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

DATA PACKAGE

METALS
GC SEMI-VOLATILES

PROJECT NAME : 120-122 LIBERTY AVE BK

EARTHEFFICIENT LLC

30 West Main St

Riverhead, NY - 11901

Phone No: 631-702-2770

ORDER ID : P4699

ATTENTION : Environmental Team

Laboratory Certification ID # 20012

Table Of Contents for P4699

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : EarthEfficient LLC

Project Location : Brooklyn,NY

Project Number : - 120-122 Liberty Ave BK

Laboratory Sample ID(s) : P4699

Sampling Date(s) : 11/04/2024

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.”

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Cover Page

Order ID : P4699

Project ID : 120-122 Liberty Ave BK

Client : EarthEfficient LLC

Lab Sample Number	Client Sample Number
P4699-01	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 : N. N. Pandya

APPROVED

Date: 11/18/2024

By Nimisha Pandya, QA/QC Supervisor at 12:14 pm, Nov 18, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

EarthEfficient LLC
Project Name: 120-122 Liberty Ave BK
Project # N/A
Chemtech Project # P4699
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 11/04/2024.

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

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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 N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 12:14 pm, Nov 18, 2024

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

CASE NARRATIVE

EarthEfficient LLC
Project Name: 120-122 Liberty Ave BK
Project # N/A
Chemtech Project # P4699
Test Name: Metals Group3

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 11/04/2024.

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 N. N. Pandya

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 12:15 pm, Nov 18, 2024

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4699

	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:** 11/18/2024

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Hit Summary Sheet
SW-846

SDG No.: P4699 **Order ID:** P4699

Client: EarthEfficient LLC **Project ID:** 120-122 Liberty Ave BK

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/04/24
Project:	120-122 Liberty Ave BK	Date Received:	11/04/24
Client Sample ID:	MIXED-DEMO	SDG No.:	P4699
Lab Sample ID:	P4699-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	99.5 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107703.D	1	11/05/24 08:35	11/05/24 19:53	PB164678

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	23.2		30 (32) - 150 (144)	116%	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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: P4699

Client: EarthEfficient LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO107183.D	PIBLK-PO107183.D	Tetrachloro-m-xylene	1	20	22.5	112		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.4	117		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.8	114		70 (60)	130 (140)
I.BLK-PO107686.D	PIBLK-PO107686.D	Tetrachloro-m-xylene	1	20	20.7	104		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.3	107		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.1	105		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.0	105		70 (60)	130 (140)
PB164678BL	PB164678BL	Tetrachloro-m-xylene	1	20	20.9	104		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.7	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.4	107		30 (32)	150 (175)
PB164678BS	PB164678BS	Tetrachloro-m-xylene	1	20	21.3	107		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.9	109		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.2	101		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.6	108		30 (32)	150 (175)
I.BLK-PO107701.D	PIBLK-PO107701.D	Tetrachloro-m-xylene	1	20	21.0	105		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.0	105		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.5	107		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.9	105		70 (60)	130 (140)
P4699-01	MIXED-DEMO	Tetrachloro-m-xylene	1	20	22.8	114		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.9	110		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.2	116		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.2	111		30 (32)	150 (175)
P4701-01MS	BP-F3MS	Tetrachloro-m-xylene	1	20	24.7	123		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.5	107		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.4	122		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.9	109		30 (32)	150 (175)
P4701-01MSD	BP-F3MSD	Tetrachloro-m-xylene	1	20	23.5	117		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.7	109		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.8	124		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.7	109		30 (32)	150 (175)
I.BLK-PO107715.D	PIBLK-PO107715.D	Tetrachloro-m-xylene	1	20	21.7	109		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.0	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.0	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.1	115		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4699

Client: EarthEfficient LLC

Analytical Method: 8082A **DataFile :** PO107706.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**BP-F3MS**											
P4701-01MS	AR1016	199	0	236	ug/kg	119				40 (55)	140 (146)	
	AR1260	199	0	215	ug/kg	108				40 (45)	140 (144)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4699

Client: EarthEfficient LLC

Analytical Method: 8082A **DataFile :** PO107707.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**BP-F3MSD**											
P4701-01MSD	AR1016	198.9	0	244	ug/kg	123		3		40 (55)	140 (146)	30 (20)
	AR1260	198.9	0	220	ug/kg	111		3		40 (45)	140 (144)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4699

Client: EarthEfficient LLC

Analytical Method: 8082A **Datafile :** PO107688.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB164678BS	AR1016	166.6	155	ug/kg	93				40 (71)	140 (120)	
	AR1260	166.6	156	ug/kg	94				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164678BL

Lab Name: CHEMTECH Contract: EART12

Lab Code: CHEM Case No.: P4699 SAS No.: P4699 SDG NO.: P4699

Lab Sample ID: PB164678BL Lab File ID: PO107687.D

Matrix: (soil/water) Solid Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 11/05/2024

Date Analyzed (1): 11/05/2024 Date Analyzed (2): 11/05/2024

Time Analyzed (1): 15:00 Time Analyzed (2): 15:00

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB164678BS	PB164678BS	PO107688.D	11/05/2024	11/05/2024
MIXED-DEMO	P4699-01	PO107703.D	11/05/2024	11/05/2024
BP-F3MS	P4701-01MS	PO107706.D	11/05/2024	11/05/2024
BP-F3MSD	P4701-01MSD	PO107707.D	11/05/2024	11/05/2024

COMMENTS:

QC SAMPLE DATA

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

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	
Project:	120-122 Liberty Ave BK	Date Received:	
Client Sample ID:	PB164678BL	SDG No.:	P4699
Lab Sample ID:	PB164678BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107687.D	1	11/05/24 08:35	11/05/24 15:00	PB164678

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	21.1		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		30 (32) - 150 (175)	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

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	10/15/24
Project:	120-122 Liberty Ave BK	Date Received:	10/15/24
Client Sample ID:	PIBLK-PO107183.D	SDG No.:	P4699
Lab Sample ID:	I.BLK-PO107183.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107183.D	1		10/15/24	po101524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		70 (60) - 130 (140)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		70 (60) - 130 (140)	114%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/05/24
Project:	120-122 Liberty Ave BK	Date Received:	11/05/24
Client Sample ID:	PIBLK-PO107686.D	SDG No.:	P4699
Lab Sample ID:	I.BLK-PO107686.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
PO107686.D	1		11/05/24	PO110524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		70 (60) - 130 (140)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		70 (60) - 130 (140)	105%	SPK: 20

Comments:

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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
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* = Values outside of QC limits
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/05/24
Project:	120-122 Liberty Ave BK	Date Received:	11/05/24
Client Sample ID:	PIBLK-PO107701.D	SDG No.:	P4699
Lab Sample ID:	I.BLK-PO107701.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
PO107701.D	1		11/05/24	PO110524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		70 (60) - 130 (140)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		70 (60) - 130 (140)	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
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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = 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

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/05/24
Project:	120-122 Liberty Ave BK	Date Received:	11/05/24
Client Sample ID:	PIBLK-PO107715.D	SDG No.:	P4699
Lab Sample ID:	I.BLK-PO107715.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
PO107715.D	1		11/05/24	PO110524

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	21.7		70 (60) - 130 (140)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		70 (60) - 130 (140)	110%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	
Project:	120-122 Liberty Ave BK	Date Received:	
Client Sample ID:	PB164678BS	SDG No.:	P4699
Lab Sample ID:	PB164678BS	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
PO107688.D	1	11/05/24 08:35	11/05/24 15:16	PB164678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	155		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	156		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		30 (32) - 150 (175)	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/04/24
Project:	120-122 Liberty Ave BK	Date Received:	11/04/24
Client Sample ID:	BP-F3MS	SDG No.:	P4699
Lab Sample ID:	P4701-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.7 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107706.D	1	11/05/24 08:35	11/05/24 20:43	PB164678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	236		4.00	20.3	ug/kg
11104-28-2	Aroclor-1221	7.70	U	7.70	20.3	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.3	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	20.3	ug/kg
12672-29-6	Aroclor-1248	9.40	U	9.40	20.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.3	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	20.3	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	20.3	ug/kg
11096-82-5	Aroclor-1260	215		3.50	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.7		30 (32) - 150 (144)	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		30 (32) - 150 (175)	109%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/04/24
Project:	120-122 Liberty Ave BK	Date Received:	11/04/24
Client Sample ID:	BP-F3MSD	SDG No.:	P4699
Lab Sample ID:	P4701-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.7 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107707.D	1	11/05/24 08:35	11/05/24 20:59	PB164678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	244		4.00	20.3	ug/kg
11104-28-2	Aroclor-1221	7.60	U	7.60	20.3	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.3	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	20.3	ug/kg
12672-29-6	Aroclor-1248	9.40	U	9.40	20.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.3	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	20.3	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	20.3	ug/kg
11096-82-5	Aroclor-1260	220		3.50	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.8		30 (32) - 150 (144)	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		30 (32) - 150 (175)	109%	SPK: 20

Comments:

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CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Calibration Times: 18:27 02:36

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

LAB FILE ID: RT 1000 = PO107184.D RT 750 = PO107185.D

RT 500 = PO107186.D RT 250 = PO107187.D RT 050 = PO107188.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1016-2	(2)	5.54	5.55	5.55	5.54	5.54	5.54	5.44	5.64
Aroclor-1016-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1016-4	(4)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1016-5	(5)	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1260-1	(1)	7.12	7.13	7.13	7.12	7.13	7.13	7.03	7.23
Aroclor-1260-2	(2)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1260-3	(3)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1260-4	(4)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1260-5	(5)	8.28	8.28	8.28	8.28	8.28	8.28	8.18	8.38
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1242-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1242-2	(2)	5.55	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1242-3	(3)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Aroclor-1242-4	(4)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1242-5	(5)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1248-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1248-2	(2)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-3	(3)	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
Aroclor-1248-4	(4)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1248-5	(5)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1254-1	(1)	6.37	6.37	6.38	6.37	6.38	6.37	6.27	6.47
Aroclor-1254-2	(2)	6.59	6.59	6.59	6.59	6.59	6.59	6.49	6.69
Aroclor-1254-3	(3)	6.96	6.96	6.96	6.96	6.96	6.96	6.86	7.06
Aroclor-1254-4	(4)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1254-5	(5)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Decachlorobiphenyl		10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene		4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47
Aroclor-1268-1	(1)	8.59	8.59	8.59	8.59	8.59	8.59	8.49	8.69
Aroclor-1268-2	(2)	8.68	8.68	8.68	8.68	8.68	8.68	8.58	8.78
Aroclor-1268-3	(3)	8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Aroclor-1268-4	(4)	9.31	9.31	9.31	9.31	9.31	9.31	9.21	9.41
Aroclor-1268-5	(5)	9.72	9.72	9.72	9.72	9.72	9.72	9.62	9.82

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RETENTION TIMES OF INITIAL CALIBRATION

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

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Calibration Times: 18:27 02:36

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

LAB FILE ID: RT 1000 = PO107184.D RT 750 = PO107185.D

RT 500 = PO107186.D RT 250 = PO107187.D RT 050 = PO107188.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.39	6.39	6.39	6.39	6.40	6.39	6.29	6.49
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.65	3.64	3.64	3.64	3.54	3.74
Aroclor-1242-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-2	(2)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.00	5.01	5.00	5.01	5.00	5.00	4.90	5.10
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.64	3.65	3.64	3.64	3.54	3.74
Aroclor-1248-1	(1)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1248-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-3	(3)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-4	(4)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1248-5	(5)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.64	3.64	3.64	3.64	3.64	3.64	3.54	3.74
Aroclor-1254-1	(1)	5.53	5.53	5.53	5.53	5.53	5.53	5.43	5.63
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.30	6.30	6.30	6.31	6.30	6.30	6.20	6.40
Aroclor-1254-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.65	3.64	3.64	3.64	3.65	3.64	3.54	3.74
Aroclor-1268-1	(1)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.81	7.81	7.81	7.81	7.81	7.81	7.71	7.91
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Calibration Times: 18:27 02:36

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

LAB FILE ID: **CF 1000 =** PO107184.D **CF 750 =** PO107185.D

CF 500 = PO107186.D **CF 250 =** PO107187.D **CF 050 =** PO107188.D

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Calibration Times: 18:27 02:36

