

DATA PACKAGE

METALS
GC SEMI-VOLATILES

PROJECT NAME : 45-40 VERNON BLVD LIC

EARTHEFFICIENT LLC

30 West Main St

Riverhead, NY - 11901

Phone No: 631-702-2770

ORDER ID : P5217

ATTENTION : Environmental Team



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : EarthEfficient LLC
 Project Location : Long Island City, NY Project Number : -45-40 Vernon Blvd LIC
 Laboratory Sample ID(s) : P5217 Sampling Date(s) : 12/09/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **6010D,8082A**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☒ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : P5217

Project ID : 45-40 Vernon Blvd LIC

Client : EarthEfficient LLC

Lab Sample Number

P5217-01

Client Sample Number

MIXED-DEMO

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/16/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

EarthEfficient LLC

Project Name: 45-40 Vernon Blvd LIC

Project # N/A

Chemtech Project # P5217

Test Name: PCB

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 12/09/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group3 and PCB. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed



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

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



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

CASE NARRATIVE

EarthEfficient LLC

Project Name: 45-40 Vernon Blvd LIC

Project # N/A

Chemtech Project # P5217

Test Name: Metals Group3

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 12/09/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group3 and PCB. This data package contains results for Metals Group3.

C. Analytical Techniques:

The analysis of Metals Group3 was based on method 6010D and digestion based on method 3050 (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5217

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/16/2024

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 :								
Total Concentration:				0.000				

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



SAMPLE DATA

A

B

C

D

E

F

G

H

I

J

K

L

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

A

B

C

D

E

F

G

H

I

J

K

L

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)

() = LABORATORY INHOUSE LIMIT

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
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

* = 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:	12/06/24
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
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
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:

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:	12/10/24	
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	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
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:

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:	12/10/24
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:

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:	12/10/24
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

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:		
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	Decanted:
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	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
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

RETENTION TIMES 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: **RT 1000 =** PO108362.D **RT 750 =** PO108363.D
RT 500 = PO108364.D **RT 250 =** PO108365.D **RT 050 =** PO108366.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1016-2	(2)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-3	(3)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1016-4	(4)	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
Aroclor-1016-5	(5)	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Aroclor-1260-1	(1)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1260-2	(2)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1260-3	(3)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1260-4	(4)	7.13	7.13	7.13	7.13	7.13	7.13	7.03	7.23
Aroclor-1260-5	(5)	7.37	7.37	7.37	7.37	7.37	7.37	7.27	7.47
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
Aroclor-1242-1	(1)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1242-2	(2)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-3	(3)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-4	(4)	5.01	5.01	5.01	5.00	5.00	5.01	4.91	5.11
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
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
Aroclor-1248-1	(1)	4.81	4.81	4.81	4.81	4.81	4.81	4.71	4.91
Aroclor-1248-2	(2)	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
Aroclor-1248-3	(3)	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
Aroclor-1248-4	(4)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1248-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
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
Aroclor-1254-1	(1)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1254-2	(2)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Aroclor-1254-3	(3)	6.18	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aroclor-1254-4	(4)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1254-5	(5)	6.83	6.83	6.83	6.83	6.83	6.83	6.73	6.93
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
Aroclor-1268-1	(1)	7.65	7.65	7.65	7.66	7.66	7.65	7.55	7.75
Aroclor-1268-2	(2)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-3	(3)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Aroclor-1268-4	(4)	8.22	8.22	8.22	8.22	8.22	8.22	8.12	8.32
Aroclor-1268-5	(5)	8.52	8.52	8.52	8.52	8.52	8.52	8.42	8.62

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

A

B

C

D

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H

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RETENTION TIMES 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: **RT 1000 =** PO108362.D **RT 750 =** PO108363.D
RT 500 = PO108364.D **RT 250 =** PO108365.D **RT 050 =** PO108366.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-2	(2)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-4	(4)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Aroclor-1260-4	(4)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1260-5	(5)	7.34	7.34	7.34	7.34	7.34	7.34	7.24	7.44
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
Aroclor-1242-1	(1)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1242-2	(2)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1242-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-4	(4)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
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
Aroclor-1248-1	(1)	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Aroclor-1248-2	(2)	5.04	5.04	5.03	5.03	5.04	5.04	4.94	5.14
Aroclor-1248-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1248-4	(4)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
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
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
Aroclor-1254-4	(4)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1254-5	(5)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
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
Aroclor-1268-1	(1)	7.62	7.62	7.62	7.62	7.62	7.62	7.52	7.72
Aroclor-1268-2	(2)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-3	(3)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1268-4	(4)	8.18	8.18	8.18	8.18	8.18	8.18	8.08	8.28
Aroclor-1268-5	(5)	8.48	8.48	8.48	8.48	8.48	8.48	8.38	8.58

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

A

B

C

D

E

F

G

H

I

J

K

L

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	4
Aroclor-1016-2	(2)	404548343	410201719	419086158	434302728	418957120	3
Aroclor-1016-3	(3)	276313882	283350735	295214768	305005424	303271420	4
Aroclor-1016-4	(4)	219460370	224028880	231955104	239248200	241192240	4
Aroclor-1016-5	(5)	230837381	238568924	249276722	260302648	279364560	8
Aroclor-1260-1	(1)	430087746	435401064	458150304	486996644	475087940	5
Aroclor-1260-2	(2)	526959551	526383048	555764632	590931960	578558580	5
Aroclor-1260-3	(3)	436965341	443883275	464184392	487588856	485769460	5
Aroclor-1260-4	(4)	403312630	406530869	426472890	444299896	446086500	5
Aroclor-1260-5	(5)	957132439	955503789	984649950	1000570432	961557080	2
Decachlorobiphenyl		7019975940	7102279760	7343195240	7645101200	7409935200	3
Tetrachloro-m-xylene		8754554380	8783699800	8926447760	8858353120	8177601800	3
Aroclor-1242-1	(1)	247125512	244458381	250566506	269052152	275422740	5
Aroclor-1242-2	(2)	337820704	332549081	339649972	356992284	358797680	3
Aroclor-1242-3	(3)	232389462	228960781	237971694	251417972	255318460	5
Aroclor-1242-4	(4)	184244210	179103536	186955244	196540012	206728220	6
Aroclor-1242-5	(5)	194011522	194743607	197474576	218140108	233983940	9
Decachlorobiphenyl		7151632520	7167100640	7259242160	7695082840	7616154000	4
Tetrachloro-m-xylene		8921368150	8691850413	8750108140	8842570400	8500038400	2
Aroclor-1248-1	(1)	180443308	190883876	199902132	213303984	216831760	8
Aroclor-1248-2	(2)	246301061	262357348	276907834	298582396	301778920	9
Aroclor-1248-3	(3)	307776547	326479597	342321706	362333244	366087160	7
Aroclor-1248-4	(4)	437732929	457834677	479474244	502800428	504795820	6
Aroclor-1248-5	(5)	308766537	323271540	339143702	357998428	363873980	7
Decachlorobiphenyl		7041971050	7340001867	7677772660	8334328560	8377267200	8
Tetrachloro-m-xylene		8742483090	9116744787	9342439560	9446963040	8577776400	4
Aroclor-1254-1	(1)	463230517	487037587	512031514	533861324	572040640	8
Aroclor-1254-2	(2)	407035308	429134731	452892530	476390932	511836900	9
Aroclor-1254-3	(3)	665923649	695083201	726473802	743208540	769953480	6
Aroclor-1254-4	(4)	404280854	421077525	444268156	458648100	465789400	6
Aroclor-1254-5	(5)	578915300	604639081	636092894	662542188	693421140	7
Decachlorobiphenyl		7146512650	7451889427	7845842200	8029803560	8289288000	6
Tetrachloro-m-xylene		8916956510	9205112240	9483653100	9313097600	8995829000	3
Aroclor-1268-1	(1)	1246089127	1198545457	1234114434	1276827264	1264498100	2

