5062590080	5077379040	4694060200	4
Aroclor-1248-1	(1)	96151235	101173276	106208356	111512520	110549280	6
Aroclor-1248-2	(2)	134456241	142517627	150226096	159660040	159777460	7
Aroclor-1248-3	(3)	143332101	151082947	159714030	169070604	168858280	7
Aroclor-1248-4	(4)	168393487	177299203	184813874	193701216	188544620	5
Aroclor-1248-5	(5)	162171392	168228800	176144562	182809080	188663420	6
Decachlorobiphenyl		3812249930	3973614533	4145380680	4445118560	4295672800	6
Tetrachloro-m-xylene		4965646150	5143987440	5236574340	5255843080	4633325600	5
Aroclor-1254-1	(1)	245816740	256457156	269229946	279215328	303441080	8
Aroclor-1254-2	(2)	215464605	225390397	238770420	248817564	271658880	9
Aroclor-1254-3	(3)	351887512	364509791	380441060	386791796	393925500	5
Aroclor-1254-4	(4)	202983022	209924784	220508360	226093392	228876240	5
Aroclor-1254-5	(5)	301571990	312619885	327015726	332817532	339773740	5
Decachlorobiphenyl		3941299730	4071714027	4258931580	4374402200	4331619600	4
Tetrachloro-m-xylene		5092418740	5228867107	5367266300	5227916200	4998387200	3
Aroclor-1268-1	(1)	656711077	629047555	645909990	662020976	635929760	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	598855523	573599667	581583226	594062960	559533920	581527059	3
Aroclor-1268-3	(3)	514109640	473779721	502419092	515326152	488714860	498869893	4
Aroclor-1268-4	(4)	204541613	194882907	202546298	212150808	201074520	203039229	3
Aroclor-1268-5	(5)	1554458685	1488724905	1492118486	1500575756	1388253260	1484826218	4
Decachlorobiphenyl		7216327300	6964723040	7142803680	7406390760	7194775600	7185004076	2
Tetrachloro-m-xylene		5353757740	5060175947	5259788400	5326606440	4764065600	5152878825	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.93	3.83	4.03	113144000
		2	4.01	3.91	4.11	86720400
		3	4.09	3.99	4.19	254206000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.09	3.99	4.19	204770000
		2	4.59	4.49	4.69	114353000
		3	4.83	4.73	4.93	197477000
		4	5.01	4.91	5.11	108380000
		5	5.05	4.95	5.15	78329400
Aroclor-1262	500	1	6.87	6.77	6.97	658396000
		2	7.37	7.27	7.47	1111710000
		3	7.65	7.55	7.75	436856000
		4	7.72	7.62	7.82	806298000
		5	8.22	8.12	8.32	354936000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.92	3.82	4.02	62122600
		2	4.01	3.91	4.11	47445000
		3	4.08	3.98	4.18	140587000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	112052000
		2	4.82	4.72	4.92	105754000
		3	4.99	4.89	5.09	60347200
		4	5.08	4.98	5.18	55556400
		5	5.25	5.15	5.35	57576200
Aroclor-1262	500	1	6.84	6.74	6.94	337974000
		2	7.34	7.24	7.44	571854000
		3	7.62	7.52	7.72	224428000
		4	7.69	7.59	7.79	409588000
		5	8.18	8.08	8.28	184828000

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 09:25 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-2	(2)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.00
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 09:25 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.47	6.37	6.57	0.00
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.73	8.74	8.64	8.84	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108430.D Time Analyzed: 09:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.806	4.709	4.909	528.530	500.000	5.7
Aroclor-1016-2	4.826	4.729	4.929	535.930	500.000	7.2
Aroclor-1016-3	4.882	4.785	4.985	527.970	500.000	5.6
Aroclor-1016-4	5.003	4.907	5.107	539.570	500.000	7.9
Aroclor-1016-5	5.262	5.165	5.365	540.020	500.000	8.0
Aroclor-1260-1	6.306	6.210	6.410	518.530	500.000	3.7
Aroclor-1260-2	6.494	6.398	6.598	512.820	500.000	2.6
Aroclor-1260-3	6.864	6.769	6.969	480.430	500.000	-3.9
Aroclor-1260-4	7.125	7.029	7.229	463.890	500.000	-7.2
Aroclor-1260-5	7.366	7.270	7.470	497.800	500.000	-0.4
Decachlorobiphenyl	8.784	8.691	8.891	45.050	50.000	-9.9
Tetrachloro-m-xylene	3.708	3.610	3.810	53.830	50.000	7.7

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108430.D Time Analyzed: 09:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.794	4.698	4.898	549.880	500.000	10.0
Aroclor-1016-2	4.814	4.718	4.918	546.860	500.000	9.4
Aroclor-1016-3	4.990	4.894	5.094	534.700	500.000	6.9
Aroclor-1016-4	5.031	4.935	5.135	491.320	500.000	-1.7
Aroclor-1016-5	5.245	5.150	5.350	501.850	500.000	0.4
Aroclor-1260-1	6.281	6.186	6.386	545.810	500.000	9.2
Aroclor-1260-2	6.468	6.373	6.573	554.750	500.000	11.0
Aroclor-1260-3	6.622	6.527	6.727	544.860	500.000	9.0
Aroclor-1260-4	7.094	7.000	7.200	541.050	500.000	8.2
Aroclor-1260-5	7.334	7.239	7.439	543.290	500.000	8.7
Decachlorobiphenyl	8.732	8.641	8.841	50.360	50.000	0.7
Tetrachloro-m-xylene	3.706	3.608	3.808	54.120	50.000	8.2

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 15:52 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-2	(2)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 15:52 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.47	6.37	6.57	0.00
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.73	8.74	8.64	8.84	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108445.D Time Analyzed: 15:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.807	4.709	4.909	516.500	500.000	3.3
Aroclor-1016-2	4.826	4.729	4.929	526.670	500.000	5.3
Aroclor-1016-3	4.882	4.785	4.985	523.180	500.000	4.6
Aroclor-1016-4	5.004	4.907	5.107	521.190	500.000	4.2
Aroclor-1016-5	5.262	5.165	5.365	515.310	500.000	3.1
Aroclor-1260-1	6.306	6.210	6.410	505.860	500.000	1.2
Aroclor-1260-2	6.494	6.398	6.598	507.010	500.000	1.4
Aroclor-1260-3	6.863	6.769	6.969	509.420	500.000	1.9
Aroclor-1260-4	7.124	7.029	7.229	505.260	500.000	1.1
Aroclor-1260-5	7.365	7.270	7.470	505.220	500.000	1.0
Decachlorobiphenyl	8.781	8.691	8.891	47.940	50.000	-4.1
Tetrachloro-m-xylene	3.709	3.610	3.810	52.390	50.000	4.8

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108445.D Time Analyzed: 15:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.794	4.698	4.898	552.000	500.000	10.4
Aroclor-1016-2	4.814	4.718	4.918	552.380	500.000	10.5
Aroclor-1016-3	4.990	4.894	5.094	540.910	500.000	8.2
Aroclor-1016-4	5.031	4.935	5.135	540.230	500.000	8.0
Aroclor-1016-5	5.245	5.150	5.350	493.430	500.000	-1.3
Aroclor-1260-1	6.280	6.186	6.386	549.290	500.000	9.9
Aroclor-1260-2	6.467	6.373	6.573	551.630	500.000	10.3
Aroclor-1260-3	6.621	6.527	6.727	547.660	500.000	9.5
Aroclor-1260-4	7.094	7.000	7.200	564.580	500.000	12.9
Aroclor-1260-5	7.333	7.239	7.439	570.670	500.000	14.1
Decachlorobiphenyl	8.732	8.641	8.841	52.580	50.000	5.2
Tetrachloro-m-xylene	3.706	3.608	3.808	54.660	50.000	9.3

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 21:10 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-2	(2)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.31	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Continuing Calib Date: 12/10/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 21:10 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.00
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.47	6.37	6.57	0.00
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.73	8.74	8.64	8.84	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL03 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108460.D Time Analyzed: 21:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.806	4.709	4.909	520.980	500.000	4.2
Aroclor-1016-2	4.826	4.729	4.929	517.570	500.000	3.5
Aroclor-1016-3	4.882	4.785	4.985	519.270	500.000	3.9
Aroclor-1016-4	5.004	4.907	5.107	517.350	500.000	3.5
Aroclor-1016-5	5.262	5.165	5.365	500.070	500.000	0.0
Aroclor-1260-1	6.305	6.210	6.410	472.020	500.000	-5.6
Aroclor-1260-2	6.494	6.398	6.598	452.680	500.000	-9.5
Aroclor-1260-3	6.863	6.769	6.969	449.120	500.000	-10.2
Aroclor-1260-4	7.124	7.029	7.229	460.950	500.000	-7.8
Aroclor-1260-5	7.365	7.270	7.470	453.630	500.000	-9.3
Decachlorobiphenyl	8.782	8.691	8.891	41.980	50.000	-16.0
Tetrachloro-m-xylene	3.709	3.610	3.810	52.250	50.000	4.5

CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL03 Date Analyzed: 12/10/2024

Lab Sample No.: AR1660CCC500 Data File : PO108460.D Time Analyzed: 21:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.794	4.698	4.898	569.110	500.000	13.8
Aroclor-1016-2	4.814	4.718	4.918	562.750	500.000	12.6
Aroclor-1016-3	4.990	4.894	5.094	555.150	500.000	11.0
Aroclor-1016-4	5.032	4.935	5.135	543.960	500.000	8.8
Aroclor-1016-5	5.246	5.150	5.350	503.000	500.000	0.6
Aroclor-1260-1	6.281	6.186	6.386	539.260	500.000	7.9
Aroclor-1260-2	6.467	6.373	6.573	527.630	500.000	5.5
Aroclor-1260-3	6.621	6.527	6.727	516.760	500.000	3.4
Aroclor-1260-4	7.094	7.000	7.200	529.440	500.000	5.9
Aroclor-1260-5	7.333	7.239	7.439	526.350	500.000	5.3
Decachlorobiphenyl	8.732	8.641	8.841	49.970	50.000	-0.1
Tetrachloro-m-xylene	3.707	3.608	3.808	56.150	50.000	12.3

Analytical Sequence

Client: EarthEfficient LLC

SDG No.: P5217

Project: 45-40 Vernon Blvd LIC

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 12/06/2024

12/06/2024

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 #
1.BLK	1.BLK	12/06/2024	14:01	PO108361.D	8.79	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.79	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.79	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.79	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.79	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.79	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.79	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.79	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.79	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.79	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.79	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.79	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.79	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.79	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.79	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.79	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.79	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.79	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.79	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.79	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.79	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.79	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.79	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.79	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.79	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.79	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.79	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.79	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.79	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	09:25	PO108430.D	8.78	3.71
1.BLK	1.BLK	12/10/2024	10:56	PO108434.D	8.78	3.71
PB165518BL	PB165518BL	12/10/2024	12:25	PO108436.D	8.78	3.71
PB165518BS	PB165518BS	12/10/2024	12:43	PO108437.D	8.78	3.71
BP-G-6MS	P5216-01MS	12/10/2024	13:38	PO108440.D	8.78	3.71
BP-G-6MSD	P5216-01MSD	12/10/2024	13:56	PO108441.D	8.78	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	15:52	PO108445.D	8.78	3.71
1.BLK	1.BLK	12/10/2024	17:06	PO108449.D	8.78	3.71
MIXED-DEMO	P5217-01	12/10/2024	17:43	PO108451.D	8.78	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	21:10	PO108460.D	8.78	3.71
1.BLK	1.BLK	12/10/2024	22:24	PO108464.D	8.78	3.71

Analytical Sequence

Client: EarthEfficient LLC

SDG No.: P5217

Project: 45-40 Vernon Blvd LIC

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 12/06/2024

12/06/2024

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	12/06/2024	14:01	PO108361.D	8.74	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.74	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.74	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.74	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.74	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.74	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.74	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.74	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.74	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.74	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.74	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.74	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.74	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.74	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.74	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.74	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.74	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.74	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.74	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.74	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.74	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.74	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.74	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.74	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.74	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.74	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.74	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.74	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.74	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	09:25	PO108430.D	8.73	3.71
IBLK	IBLK	12/10/2024	10:56	PO108434.D	8.73	3.71
PB165518BL	PB165518BL	12/10/2024	12:25	PO108436.D	8.73	3.71
PB165518BS	PB165518BS	12/10/2024	12:43	PO108437.D	8.73	3.71
BP-G-6MS	P5216-01MS	12/10/2024	13:38	PO108440.D	8.73	3.71
BP-G-6MSD	P5216-01MSD	12/10/2024	13:56	PO108441.D	8.73	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	15:52	PO108445.D	8.73	3.71
IBLK	IBLK	12/10/2024	17:06	PO108449.D	8.73	3.71
MIXED-DEMO	P5217-01	12/10/2024	17:43	PO108451.D	8.73	3.71
AR1660CCC500	AR1660CCC500	12/10/2024	21:10	PO108460.D	8.73	3.71
IBLK	IBLK	12/10/2024	22:24	PO108464.D	8.73	3.71