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

LAB FILE ID: **CF 1000 =** PO107184.D **CF 750 =** PO107185.D

CF 500 = PO107186.D **CF 250 =** PO107187.D **CF 050 =** PO107188.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	98519363	99934743	102532802	106601384	108740020	103265662	4
Aroclor-1016-2	(2)	140533795	142751421	144315942	146877552	130360060	140967754	5
Aroclor-1016-3	(3)	75819146	77111448	78799028	81783348	80215260	78745646	3
Aroclor-1016-4	(4)	61532960	63413097	65607722	69564368	70423600	66108349	6
Aroclor-1016-5	(5)	78878086	80970861	83522668	86940988	80356660	82133853	4
Aroclor-1260-1	(1)	150450531	152030172	155131756	161942364	156218200	155154605	3
Aroclor-1260-2	(2)	173752920	181526657	184104290	189736236	151457920	176115605	8
Aroclor-1260-3	(3)	168454604	170292340	172108108	175991544	151894120	167748143	6
Aroclor-1260-4	(4)	143637024	144895129	147115166	150514212	137242140	144680734	3
Aroclor-1260-5	(5)	340738400	339782780	336796716	340391952	289493480	329440666	7
Decachlorobiphenyl		2730622670	2745732653	2784792900	2852828640	2594005000	2741596373	3
Tetrachloro-m-xylene		3312014480	3338472613	3349065240	3230716080	2862214000	3218496483	6
Aroclor-1242-1	(1)	80390662	80447493	83937762	87266896	86674240	83743411	4
Aroclor-1242-2	(2)	114487494	111266404	117741916	120667112	114031640	115638913	3
Aroclor-1242-3	(3)	61817452	60461905	64396992	66865868	63624080	63433259	4
Aroclor-1242-4	(4)	60582529	60636219	64384594	68045260	66598220	64049364	5
Aroclor-1242-5	(5)	73763103	75675432	77215916	80736528	80226620	77523520	4
Decachlorobiphenyl		2686985320	2764418280	2764436780	2798541920	2665265400	2735929540	2
Tetrachloro-m-xylene		3315724680	3241948653	3341198040	3335574400	2920075400	3230904235	6
Aroclor-1248-1	(1)	60218805	63038185	64879120	66667236	62402400	63441149	4
Aroclor-1248-2	(2)	85173308	89108361	93061950	96541480	93540340	91485088	5
Aroclor-1248-3	(3)	89257070	93226611	97377878	100891904	96212540	95393201	5
Aroclor-1248-4	(4)	105934439	110533117	114760412	117772688	111691080	112138347	4
Aroclor-1248-5	(5)	102828085	105359652	109801380	114217964	119140640	110269544	6
Decachlorobiphenyl		2669365810	2682497173	2791873700	2836714480	2679938000	2732077833	3
Tetrachloro-m-xylene		3278417600	3389239440	3425836480	3362184040	2965722400	3284279992	6
Aroclor-1254-1	(1)	159855276	163854537	165548332	171717704	162964860	164788142	3
Aroclor-1254-2	(2)	138468840	142269335	144546922	151325972	148203140	144962842	3
Aroclor-1254-3	(3)	227061110	231385951	232213406	238575248	218867080	229620559	3
Aroclor-1254-4	(4)	128242906	130249965	131325350	135207044	122091880	129423429	4
Aroclor-1254-5	(5)	191904554	195153152	195378104	201188864	171636600	191052255	6
Decachlorobiphenyl		2726927150	2738190720	2773447120	2836815760	2598739800	2734824110	3
Tetrachloro-m-xylene		3347799560	3397335627	3354246660	3362236280	2930639600	3278451545	6
Aroclor-1268-1	(1)	419191400	409991492	413863584	410849472	368955300	404570250	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.57	4.47	4.67	110010000
		2	4.66	4.56	4.76	78836600
		3	4.73	4.63	4.83	234100000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.73	4.63	4.83	195844000
		2	5.26	5.16	5.36	103025000
		3	5.54	5.44	5.64	179001000
		4	5.70	5.60	5.80	90165400
		5	5.80	5.70	5.90	65903200
Aroclor-1262	500	1	7.74	7.64	7.84	245548000
		2	8.28	8.18	8.38	309420000
		3	8.59	8.49	8.69	209196000
		4	8.68	8.58	8.78	163066000
		5	9.32	9.22	9.42	102764000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

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

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

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 13:01 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.75	7.74	7.64	7.84	-0.01
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.29	8.28	8.18	8.38	-0.01
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.07	10.06	9.96	10.16	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 13:01 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL01 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107682.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.522	5.423	5.623	496.940	500.000	-0.6
Aroclor-1016-2	5.544	5.445	5.645	490.020	500.000	-2.0
Aroclor-1016-3	5.607	5.507	5.707	482.070	500.000	-3.6
Aroclor-1016-4	5.704	5.604	5.804	497.190	500.000	-0.6
Aroclor-1016-5	5.999	5.899	6.099	491.380	500.000	-1.7
Aroclor-1260-1	7.128	7.026	7.226	479.190	500.000	-4.2
Aroclor-1260-2	7.384	7.282	7.482	525.610	500.000	5.1
Aroclor-1260-3	7.748	7.643	7.843	518.430	500.000	3.7
Aroclor-1260-4	7.972	7.868	8.068	541.150	500.000	8.2
Aroclor-1260-5	8.287	8.181	8.381	533.350	500.000	6.7
Decachlorobiphenyl	10.071	9.958	10.158	48.700	50.000	-2.6
Tetrachloro-m-xylene	4.371	4.274	4.474	49.030	50.000	-1.9

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL01 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107682.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.723	4.626	4.826	536.740	500.000	7.3
Aroclor-1016-2	4.742	4.645	4.845	546.450	500.000	9.3
Aroclor-1016-3	4.918	4.821	5.021	521.460	500.000	4.3
Aroclor-1016-4	4.959	4.862	5.062	474.530	500.000	-5.1
Aroclor-1016-5	5.173	5.076	5.276	525.150	500.000	5.0
Aroclor-1260-1	6.204	6.107	6.307	492.350	500.000	-1.5
Aroclor-1260-2	6.391	6.294	6.494	507.430	500.000	1.5
Aroclor-1260-3	6.544	6.448	6.648	492.680	500.000	-1.5
Aroclor-1260-4	7.015	6.918	7.118	465.830	500.000	-6.8
Aroclor-1260-5	7.256	7.159	7.359	492.690	500.000	-1.5
Decachlorobiphenyl	8.636	8.539	8.739	47.340	50.000	-5.3
Tetrachloro-m-xylene	3.642	3.545	3.745	55.510	50.000	11.0

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 18:14 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.75	7.74	7.64	7.84	-0.01
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.29	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.07	10.06	9.96	10.16	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 18:14 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL02 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107697.D **Time Analyzed:** 18:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.521	5.423	5.623	522.470	500.000	4.5
Aroclor-1016-2	5.543	5.445	5.645	507.430	500.000	1.5
Aroclor-1016-3	5.606	5.507	5.707	503.820	500.000	0.8
Aroclor-1016-4	5.703	5.604	5.804	525.210	500.000	5.0
Aroclor-1016-5	5.998	5.899	6.099	515.260	500.000	3.1
Aroclor-1260-1	7.126	7.026	7.226	513.720	500.000	2.7
Aroclor-1260-2	7.384	7.282	7.482	520.670	500.000	4.1
Aroclor-1260-3	7.746	7.643	7.843	528.800	500.000	5.8
Aroclor-1260-4	7.971	7.868	8.068	552.130	500.000	10.4
Aroclor-1260-5	8.285	8.181	8.381	543.660	500.000	8.7
Decachlorobiphenyl	10.070	9.958	10.158	48.260	50.000	-3.5
Tetrachloro-m-xylene	4.371	4.274	4.474	55.650	50.000	11.3

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL02 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107697.D **Time Analyzed:** 18:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.722	4.626	4.826	575.760	500.000	15.2
Aroclor-1016-2	4.742	4.645	4.845	589.770	500.000	18.0
Aroclor-1016-3	4.918	4.821	5.021	567.830	500.000	13.6
Aroclor-1016-4	4.959	4.862	5.062	515.120	500.000	3.0
Aroclor-1016-5	5.173	5.076	5.276	560.050	500.000	12.0
Aroclor-1260-1	6.203	6.107	6.307	556.200	500.000	11.2
Aroclor-1260-2	6.391	6.294	6.494	575.150	500.000	15.0
Aroclor-1260-3	6.545	6.448	6.648	536.310	500.000	7.3
Aroclor-1260-4	7.015	6.918	7.118	525.040	500.000	5.0
Aroclor-1260-5	7.256	7.159	7.359	545.390	500.000	9.1
Decachlorobiphenyl	8.636	8.539	8.739	48.340	50.000	-3.3
Tetrachloro-m-xylene	3.642	3.545	3.745	57.920	50.000	15.8

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 22:34 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-2	(2)	7.39	7.38	7.28	7.48	-0.01
Aroclor-1260-3	(3)	7.75	7.74	7.64	7.84	-0.01
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.29	8.28	8.18	8.38	-0.01
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.07	10.06	9.96	10.16	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

Continuing Calib Date: 11/05/2024 **Initial Calibration Date(s):** 10/15/2024 10/16/2024

Continuing Calib Time: 22:34 **Initial Calibration Time(s):** 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL03 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107711.D **Time Analyzed:** 22:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.522	5.423	5.623	540.930	500.000	8.2
Aroclor-1016-2	5.544	5.445	5.645	536.510	500.000	7.3
Aroclor-1016-3	5.607	5.507	5.707	524.620	500.000	4.9
Aroclor-1016-4	5.704	5.604	5.804	546.140	500.000	9.2
Aroclor-1016-5	5.998	5.899	6.099	539.380	500.000	7.9
Aroclor-1260-1	7.128	7.026	7.226	530.520	500.000	6.1
Aroclor-1260-2	7.385	7.282	7.482	550.560	500.000	10.1
Aroclor-1260-3	7.747	7.643	7.843	552.230	500.000	10.4
Aroclor-1260-4	7.973	7.868	8.068	570.140	500.000	14.0
Aroclor-1260-5	8.286	8.181	8.381	566.790	500.000	13.4
Decachlorobiphenyl	10.071	9.958	10.158	50.590	50.000	1.2
Tetrachloro-m-xylene	4.371	4.274	4.474	55.110	50.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Contract: EART12

Lab Code: CHEM **Case No.:** P4699 **SAS No.:** P4699 **SDG NO.:** P4699

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

Client Sample No.: CCAL03 **Date Analyzed:** 11/05/2024

Lab Sample No.: AR1660CCC500 **Data File :** PO107711.D **Time Analyzed:** 22:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.723	4.626	4.826	571.620	500.000	14.3
Aroclor-1016-2	4.742	4.645	4.845	590.130	500.000	18.0
Aroclor-1016-3	4.918	4.821	5.021	564.280	500.000	12.9
Aroclor-1016-4	4.959	4.862	5.062	505.500	500.000	1.1
Aroclor-1016-5	5.172	5.076	5.276	557.810	500.000	11.6
Aroclor-1260-1	6.203	6.107	6.307	555.170	500.000	11.0
Aroclor-1260-2	6.391	6.294	6.494	582.330	500.000	16.5
Aroclor-1260-3	6.545	6.448	6.648	547.050	500.000	9.4
Aroclor-1260-4	7.015	6.918	7.118	535.770	500.000	7.2
Aroclor-1260-5	7.257	7.159	7.359	569.080	500.000	13.8
Decachlorobiphenyl	8.637	8.539	8.739	54.680	50.000	9.4
Tetrachloro-m-xylene	3.642	3.545	3.745	58.830	50.000	17.7

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Analytical Sequence

Client: EarthEfficient LLC **SDG No.:** P4699

Project: 120-122 Liberty Ave BK **Instrument ID:** ECD_O

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/15/2024	18:08	PO107183.D	10.06	4.37
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	10.06	4.37
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	10.06	4.37
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	10.06	4.37
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	10.06	4.37
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	10.06	4.37
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	10.06	4.37
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	10.06	4.37
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	10.06	4.37
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	10.06	4.37
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	10.06	4.37
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	10.06	4.37
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	10.06	4.37
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	10.06	4.37
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	10.06	4.37
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	10.06	4.37
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	10.06	4.37
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	10.06	4.37
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	10.06	4.37
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	10.06	4.37
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	10.06	4.37
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	10.06	4.37
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	10.06	4.37
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	10.06	4.37
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	10.06	4.37
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	10.06	4.37
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	10.06	4.37
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	10.06	4.37
AR1660CCC500	AR1660CCC500	11/05/2024	13:01	PO107682.D	10.07	4.37
I.BLK	I.BLK	11/05/2024	14:09	PO107686.D	10.07	4.37
PB164678BL	PB164678BL	11/05/2024	15:00	PO107687.D	10.07	4.37
PB164678BS	PB164678BS	11/05/2024	15:16	PO107688.D	10.07	4.37
AR1660CCC500	AR1660CCC500	11/05/2024	18:14	PO107697.D	10.07	4.37
I.BLK	I.BLK	11/05/2024	19:20	PO107701.D	10.07	4.37
MIXED-DEMO	P4699-01	11/05/2024	19:53	PO107703.D	10.07	4.37
BP-F3MS	P4701-01MS	11/05/2024	20:43	PO107706.D	10.07	4.37
BP-F3MSD	P4701-01MSD	11/05/2024	20:59	PO107707.D	10.07	4.37
AR1660CCC500	AR1660CCC500	11/05/2024	22:34	PO107711.D	10.07	4.37
I.BLK	I.BLK	11/05/2024	23:42	PO107715.D	10.07	4.37

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Fax : 908 789 8922

Analytical Sequence

Client: EarthEfficient LLC **SDG No.:** P4699

Project: 120-122 Liberty Ave BK **Instrument ID:** ECD_O

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/15/2024	18:08	PO107183.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	8.64	3.64
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	8.64	3.64
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	8.64	3.65
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	8.64	3.64
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	8.64	3.64
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	8.64	3.64
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	8.64	3.64
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	8.64	3.64
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	8.64	3.64
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	8.64	3.64
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	8.64	3.65
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	8.64	3.64
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	8.64	3.64
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	8.64	3.64
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	8.64	3.64
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	8.64	3.65
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	8.64	3.64
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	8.64	3.64
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	8.64	3.64
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	8.64	3.65
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	8.64	3.64
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	8.64	3.65
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	8.64	3.64
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	8.64	3.65
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	8.64	3.64
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	8.64	3.65
AR1660CCC500	AR1660CCC500	11/05/2024	13:01	PO107682.D	8.64	3.64
I.BLK	I.BLK	11/05/2024	14:09	PO107686.D	8.64	3.64
PB164678BL	PB164678BL	11/05/2024	15:00	PO107687.D	8.64	3.64
PB164678BS	PB164678BS	11/05/2024	15:16	PO107688.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/05/2024	18:14	PO107697.D	8.64	3.64
I.BLK	I.BLK	11/05/2024	19:20	PO107701.D	8.64	3.64
MIXED-DEMO	P4699-01	11/05/2024	19:53	PO107703.D	8.64	3.64
BP-F3MS	P4701-01MS	11/05/2024	20:43	PO107706.D	8.64	3.64
BP-F3MSD	P4701-01MSD	11/05/2024	20:59	PO107707.D	8.64	3.64
AR1660CCC500	AR1660CCC500	11/05/2024	22:34	PO107711.D	8.64	3.64
I.BLK	I.BLK	11/05/2024	23:42	PO107715.D	8.64	3.64