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	160474276
Aroclor-1016-2	(2)	216342839	218481491	224728354	232664856	218246400	222092788
Aroclor-1016-3	(3)	120117826	122069885	126984464	131660600	128335340	125833623
Aroclor-1016-4	(4)	96843518	100727947	106065160	112123848	108269060	104805907
Aroclor-1016-5	(5)	124135109	128707045	133919966	139473364	149819760	135211049
Aroclor-1260-1	(1)	220557751	224688929	233372252	247245708	244312440	234035416
Aroclor-1260-2	(2)	265498816	268435476	278836448	291165028	298902840	280567722
Aroclor-1260-3	(3)	247895049	250737920	258985508	271036448	289186460	263568277
Aroclor-1260-4	(4)	206205103	207830825	214807128	221847076	213061100	212750246
Aroclor-1260-5	(5)	485216265	483370987	491130416	498849136	461100640	483933489
Decachlorobiphenyl		3766442770	3798929547	3925647180	4081005080	3802565400	3874917995
Tetrachloro-m-xylene		5125815400	5157614040	5227779180	5235220160	4600485000	5069382756
Aroclor-1242-1	(1)	129471703	129065633	132661290	141454628	146186400	135767931
Aroclor-1242-2	(2)	181117644	180316532	183263990	191612732	190980420	185458264
Aroclor-1242-3	(3)	100948316	100485531	102947708	108518220	114012140	105382383
Aroclor-1242-4	(4)	100375229	100398940	104407974	111868140	119593080	107328673
Aroclor-1242-5	(5)	119243844	118999972	122020908	130935164	140800680	126400114
Decachlorobiphenyl		3837824030	3881889067	3932164520	4142632320	3981873600	3955276707
Tetrachloro-m-xylene		5175637870	5056121747	5062590080	5077379040	4694060200	5013157787
Aroclor-1248-1	(1)	96151235	101173276	106208356	111512520	110549280	105118933
Aroclor-1248-2	(2)	134456241	142517627	150226096	159660040	159777460	149327493
Aroclor-1248-3	(3)	143332101	151082947	159714030	169070604	168858280	158411592
Aroclor-1248-4	(4)	168393487	177299203	184813874	193701216	188544620	182550480
Aroclor-1248-5	(5)	162171392	168228800	176144562	182809080	188663420	175603451
Decachlorobiphenyl		3812249930	3973614533	4145380680	4445118560	4295672800	4134407301
Tetrachloro-m-xylene		4965646150	5143987440	5236574340	5255843080	4633325600	5047075322
Aroclor-1254-1	(1)	245816740	256457156	269229946	279215328	303441080	270832050
Aroclor-1254-2	(2)	215464605	225390397	238770420	248817564	271658880	240020373
Aroclor-1254-3	(3)	351887512	364509791	380441060	386791796	393925500	375511132
Aroclor-1254-4	(4)	202983022	209924784	220508360	226093392	228876240	217677160
Aroclor-1254-5	(5)	301571990	312619885	327015726	332817532	339773740	322759775
Decachlorobiphenyl		3941299730	4071714027	4258931580	4374402200	4331619600	4195593427
Tetrachloro-m-xylene		5092418740	5228867107	5367266300	5227916200	4998387200	5182971109
Aroclor-1268-1	(1)	656711077	629047555	645909990	662020976	635929760	645923872

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 #
1.BLK	1.BLK	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
1.BLK	1.BLK	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
1.BLK	1.BLK	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
1.BLK	1.BLK	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

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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