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165518BS

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Lab Sample ID: PB165518BS Date(s) Analyzed: 12/10/2024 12/10/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO108437.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.806	4.756	4.856	156	154	1.31
COLUMN 1	2	4.827	4.777	4.877	156		
	3	4.882	4.832	4.932	155		
	4	5.004	4.954	5.054	155		
	5	5.261	5.211	5.311	150		
	1	4.794	4.744	4.844	159		
COLUMN 2	2	4.814	4.764	4.864	159	152	
	3	4.989	4.939	5.039	157		
	4	5.031	4.981	5.081	154		
	5	5.245	5.195	5.295	132		
Aroclor-1260	1	6.306	6.256	6.356	160	146	9.77
COLUMN 1	2	6.494	6.444	6.544	160		
	3	6.863	6.813	6.913	139		
	4	7.126	7.076	7.176	136		
	5	7.366	7.316	7.416	134		
	1	6.28	6.23	6.33	167		
COLUMN 2	2	6.467	6.417	6.517	166	161	
	3	6.621	6.571	6.671	167		
	4	7.094	7.044	7.144	150		
	5	7.333	7.283	7.383	152		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-G-6MS

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Lab Sample ID: P5216-01MS Date(s) Analyzed: 12/10/2024 12/10/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO108440.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.807	4.757	4.857	206	204	3.37
COLUMN 1	2	4.827	4.777	4.877	208		
	3	4.883	4.833	4.933	206		
	4	5.004	4.954	5.054	204		
	5	5.262	5.212	5.312	197		
	1	4.794	4.744	4.844	218		
COLUMN 2	2	4.814	4.764	4.864	217	211	
	3	4.99	4.94	5.04	211		
	4	5.031	4.981	5.081	204		
	5	5.245	5.195	5.295	205		
Aroclor-1260	1	6.306	6.256	6.356	203	183	12.79
COLUMN 1	2	6.494	6.444	6.544	199		
	3	6.864	6.814	6.914	173		
	4	7.125	7.075	7.175	174		
	5	7.366	7.316	7.416	168		
	1	6.281	6.231	6.331	219		
COLUMN 2	2	6.467	6.417	6.517	215	208	
	3	6.621	6.571	6.671	216		
	4	7.094	7.044	7.144	194		
	5	7.333	7.283	7.383	197		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-G-6MSD

Contract: EART12

Lab Code: CHEM Case No.: P5217 SAS No.: P5217 SDG NO.: P5217

Lab Sample ID: P5216-01MSD Date(s) Analyzed: 12/10/2024 12/10/2024

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO108441.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.807	4.757	4.857	206	203	3.86
COLUMN 1	2	4.827	4.777	4.877	206		
	3	4.882	4.832	4.932	204		
	4	5.004	4.954	5.054	203		
	5	5.262	5.212	5.312	196		
	1	4.794	4.744	4.844	218		
COLUMN 2	2	4.814	4.764	4.864	219	211	
	3	4.99	4.94	5.04	212		
	4	5.032	4.982	5.082	204		
	5	5.245	5.195	5.295	204		
Aroclor-1260	1	6.306	6.256	6.356	203	185	11.7
COLUMN 1	2	6.494	6.444	6.544	201		
	3	6.865	6.815	6.915	173		
	4	7.125	7.075	7.175	177		
	5	7.366	7.316	7.416	173		
	1	6.281	6.231	6.331	219		
COLUMN 2	2	6.468	6.418	6.518	215	208	
	3	6.621	6.571	6.671	217		
	4	7.094	7.044	7.144	194		
	5	7.333	7.283	7.383	197		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
 Data File : PO108451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2024 17:43
 Operator : YP/AJ
 Sample : P5217-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MIXED-DEMO

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: Dec 11 00:34:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.709	3.707	108.4E6	56212172	12.464	11.089
2) SA Decachlor...	8.784	8.732	60711459	38575311	8.312	9.955

Target Compounds

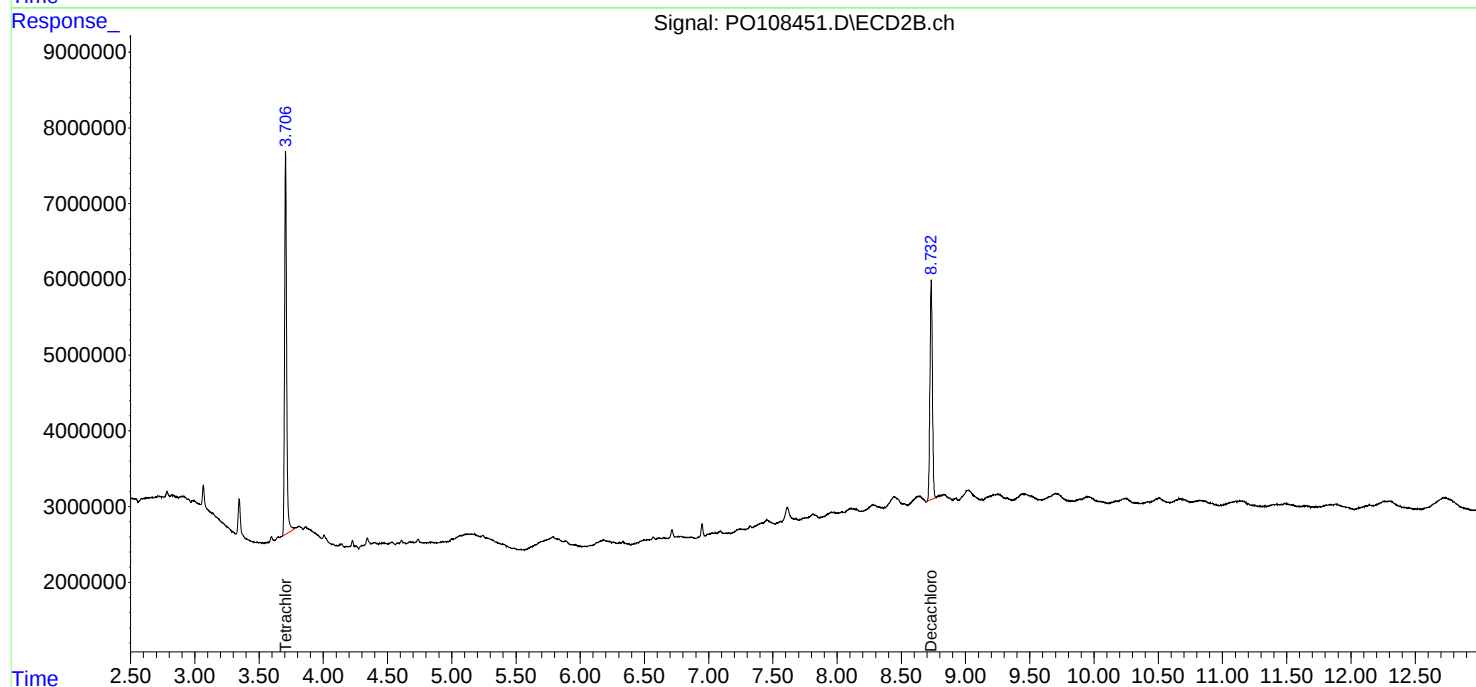
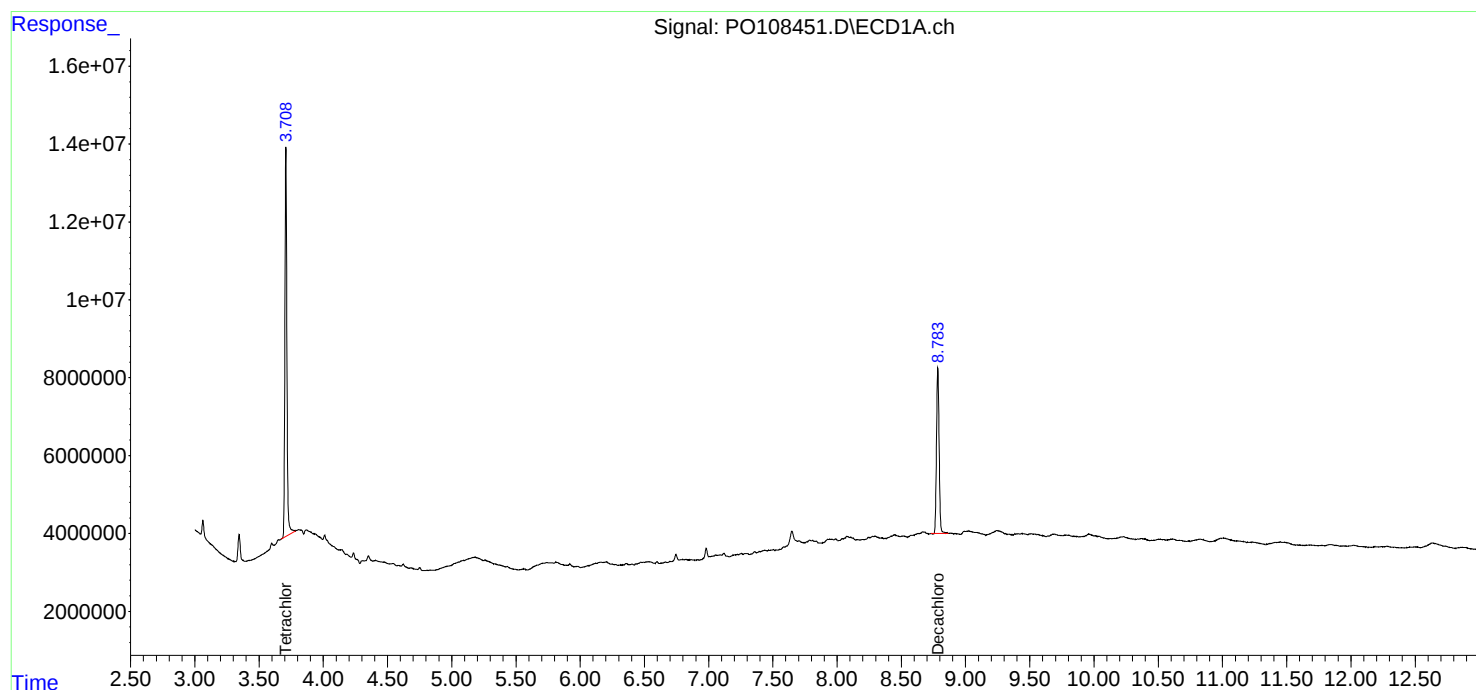
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

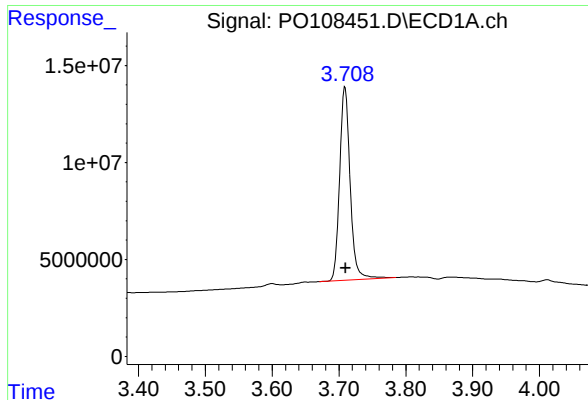
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 17:43
Operator : YP/AJ
Sample : P5217-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:34:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

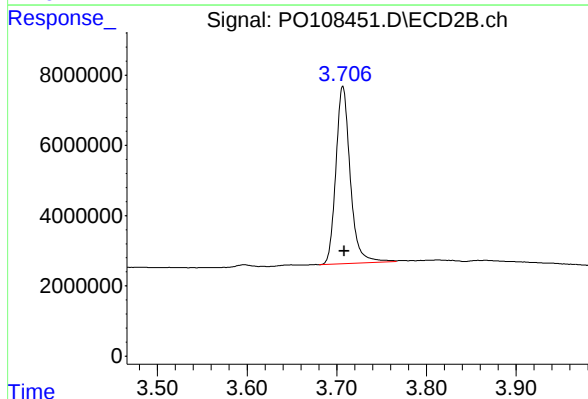




#1 Tetrachloro-m-xylene

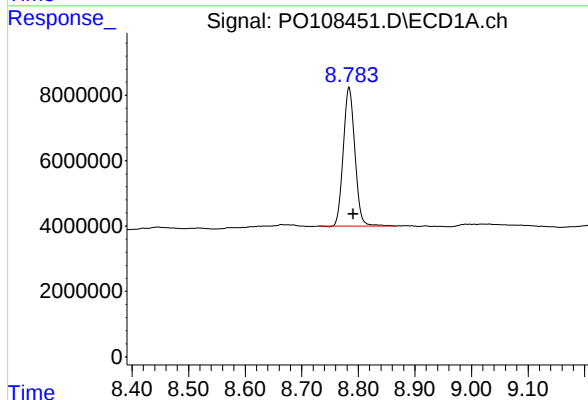
R.T.: 3.709 min
Delta R.T.: 0.000 min
Response: 108441038
Conc: 12.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO