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164678BS

Contract: EART12

Lab Code: CHEM Case No.: P4699 SAS No.: P4699 SDG NO.: P4699

Lab Sample ID: PB164678BS Date(s) Analyzed: 11/05/2024 11/05/2024

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 PO107688.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.523	5.473	5.573	159		
	2	5.544	5.494	5.594	154		
	3	5.607	5.557	5.657	152		
COLUMN 1	4	5.704	5.654	5.754	157		
	5	5.999	5.949	6.049	153	155	
	1	4.723	4.673	4.773	160		
	2	4.742	4.692	4.792	163		
	3	4.918	4.868	4.968	157		
	4	4.959	4.909	5.009	143		
COLUMN 2	5	5.173	5.123	5.223	151	155	0
Aroclor-1260	1	7.128	7.078	7.178	167		
	2	7.385	7.335	7.435	170		
	3	7.747	7.697	7.797	140		
COLUMN 1	4	7.972	7.922	8.022	156		
	5	8.287	8.237	8.337	148	156	
	1	6.202	6.152	6.252	158		
	2	6.39	6.34	6.44	167		
	3	6.543	6.493	6.593	163		
	4	7.014	6.964	7.064	138		
COLUMN 2	5	7.255	7.205	7.305	145	154	1.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-F3MS

Contract: EART12

Lab Code: CHEM Case No.: P4699 SAS No.: P4699 SDG NO.: P4699

Lab Sample ID: P4701-01MS Date(s) Analyzed: 11/05/2024 11/05/2024

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 PO107706.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.523	5.473	5.573	226		
	2	5.546	5.496	5.596	222		
	3	5.609	5.559	5.659	213		
COLUMN 1	4	5.705	5.655	5.755	229		
	5	6.001	5.951	6.051	221	222	
	1	4.723	4.673	4.773	245		
	2	4.742	4.692	4.792	255		
	3	4.918	4.868	4.968	241		
	4	4.959	4.909	5.009	214		
COLUMN 2	5	5.173	5.123	5.223	223	236	6.11
Aroclor-1260	1	7.13	7.08	7.18	214		
	2	7.386	7.336	7.436	218		
	3	7.749	7.699	7.799	194		
COLUMN 1	4	7.973	7.923	8.023	222		
	5	8.288	8.238	8.338	208	211	
	1	6.204	6.154	6.254	219		
	2	6.391	6.341	6.441	240		
	3	6.544	6.494	6.594	228		
	4	7.015	6.965	7.065	191		
COLUMN 2	5	7.256	7.206	7.306	197	215	1.88

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

BP-F3MSD

Contract: EART12

Lab Code: CHEM Case No.: P4699 SAS No.: P4699 SDG NO.: P4699

Lab Sample ID: P4701-01MSD Date(s) Analyzed: 11/05/2024 11/05/2024

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 PO107707.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.522	5.472	5.572	243		
	2	5.544	5.494	5.594	237		
	3	5.607	5.557	5.657	228		
COLUMN 1	4	5.703	5.653	5.753	248		
	5	5.998	5.948	6.048	231	238	
	1	4.723	4.673	4.773	254		
	2	4.741	4.691	4.791	261		
	3	4.917	4.867	4.967	249		
	4	4.959	4.909	5.009	222		
COLUMN 2	5	5.172	5.122	5.222	231	244	2.49
Aroclor-1260	1	7.128	7.078	7.178	213		
	2	7.385	7.335	7.435	226		
	3	7.747	7.697	7.797	202		
COLUMN 1	4	7.972	7.922	8.022	230		
	5	8.287	8.237	8.337	212	217	
	1	6.203	6.153	6.253	229		
	2	6.39	6.34	6.44	236		
	3	6.544	6.494	6.594	225		
	4	7.015	6.965	7.065	202		
COLUMN 2	5	7.256	7.206	7.306	210	220	1.37

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 19:53
Operator : YP/AJ
Sample : P4699-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:54:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.373	3.642	207.4E6	74527027	22.755	23.156
2)	SA Decachlor...	10.073	8.639	53836584	60828494	21.944	22.187
	Target Compounds						

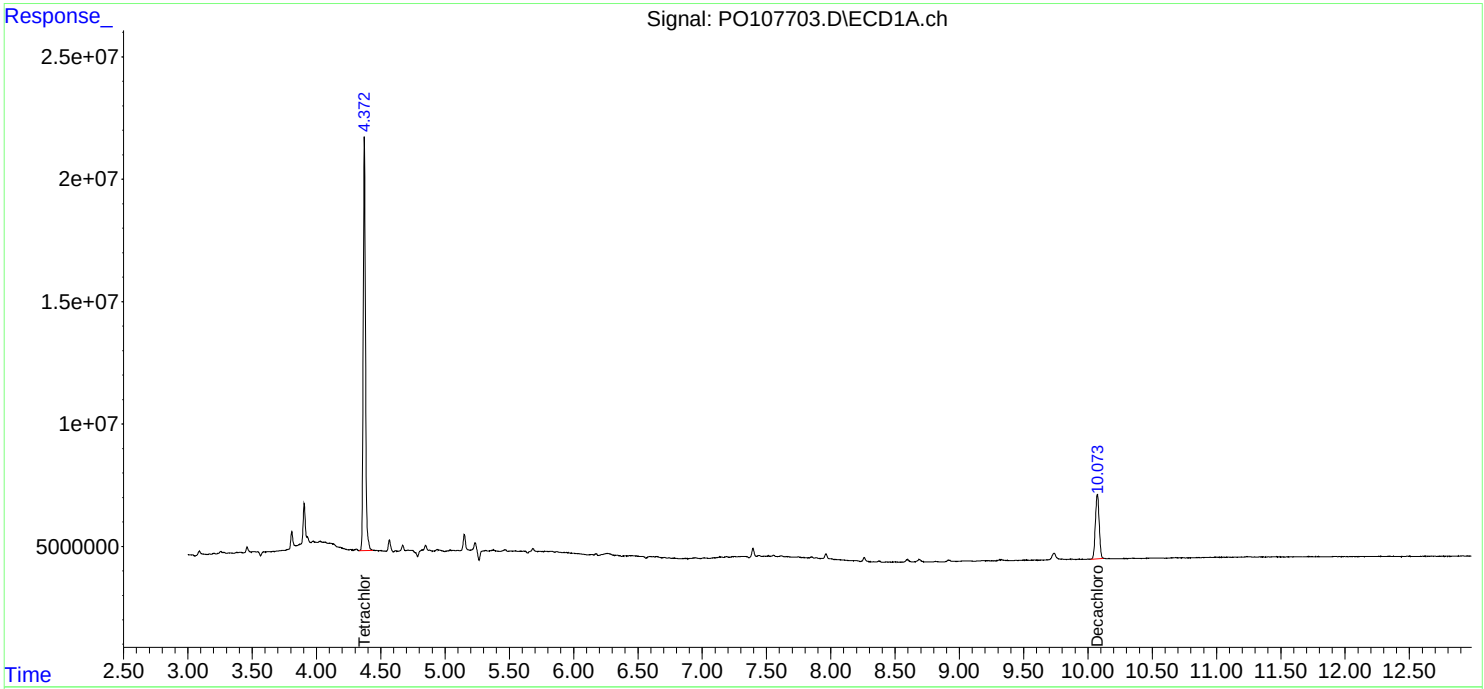
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

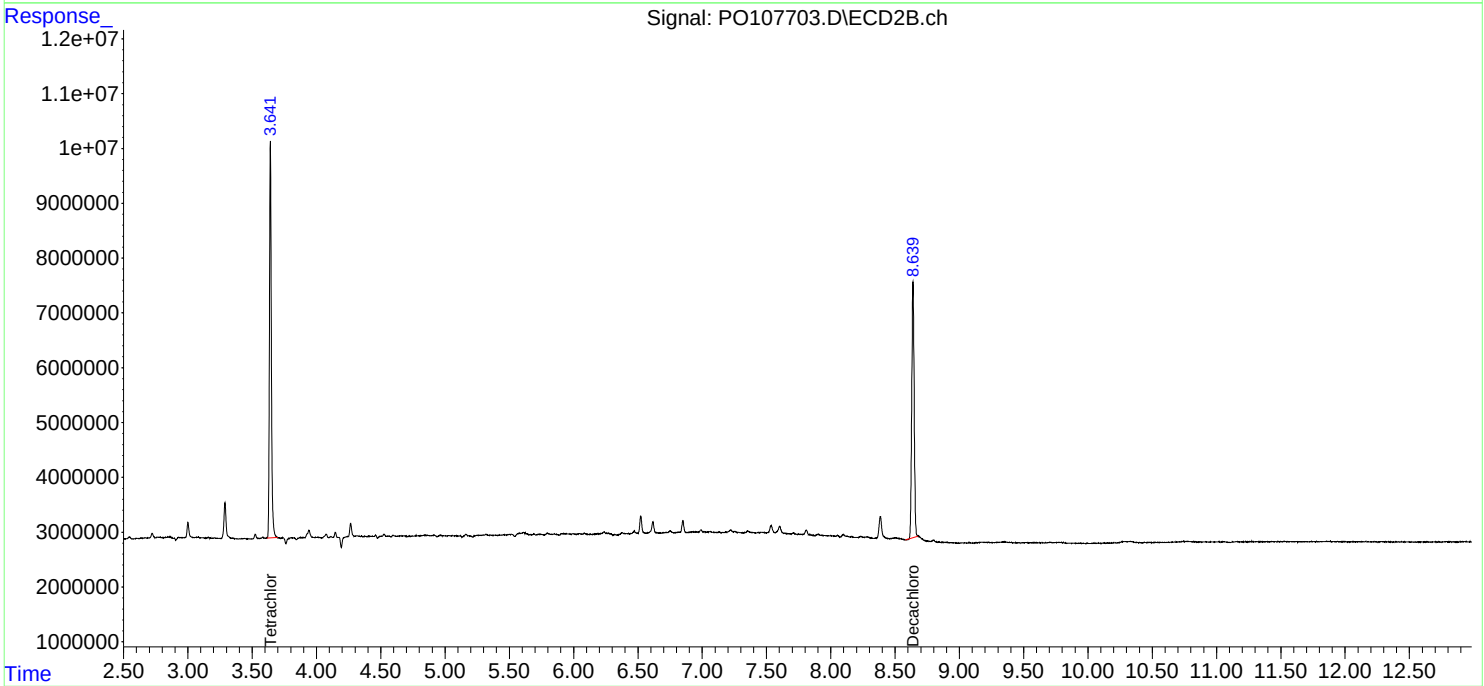
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 19:53
Operator : YP/AJ
Sample : P4699-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO

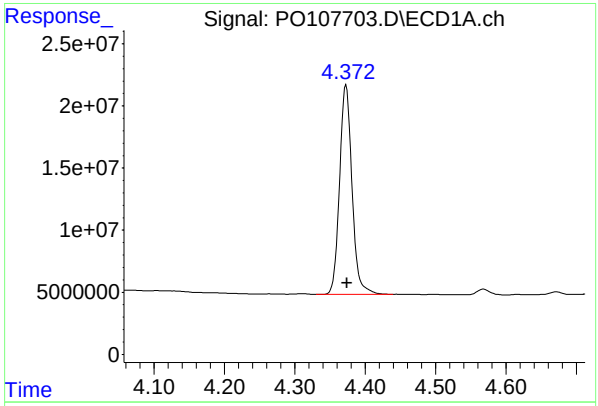
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:54:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



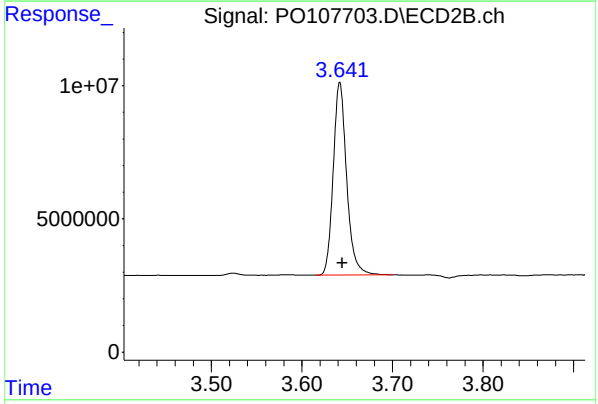


Instrument :
ECD_O
ClientSampleId :
MIXED-DEMO



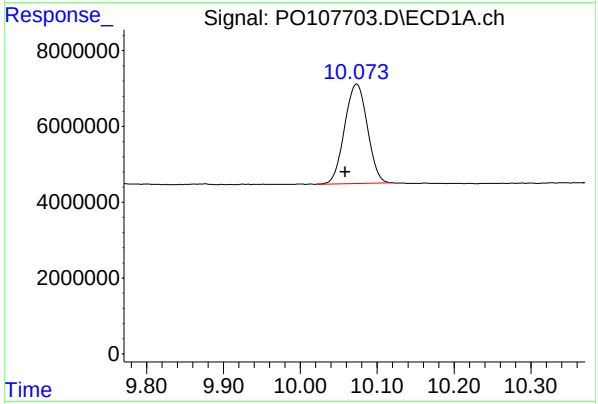
#1 Tetrachloro-m-xylene

R.T.: 4.373 min
Delta R.T.: -0.001 min
Response: 207384475
Conc: 22.75 ng/ml



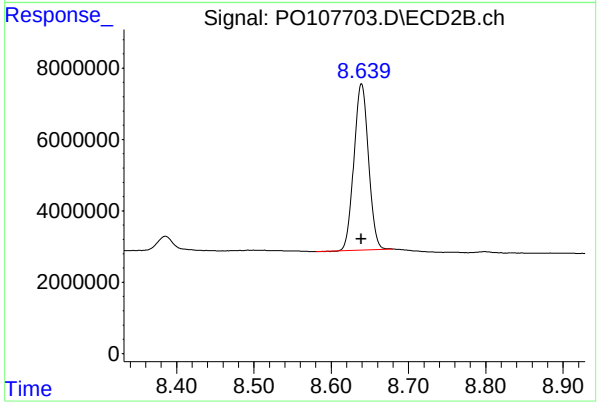
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.003 min
Response: 74527027
Conc: 23.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.073 min
Delta R.T.: 0.015 min
Response: 53836584
Conc: 21.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 60828494
Conc: 22.19 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 15:00
Operator : YP/AJ
Sample : PB164678BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164678BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:45:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.642	190.3E6	67905156	20.880	21.098
2)	SA Decachlor...	10.074	8.637	53210309	58731987	21.689	21.423
	Target Compounds						