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

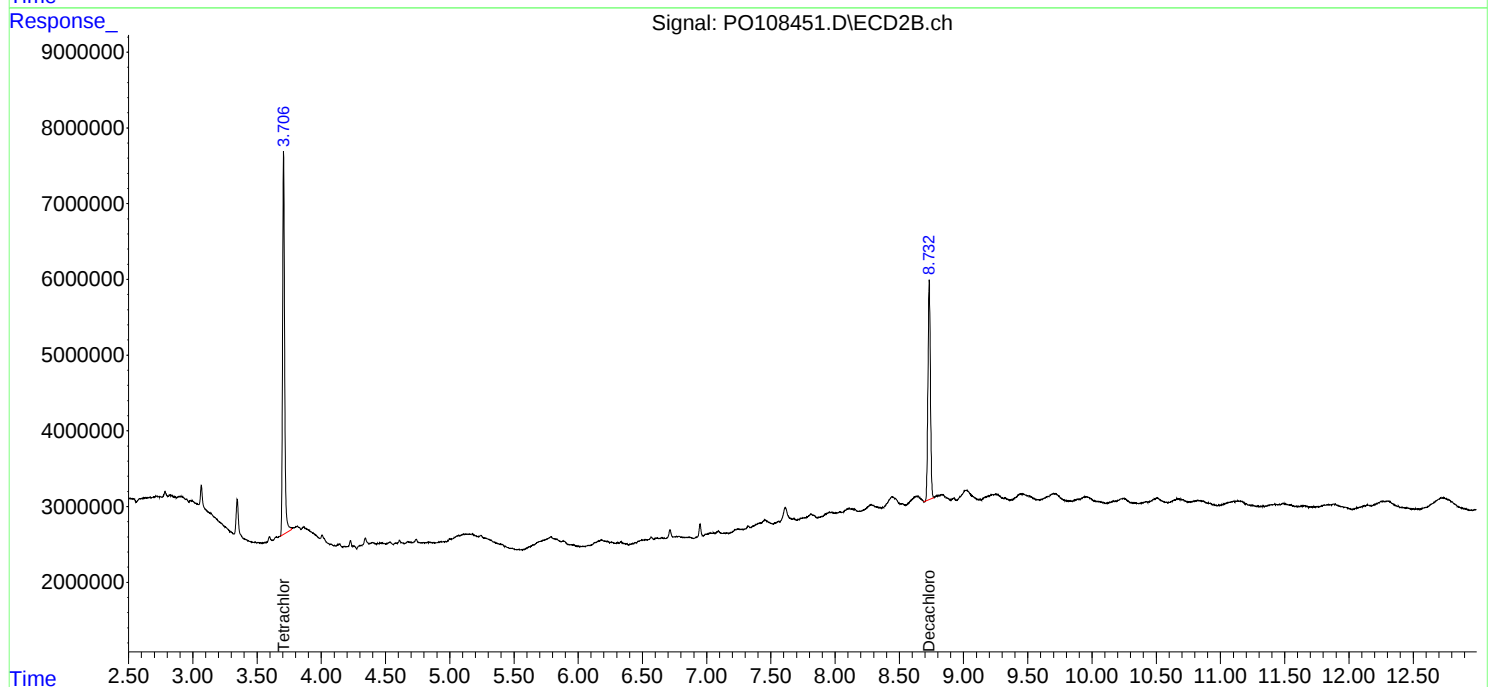
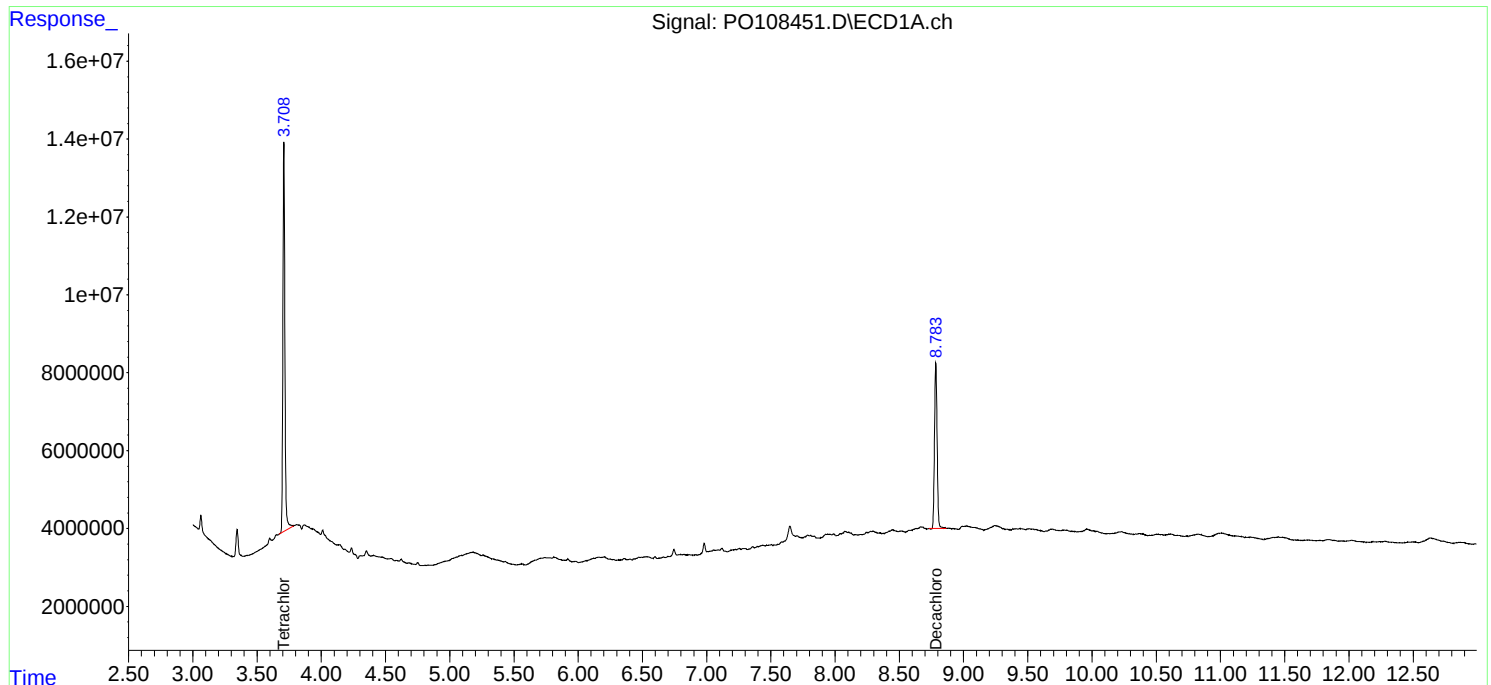
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

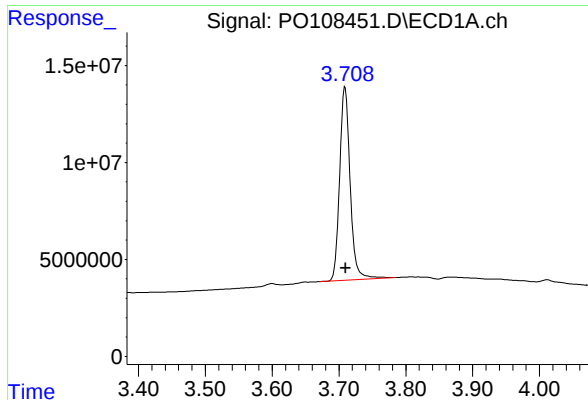
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 17:43
Operator : YP/AJ
Sample : P5217-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

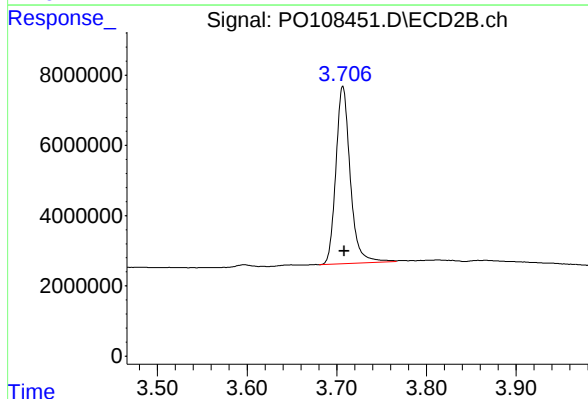




#1 Tetrachloro-m-xylene

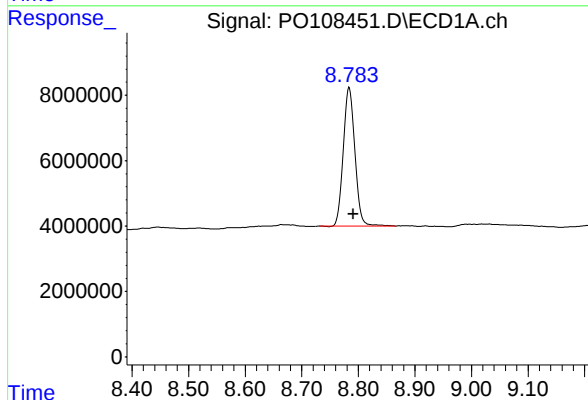
R.T.: 3.709 min
Delta R.T.: 0.000 min
Response: 108441038
Conc: 12.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO