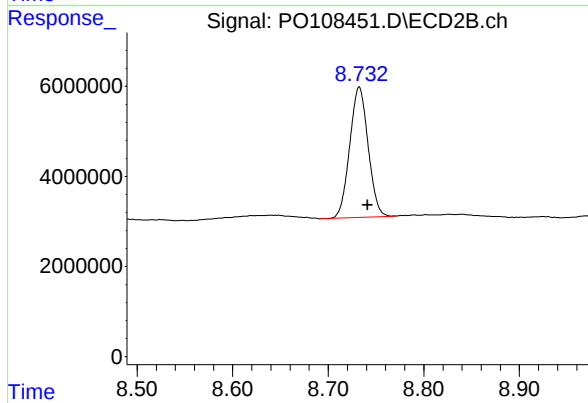
#1 Tetrachloro-m-xylene

R.T.: 3.707 min
Delta R.T.: -0.002 min
Response: 56212172
Conc: 11.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: -0.007 min
Response: 60711459
Conc: 8.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.009 min
Response: 38575311
Conc: 9.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
 Data File : PO108436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2024 12:25
 Operator : YP/AJ
 Sample : PB165518BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165518BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:30:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.708	3.705	182.8E6	102.8E6	21.013	20.272
2) SA Decachlor...	8.784	8.732	153.6E6	86255089	21.027	22.260

Target Compounds

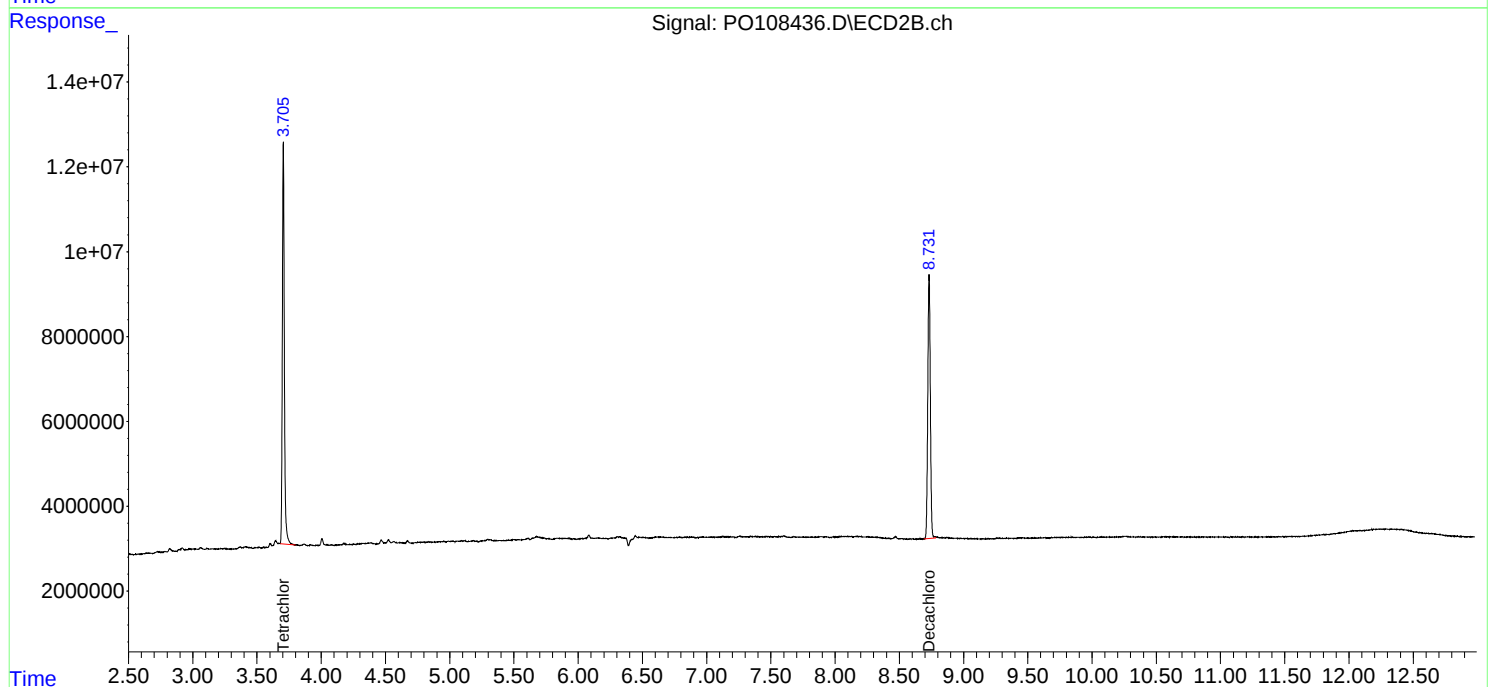
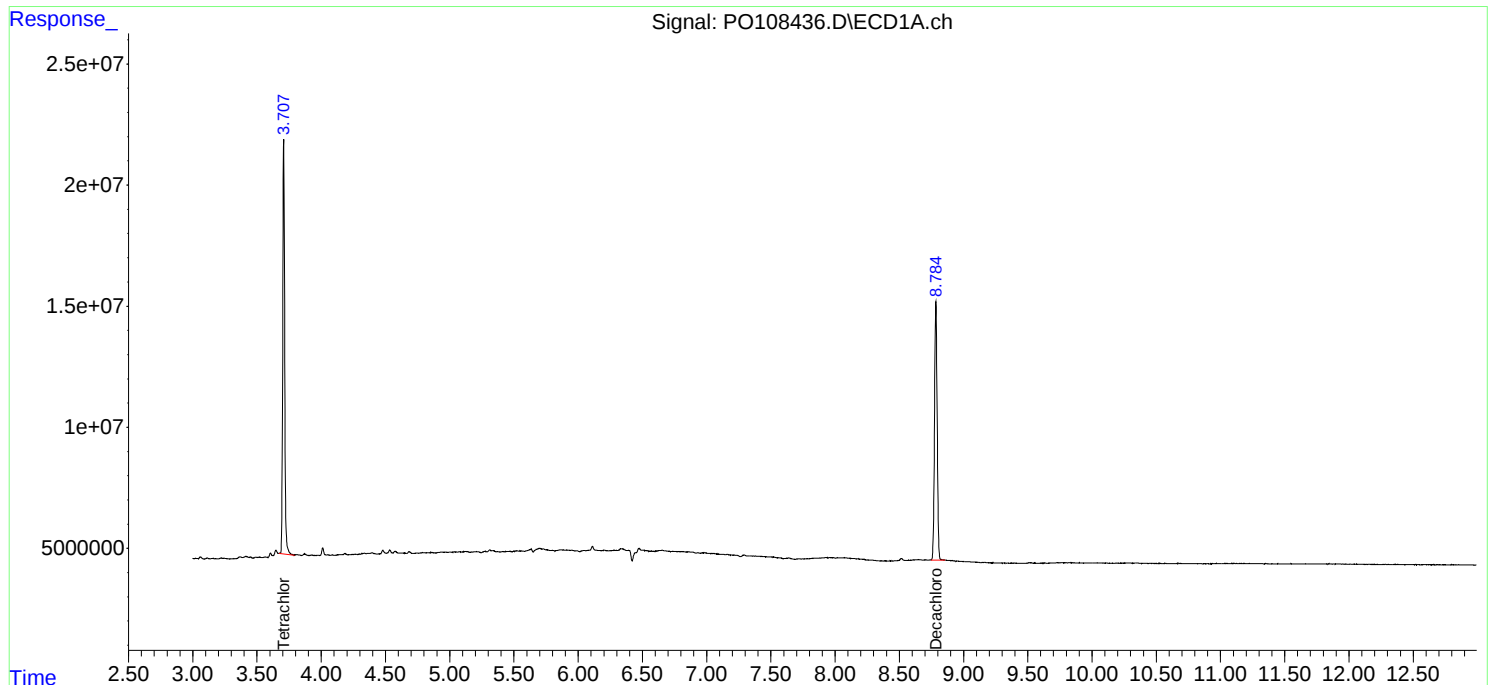
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

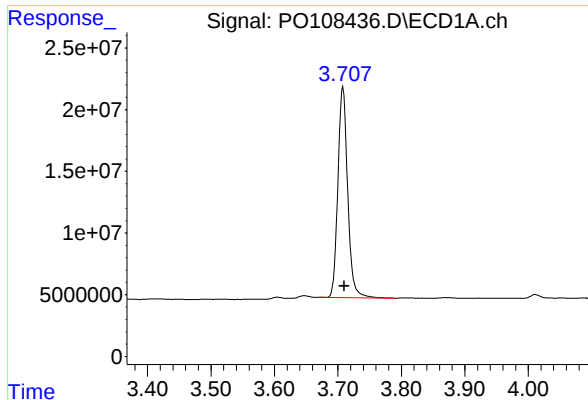
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 12:25
Operator : YP/AJ
Sample : PB165518BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165518BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:30:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

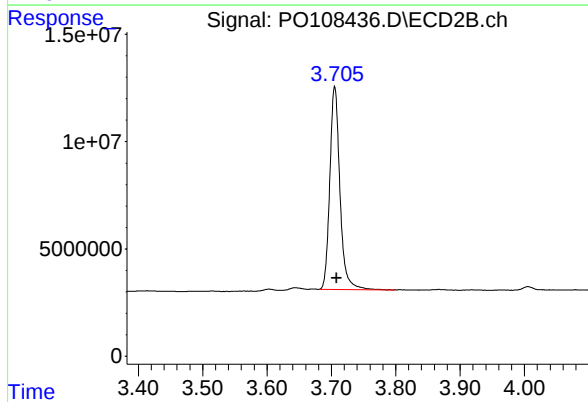




#1 Tetrachloro-m-xylene

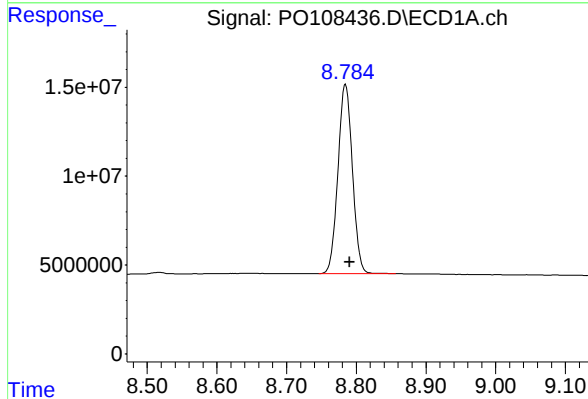
R.T.: 3.708 min
Delta R.T.: -0.002 min
Response: 182817593
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB165518BL



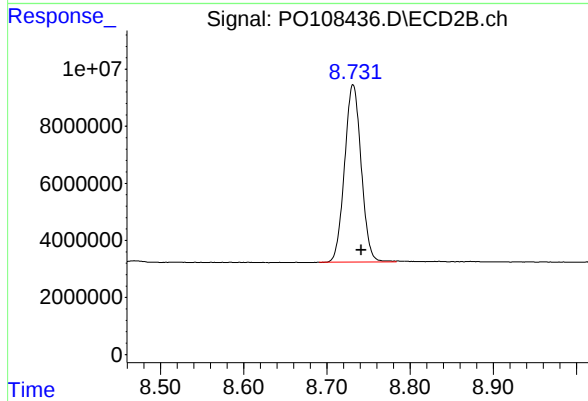
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: -0.003 min
Response: 102764806
Conc: 20.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: -0.006 min
Response: 153582590
Conc: 21.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.010 min
Response: 86255089
Conc: 22.26 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
 Data File : PO108437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2024 12:43
 Operator : YP/AJ
 Sample : PB165518BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165518BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:30:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.709	3.706	176.5E6	99129915	20.289	19.555
2) SA Decachlor...	8.784	8.732	152.8E6	86021262	20.922	22.200
Target Compounds						
3) L1 AR-1016-1	4.806	4.794	143.9E6	76646969	466.694	477.628
4) L1 AR-1016-2	4.827	4.814	195.3E6	106.1E6	467.945	477.898
5) L1 AR-1016-3	4.882	4.989	136.2E6	59169857	465.546	470.223
6) L1 AR-1016-4	5.004	5.031	107.8E6	48394075	466.147	461.749
7) L1 AR-1016-5	5.261	5.245	113.2E6	53577423	449.888	396.250
31) L7 AR-1260-1	6.306	6.280	219.9E6	117.3E6	481.078	501.034
32) L7 AR-1260-2	6.494	6.467	267.0E6	140.2E6	480.492	499.562
33) L7 AR-1260-3	6.863	6.621	193.2E6	132.1E6	416.716	501.165
34) L7 AR-1260-4	7.126	7.094	173.4E6	95957292	407.618	451.033
35) L7 AR-1260-5	7.366	7.333	390.7E6	221.1E6	402.002	456.890