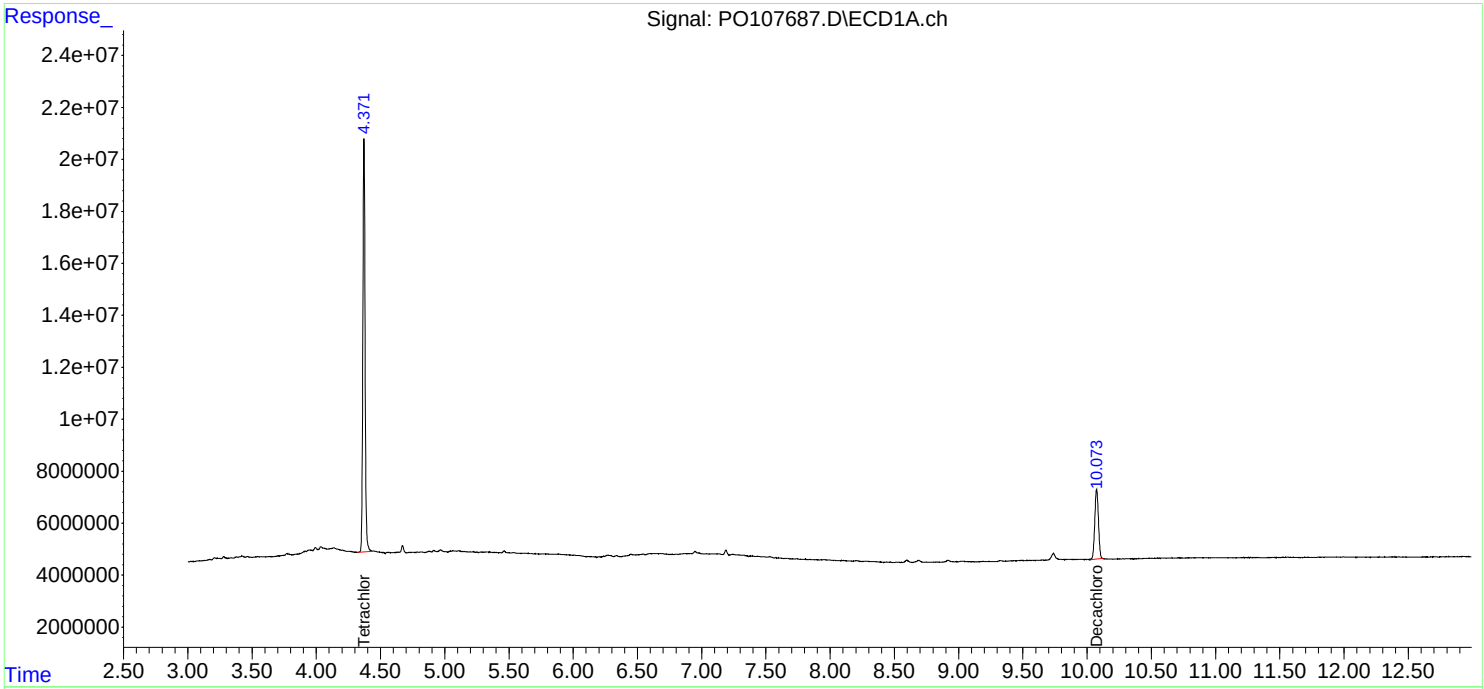
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

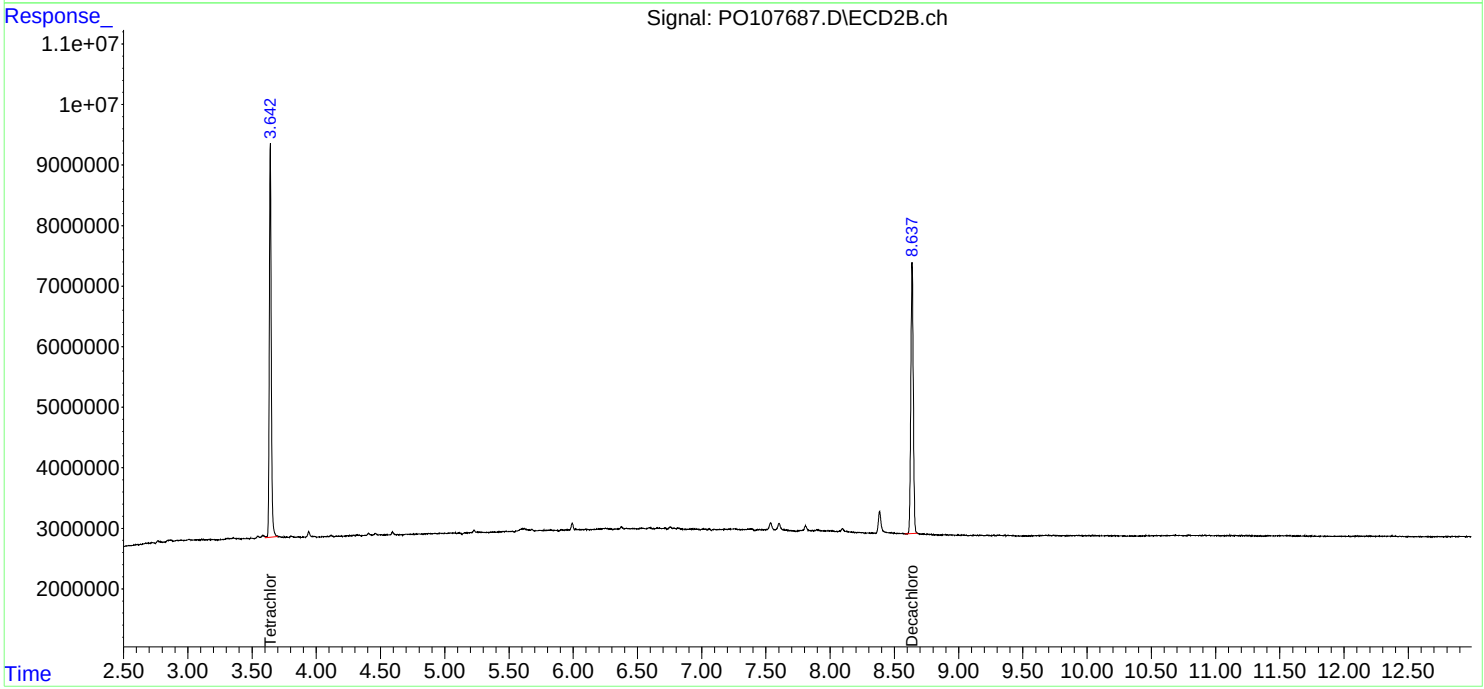
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 15:00
Operator : YP/AJ
Sample : PB164678BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

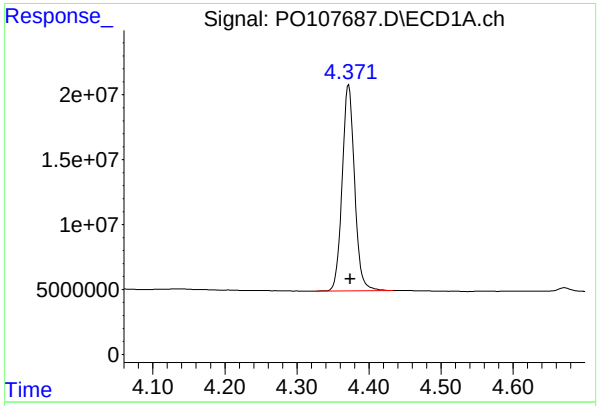
Instrument :
ECD_O
ClientSampleId :
PB164678BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:45:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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



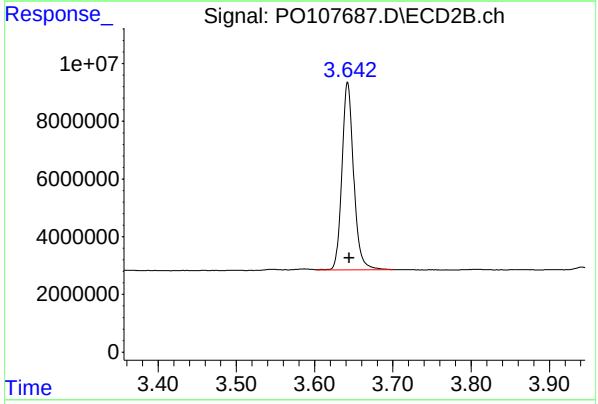




#1 Tetrachloro-m-xylene

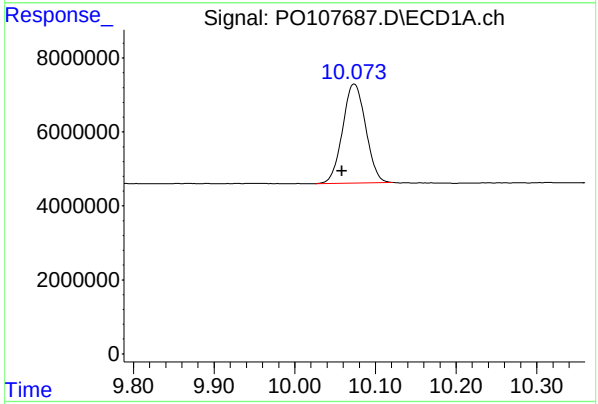
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 190297832
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164678BL



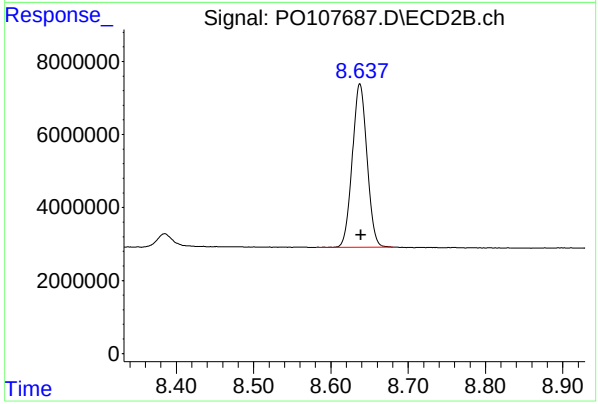
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.002 min
Response: 67905156
Conc: 21.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.074 min
Delta R.T.: 0.016 min
Response: 53210309
Conc: 21.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 58731987
Conc: 21.42 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 15:16
Operator : YP/AJ
Sample : PB164678BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164678BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:46:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.643	194.3E6	65152758	21.325	20.243
2)	SA Decachlor...	10.071	8.636	53624821	59167262	21.858	21.581
	Target Compounds						
3)	L1 AR-1016-1	5.523	4.723	128.5E6	49534534	476.416	479.681
4)	L1 AR-1016-2	5.544	4.742	184.0E6	68809838	463.637	488.125
5)	L1 AR-1016-3	5.607	4.918	114.5E6	37068941	455.739	470.743
6)	L1 AR-1016-4	5.704	4.959	91029031	28459100	472.603	430.492
7)	L1 AR-1016-5	5.999	5.173	83652574	37260018	457.985	453.650
31)	L7 AR-1260-1	7.128	6.202	129.2E6	73581512	499.797	474.246
32)	L7 AR-1260-2	7.385	6.390	134.5E6	88364076	510.877	501.739
33)	L7 AR-1260-3	7.747	6.543	75580135	82085088	420.485	489.335
34)	L7 AR-1260-4	7.972	7.014	81977780	60130738	467.100	415.610
35)	L7 AR-1260-5	8.287	7.255	126.3E6	143.0E6	444.055	433.917

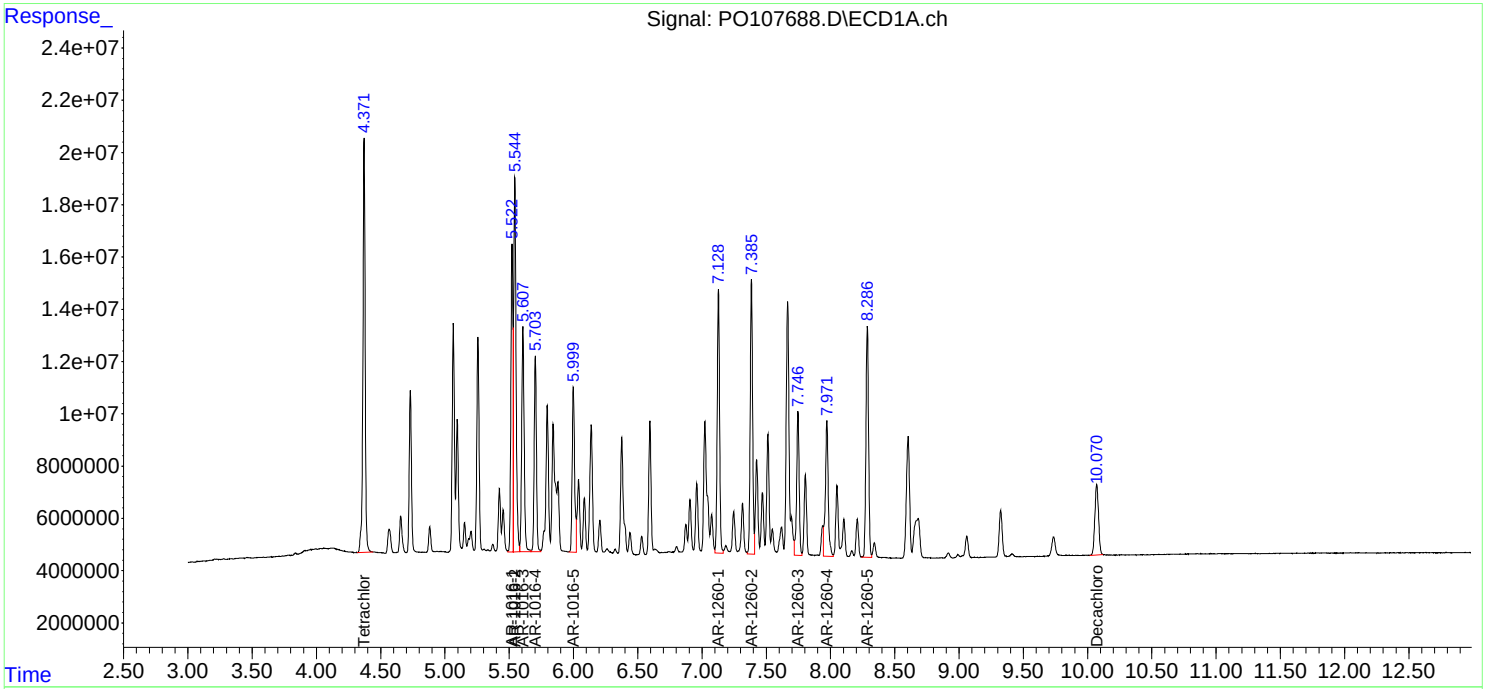
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