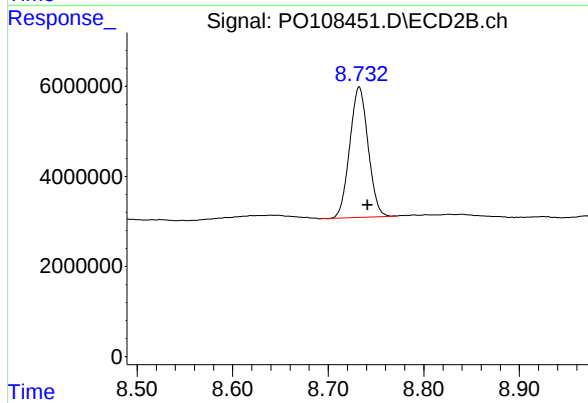
#1 Tetrachloro-m-xylene

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

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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

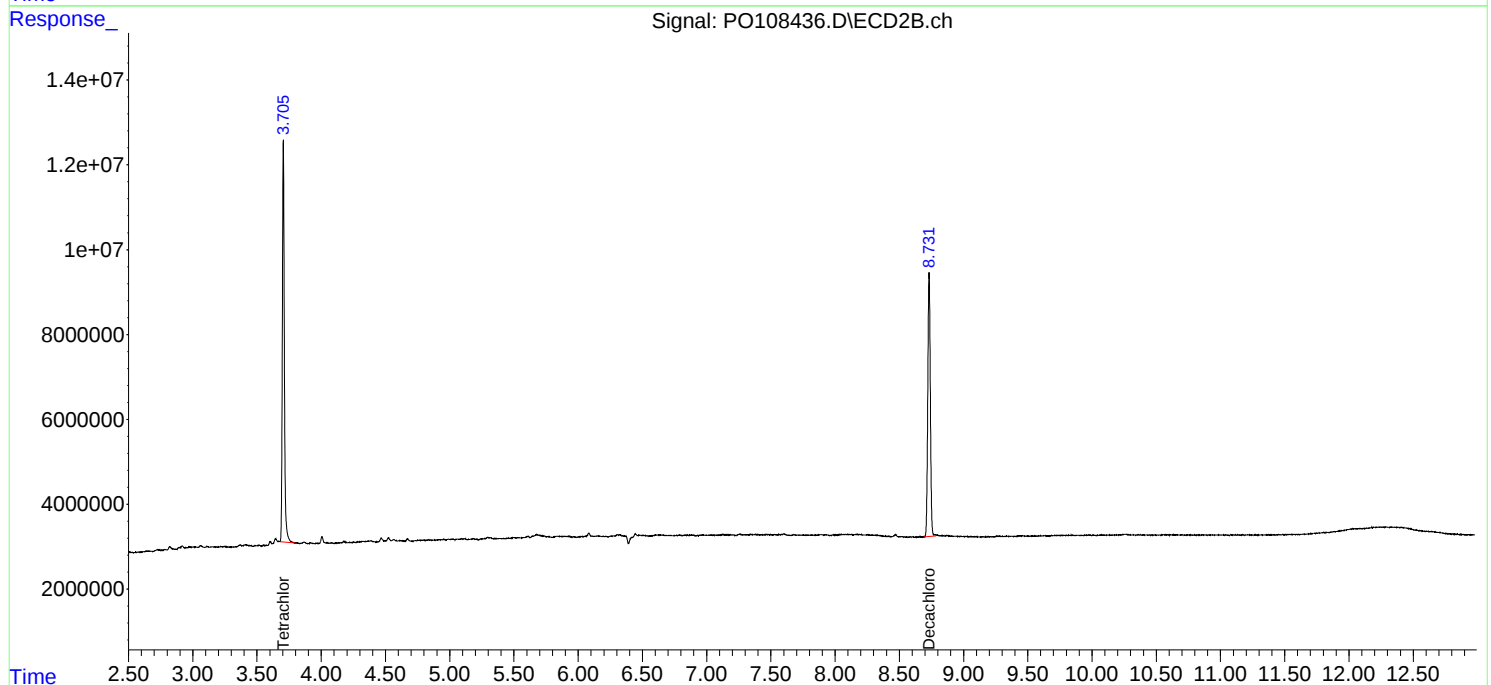
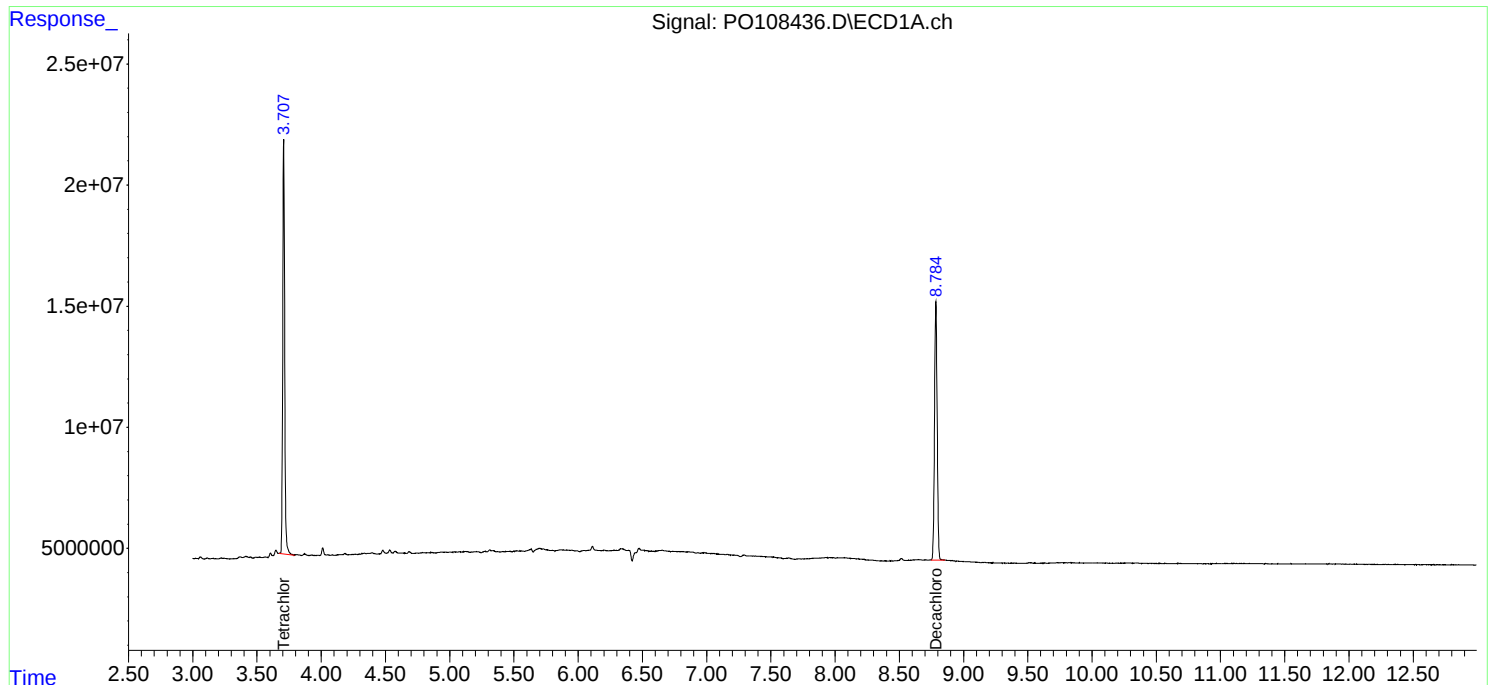
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