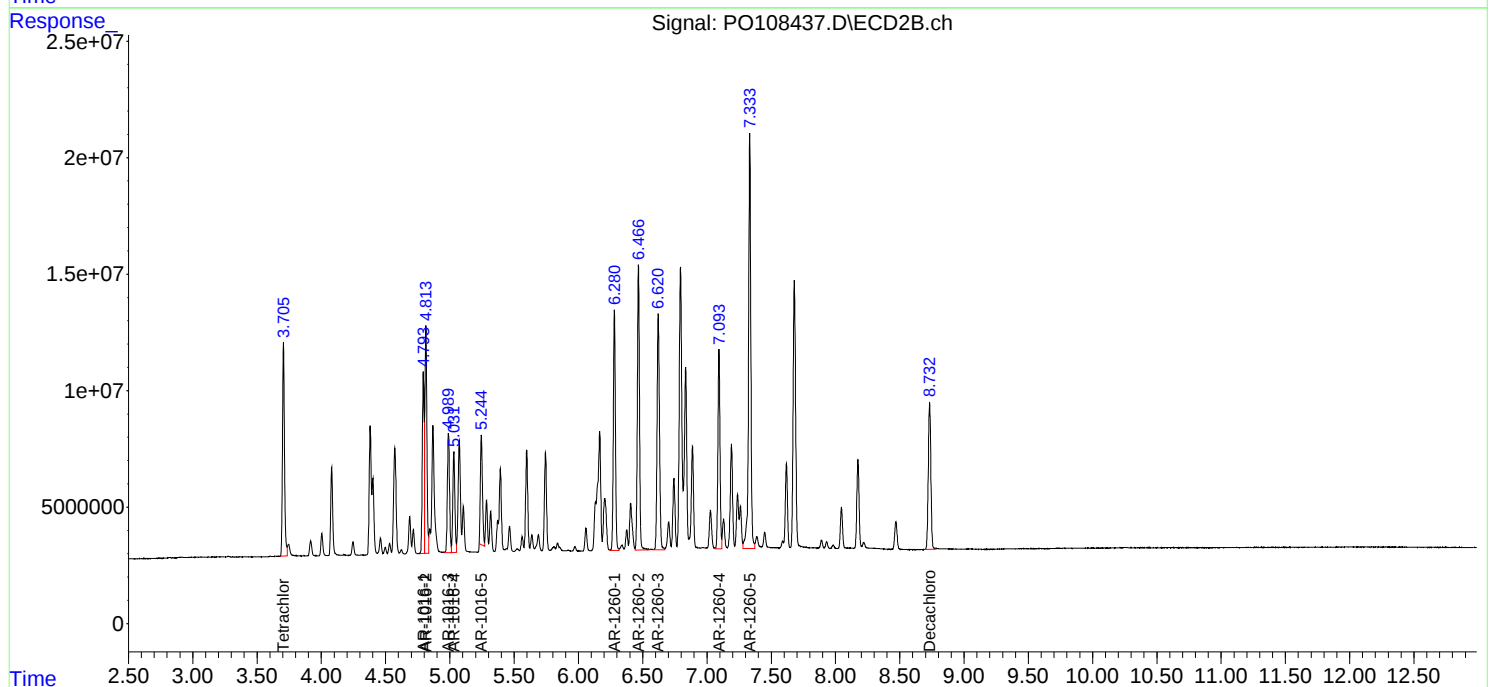
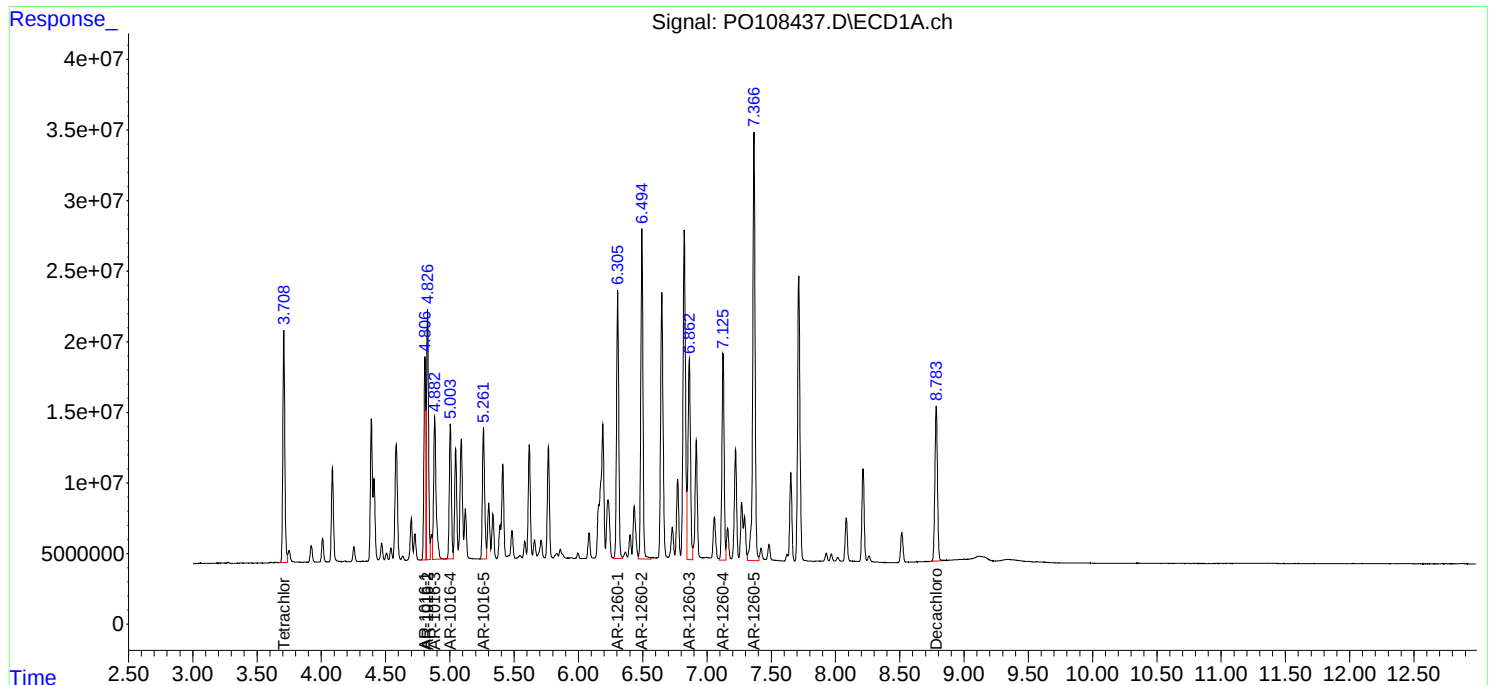
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 12:43
Operator : YP/AJ
Sample : PB165518BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165518BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:30:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
 Data File : PO108440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2024 13:38
 Operator : YP/AJ
 Sample : P5216-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

BP-G-6MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:31:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.709	3.706	184.2E6	106.6E6	21.175	21.034
2) SA Decachlor...	8.784	8.732	144.5E6	81723469	19.781	21.090
Target Compounds						
3) L1 AR-1016-1	4.807	4.794	171.7E6	94519430	556.713	589.001
4) L1 AR-1016-2	4.827	4.814	233.8E6	130.1E6	560.172	585.760
5) L1 AR-1016-3	4.883	4.990	162.6E6	71578776	555.525	568.837
6) L1 AR-1016-4	5.004	5.031	127.1E6	57727643	549.923	550.805
7) L1 AR-1016-5	5.262	5.245	133.6E6	74700204	530.689	552.471m
31) L7 AR-1260-1	6.306	6.281	250.3E6	138.1E6	547.613	589.911
32) L7 AR-1260-2	6.494	6.467	298.3E6	162.5E6	536.841	579.024
33) L7 AR-1260-3	6.864	6.621	216.2E6	153.7E6	466.213	583.125 #
34) L7 AR-1260-4	7.125	7.094	199.7E6	111.4E6	469.554	523.540
35) L7 AR-1260-5	7.366	7.333	441.3E6	257.0E6	454.048	531.082

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 13:38
Operator : YP/AJ
Sample : P5216-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

BP-G-6MS

Manual Integrations

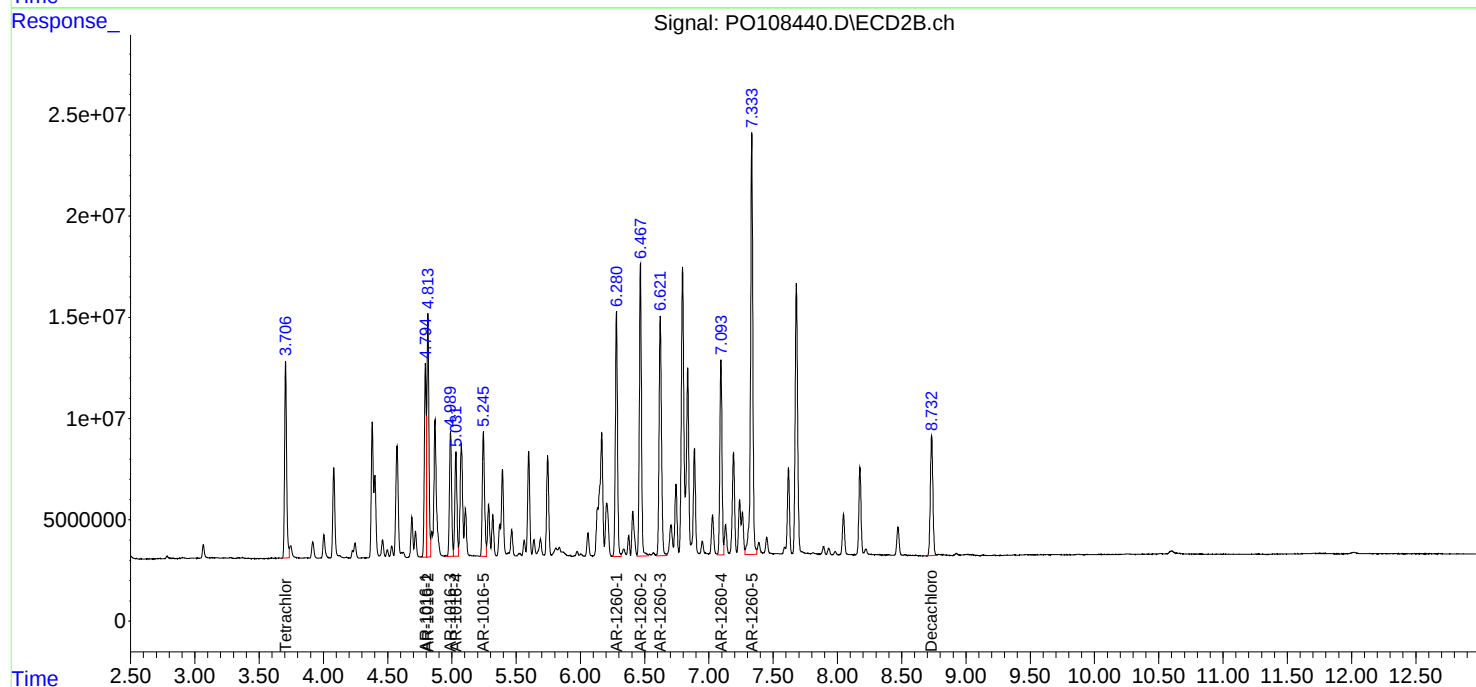
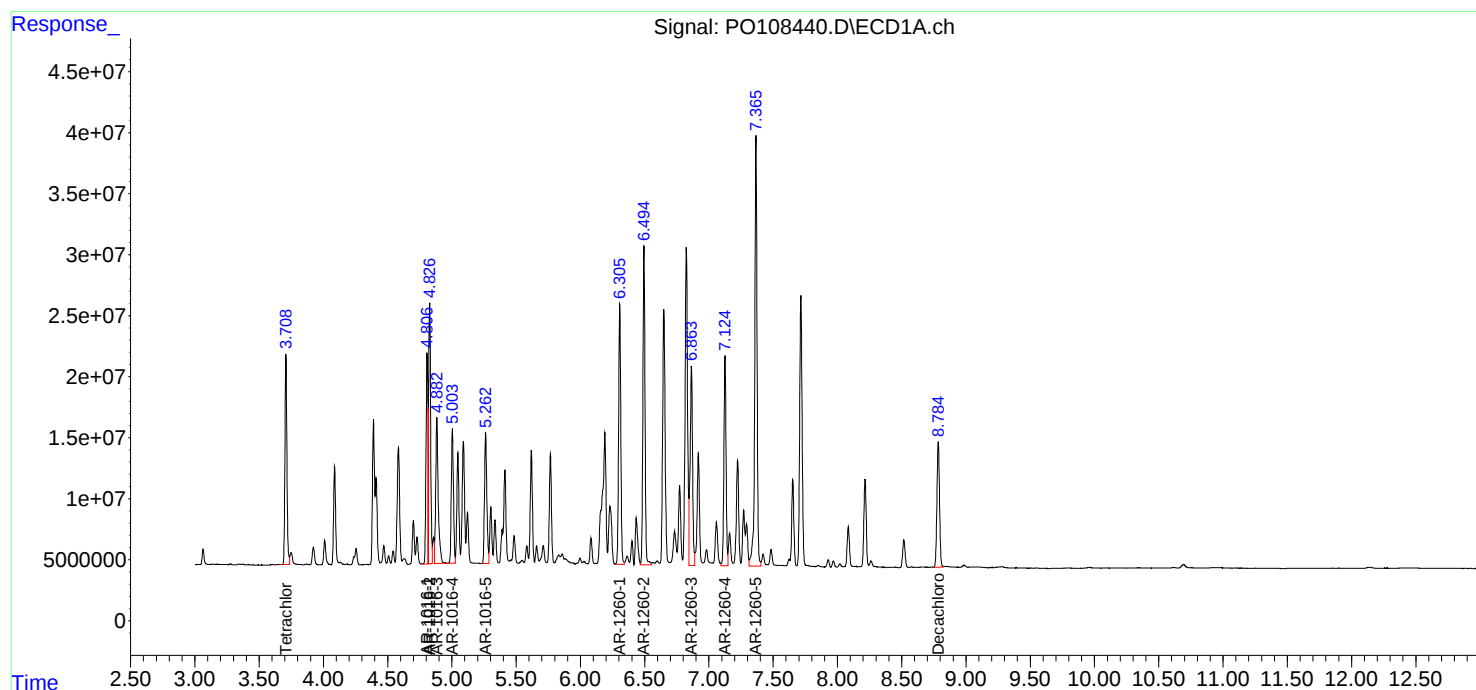
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:31:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
 Data File : PO108441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2024 13:56
 Operator : YP/AJ
 Sample : P5216-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