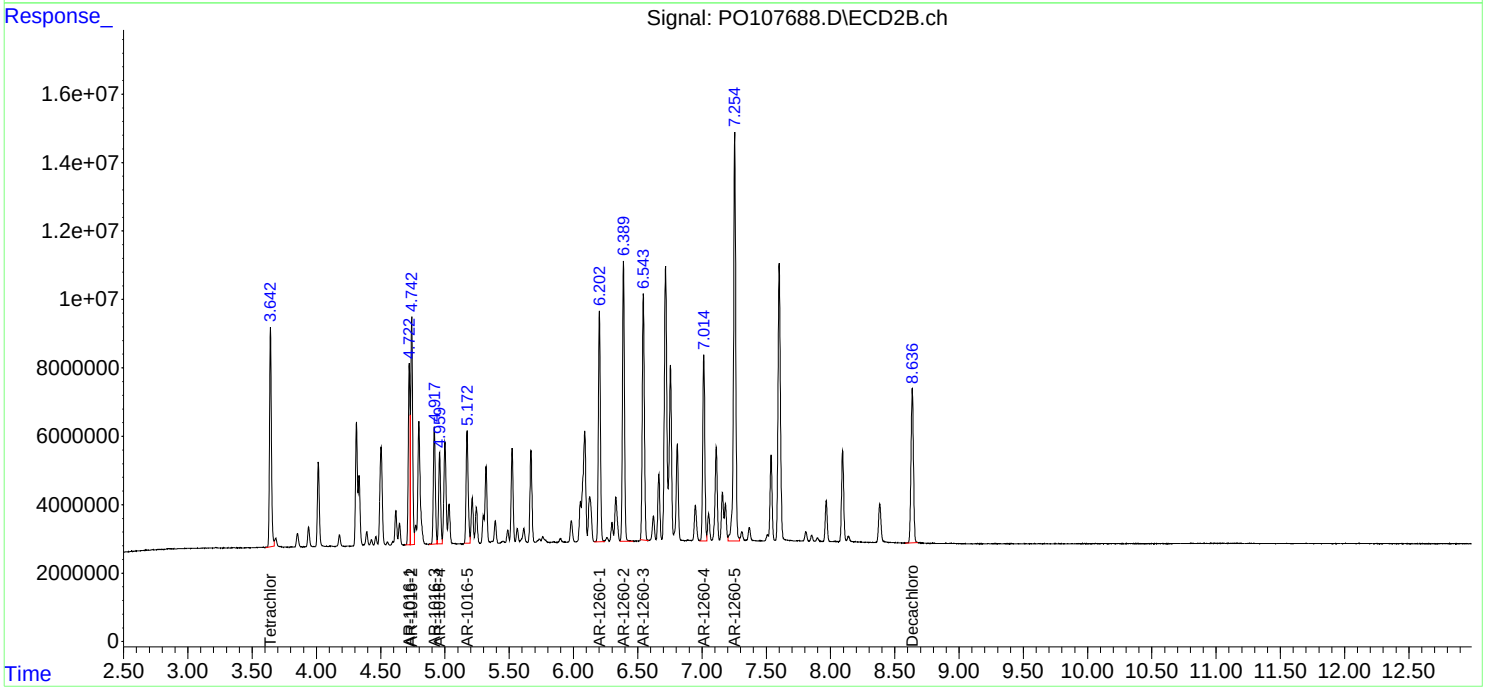
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 15:16
Operator : YP/AJ
Sample : PB164678BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164678BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:46:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 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\PO110524\
Data File : PO107706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 20:43
Operator : YP/AJ
Sample : P4701-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
BP-F3MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:57:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.372	3.642	224.8E6	78371995	24.670	24.350
2)	SA Decachlor...	10.072	8.637	52676649	59900443	21.471	21.849
	Target Compounds						
3)	L1 AR-1016-1	5.523	4.723	153.5E6	63543574	568.835	615.341
4)	L1 AR-1016-2	5.546	4.742	221.5E6	90216821	557.983	639.982
5)	L1 AR-1016-3	5.609	4.918	134.6E6	47771285	536.007	606.653
6)	L1 AR-1016-4	5.705	4.959	110.8E6	35528000	575.301	537.421
7)	L1 AR-1016-5	6.001	5.173	101.5E6	45989455	555.837	559.933
31)	L7 AR-1260-1	7.130	6.204	139.2E6	85240865	538.410	549.393
32)	L7 AR-1260-2	7.386	6.391	144.3E6	106.2E6	548.345	602.966
33)	L7 AR-1260-3	7.749	6.544	87546421	95945976	487.059	571.964
34)	L7 AR-1260-4	7.973	7.015	97949819	69532457	558.106m	480.592
35)	L7 AR-1260-5	8.288	7.256	148.3E6	163.0E6	521.622	494.745

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

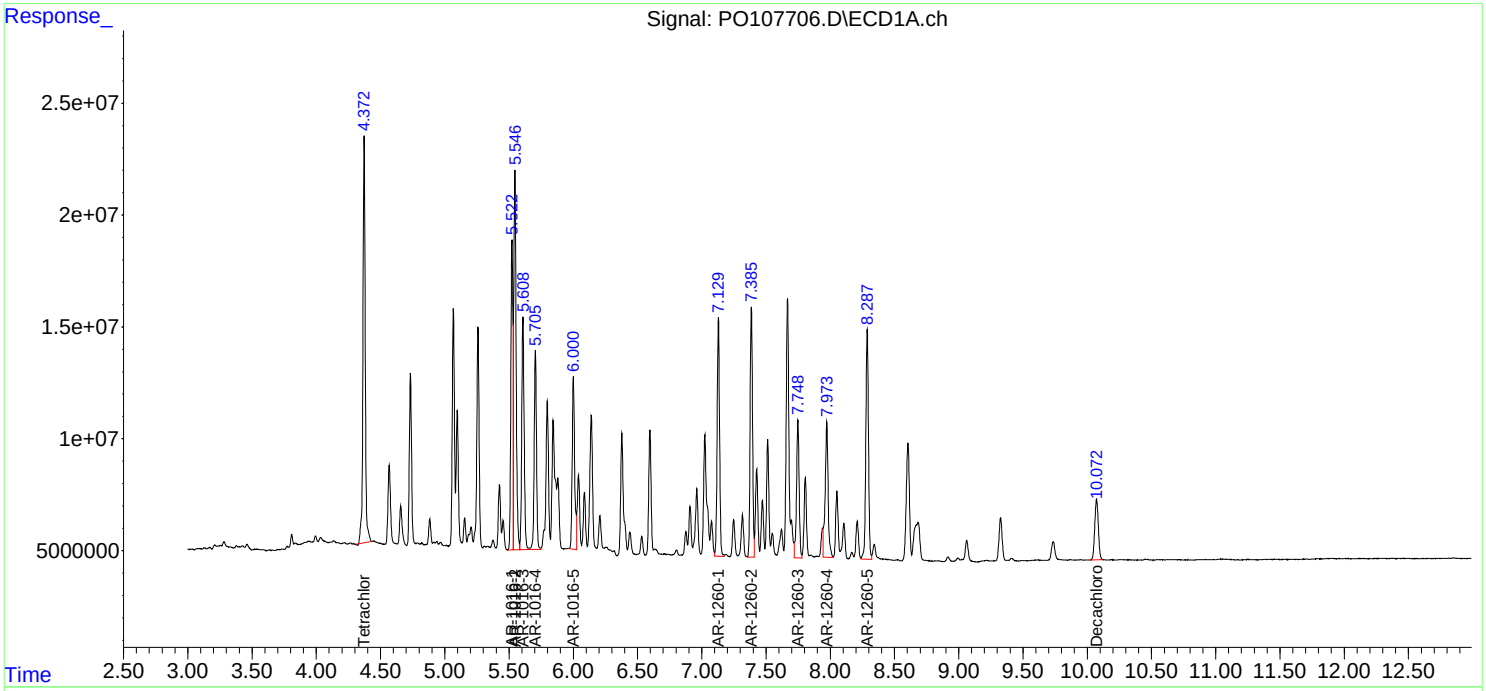
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 20:43
Operator : YP/AJ
Sample : P4701-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

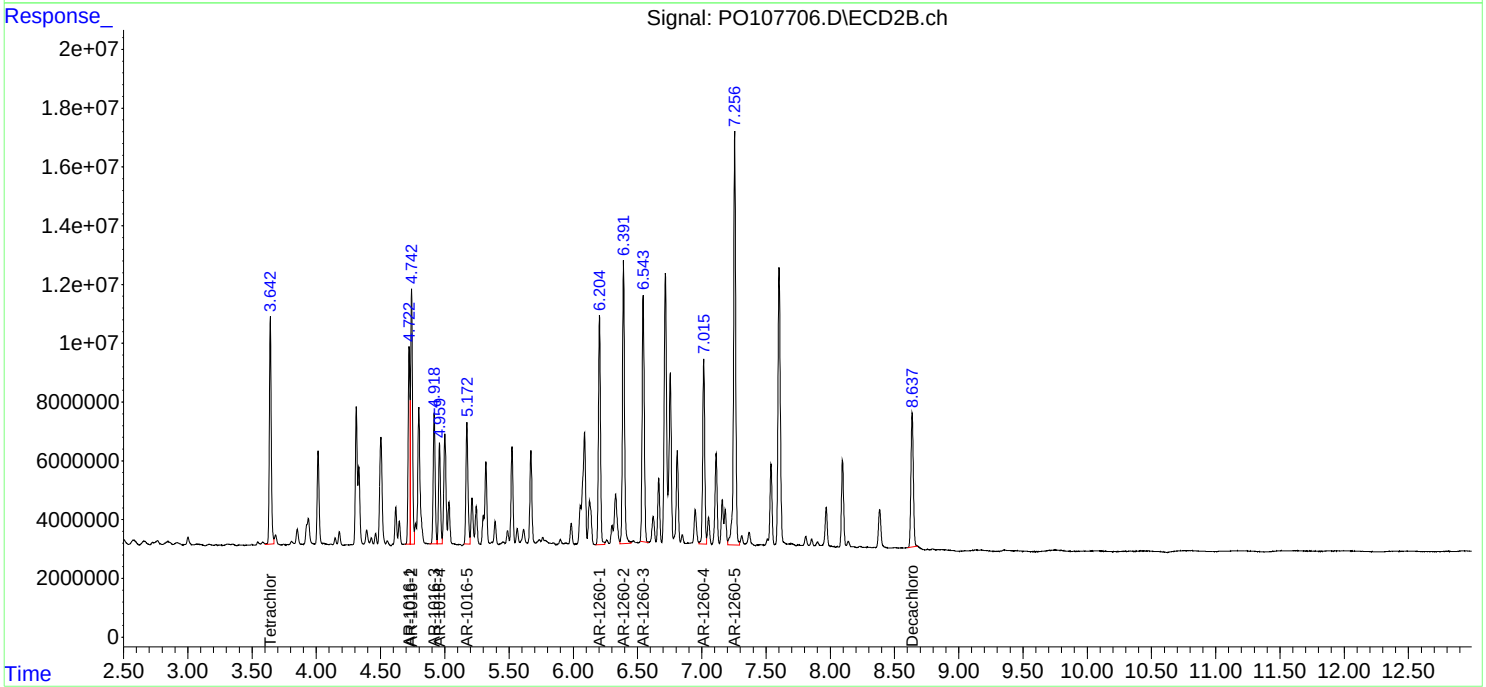
Instrument :
ECD_O
ClientSampleId :
BP-F3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:57:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 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\PO110524\
Data File : PO107707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 20:59
Operator : YP/AJ
Sample : P4701-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
BP-F3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:57:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.371	3.642	214.0E6	79768989	23.480	24.785
2)	SA Decachlor...	10.071	8.637	53283533	59484206	21.718	21.697
	Target Compounds						
3)	L1 AR-1016-1	5.522	4.723	165.2E6	66045470	612.139	639.569
4)	L1 AR-1016-2	5.544	4.741	236.7E6	92671351	596.504	657.394
5)	L1 AR-1016-3	5.607	4.917	144.2E6	49352025	574.174	626.727
6)	L1 AR-1016-4	5.703	4.959	120.1E6	36877141	623.494	557.829
7)	L1 AR-1016-5	5.998	5.172	105.9E6	47673979	579.573	580.443
31)	L7 AR-1260-1	7.128	6.203	138.5E6	89349183	535.697	575.872
32)	L7 AR-1260-2	7.385	6.390	149.7E6	104.4E6	568.550	592.668
33)	L7 AR-1260-3	7.747	6.544	91145675	94986236	507.083	566.243
34)	L7 AR-1260-4	7.972	7.015	101.7E6	73304045	579.359m	506.661
35)	L7 AR-1260-5	8.287	7.256	151.5E6	174.1E6	532.794	528.615