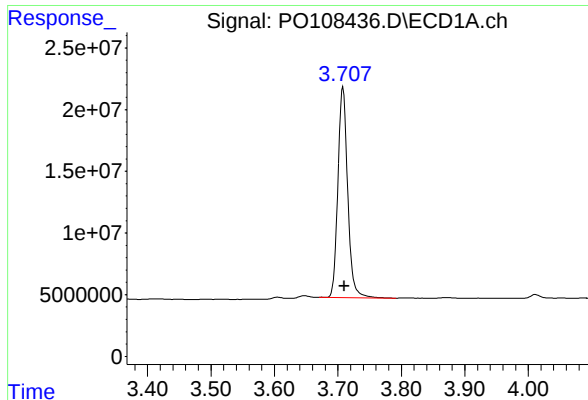
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121024\
Data File : PO108436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2024 12:25
Operator : YP/AJ
Sample : PB165518BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

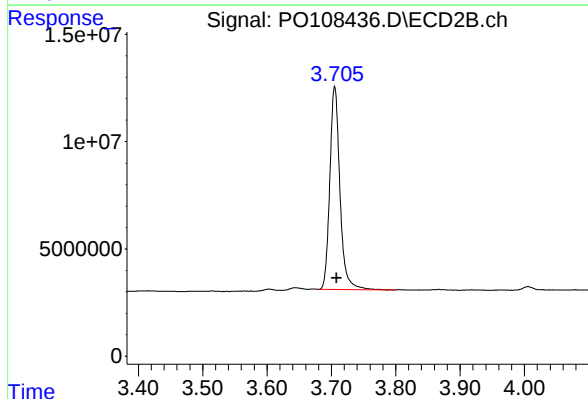




#1 Tetrachloro-m-xylene

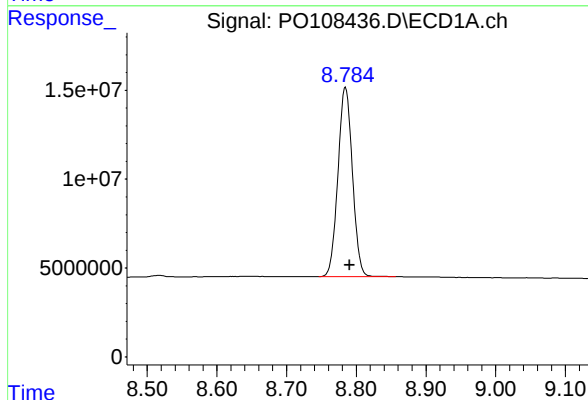
R.T.: 3.708 min
Delta R.T.: -0.002 min
Response: 182817593
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB165518BL



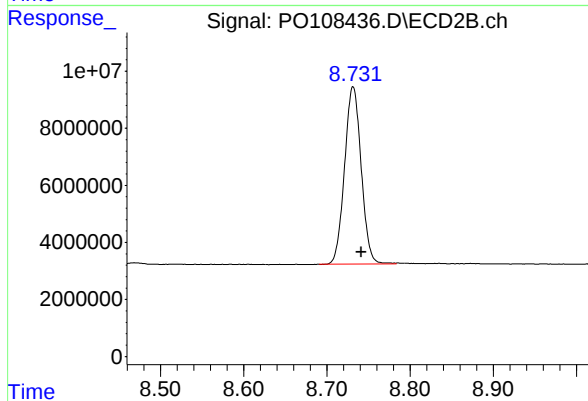
#1 Tetrachloro-m-xylene

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

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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