BP-G-6MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 00:32:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.709	3.706	182.2E6	105.2E6	20.942	20.756
2) SA Decachlor...	8.784	8.731	144.4E6	81514834	19.769	21.037
Target Compounds						
3) L1 AR-1016-1	4.807	4.794	171.3E6	94447502	555.289	588.552
4) L1 AR-1016-2	4.827	4.814	231.9E6	130.9E6	555.573	589.418
5) L1 AR-1016-3	4.882	4.990	160.7E6	71907353	549.147	571.448
6) L1 AR-1016-4	5.004	5.032	126.3E6	57642286	546.238	549.991
7) L1 AR-1016-5	5.262	5.245	133.0E6	74564602	528.445	551.468m
31) L7 AR-1260-1	6.306	6.281	250.5E6	138.0E6	548.059	589.479
32) L7 AR-1260-2	6.494	6.468	301.4E6	162.4E6	542.423	578.767
33) L7 AR-1260-3	6.865	6.621	215.7E6	154.0E6	465.297	584.439 #
34) L7 AR-1260-4	7.125	7.094	202.4E6	111.6E6	475.968	524.412
35) L7 AR-1260-5	7.366	7.333	453.4E6	257.3E6	466.488	531.631

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 13:56
Operator : YP/AJ
Sample : P5216-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

BP-G-6MSD

Manual Integrations

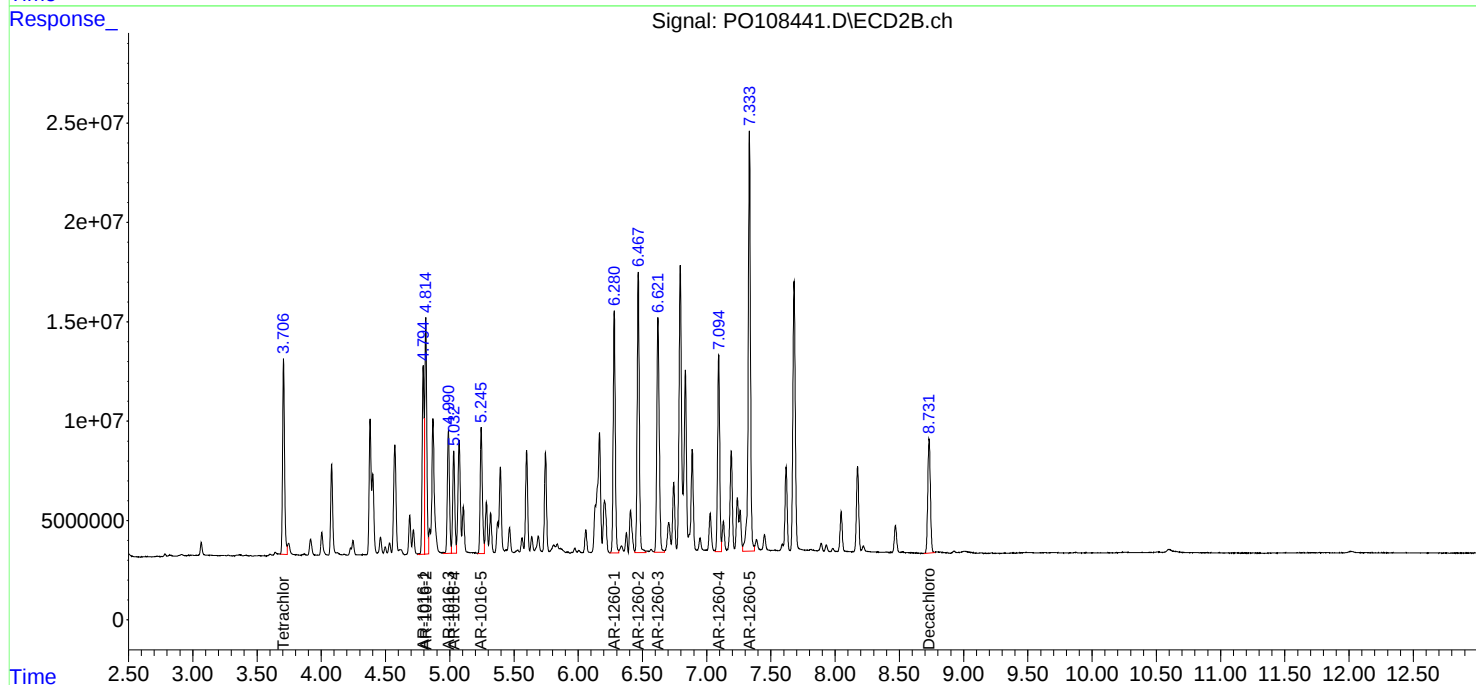
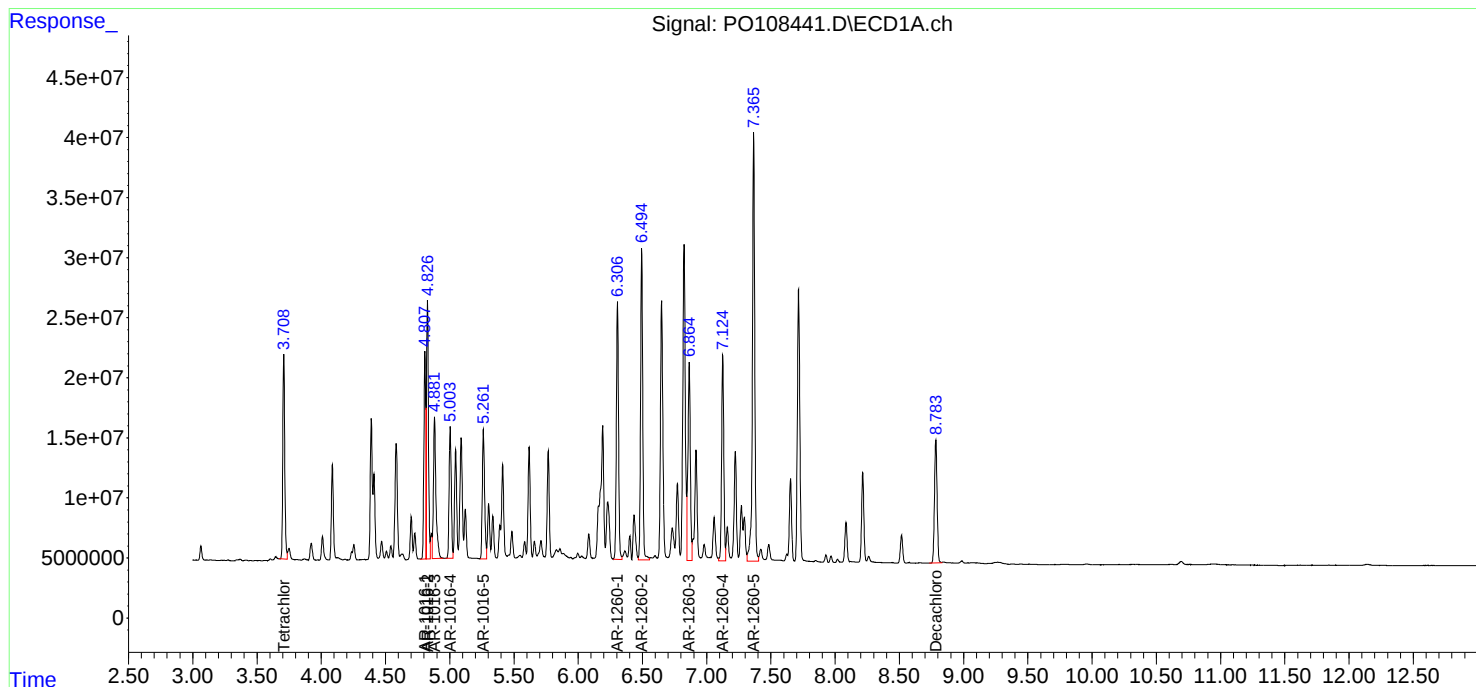
APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 00:32:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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:	PO120624	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO108366.D	AR-1016-1 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-2 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-3 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-4 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-1	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-1 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-2 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-3	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1242ICC050	PO108373.D	AR-1242-5	yogesh	12/9/2024 10:59:45 AM	Ankita	12/9/2024 11:02:58	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-3	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-4	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-5	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software

Manual Integration Report

Sequence:

PO120624

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO108383.D	AR-1254-1	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-2	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-3	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-4	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software