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

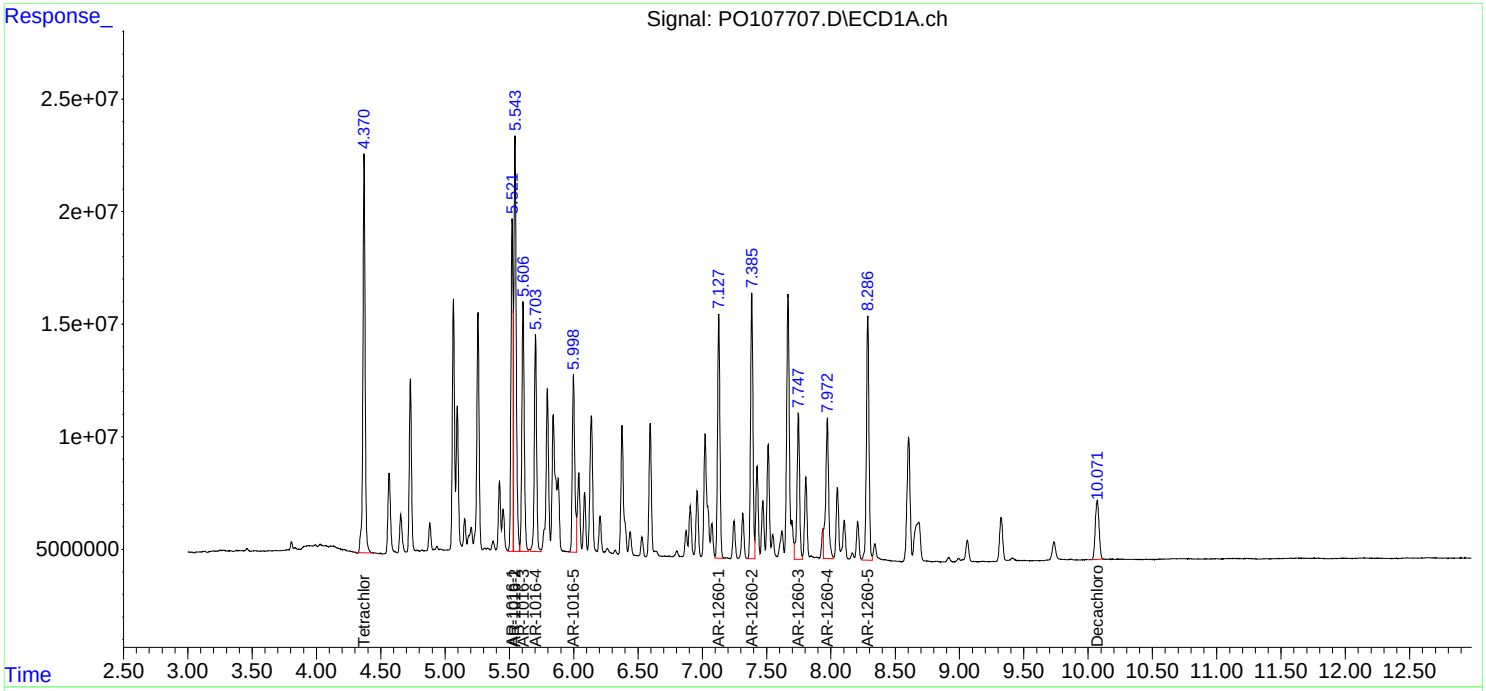
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110524\
Data File : PO107707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2024 20:59
Operator : YP/AJ
Sample : P4701-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

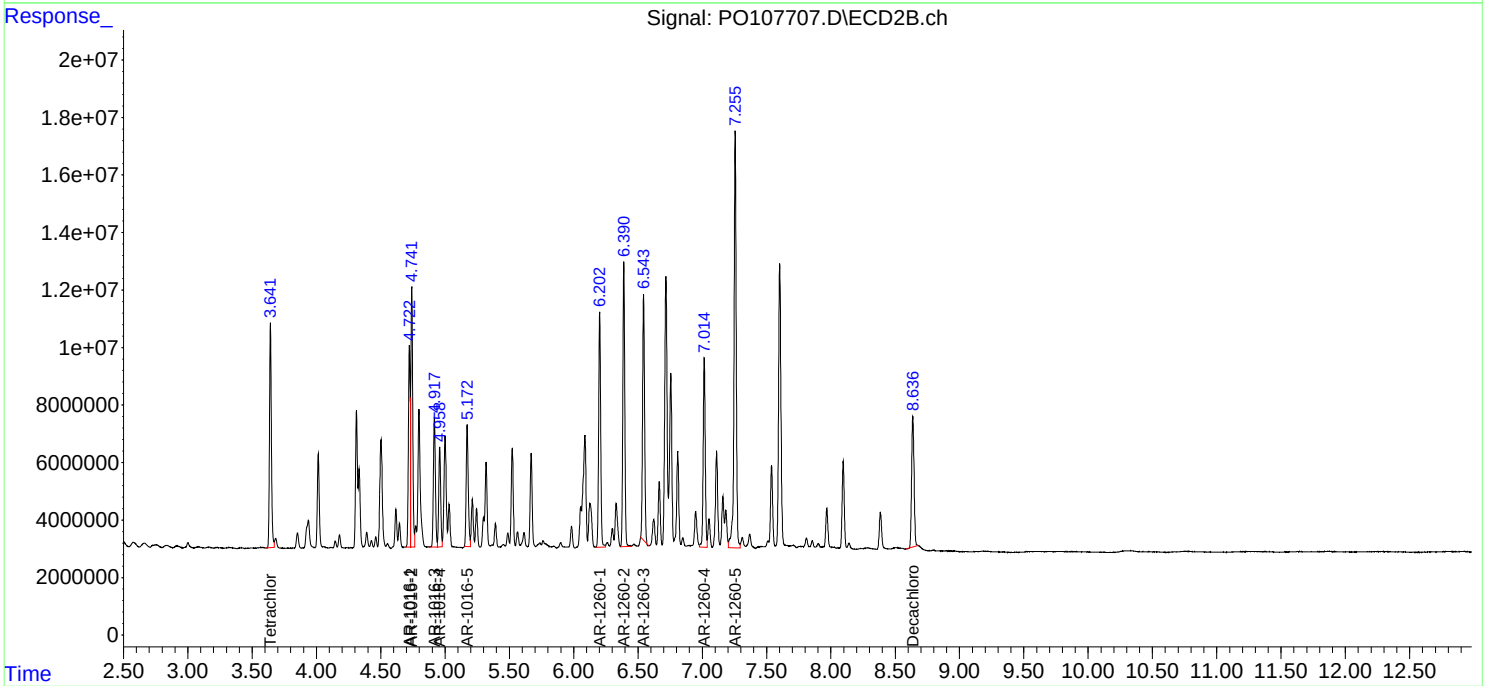
Instrument :
ECD_O
ClientSampleId :
BP-F3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:57:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 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





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

Manual Integration Report

Sequence:	po101524	Instrument	ECD_o

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

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Manual Integration Report

Sequence:	PO110524	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO107677.D	AR-1254-2 #2	yogesh	11/6/2024 9:28:08 AM	Ankita	11/6/2024 9:43:56	Peak Integrated by Software
AR1254CCC500	PO107677.D	AR-1254-5	yogesh	11/6/2024 9:28:08 AM	Ankita	11/6/2024 9:43:56	Peak Integrated by Software
AR1254CCC500	PO107685.D	AR-1254-2 #2	yogesh	11/6/2024 9:28:10 AM	Ankita	11/6/2024 9:43:59	Peak Integrated by Software
AR1254CCC500	PO107700.D	AR-1254-2 #2	yogesh	11/6/2024 9:28:26 AM	Ankita	11/6/2024 9:44:23	Peak Integrated by Software
P4701-01MS	PO107706.D	AR-1260-4	yogesh	11/6/2024 9:28:32 AM	Ankita	11/6/2024 9:45:31	Peak Integrated by Software
P4701-01MSD	PO107707.D	AR-1260-4	yogesh	11/6/2024 9:28:33 AM	Ankita	11/6/2024 9:45:32	Peak Integrated by Software
AR1254CCC500	PO107714.D	AR-1254-2 #2	yogesh	11/6/2024 9:28:38 AM	Ankita	11/6/2024 9:45:49	Peak Integrated by Software
AR1254CCC500	PO107723.D	AR-1254-2 #2	yogesh	11/6/2024 9:28:58 AM	Ankita	11/6/2024 9:45:56	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

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

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

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

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107673.D	05 Nov 2024 09:02	YP/AJ	Ok
2	AR1660CCC500	PO107674.D	05 Nov 2024 09:19	YP/AJ	Ok
3	AR1242CCC500	PO107675.D	05 Nov 2024 10:16	YP/AJ	Ok
4	AR1248CCC500	PO107676.D	05 Nov 2024 10:32	YP/AJ	Ok
5	AR1254CCC500	PO107677.D	05 Nov 2024 10:49	YP/AJ	Ok,M
6	I.BLK	PO107678.D	05 Nov 2024 11:06	YP/AJ	Ok
7	PB144677BL	PO107679.D	05 Nov 2024 11:43	YP/AJ	Ok
8	PB144677BS	PO107680.D	05 Nov 2024 11:59	YP/AJ	Ok
9	P4677-01	PO107681.D	05 Nov 2024 12:15	YP/AJ	Ok,M
10	AR1660CCC500	PO107682.D	05 Nov 2024 13:01	YP/AJ	Ok
11	AR1242CCC500	PO107683.D	05 Nov 2024 13:18	YP/AJ	Ok
12	AR1248CCC500	PO107684.D	05 Nov 2024 13:35	YP/AJ	Ok
13	AR1254CCC500	PO107685.D	05 Nov 2024 13:52	YP/AJ	Ok,M
14	I.BLK	PO107686.D	05 Nov 2024 14:09	YP/AJ	Ok
15	PB164678BL	PO107687.D	05 Nov 2024 15:00	YP/AJ	Ok
16	PB164678BS	PO107688.D	05 Nov 2024 15:16	YP/AJ	Ok
17	P4682-01	PO107689.D	05 Nov 2024 15:33	YP/AJ	Ok,M
18	P4684-01	PO107690.D	05 Nov 2024 15:49	YP/AJ	Ok,M
19	P4685-01	PO107691.D	05 Nov 2024 16:06	YP/AJ	Ok,M
20	P4693-01	PO107692.D	05 Nov 2024 16:23	YP/AJ	Ok,M
21	P4693-05	PO107693.D	05 Nov 2024 16:39	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

22	P4694-01	PO107694.D	05 Nov 2024 16:55	YP/AJ	Ok,M
23	P4694-05	PO107695.D	05 Nov 2024 17:12	YP/AJ	Ok,M
24	P4695-01	PO107696.D	05 Nov 2024 17:28	YP/AJ	Ok,M
25	AR1660CCC500	PO107697.D	05 Nov 2024 18:14	YP/AJ	Ok
26	AR1242CCC500	PO107698.D	05 Nov 2024 18:31	YP/AJ	Ok
27	AR1248CCC500	PO107699.D	05 Nov 2024 18:48	YP/AJ	Ok
28	AR1254CCC500	PO107700.D	05 Nov 2024 19:04	YP/AJ	Ok,M
29	I.BLK	PO107701.D	05 Nov 2024 19:20	YP/AJ	Ok
30	P4697-01	PO107702.D	05 Nov 2024 19:36	YP/AJ	Ok,M
31	P4699-01	PO107703.D	05 Nov 2024 19:53	YP/AJ	Ok
32	P4700-01	PO107704.D	05 Nov 2024 20:10	YP/AJ	Ok,M
33	P4701-01	PO107705.D	05 Nov 2024 20:26	YP/AJ	Ok
34	P4701-01MS	PO107706.D	05 Nov 2024 20:43	YP/AJ	Ok,M
35	P4701-01MSD	PO107707.D	05 Nov 2024 20:59	YP/AJ	Ok,M
36	P4701-05	PO107708.D	05 Nov 2024 21:15	YP/AJ	Ok
37	P4711-01	PO107709.D	05 Nov 2024 21:31	YP/AJ	Ok,M
38	P4711-06	PO107710.D	05 Nov 2024 21:48	YP/AJ	Ok,M
39	AR1660CCC500	PO107711.D	05 Nov 2024 22:34	YP/AJ	Ok
40	AR1242CCC500	PO107712.D	05 Nov 2024 22:51	YP/AJ	Ok
41	AR1248CCC500	PO107713.D	05 Nov 2024 23:07	YP/AJ	Ok
42	AR1254CCC500	PO107714.D	05 Nov 2024 23:25	YP/AJ	Ok,M
43	I.BLK	PO107715.D	05 Nov 2024 23:42	YP/AJ	Ok
44	P4705-01	PO107716.D	05 Nov 2024 23:58	YP/AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

45	P4703-02	PO107717.D	06 Nov 2024 00:14	YP/AJ	Ok,M
46	P4703-03	PO107718.D	06 Nov 2024 00:30	YP/AJ	Ok,M
47	P4703-01	PO107719.D	06 Nov 2024 00:47	YP/AJ	Ok,M
48	AR1660CCC500	PO107720.D	06 Nov 2024 02:03	YP/AJ	Ok
49	AR1242CCC500	PO107721.D	06 Nov 2024 02:19	YP/AJ	Ok
50	AR1248CCC500	PO107722.D	06 Nov 2024 02:35	YP/AJ	Ok
51	AR1254CCC500	PO107723.D	06 Nov 2024 02:51	YP/AJ	Ok,M
52	I.BLK	PO107724.D	06 Nov 2024 03:08	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