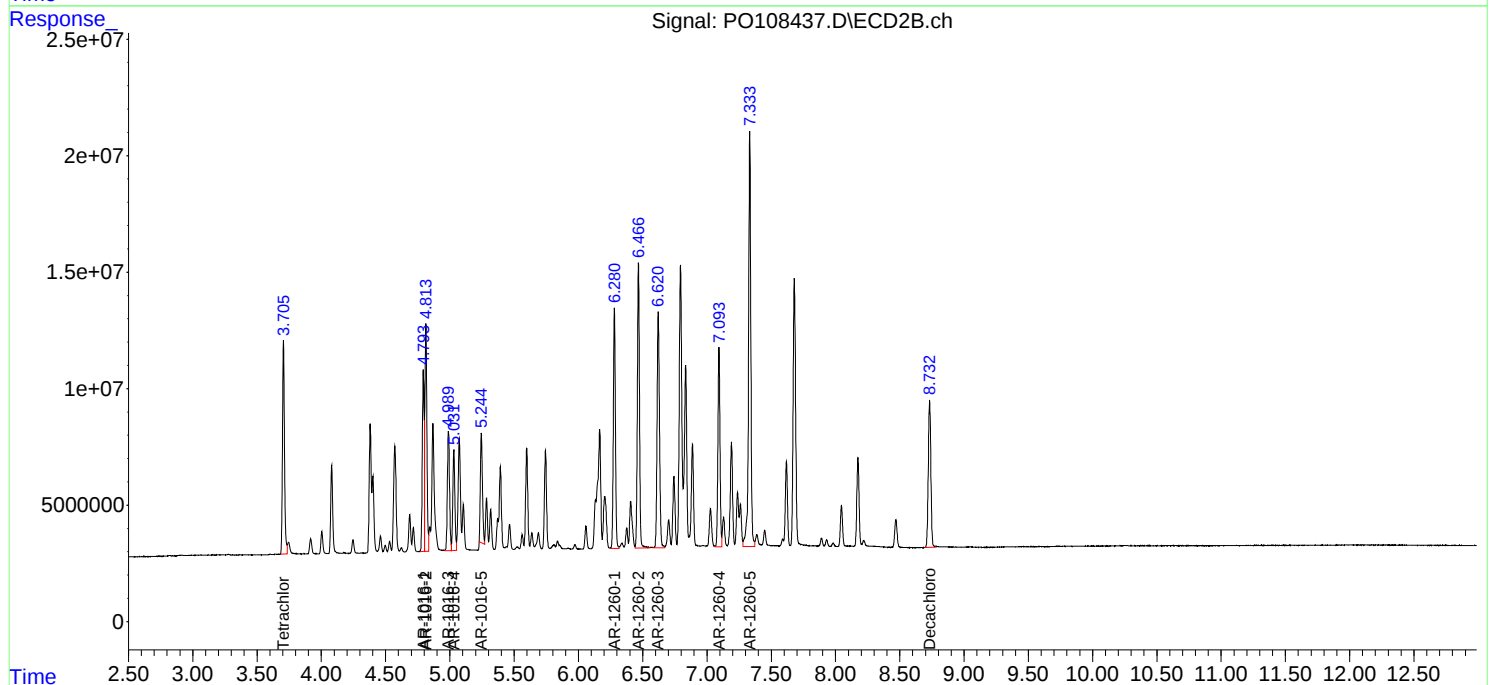
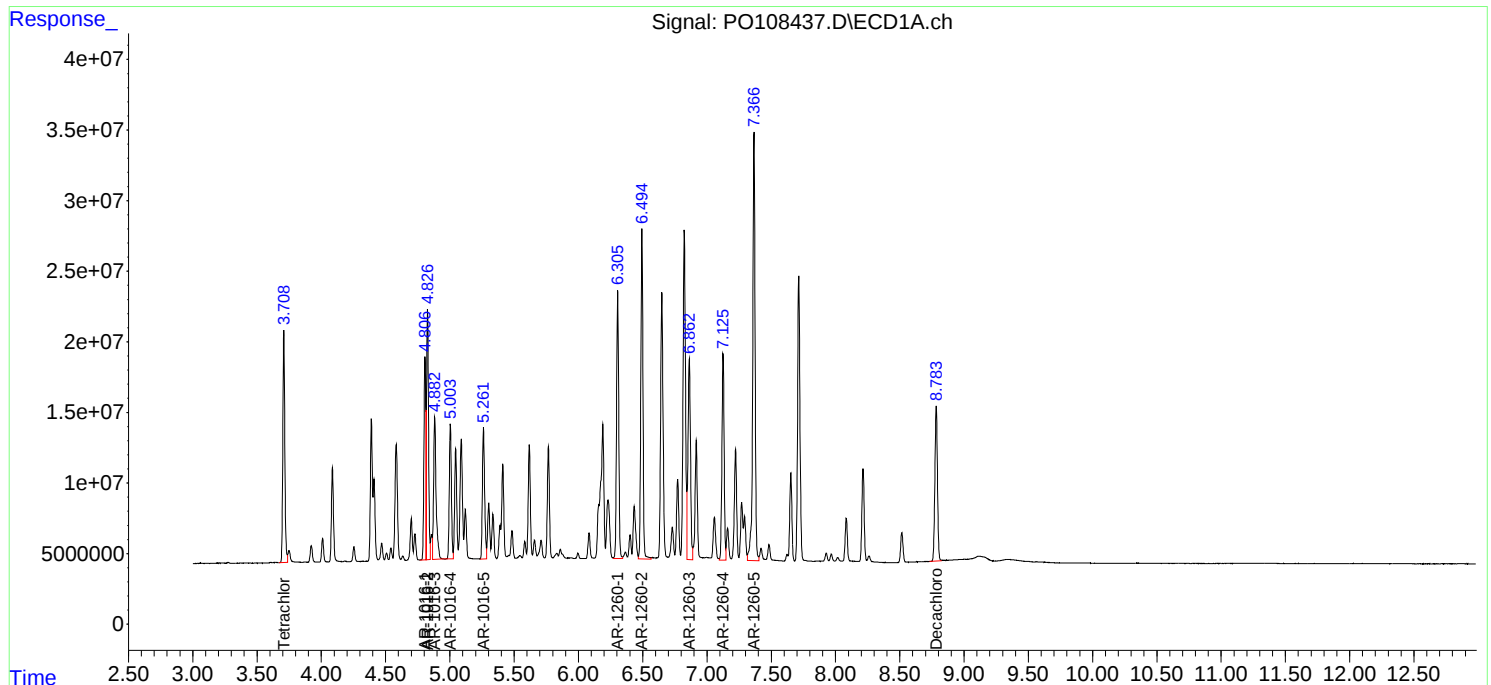
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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



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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