Manual Integration Report

Sequence:	PO121024	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P5216-01MS	PO108440.D	AR-1016-5 #2	yogesh	12/11/2024 8:27:23 AM	Ankita	12/11/2024 9:01:28	Peak Integrated by Software
P5216-01MSD	PO108441.D	AR-1016-5 #2	yogesh	12/11/2024 8:27:25 AM	Ankita	12/11/2024 9:01:30	Peak Integrated by Software
AR1248CCC50 0	PO108462.D	AR-1248-4 #2	yogesh	12/11/2024 8:27:48 AM	Ankita	12/11/2024 9:01:38	Peak Integrated by Software
AR1248CCC50 0	PO108477.D	AR-1248-4 #2	yogesh	12/11/2024 8:28:04 AM	Ankita	12/11/2024 9:01:47	Peak Integrated by Software
AR1254CCC50 0	PO108478.D	AR-1254-1	yogesh	12/11/2024 8:28:06 AM	Ankita	12/11/2024 9:01:49	Peak Integrated by Software
AR1254CCC50 0	PO108478.D	AR-1254-2	yogesh	12/11/2024 8:28:06 AM	Ankita	12/11/2024 9:01:49	Peak Integrated by Software
AR1254CCC50 0	PO108478.D	AR-1254-5	yogesh	12/11/2024 8:28:06 AM	Ankita	12/11/2024 9:01:49	Peak Integrated by Software
AR1248CCC50 0	PO108485.D	AR-1248-4 #2	yogesh	12/11/2024 8:28:08 AM	Ankita	12/11/2024 9:01:50	Peak Integrated by Software
AR1254CCC50 0	PO108486.D	AR-1254-1	yogesh	12/11/2024 8:28:10 AM	Ankita	12/11/2024 9:01:52	Peak Integrated by Software
AR1254CCC50 0	PO108486.D	AR-1254-2	yogesh	12/11/2024 8:28:10 AM	Ankita	12/11/2024 9:01:52	Peak Integrated by Software
AR1254CCC50 0	PO108486.D	AR-1254-5	yogesh	12/11/2024 8:28:10 AM	Ankita	12/11/2024 9:01:52	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108360.D	06 Dec 2024 13:43	YP/AJ	Ok
2	I.BLK	PO108361.D	06 Dec 2024 14:01	YP/AJ	Ok
3	AR1660ICC1000	PO108362.D	06 Dec 2024 14:19	YP/AJ	Ok
4	AR1660ICC750	PO108363.D	06 Dec 2024 14:38	YP/AJ	Ok
5	AR1660ICC500	PO108364.D	06 Dec 2024 14:56	YP/AJ	Ok
6	AR1660ICC250	PO108365.D	06 Dec 2024 15:14	YP/AJ	Ok
7	AR1660ICC050	PO108366.D	06 Dec 2024 15:33	YP/AJ	Ok,M
8	AR1221ICC500	PO108367.D	06 Dec 2024 15:51	YP/AJ	Ok
9	AR1232ICC500	PO108368.D	06 Dec 2024 16:09	YP/AJ	Ok
10	AR1242ICC1000	PO108369.D	06 Dec 2024 16:28	YP/AJ	Ok
11	AR1242ICC750	PO108370.D	06 Dec 2024 16:46	YP/AJ	Ok
12	AR1242ICC500	PO108371.D	06 Dec 2024 17:04	YP/AJ	Ok
13	AR1242ICC250	PO108372.D	06 Dec 2024 17:23	YP/AJ	Ok
14	AR1242ICC050	PO108373.D	06 Dec 2024 17:41	YP/AJ	Ok,M
15	AR1248ICC1000	PO108374.D	06 Dec 2024 17:59	YP/AJ	Ok
16	AR1248ICC750	PO108375.D	06 Dec 2024 18:18	YP/AJ	Ok
17	AR1248ICC500	PO108376.D	06 Dec 2024 18:36	YP/AJ	Ok
18	AR1248ICC250	PO108377.D	06 Dec 2024 18:54	YP/AJ	Ok
19	AR1248ICC050	PO108378.D	06 Dec 2024 19:13	YP/AJ	Ok,M
20	AR1254ICC1000	PO108379.D	06 Dec 2024 19:31	YP/AJ	Ok
21	AR1254ICC750	PO108380.D	06 Dec 2024 19:49	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO108381.D	06 Dec 2024 20:08	YP/AJ	Ok
23	AR1254ICC250	PO108382.D	06 Dec 2024 20:26	YP/AJ	Ok
24	AR1254ICC050	PO108383.D	06 Dec 2024 20:44	YP/AJ	Ok,M
25	AR1262ICC500	PO108384.D	06 Dec 2024 21:03	YP/AJ	Ok
26	AR1268ICC1000	PO108385.D	06 Dec 2024 21:21	YP/AJ	Ok
27	AR1268ICC750	PO108386.D	06 Dec 2024 21:39	YP/AJ	Ok
28	AR1268ICC500	PO108387.D	06 Dec 2024 21:58	YP/AJ	Ok
29	AR1268ICC250	PO108388.D	06 Dec 2024 22:16	YP/AJ	Ok
30	AR1268ICC050	PO108389.D	06 Dec 2024 22:34	YP/AJ	Ok
31	PO120624ICV500	PO108390.D	06 Dec 2024 22:53	YP/AJ	Ok
32	AR1242ICV500	PO108391.D	06 Dec 2024 23:11	YP/AJ	Ok
33	AR1248ICV500	PO108392.D	06 Dec 2024 23:29	YP/AJ	Ok
34	AR1254ICV500	PO108393.D	06 Dec 2024 23:48	YP/AJ	Ok
35	AR1268ICV500	PO108394.D	07 Dec 2024 00:06	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108429.D	10 Dec 2024 09:06	YP/AJ	Ok
2	AR1660CCC500	PO108430.D	10 Dec 2024 09:25	YP/AJ	Ok
3	AR1242CCC500	PO108431.D	10 Dec 2024 10:01	YP/AJ	Ok
4	AR1248CCC500	PO108432.D	10 Dec 2024 10:20	YP/AJ	Ok
5	AR1254CCC500	PO108433.D	10 Dec 2024 10:38	YP/AJ	Ok
6	I.BLK	PO108434.D	10 Dec 2024 10:56	YP/AJ	Ok
7	P5144-01DL	PO108435.D	10 Dec 2024 11:16	YP/AJ	Ok
8	PB165518BL	PO108436.D	10 Dec 2024 12:25	YP/AJ	Ok
9	PB165518BS	PO108437.D	10 Dec 2024 12:43	YP/AJ	Ok
10	P5161-02	PO108438.D	10 Dec 2024 13:01	YP/AJ	Ok,M
11	P5216-01	PO108439.D	10 Dec 2024 13:20	YP/AJ	Ok
12	P5216-01MS	PO108440.D	10 Dec 2024 13:38	YP/AJ	Ok,M
13	P5216-01MSD	PO108441.D	10 Dec 2024 13:56	YP/AJ	Ok,M
14	P5216-05	PO108442.D	10 Dec 2024 14:15	YP/AJ	Ok
15	P5216-09	PO108443.D	10 Dec 2024 14:33	YP/AJ	Ok
16	P5216-13	PO108444.D	10 Dec 2024 14:52	YP/AJ	Ok
17	AR1660CCC500	PO108445.D	10 Dec 2024 15:52	YP/AJ	Ok
18	AR1242CCC500	PO108446.D	10 Dec 2024 16:11	YP/AJ	Ok
19	AR1248CCC500	PO108447.D	10 Dec 2024 16:29	YP/AJ	Ok
20	AR1254CCC500	PO108448.D	10 Dec 2024 16:48	YP/AJ	Ok
21	I.BLK	PO108449.D	10 Dec 2024 17:06	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P5219-03	PO108450.D	10 Dec 2024 17:24	YP/AJ	ReRun
23	P5217-01	PO108451.D	10 Dec 2024 17:43	YP/AJ	Ok
24	P5219-01	PO108452.D	10 Dec 2024 18:01	YP/AJ	Ok
25	P5219-02	PO108453.D	10 Dec 2024 18:19	YP/AJ	Ok
26	P5219-04	PO108454.D	10 Dec 2024 18:38	YP/AJ	Ok
27	P5220-01	PO108455.D	10 Dec 2024 18:56	YP/AJ	Ok,M
28	P5223-01	PO108456.D	10 Dec 2024 19:14	YP/AJ	Ok,M
29	PB165512BL	PO108457.D	10 Dec 2024 19:33	YP/AJ	Ok
30	PB165512BS	PO108458.D	10 Dec 2024 19:51	YP/AJ	Ok,M
31	PB165512BSD	PO108459.D	10 Dec 2024 20:09	YP/AJ	Ok
32	AR1660CCC500	PO108460.D	10 Dec 2024 21:10	YP/AJ	Ok
33	AR1242CCC500	PO108461.D	10 Dec 2024 21:29	YP/AJ	Ok
34	AR1248CCC500	PO108462.D	10 Dec 2024 21:47	YP/AJ	Ok,M
35	AR1254CCC500	PO108463.D	10 Dec 2024 22:06	YP/AJ	Ok
36	I.BLK	PO108464.D	10 Dec 2024 22:24	YP/AJ	Ok
37	P5161-01	PO108465.D	10 Dec 2024 22:42	YP/AJ	Ok,M
38	P5160-01	PO108466.D	10 Dec 2024 23:01	YP/AJ	Ok,M
39	P5170-01	PO108467.D	10 Dec 2024 23:19	YP/AJ	Ok,M
40	P5218-01	PO108468.D	10 Dec 2024 23:37	YP/AJ	Ok
41	P5220-02	PO108469.D	10 Dec 2024 23:56	YP/AJ	Ok
42	P5220-03	PO108470.D	11 Dec 2024 00:14	YP/AJ	Ok
43	P5221-01	PO108471.D	11 Dec 2024 00:32	YP/AJ	Ok,M
44	P5222-02	PO108472.D	11 Dec 2024 00:51	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	P5224-01	PO108473.D	11 Dec 2024 01:09	YP/AJ	Ok
46	PB165521BL	PO108474.D	11 Dec 2024 01:28	YP/AJ	Ok
47	AR1660CCC500	PO108475.D	11 Dec 2024 02:27	YP/AJ	Ok
48	AR1242CCC500	PO108476.D	11 Dec 2024 02:46	YP/AJ	Ok
49	AR1248CCC500	PO108477.D	11 Dec 2024 03:04	YP/AJ	Ok,M
50	AR1254CCC500	PO108478.D	11 Dec 2024 03:22	YP/AJ	Ok,M
51	I.BLK	PO108479.D	11 Dec 2024 03:41	YP/AJ	Ok
52	PB165521BS	PO108480.D	11 Dec 2024 03:59	YP/AJ	Ok
53	P5221-02	PO108481.D	11 Dec 2024 04:18	YP/AJ	Not Ok
54	P5222-01	PO108482.D	11 Dec 2024 04:36	YP/AJ	Ok
55	AR1660CCC500	PO108483.D	11 Dec 2024 05:37	YP/AJ	Ok
56	AR1242CCC500	PO108484.D	11 Dec 2024 05:55	YP/AJ	Ok
57	AR1248CCC500	PO108485.D	11 Dec 2024 06:14	YP/AJ	Ok,M
58	AR1254CCC500	PO108486.D	11 Dec 2024 06:32	YP/AJ	Ok,M
59	I.BLK	PO108487.D	11 Dec 2024 06:50	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108360.D	06 Dec 2024 13:43		YP/AJ	Ok
2	I.BLK	I.BLK	PO108361.D	06 Dec 2024 14:01		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO108362.D	06 Dec 2024 14:19		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO108363.D	06 Dec 2024 14:38		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO108364.D	06 Dec 2024 14:56		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO108365.D	06 Dec 2024 15:14		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO108366.D	06 Dec 2024 15:33		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO108367.D	06 Dec 2024 15:51		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO108368.D	06 Dec 2024 16:09		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO108369.D	06 Dec 2024 16:28		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO108370.D	06 Dec 2024 16:46		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO108371.D	06 Dec 2024 17:04		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO108372.D	06 Dec 2024 17:23		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO108373.D	06 Dec 2024 17:41		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO108374.D	06 Dec 2024 17:59		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO108375.D	06 Dec 2024 18:18		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO108376.D	06 Dec 2024 18:36		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO108377.D	06 Dec 2024 18:54		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PO108378.D	06 Dec 2024 19:13		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO108379.D	06 Dec 2024 19:31		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO108380.D	06 Dec 2024 19:49		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO108381.D	06 Dec 2024 20:08		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO108382.D	06 Dec 2024 20:26		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO108383.D	06 Dec 2024 20:44		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO108384.D	06 Dec 2024 21:03		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO108385.D	06 Dec 2024 21:21		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO108386.D	06 Dec 2024 21:39		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO108387.D	06 Dec 2024 21:58		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO108388.D	06 Dec 2024 22:16		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO108389.D	06 Dec 2024 22:34		YP/AJ	Ok
31	PO120624ICV500	ICVPO120624	PO108390.D	06 Dec 2024 22:53		YP/AJ	Ok
32	AR1242ICV500	ICVPO120624AR1242	PO108391.D	06 Dec 2024 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO120624AR1248	PO108392.D	06 Dec 2024 23:29		YP/AJ	Ok
34	AR1254ICV500	ICVPO120624AR1254	PO108393.D	06 Dec 2024 23:48		YP/AJ	Ok
35	AR1268ICV500	ICVPO120624AR1268	PO108394.D	07 Dec 2024 00:06		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108429.D	10 Dec 2024 09:06		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO108430.D	10 Dec 2024 09:25		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO108431.D	10 Dec 2024 10:01		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO108432.D	10 Dec 2024 10:20		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO108433.D	10 Dec 2024 10:38		YP/AJ	Ok
6	I.BLK	I.BLK	PO108434.D	10 Dec 2024 10:56		YP/AJ	Ok
7	P5144-01DL	60400DL	PO108435.D	10 Dec 2024 11:16	AR1242 Hit	YP/AJ	Ok
8	PB165518BL	PB165518BL	PO108436.D	10 Dec 2024 12:25		YP/AJ	Ok
9	PB165518BS	PB165518BS	PO108437.D	10 Dec 2024 12:43		YP/AJ	Ok
10	P5161-02	125	PO108438.D	10 Dec 2024 13:01		YP/AJ	Ok,M
11	P5216-01	BP-G-6	PO108439.D	10 Dec 2024 13:20		YP/AJ	Ok
12	P5216-01MS	BP-G-6MS	PO108440.D	10 Dec 2024 13:38		YP/AJ	Ok,M
13	P5216-01MSD	BP-G-6MSD	PO108441.D	10 Dec 2024 13:56		YP/AJ	Ok,M
14	P5216-05	MH-743	PO108442.D	10 Dec 2024 14:15		YP/AJ	Ok
15	P5216-09	MH-744	PO108443.D	10 Dec 2024 14:33		YP/AJ	Ok
16	P5216-13	TP-12	PO108444.D	10 Dec 2024 14:52		YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO108445.D	10 Dec 2024 15:52		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO108446.D	10 Dec 2024 16:11		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PO108447.D	10 Dec 2024 16:29		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO108448.D	10 Dec 2024 16:48		YP/AJ	Ok
21	I.BLK	I.BLK	PO108449.D	10 Dec 2024 17:06		YP/AJ	Ok
22	P5219-03	MR-CAM-012	PO108450.D	10 Dec 2024 17:24	TCMX high in both column	YP/AJ	ReRun
23	P5217-01	MIXED-DEMO	PO108451.D	10 Dec 2024 17:43		YP/AJ	Ok
24	P5219-01	MR-CAM-09-MR-CAM-	PO108452.D	10 Dec 2024 18:01		YP/AJ	Ok
25	P5219-02	MR-CAM-011	PO108453.D	10 Dec 2024 18:19		YP/AJ	Ok
26	P5219-04	MR-CAM-013	PO108454.D	10 Dec 2024 18:38		YP/AJ	Ok
27	P5220-01	GAS-AUD-1562	PO108455.D	10 Dec 2024 18:56	AR1254 Hit	YP/AJ	Ok,M
28	P5223-01	TR-05-120924	PO108456.D	10 Dec 2024 19:14		YP/AJ	Ok,M
29	PB165512BL	PB165512BL	PO108457.D	10 Dec 2024 19:33		YP/AJ	Ok
30	PB165512BS	PB165512BS	PO108458.D	10 Dec 2024 19:51		YP/AJ	Ok,M
31	PB165512BSD	PB165512BSD	PO108459.D	10 Dec 2024 20:09		YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO108460.D	10 Dec 2024 21:10		YP/AJ	Ok
33	AR1242CCC500	AR1242CCC500	PO108461.D	10 Dec 2024 21:29		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO108462.D	10 Dec 2024 21:47		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO108463.D	10 Dec 2024 22:06		YP/AJ	Ok
36	I.BLK	I.BLK	PO108464.D	10 Dec 2024 22:24		YP/AJ	Ok
37	P5161-01	125	PO108465.D	10 Dec 2024 22:42	DCB high in one column	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	P5160-01	112524	PO108466.D	10 Dec 2024 23:01		YP/AJ	Ok,M
39	P5170-01	120324-A-B	PO108467.D	10 Dec 2024 23:19		YP/AJ	Ok,M
40	P5218-01	50385	PO108468.D	10 Dec 2024 23:37	AR1242 Hit 4 peak reported.	YP/AJ	Ok
41	P5220-02	GAS-AUD-1607-GAS-A	PO108469.D	10 Dec 2024 23:56		YP/AJ	Ok
42	P5220-03	GAS-AUD-1610-1611-1	PO108470.D	11 Dec 2024 00:14		YP/AJ	Ok
43	P5221-01	BUR-1325	PO108471.D	11 Dec 2024 00:32		YP/AJ	Ok,M
44	P5222-02	GAS-TRE-1111	PO108472.D	11 Dec 2024 00:51		YP/AJ	Ok,M
45	P5224-01	NP-WS-001	PO108473.D	11 Dec 2024 01:09		YP/AJ	Ok
46	PB165521BL	PB165521BL	PO108474.D	11 Dec 2024 01:28		YP/AJ	Ok
47	AR1660CCC500	AR1660CCC500	PO108475.D	11 Dec 2024 02:27		YP/AJ	Ok
48	AR1242CCC500	AR1242CCC500	PO108476.D	11 Dec 2024 02:46		YP/AJ	Ok
49	AR1248CCC500	AR1248CCC500	PO108477.D	11 Dec 2024 03:04		YP/AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PO108478.D	11 Dec 2024 03:22		YP/AJ	Ok,M
51	I.BLK	I.BLK	PO108479.D	11 Dec 2024 03:41		YP/AJ	Ok
52	PB165521BS	PB165521BS	PO108480.D	11 Dec 2024 03:59		YP/AJ	Ok
53	P5221-02	GAS-BUR-1326	PO108481.D	11 Dec 2024 04:18	Need Cleanup	YP/AJ	Not Ok
54	P5222-01	TRE-1113	PO108482.D	11 Dec 2024 04:36		YP/AJ	Ok
55	AR1660CCC500	AR1660CCC500	PO108483.D	11 Dec 2024 05:37		YP/AJ	Ok
56	AR1242CCC500	AR1242CCC500	PO108484.D	11 Dec 2024 05:55		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121024