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

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

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

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO101524

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

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107673.D	05 Nov 2024 09:02		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107674.D	05 Nov 2024 09:19		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO107675.D	05 Nov 2024 10:16		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO107676.D	05 Nov 2024 10:32		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO107677.D	05 Nov 2024 10:49		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO107678.D	05 Nov 2024 11:06		YP/AJ	Ok
7	PB144677BL	PB144677BL	PO107679.D	05 Nov 2024 11:43		YP/AJ	Ok
8	PB144677BS	PB144677BS	PO107680.D	05 Nov 2024 11:59		YP/AJ	Ok
9	P4677-01	2410-6346	PO107681.D	05 Nov 2024 12:15		YP/AJ	Ok,M
10	AR1660CCC500	AR1660CCC500	PO107682.D	05 Nov 2024 13:01		YP/AJ	Ok
11	AR1242CCC500	AR1242CCC500	PO107683.D	05 Nov 2024 13:18		YP/AJ	Ok
12	AR1248CCC500	AR1248CCC500	PO107684.D	05 Nov 2024 13:35		YP/AJ	Ok
13	AR1254CCC500	AR1254CCC500	PO107685.D	05 Nov 2024 13:52		YP/AJ	Ok,M
14	I.BLK	I.BLK	PO107686.D	05 Nov 2024 14:09		YP/AJ	Ok
15	PB164678BL	PB164678BL	PO107687.D	05 Nov 2024 15:00		YP/AJ	Ok
16	PB164678BS	PB164678BS	PO107688.D	05 Nov 2024 15:16		YP/AJ	Ok
17	P4682-01	BELL-SHOP-RAGS	PO107689.D	05 Nov 2024 15:33		YP/AJ	Ok,M
18	P4684-01	MECHANIC-ST-SWEEI	PO107690.D	05 Nov 2024 15:49	AR1260 Hit	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

19	P4685-01	OK-01-11012024	PO107691.D	05 Nov 2024 16:06		YP/AJ	Ok,M
20	P4693-01	BP-G5-WC	PO107692.D	05 Nov 2024 16:23		YP/AJ	Ok,M
21	P4693-05	BP-G4-WC	PO107693.D	05 Nov 2024 16:39		YP/AJ	Ok
22	P4694-01	Z-03A	PO107694.D	05 Nov 2024 16:55		YP/AJ	Ok,M
23	P4694-05	Z-04	PO107695.D	05 Nov 2024 17:12		YP/AJ	Ok,M
24	P4695-01	Z-01	PO107696.D	05 Nov 2024 17:28		YP/AJ	Ok,M
25	AR1660CCC500	AR1660CCC500	PO107697.D	05 Nov 2024 18:14		YP/AJ	Ok
26	AR1242CCC500	AR1242CCC500	PO107698.D	05 Nov 2024 18:31		YP/AJ	Ok
27	AR1248CCC500	AR1248CCC500	PO107699.D	05 Nov 2024 18:48		YP/AJ	Ok
28	AR1254CCC500	AR1254CCC500	PO107700.D	05 Nov 2024 19:04		YP/AJ	Ok,M
29	I.BLK	I.BLK	PO107701.D	05 Nov 2024 19:20		YP/AJ	Ok
30	P4697-01	TP-1	PO107702.D	05 Nov 2024 19:36		YP/AJ	Ok,M
31	P4699-01	MIXED-DEMO	PO107703.D	05 Nov 2024 19:53		YP/AJ	Ok
32	P4700-01	MH-8	PO107704.D	05 Nov 2024 20:10		YP/AJ	Ok,M
33	P4701-01	BP-F3	PO107705.D	05 Nov 2024 20:26		YP/AJ	Ok
34	P4701-01MS	BP-F3MS	PO107706.D	05 Nov 2024 20:43		YP/AJ	Ok,M
35	P4701-01MSD	BP-F3MSD	PO107707.D	05 Nov 2024 20:59		YP/AJ	Ok,M
36	P4701-05	BP-F4	PO107708.D	05 Nov 2024 21:15		YP/AJ	Ok
37	P4711-01	CF-613-COMP-16	PO107709.D	05 Nov 2024 21:31		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110524

Review By	yogesh	Review On	11/6/2024 9:29:20 AM		
Supervise By	Ankita	Supervise On	11/6/2024 9:46:53 AM		
SubDirectory	PO110524	HP Acquire Method		HP Processing Method	PO101524

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

38	P4711-06	CF-613-COMP-17	PO107710.D	05 Nov 2024 21:48		YP/AJ	Ok,M
39	AR1660CCC500	AR1660CCC500	PO107711.D	05 Nov 2024 22:34		YP/AJ	Ok
40	AR1242CCC500	AR1242CCC500	PO107712.D	05 Nov 2024 22:51		YP/AJ	Ok
41	AR1248CCC500	AR1248CCC500	PO107713.D	05 Nov 2024 23:07		YP/AJ	Ok
42	AR1254CCC500	AR1254CCC500	PO107714.D	05 Nov 2024 23:25		YP/AJ	Ok,M
43	I.BLK	I.BLK	PO107715.D	05 Nov 2024 23:42		YP/AJ	Ok
44	P4705-01	1024	PO107716.D	05 Nov 2024 23:58	TCMX low in 2nd column,	YP/AJ	Ok,M
45	P4703-02	0910	PO107717.D	06 Nov 2024 00:14	DCB high in 1st column	YP/AJ	Ok,M
46	P4703-03	1008	PO107718.D	06 Nov 2024 00:30		YP/AJ	Ok,M
47	P4703-01	S0-1	PO107719.D	06 Nov 2024 00:47		YP/AJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PO107720.D	06 Nov 2024 02:03		YP/AJ	Ok
49	AR1242CCC500	AR1242CCC500	PO107721.D	06 Nov 2024 02:19		YP/AJ	Ok
50	AR1248CCC500	AR1248CCC500	PO107722.D	06 Nov 2024 02:35		YP/AJ	Ok
51	AR1254CCC500	AR1254CCC500	PO107723.D	06 Nov 2024 02:51		YP/AJ	Ok,M
52	I.BLK	I.BLK	PO107724.D	06 Nov 2024 03:08		YP/AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB164678

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	11/05/2024
Matrix :	Solid			**Extraction Start Time :**	08:35
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	11/05/2024
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:50
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23858
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2539
Baked Na2SO4	N/A	EP2556
Hexane	N/A	E3819
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2548
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. P4682-01.P4703-01,02, P4705-01 Limited volume used as samples are Oil & Oily debries

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
11/5/24	RP (Ext Lab)	SR. Pest/PCB Lab
11:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164678

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 11/05/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164678BL	ABLK678	PCB	30.03	N/A	ritesh	RUPESH	10			U1-1
PB164678BS	ALCS678	PCB	30.01	N/A	ritesh	RUPESH	10			2
P4682-01	BELL-SHOP-RAGS	PCB	5.03	N/A	ritesh	RUPESH	10	D	Oily Debris	3
P4684-01	MECHANIC-ST-SWEEPINGS	PCB	30.09	N/A	ritesh	RUPESH	10	B		4
P4685-01	OK-01-11012024	PCB	30.05	N/A	ritesh	RUPESH	10	D		5
P4693-01	BP-G5-WC	PCB	30.07	N/A	ritesh	RUPESH	10	D		6
P4693-05	BP-G4-WC	PCB	30.02	N/A	ritesh	RUPESH	10	D		U5-1
P4694-01	Z-03A	PCB	30.08	N/A	ritesh	RUPESH	10	D		2
P4694-05	Z-04	PCB	30.10	N/A	ritesh	RUPESH	10	D		3
P4695-01	Z-01	PCB	30.03	N/A	ritesh	RUPESH	10	E		4
P4697-01	TP-1	PCB	30.09	N/A	ritesh	RUPESH	10	D		5
P4699-01	MIXED-DEMO	PCB	30.02	N/A	ritesh	RUPESH	10			6
P4700-01	MH-8	PCB	30.04	N/A	ritesh	RUPESH	10	D		U6-1
P4701-01	BP-F3	PCB	30.08	N/A	ritesh	RUPESH	10	D		2
P4701-01MS	BP-F3MS	PCB	30.02	N/A	ritesh	RUPESH	10	D		3
P4701-01MSD	BP-F3MSD	PCB	30.04	N/A	ritesh	RUPESH	10	D		4
P4701-05	BP-F4	PCB	30.09	N/A	ritesh	RUPESH	10	D		5
P4703-01	S0-1	PCB	1.05	N/A	ritesh	RUPESH	10	B	Oil	
P4703-02	0910	PCB	5.09	N/A	ritesh	RUPESH	10	B	Oily Debris	6
P4703-03	1008	PCB	30.05	N/A	ritesh	RUPESH	10	B	S.Partical	U7-1
P4705-01	1024	PCB	5.04	N/A	ritesh	RUPESH	10	D	Oily Debris	2
P4711-01	CF-613-COMP-16	PCB	30.04	N/A	ritesh	RUPESH	10	D		3
P4711-06	CF-613-COMP-17	PCB	30.09	N/A	ritesh	RUPESH	10	D		4

* **Extracts relinquished on the same date as received.**

P4699

84 678 8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4684 **WorkList ID :** 185129 **Department :** Extraction **Date :** 11-05-2024 08:28:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4682-01	BELL-SHOP-RAGS	Solid	PCB	Cool 4 deg C	PSEG03	L13	11/01/2024	8082A
P4684-01	MECHANIC-ST-SWEEPINGS	Solid	PCB	Cool 4 deg C	PSEG03	L13	11/01/2024	8082A
P4685-01	OK-01-11012024	Solid	PCB	Cool 4 deg C	PSEG05	L13	11/01/2024	8082A
P4693-01	BP-G5-WC	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/02/2024	8082A
P4693-05	BP-G4-WC	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/02/2024	8082A
P4694-01	Z-03A	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/03/2024	8082A
P4694-05	Z-04	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/03/2024	8082A
P4695-01	Z-01	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/01/2024	8082A
P4697-01	TP-1	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/04/2024	8082A
P4699-01	MIXED-DEMO	Solid	PCB	Cool 4 deg C	EART12	K21	11/04/2024	8082A
P4700-01	MH-8	Solid	PCB	Cool 4 deg C	PSEG03	L21	11/04/2024	8082A
P4701-01	BP-F3	Solid	PCB	Cool 4 deg C	PSEG03	K23	11/04/2024	8082A
P4701-05	BP-F4	Solid	PCB	Cool 4 deg C	PSEG03	K23	11/04/2024	8082A
P4703-01	S0-1	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/04/2024	8082A
P4703-02	0910	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/04/2024	8082A
P4703-03	1008	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/04/2024	8082A
P4705-01	1024	Solid	PCB	Cool 4 deg C	PSEG03	L23	11/04/2024	8082A
P4711-01	CF-613-COMP-16	Solid	PCB	Cool 4 deg C	PSEG03	K51	11/04/2024	8082A
P4711-06	CF-613-COMP-17	Solid	PCB	Cool 4 deg C	PSEG03	K51	11/04/2024	8082A

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Date/Time 11/5/24 8:30
Raw Sample Received by: RJ (Set Lab)
Raw Sample Relinquished by:

Date/Time 11/5/24 8:05
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Set Lab)

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LAB CHRONICLE

OrderID:	P4699	**OrderDate:**	11/4/2024 12:02:00 PM
Client:	EarthEfficient LLC	**Project:**	120-122 Liberty Ave BK
Contact:	Environmental Team	**Location:**	K21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4699-01	**MIXED-DEMO**	**SOIL**			**11/04/24**			**11/04/24**
			PCB	8082A		11/05/24	11/05/24	

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Hit Summary Sheet
SW-846

SDG No.: P4699 **Order ID:** P4699

Client: EarthEfficient LLC **Project ID:** 120-122 Liberty Ave BK

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MIXED-DEMO								
P4699-01	MIXED-DEMO	SOIL	Lead	4.31		0.12	0.49	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	11/04/24
Project:	120-122 Liberty Ave BK	Date Received:	11/04/24
Client Sample ID:	MIXED-DEMO	SDG No.:	P4699
Lab Sample ID:	P4699-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	4.31		1	0.12	0.49	mg/Kg	11/06/24 10:00	11/07/24 22:34	SW6010	SW3050

Color Before:	Light Grey	Clarity Before:		Texture:	Medium
Color After:	yellowish Green	Clarity After:		Artifacts:	N/A
Comments:	Metals Group3				

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

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

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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	11/07/2024	14:38	LB133344

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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	11/07/2024	15:05	LB133344
CCB02	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	15:58	LB133344
CCB03	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	16:49	LB133344
CCB04	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	18:04	LB133344
CCB05	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	18:37	LB133344
CCB06	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	19:12	LB133344
CCB07	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	20:02	LB133344
CCB08	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	21:02	LB133344
CCB09	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	21:55	LB133344
CCB10	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	22:56	LB133344
CCB11	Lead	12.0	+/-12.0	U	12.0	P	11/07/2024	23:47	LB133344
CCB12	Lead	12.0	+/-12.0	U	12.0	P	11/08/2024	00:43	LB133344
CCB13	Lead	12.0	+/-12.0	U	12.0	P	11/08/2024	01:01	LB133344

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: EarthEfficient LLC **SDG No.:** P4699

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164708BL		**SOLID**		**Batch Number:**	**PB164708**		**Prep Date:**	**11/06/2024**	
	Lead	0.53	<0.53	U	0.53	P	11/07/2024	23:38	LB133344

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	1020	1000	102	90 - 110	P	11/07/2024	13:49	LB133344