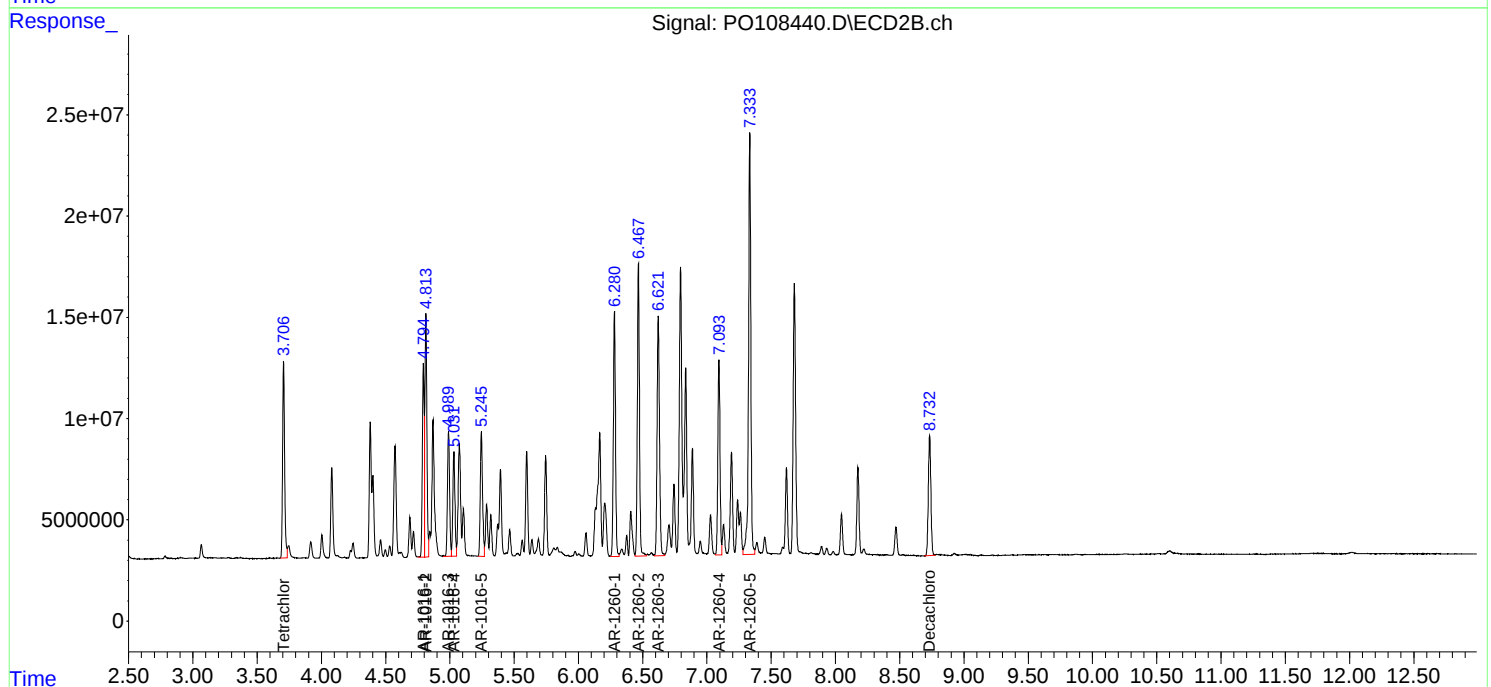
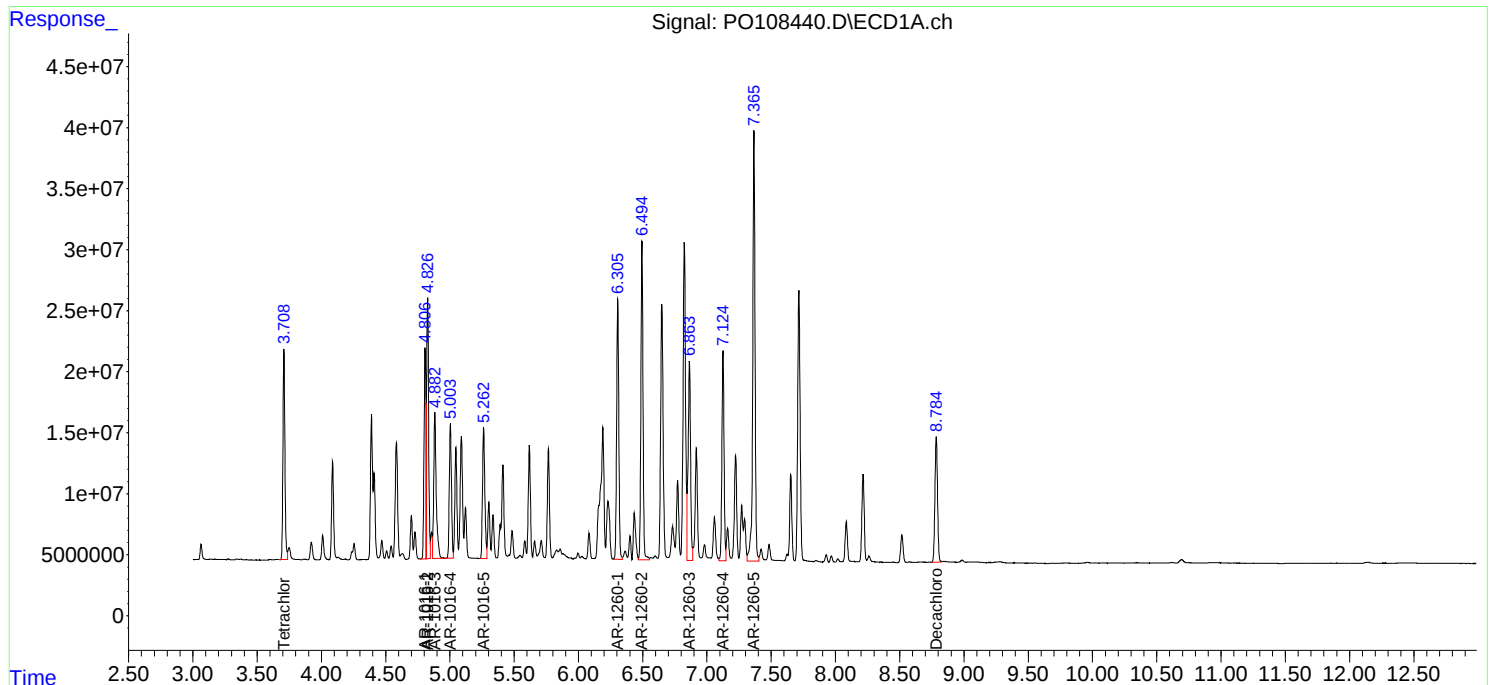
APPROVED