Review By	yogesh	Review On	12/11/2024 8:28:40 AM
Supervise By	Ankita	Supervise On	12/11/2024 9:02:09 AM
SubDirectory	PO121024	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			
57	AR1248CCC500	AR1248CCC500	PO108485.D 11 Dec 2024 06:14 YP/AJ Ok,M
58	AR1254CCC500	AR1254CCC500	PO108486.D 11 Dec 2024 06:32 YP/AJ Ok,M
59	I.BLK	I.BLK	PO108487.D 11 Dec 2024 06:50 YP/AJ Ok

M : Manual Integration

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SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 12/10/2024

Matrix : Solid

Extraction Start Time : 08:15

Weigh By: RJ

Extraction By: RJ

Extraction End Date : 12/10/2024

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:15

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : rajesh

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23913
Surrogate	1.0ML	200 PPB	PP23985
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane	N/A	E3826
Baked Na2SO4	N/A	EP2570
H2SO4 1:1	N/A	EP2565
Sand	N/A	E2865
Hexane/Acetone/1:1	N/A	EP2561
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. P 5161-02,P52196-04 Limited volume used as samples are Oil & Small particles.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

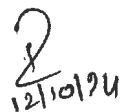
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/10/24	RP (Fpd. Lab)	ADP EST PCA Lab
11:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/10/2024

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165518BL	ABLK518	PCB	30.02	N/A	ritesh	Evelyn	10			U7-1
PB165518BS	ALCS518	PCB	30.01	N/A	ritesh	Evelyn	10			2
P5161-02	125	PCB	1.07	N/A	ritesh	Evelyn	10		Oil	
P5216-01	BP-G-6	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
P5216-01MS	BP-G-6MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
P5216-01MS D	BP-G-6MSD	PCB	30.03	N/A	ritesh	Evelyn	10	E		5
P5216-05	MH-743	PCB	30.08	N/A	ritesh	Evelyn	10	E		6
P5216-09	MH-744	PCB	30.05	N/A	ritesh	Evelyn	10	E		U6-1
P5216-13	TP-12	PCB	30.04	N/A	ritesh	Evelyn	10	E		2
P5217-01	MIXED-DEMO	PCB	30.02	N/A	ritesh	Evelyn	10			3
P5219-01	MR-CAM-09-MR-CAM-010	PCB	30.06	N/A	ritesh	Evelyn	10	B	Stone	4
P5219-02	MR-CAM-011	PCB	30.07	N/A	ritesh	Evelyn	10	B	Stone	5
P5219-03	MR-CAM-012	PCB	30.01	N/A	ritesh	Evelyn	10	B		6
P5219-04	MR-CAM-013	PCB	10.04	N/A	ritesh	Evelyn	10	B	Small Granules	U5-1
P5220-01	GAS-AUD-1562	PCB	30.02	N/A	ritesh	Evelyn	10	B	Small Particle	2
P5223-01	TR-05-120924	PCB	30.05	N/A	ritesh	Evelyn	10	E		3

* Extracts relinquished on the same date as received.



163527A
12-5-16

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5161 WorkList ID : 186159 Department : Extraction Date : 12-10-2024 08:09:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5161-02	125	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/06/2024	8082A
P5216-01	BP-G-6	Solid	PCB	Cool 4 deg C	PSEG03	L41	12/07/2024	8082A
P5216-05	MH-743	Solid	PCB	Cool 4 deg C	PSEG03	L41	12/07/2024	8082A
P5216-09	MH-744	Solid	PCB	Cool 4 deg C	PSEG03	L41	12/07/2024	8082A
P5216-13	TP-12	Solid	PCB	Cool 4 deg C	PSEG03	L41	12/07/2024	8082A
P5217-01	MIXED-DEMO	Solid	PCB	Cool 4 deg C	EART12	M11	12/09/2024	8082A
P5219-01	MR-CAM-09-MR-CAM-010	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5219-02	MR-CAM-011	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5219-03	MR-CAM-012	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5219-04	MR-CAM-013	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5220-01	GAS-AUD-1562	Solid	PCB	Cool 4 deg C	PSEG03	L41	12/09/2024	8082A
P5221-02	GAS-BUR-1326	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5222-01	TRE-1113	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/09/2024	8082A
P5223-01	TR-05-120924	Solid	PCB	Cool 4 deg C	PSEG05	L51	12/09/2024	8082A

Date/Time 12/10/24 8:12
Raw Sample Received by: RJ (Set 1a3)
Raw Sample Relinquished by: [Signature]

Date/Time 12/10/24 8:12
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Set 1a3)





LAB CHRONICLE

OrderID:	P5217	OrderDate:	12/9/2024 12:39:00 PM
Client:	EarthEfficient LLC	Project:	45-40 Vernon Blvd LIC
Contact:	Environmental Team	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5217-01	MIXED-DEMO	SOIL	PCB	8082A	12/09/24	12/10/24	12/10/24	12/09/24



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Hit Summary Sheet
SW-846

SDG No.: P5217

Order ID: P5217

Client: EarthEfficient LLC

Project ID: 45-40 Vernon Blvd LIC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MIXED-DEMO							
P5217-01	MIXED-DEMO	SOIL	Lead	4.75		0.14	0.54	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/09/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/09/24
Client Sample ID:	MIXED-DEMO	SDG No.:	P5217
Lab Sample ID:	P5217-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	4.75		1	0.14	0.54	mg/Kg	12/10/24 11:05	12/11/24 15:16	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group3			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	12:39	LB133897

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>EarthEfficient LLC</u>		SDG No.: <u>P5217</u>							
Contract: <u>EART12</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P5217</u>	SAS No.: <u>P5217</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	13:06	LB133897
CCB02	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	13:59	LB133897
CCB03	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	14:17	LB133897
CCB04	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	15:12	LB133897
CCB05	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:05	LB133897
CCB06	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:26	LB133897
CCB07	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:43	LB133897

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: EarthEfficient LLC

SDG No.: P5217

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB165528BL		SOLID		Batch Number:	PB165528		Prep Date:	12/10/2024	
	Lead	0.51	<0.51	U	0.51	P	12/11/2024	14:43	LB133897



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	1000	1000	100	90 - 110	P	12/11/2024	11:52	LB133897

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Lead	10.3	12.0	86	80 - 120	P	12/11/2024	12:00	LB133897

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Lead	4980	5000	100	90 - 110	P	12/11/2024	12:57	LB133897
CCV02	Lead	5220	5000	104	90 - 110	P	12/11/2024	13:54	LB133897
CCV03	Lead	5070	5000	101	90 - 110	P	12/11/2024	14:12	LB133897
CCV04	Lead	4930	5000	98	90 - 110	P	12/11/2024	15:07	LB133897
CCV05	Lead	4960	5000	99	90 - 110	P	12/11/2024	15:59	LB133897
CCV06	Lead	5130	5000	103	90 - 110	P	12/11/2024	16:22	LB133897
CCV07	Lead	4940	5000	99	90 - 110	P	12/11/2024	16:39	LB133897