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

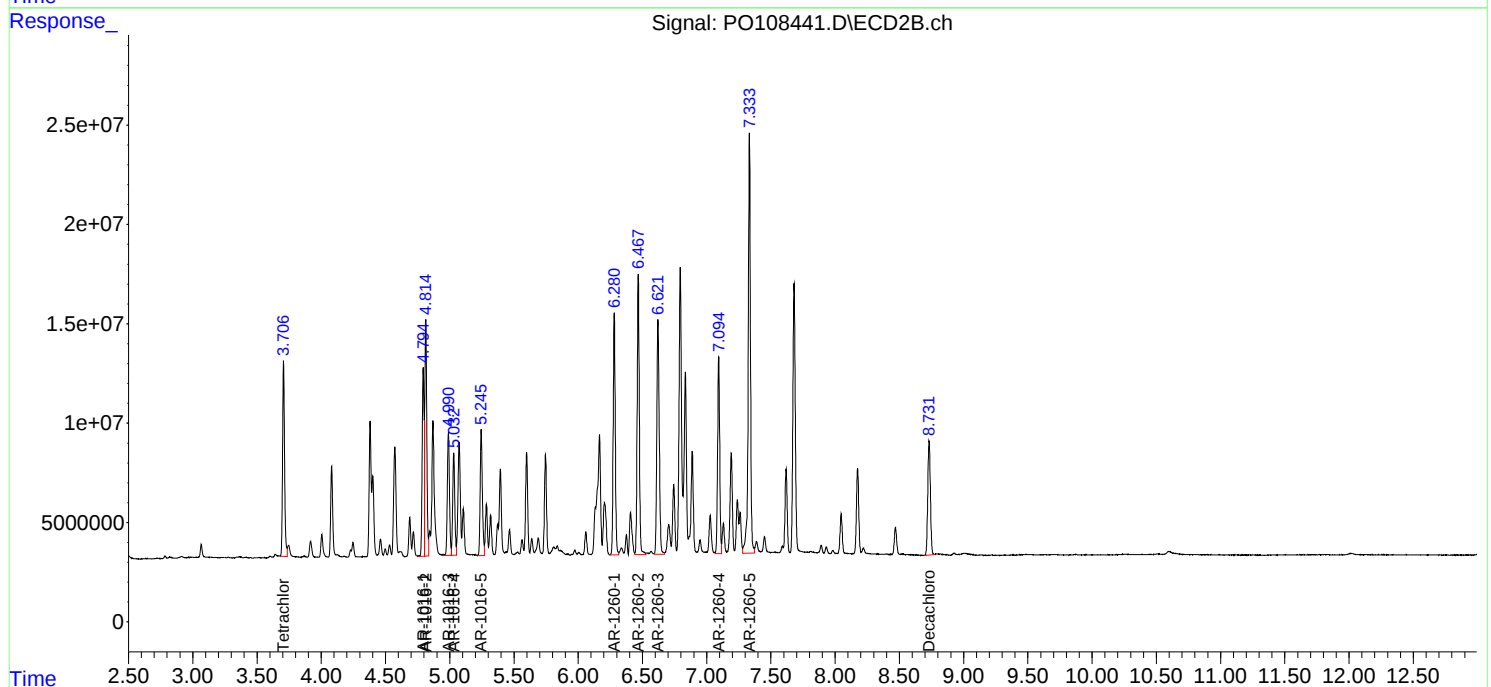
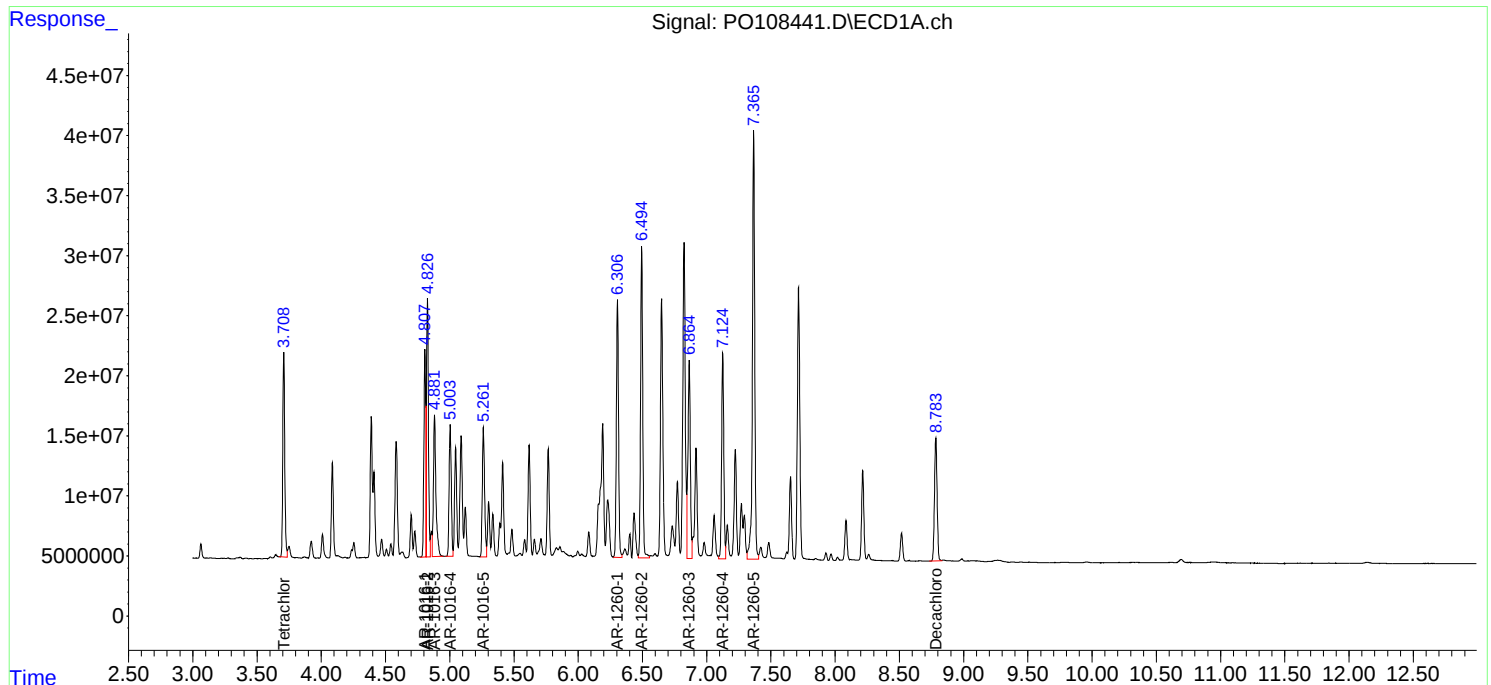
APPROVED

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
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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

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

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

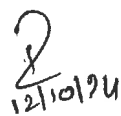
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/10/24	RP (Fpt. Lab)	ADP EST PCA Lab
11:20	Preparation Group	Analysis Group

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.



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



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
Client ID : P5217-01	MIXED-DEMO 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



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

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

A

B

C

D

E

F

G

H

I

J



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
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

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: <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>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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: <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> sas no.: <u>P5217</u>
matrix: <u>Solid</u>	sample id: <u>P5217-01</u>	client id: <u>MIXED-DEMOMS</u>
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

A

B

C

D

E

F

G

H

I

J

metals
- 5a -
MATRIX SPIKE DUPLICATE 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> sas no.: <u>P5217</u>
matrix: <u>Solid</u>	sample id: <u>P5217-01</u>	client id: <u>MIXED-DEMOMSD</u>
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

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

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> SAS 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

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

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>P5217-01MS</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

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 7 -

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

Metals

- 11 -

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/QCBatch 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

Standardized 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] 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



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number	P5217
COC Number	

CLIENT INFORMATION			PROJECT INFORMATION				BILLING INFORMATION																		
Report to be sent to:			PROJECT NAME: 45-40 Vernon Blvd LIC				BILL TO: EarthEfficient					PO#													
COMPANY: EarthEfficient			PROJECT #:		LOCATION: 45-40 Vernon Blvd		ADDRESS: 30 W Main St																		
ADDRESS: 30 W Main St			PROJECT MANAGER: Ryan Casserly		Long Island City, NY		CITY: Riverhead					STATE: NY			ZIP: 11901										
CITY: Riverhead STATE: NY ZIP: 11901			E-MAIL: envteam@earthefficient.com				ATTENTION: Pia Tague - pia@earthefficient.com																		
ATTENTION: Env Team - envteam@earthefficient.com			PHONE: (631) 209-4245		FAX:		PHONE: (631) 209-4245																		
PHONE: (631) 209-4245 FAX:																									
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION				ANALYSIS																		
FAX (RUSH) ⁵ _____ DAYS*			☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)				<table><tr><td>1 total lead (6010)</td><td>2 PCBs (8082)</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table>										1 total lead (6010)	2 PCBs (8082)	3	4	5	6	7	8	9
1 total lead (6010)	2 PCBs (8082)	3	4	5	6	7											8	9							
HARDCOPY (DATA PACKAGE): ⁵ _____ DAYS*			☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP																						
EDD: ⁵ _____ DAYS*			☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B																						
*TO BE APPROVED BY CHEMTECH			☐ EDD FORMAT _____ ☐ Other _____																						
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																									
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER								
			COMP	GPAB	DATE	TIME		1	2	3	4	5	6	7	8	9									
1.	Mixed Demo	S	✓		12/9/14	11:20am	1	✓	✓																
2.																									
3.																									
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY																									
RELINQUISHED BY SAMPLER		DATE/TIME	RECEIVED BY		Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.4°C																				
1. [Signature]		12/9/14	1. [Signature]		Comments:																				
RELINQUISHED BY		DATE/TIME	RECEIVED BY																						
2.			2.																						
RELINQUISHED BY		DATE/TIME	RECEIVED FOR LAB BY																						
3.			3.																						
Page 1 of 1					CLIENT: ☐ Hand Delivered ☐ Other: _____					Shipment Complete															
					CHEMTECH: ☐ Picked Up					☐ YES ☐ NO															

10/2021

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488