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client:	<u>EarthEfficient LLC</u>	SDG No.:	<u>P5217</u>	
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>P5217</u> SAS No.: <u>P5217</u>
Initial Calibration Source:	<u> </u>			
Continuing Calibration Source:	<u> </u>			

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	10.9	12.0	91	40 - 160	P	12/11/2024	12:44	LB133897

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Lead	6.35			-12	12	12/11/2024	12:48	LB133897
ICSAB01	Lead	56.2	49.0	115	37	61	12/11/2024	12:52	LB133897



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: EarthEfficient LLC level: low sdg no.: P5217
contract: EART12 lab code: CHEM case no.: P5217 sas no.: P5217
matrix: Solid sample id: P5217-01 client id: MIXED-DEMOMS
Percent Solids for Sample: 99.6 Spiked ID: P5217-01MS Percent Solids for Spike Sample: 99.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	46.1		4.75		45.4	91		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: EarthEfficient LLC **level:** low **sdg no.:** P5217
contract: EART12 **lab code:** CHEM **case no.:** P5217 **sas no.:** P5217
matrix: Solid **sample id:** P5217-01 **client id:** MIXED-DEMOMSD
Percent Solids for Sample: 99.6 **Spiked ID:** P5217-01MSD **Percent Solids for Spike Sample:** 99.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	46.8		4.75		46.5	90		P



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Metals
- 5b -

Client:

EarthEfficient LLC

SDG No.:

P5217

Contract:

EART12

Lab Code:

CHEM

Case No.:

P5217

SAS No.:

P5217

Matrix:

Level:

LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>EarthEfficient LLC</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5217</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P5217-01</u>	Client ID:	<u>MIXED-DEMODUP</u>
Percent Solids for Sample:	99.6	Duplicate ID	P5217-01DUP	Percent Solids for Spike Sample:	99.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	4.75		5.13		8		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>EarthEfficient LLC</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5217</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P5217-01MS</u>	Client ID:	<u>MIXED-DEMOMSD</u>
Percent Solids for Sample:	99.6	Duplicate ID	P5217-01MSD	Percent Solids for Spike Sample:	99.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	46.1		46.8		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:

EarthEfficient LLC

SDG No.:

P5217

Contract:

EART12

Lab Code:

CHEM

Case No.:

P5217

SAS No.:

P5217

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165528BS Lead	mg/Kg	42.6	41.7		98	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MIXED-DEMOL

Lab Name: Chemtech Consulting Group

Contract: EART12

Lab Code: CHEM

Lb No.: lb133897

Lab Sample ID : P5217-01L

SDG No.: P5217

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Lead	4.75	5.00	5		P

metals
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ANALYSIS RUN LOG

Client: EarthEfficient LLC **Contract:** EART12

Lab code: CHEM **Case no.:** P5217 **Sas no.:** P5217 **Sdg no.:** P5217

Instrument id number: **Method:** **Run number:** LB133897

Start date: 12/11/2024 **End date:** 12/11/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1127	Pb
S1	S1	1	1131	Pb
S2	S2	1	1135	Pb
S3	S3	1	1139	Pb
S4	S4	1	1144	Pb
S5	S5	1	1148	Pb
ICV01	ICV01	1	1152	Pb
LLICV01	LLICV01	1	1200	Pb
ICB01	ICB01	1	1239	Pb
CRI01	CRI01	1	1244	Pb
ICSA01	ICSA01	1	1248	Pb
ICSAB01	ICSAB01	1	1252	Pb
CCV01	CCV01	1	1257	Pb
CCB01	CCB01	1	1306	Pb
CCV02	CCV02	1	1354	Pb
CCB02	CCB02	1	1359	Pb
CCV03	CCV03	1	1412	Pb
CCB03	CCB03	1	1417	Pb
PB165528BL	PB165528BL	1	1443	Pb
PB165528BS	PB165528BS	1	1447	Pb
CCV04	CCV04	1	1507	Pb
CCB04	CCB04	1	1512	Pb
P5217-01	MIXED-DEMO	1	1516	Pb
P5217-01DUP	MIXED-DEMODUP	1	1520	Pb
P5217-01L	MIXED-DEMOL	5	1525	Pb
P5217-01MS	MIXED-DEMOMS	1	1529	Pb
P5217-01MSD	MIXED-DEMOMSD	1	1534	Pb
CCV05	CCV05	1	1559	Pb
CCB05	CCB05	1	1605	Pb
CCV06	CCV06	1	1622	Pb
CCB06	CCB06	1	1626	Pb
CCV07	CCV07	1	1639	Pb
CCB07	CCB07	1	1643	Pb



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
Instrument ID: _____ **Date:** _____
Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290



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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000



LAB CHRONICLE

OrderID:	P5217	OrderDate:	12/9/2024 12:39:00 PM
Client:	EarthEfficient LLC	Project:	45-40 Vernon Blvd LIC
Contact:	Environmental Team	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5217-01	MIXED-DEMO	SOIL	Metals Group3	6010D	12/09/24	12/10/24	12/11/24	12/09/24



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>EarthEfficient LLC</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P5217</u>
		SAS No.:	<u>P5217</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165528							
P5217-01	MIXED-DEMO	SAM	SOLID	12/10/2024	2.22	100.0	99.60
P5217-01DUP	MIXED-DEMODUP	DUP	SOLID	12/10/2024	2.09	100.0	99.60
P5217-01MS	MIXED-DEMOMS	MS	SOLID	12/10/2024	2.21	100.0	99.60
P5217-01MSD	MIXED-DEMOMSD	MSD	SOLID	12/10/2024	2.16	100.0	99.60
PB165528BL	PB165528BL	MB	SOLID	12/10/2024	2.35	100.0	100.00
PB165528BS	PB165528BS	LCS	SOLID	12/10/2024	2.35	100.0	100.00

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/11/24 11:27		Kareem	OK
2	S1	S1	CAL2	12/11/24 11:31		Kareem	OK
3	S2	S2	CAL3	12/11/24 11:35		Kareem	OK
4	S3	S3	CAL4	12/11/24 11:39		Kareem	OK
5	S4	S4	CAL5	12/11/24 11:44		Kareem	OK
6	S5	S5	CAL6	12/11/24 11:48		Kareem	OK
7	ICV01	ICV01	ICV	12/11/24 11:52		Kareem	OK
8	LLICV01	LLICV01	LLICV	12/11/24 12:00		Kareem	OK
9	ICB01	ICB01	ICB	12/11/24 12:39		Kareem	OK
10	CRI01	CRI01	CRDL	12/11/24 12:44		Kareem	OK
11	ICSA01	ICSA01	ICSA	12/11/24 12:48		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	12/11/24 12:52		Kareem	OK
13	CCV01	CCV01	CCV	12/11/24 12:57		Kareem	OK
14	CCB01	CCB01	CCB	12/11/24 13:06		Kareem	OK
15	PB165470TB	PB165470TB	MB	12/11/24 13:10		Kareem	OK
16	PB165527BL	PB165527BL	MB	12/11/24 13:15		Kareem	OK
17	PB165527BS	PB165527BS	LCS	12/11/24 13:19	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
18	P5174-02	ROLL-OFF-COMP	SAM	12/11/24 13:23		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

19	P5196-04	MH-761	SAM	12/11/24 13:28		Kareem	OK
20	P5216-04	BP-G-6	SAM	12/11/24 13:32		Kareem	OK
21	P5216-08	MH-743	SAM	12/11/24 13:37		Kareem	OK
22	P5216-12	MH-744	SAM	12/11/24 13:41		Kareem	OK
23	P5216-16	TP-12	SAM	12/11/24 13:46	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
24	P5216-16DUP	TP-12DUP	DUP	12/11/24 13:50	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
25	CCV02	CCV02	CCV	12/11/24 13:54		Kareem	OK
26	CCB02	CCB02	CCB	12/11/24 13:59		Kareem	OK
27	P5245-01	72-12016	SAM	12/11/24 14:08		Kareem	OK
28	CCV03	CCV03	CCV	12/11/24 14:12		Kareem	OK
29	CCB03	CCB03	CCB	12/11/24 14:17		Kareem	OK
30	P5216-16L	TP-12L	SD	12/11/24 14:25	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
31	P5216-16MS	TP-12MS	MS	12/11/24 14:30	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
32	P5216-16MSD	TP-12MSD	MSD	12/11/24 14:34	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
33	P5216-16A	TP-12A	PS	12/11/24 14:38	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
34	PB165528BL	PB165528BL	MB	12/11/24 14:43		Kareem	OK
35	PB165528BS	PB165528BS	LCS	12/11/24 14:47	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

36	P5216-01	BP-G-6	SAM	12/11/24 14:51		Kareem	OK
37	P5216-05	MH-743	SAM	12/11/24 14:55		Kareem	OK
38	P5216-09	MH-744	SAM	12/11/24 14:59		Kareem	OK
39	P5216-13	TP-12	SAM	12/11/24 15:03		Kareem	OK
40	CCV04	CCV04	CCV	12/11/24 15:07		Kareem	OK
41	CCB04	CCB04	CCB	12/11/24 15:12		Kareem	OK
42	P5217-01	MIXED-DEMO	SAM	12/11/24 15:16		Kareem	OK
43	P5217-01DUP	MIXED-DEMODUP	DUP	12/11/24 15:20		Kareem	OK
44	P5217-01L	MIXED-DEMOL	SD	12/11/24 15:25		Kareem	OK
45	P5217-01MS	MIXED-DEMOMS	MS	12/11/24 15:29	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
46	P5217-01MSD	MIXED-DEMOMSD	MSD	12/11/24 15:34	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
47	P5217-01A	MIXED-DEMOA	PS	12/11/24 15:38	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
48	P5219-01	MR-CAM-09-MR-CAM	SAM	12/11/24 15:42		Kareem	OK
49	P5219-02	MR-CAM-011	SAM	12/11/24 15:47		Kareem	OK
50	P5219-03DL	MR-CAM-012DL	SAM	12/11/24 15:51	Straight 5x Dilution for all elements	Kareem	OK
51	P5219-04	MR-CAM-013	SAM	12/11/24 15:55	AI high	Kareem	Dilution
52	CCV05	CCV05	CCV	12/11/24 15:59		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

53	CCB05	CCB05	CCB	12/11/24 16:05		Kareem	OK
54	P5219-04DL	MR-CAM-013DL	SAM	12/11/24 16:09	5x for AI	Kareem	Confirms
55	P5223-01	TR-05-120924	SAM	12/11/24 16:14		Kareem	OK
56	CCV06	CCV06	CCV	12/11/24 16:22		Kareem	OK
57	CCB06	CCB06	CCB	12/11/24 16:26		Kareem	OK
58	LR1	LR1	HIGH STD	12/11/24 16:30		Kareem	OK
59	LR2	LR2	HIGH STD	12/11/24 16:35		Kareem	OK
60	CCV07	CCV07	CCV	12/11/24 16:39		Kareem	OK
61	CCB07	CCB07	CCB	12/11/24 16:43		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 12/10/2024 Time : 11:05 Temp : 96 °C

End Digest Date: 12/10/2024 Time : 13:15 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. # 5

Dig Technician Signature: *SKG*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6000
LFS-2	1.00	M6009
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
1:1 HNO3	10.00	MP83498
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
PTFE Boiling Stones	N/A	M5585
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:

HOT BLOCK#5 CELL #33 Temp: 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/10/24 12:05	<i>SKG met. digestion</i>	<i>[Signature] Met Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5216-01	BP-G-6	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-05	MH-743	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-09	MH-744	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-13	TP-12	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5217-01	MIXED-DEMO	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5217-01MS	MIXED-DEMOMS	N/A	2.21	100	Brown	Yellow	Medium	N/A	M6000,M6009	N/A
P5217-01MSD	MIXED-DEMOMSD	N/A	2.16	100	Brown	Yellow	Medium	N/A	M6000,M6009	N/A
P5217-01DUP	MIXED-DEMODUP	N/A	2.09	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5219-01	MR-CAM-09-MR-CAM-010	N/A	2.15	100	Gray	Yellow	Medium	N/A	N/A	N/A
P5219-02	MR-CAM-011	N/A	2.27	100	Gray	Yellow	Medium	N/A	N/A	N/A
P5219-03	MR-CAM-012	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5219-04	MR-CAM-013	N/A	2.03	100	White	Yellow	Medium	N/A	N/A	N/A
P5223-01	TR-05-120924	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	N/A
PB165528BL	PBS528	N/A	2.35	100	Colorless	Colorless	Fine	N/A	N/A	N/A
PB165528BS	LCS528	N/A	2.35	100	Colorless	Colorless	Fine	N/A	M6000,M6009	N/A