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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	11.4	12.0	95	80 - 120	P	11/07/2024	14:23	LB133344

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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	4920	5000	98	90 - 110	P	11/07/2024	15:01	LB133344
CCV02	Lead	4800	5000	96	90 - 110	P	11/07/2024	15:53	LB133344
CCV03	Lead	4970	5000	99	90 - 110	P	11/07/2024	16:45	LB133344
CCV04	Lead	5010	5000	100	90 - 110	P	11/07/2024	17:56	LB133344
CCV05	Lead	4880	5000	98	90 - 110	P	11/07/2024	18:32	LB133344
CCV06	Lead	4930	5000	99	90 - 110	P	11/07/2024	19:08	LB133344
CCV07	Lead	4850	5000	97	90 - 110	P	11/07/2024	19:58	LB133344
CCV08	Lead	4840	5000	97	90 - 110	P	11/07/2024	20:58	LB133344
CCV09	Lead	4780	5000	96	90 - 110	P	11/07/2024	21:51	LB133344
CCV10	Lead	4710	5000	94	90 - 110	P	11/07/2024	22:52	LB133344
CCV11	Lead	4800	5000	96	90 - 110	P	11/07/2024	23:43	LB133344
CCV12	Lead	4820	5000	96	90 - 110	P	11/08/2024	00:39	LB133344
CCV13	Lead	4870	5000	97	90 - 110	P	11/08/2024	00:57	LB133344

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	11.3	12.0	94	40 - 160	P	11/07/2024	14:42	LB133344

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Lead	8.91			-12	12	11/07/2024	14:47	LB133344
ICSAB01	Lead	56.6	49.0	116	37	61	11/07/2024	14:51	LB133344

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: EarthEfficient LLC **level:** low **sdg no.:** P4699

contract: EART12 **lab code:** CHEM **case no.:** P4699 **sas no.:** P4699

matrix: Solid **sample id:** P4699-01 **client id:** MIXED-DEMOMS

Percent Solids for Sample: 99.5 **Spiked ID:** P4699-01MS **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	42.1		4.31		42.8	88		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: EarthEfficient LLC **level:** low **sdg no.:** P4699

contract: EART12 **lab code:** CHEM **case no.:** P4699 **sas no.:** P4699

matrix: Solid **sample id:** P4699-01 **client id:** MIXED-DEMOMSD

Percent Solids for Sample: 99.5 **Spiked ID:** P4699-01MSD **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	45.2		4.31		45.9	89		P

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Metals
- 5b -

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: EarthEfficient LLC **Level:** LOW **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Matrix: Solid **Sample ID:** P4699-01 **Client ID:** MIXED-DEMODUP

Percent Solids for Sample: 99.5 **Duplicate ID** P4699-01DUP **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	4.31		4.87		12		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: EarthEfficient LLC **Level:** LOW **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Matrix: Solid **Sample ID:** P4699-01MS **Client ID:** MIXED-DEMOMSD

Percent Solids for Sample: 99.5 **Duplicate ID** P4699-01MSD **Percent Solids for Spike Sample:** 99.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	42.1		45.2		7		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164708BS							
Lead	mg/Kg	43.9	41.2		94	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MIXED-DEMOL

Lab Name: Chemtech Consulting Group **Contract:** EART12

Lab Code: CHEM **Lb No.:** lb133344 **Lab Sample ID :** P4699-01L **SDG No.:** P4699

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Lead	4.31		4.37		1		P

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metals
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ANALYSIS RUN LOG

Client: EarthEfficient LLC **Contract:** EART12

Lab code: CHEM **Case no.:** P4699 **Sas no.:** P4699 **Sdg no.:** P4699

Instrument id number: **Method:** **Run number:** LB133344

Start date: 11/07/2024 **End date:** 11/08/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1323	Pb
S1	S1	1	1328	Pb
S2	S2	1	1332	Pb
S3	S3	1	1336	Pb
S4	S4	1	1340	Pb
S5	S5	1	1345	Pb
ICV01	ICV01	1	1349	Pb
LLICV01	LLICV01	1	1423	Pb
ICB01	ICB01	1	1438	Pb
CRI01	CRI01	1	1442	Pb
ICSA01	ICSA01	1	1447	Pb
ICSAB01	ICSAB01	1	1451	Pb
CCV01	CCV01	1	1501	Pb
CCB01	CCB01	1	1505	Pb
CCV02	CCV02	1	1553	Pb
CCB02	CCB02	1	1558	Pb
CCV03	CCV03	1	1645	Pb
CCB03	CCB03	1	1649	Pb
CCV04	CCV04	1	1756	Pb
CCB04	CCB04	1	1804	Pb
CCV05	CCV05	1	1832	Pb
CCB05	CCB05	1	1837	Pb
CCV06	CCV06	1	1908	Pb
CCB06	CCB06	1	1912	Pb
CCV07	CCV07	1	1958	Pb
CCB07	CCB07	1	2002	Pb
CCV08	CCV08	1	2058	Pb
CCB08	CCB08	1	2102	Pb
CCV09	CCV09	1	2151	Pb
CCB09	CCB09	1	2155	Pb
P4699-01	MIXED-DEMO	1	2234	Pb
P4699-01DUP	MIXED-DEMODUP	1	2239	Pb
P4699-01L	MIXED-DEMOL	5	2243	Pb
P4699-01MS	MIXED-DEMOMS	1	2247	Pb
CCV10	CCV10	1	2252	Pb
CCB10	CCB10	1	2256	Pb
P4699-01MSD	MIXED-DEMOMSD	1	2300	Pb
PB164708BL	PB164708BL	1	2338	Pb
CCV11	CCV11	1	2343	Pb
CCB11	CCB11	1	2347	Pb
PB164708BS	PB164708BS	1	2351	Pb

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metals
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ANALYSIS RUN LOG

Client: EarthEfficient LLC **Contract:** EART12

Lab code: CHEM **Case no.:** P4699 **Sas no.:** P4699 **Sdg no.:** P4699

Instrument id number: **Method:** **Run number:** LB133344

Start date: 11/07/2024 **End date:** 11/08/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV12	CCV12	1	0039	Pb
CCB12	CCB12	1	0043	Pb
CCV13	CCV13	1	0057	Pb
CCB13	CCB13	1	0101	Pb

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

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Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

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Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

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Contract: EART12 **Lab Code:** CHEM **Case No.:** P4699 **SAS No.:** P4699

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

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LAB CHRONICLE

OrderID:	P4699	**OrderDate:**	11/4/2024 12:02:00 PM
Client:	EarthEfficient LLC	**Project:**	120-122 Liberty Ave BK
Contact:	Environmental Team	**Location:**	K21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4699-01	**MIXED-DEMO**	**SOIL**			**11/04/24**			**11/04/24**
			Metals Group3	6010D		11/06/24	11/07/24	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: EarthEfficient LLC **SDG No.:** P4699

Contract: EART12 **Lab Code:** CHEM **Method:**

Case No.: P4699 **SAS No.:** P4699

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB164708**						
P4699-01	MIXED-DEMO	SAM	SOLID	11/06/2024	2.44	100.0	99.50
P4699-01DUP	MIXED-DEMODUP	DUP	SOLID	11/06/2024	2.24	100.0	99.50
P4699-01MS	MIXED-DEMOMS	MS	SOLID	11/06/2024	2.35	100.0	99.50
P4699-01MSD	MIXED-DEMOMSD	MSD	SOLID	11/06/2024	2.19	100.0	99.50
PB164708BL	PB164708BL	MB	SOLID	11/06/2024	2.28	100.0	100.00
PB164708BS	PB164708BS	LCS	SOLID	11/06/2024	2.28	100.0	100.00

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	kareem	Supervise On	11/13/2024 7:36:39 PM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP83080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091 MP83092

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/07/24 13:23		Kareem	OK
2	S1	S1	CAL2	11/07/24 13:28		Kareem	OK
3	S2	S2	CAL3	11/07/24 13:32		Kareem	OK
4	S3	S3	CAL4	11/07/24 13:36		Kareem	OK
5	S4	S4	CAL5	11/07/24 13:40		Kareem	OK
6	S5	S5	CAL6	11/07/24 13:45		Kareem	OK
7	ICV01	ICV01	ICV	11/07/24 13:49		Kareem	OK
8	LLICV01	LLICV01	LLICV	11/07/24 14:23		Kareem	OK
9	ICB01	ICB01	ICB	11/07/24 14:38		Kareem	OK
10	CRI01	CRI01	CRDL	11/07/24 14:42		Kareem	OK
11	ICSA01	ICSA01	ICSA	11/07/24 14:47		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	11/07/24 14:51		Kareem	OK
13	CCV01	CCV01	CCV	11/07/24 15:01		Kareem	OK
14	CCB01	CCB01	CCB	11/07/24 15:05		Kareem	OK
15	P4645-04	Z-02-WC	SAM	11/07/24 15:09		Kareem	OK
16	P4659-04	MH-2	SAM	11/07/24 15:14		Kareem	OK
17	P4660-03	WC-TA2-01-C	SAM	11/07/24 15:18		Kareem	OK
18	P4660-07	WC-WOOD-01-C	SAM	11/07/24 15:22		Kareem	OK

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ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091 MP83092

19	P4660-11	WC-CONCRETE-01-(	SAM	11/07/24 15:27		Kareem	OK
20	P4667-04	BP-F-6	SAM	11/07/24 15:31		Kareem	OK
21	P4667-08	BP-F-5	SAM	11/07/24 15:36		Kareem	OK
22	P4667-12	TP-10	SAM	11/07/24 15:40		Kareem	OK
23	P4667-16	BP-F-7	SAM	11/07/24 15:45		Kareem	OK
24	P4679-04	MH-1	SAM	11/07/24 15:49		Kareem	OK
25	CCV02	CCV02	CCV	11/07/24 15:53		Kareem	OK
26	CCB02	CCB02	CCB	11/07/24 15:58		Kareem	OK
27	P4680-04	BP-F26	SAM	11/07/24 16:02		Kareem	OK
28	P4680-08	BP-F25	SAM	11/07/24 16:06		Kareem	OK
29	P4684-01	MECHANIC-ST-SWEI	SAM	11/07/24 16:11		Kareem	OK
30	P4684-01DUP	MECHANIC-ST-SWEI	DUP	11/07/24 16:15		Kareem	OK
31	P4684-01L	MECHANIC-ST-SWEI	SD	11/07/24 16:20		Kareem	OK
32	P4684-01MS	MECHANIC-ST-SWEI	MS	11/07/24 16:24	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
33	P4684-01MSD	MECHANIC-ST-SWEI	MSD	11/07/24 16:28	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
34	P4684-01A	MECHANIC-ST-SWEI	PS	11/07/24 16:32	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
35	PB164560TB	PB164560TB	MB	11/07/24 16:36		Kareem	OK

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CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091 MP83092

36	PB164665BL	PB164665BL	MB	11/07/24 16:41		Kareem	OK
37	CCV03	CCV03	CCV	11/07/24 16:45		Kareem	OK
38	CCB03	CCB03	CCB	11/07/24 16:49		Kareem	OK
39	PB164665BS	PB164665BS	LCS	11/07/24 16:54	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
40	P4693-04	BP-G5-WC	SAM	11/07/24 16:58		Kareem	OK
41	P4693-08	BP-G4-WC	SAM	11/07/24 17:02		Kareem	OK
42	P4694-04	Z-03A	SAM	11/07/24 17:06		Kareem	OK
43	P4694-08	Z-04	SAM	11/07/24 17:11		Kareem	OK
44	P4695-04	Z-01	SAM	11/07/24 17:15		Kareem	OK
45	P4700-04	MH-8	SAM	11/07/24 17:20		Kareem	OK
46	P4701-01	BP-F3	SAM	11/07/24 17:24		Kareem	OK
47	P4701-08	BP-F4	SAM	11/07/24 17:29		Kareem	OK
48	P4711-05	CF-613-COMP-16	SAM	11/07/24 17:33		Kareem	OK
49	CCV04	CCV04	CCV	11/07/24 17:56		Kareem	OK
50	CCB04	CCB04	CCB	11/07/24 18:04		Kareem	OK
51	P4711-10	CF-613-COMP-17	SAM	11/07/24 18:08		Kareem	OK
52	P4702-01	TOTE-1	SAM	11/07/24 18:13		Kareem	OK
53	P4662-06DL2	102524-DDL2	SAM	11/07/24 18:17	NOT USE	Kareem	Not Ok
54	P4662-06DL	102524-DDL	SAM	11/07/24 18:22	NOT USE	Kareem	Not Ok

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LCS Standard	
Chk Standard	MP83091 MP83092

55	P4662-06	102524-D	SAM	11/07/24 18:28		Kareem	OK
56	CCV05	CCV05	CCV	11/07/24 18:32		Kareem	OK
57	CCB05	CCB05	CCB	11/07/24 18:37		Kareem	OK
58	P4702-01DUP	TOTE-1DUP	DUP	11/07/24 18:43		Kareem	OK
59	P4702-01L	TOTE-1L	SD	11/07/24 18:47		Kareem	OK
60	P4706-01	TR-04-110424	SAM	11/07/24 18:51		Kareem	OK
61	P4708-01	OR-02-110424	SAM	11/07/24 18:56		Kareem	OK
62	P4711-01	CF-613-COMP-16	SAM	11/07/24 19:00		Kareem	OK
63	P4711-06	CF-613-COMP-17	SAM	11/07/24 19:04		Kareem	OK
64	CCV06	CCV06	CCV	11/07/24 19:08		Kareem	OK
65	CCB06	CCB06	CCB	11/07/24 19:12		Kareem	OK
66	P4702-01MS	TOTE-1MS	MS	11/07/24 19:16	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
67	P4702-01MSD	TOTE-1MSD	MSD	11/07/24 19:20	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
68	P4702-01A	TOTE-1A	PS	11/07/24 19:24	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
69	PB164662TB	PB164662TB	MB	11/07/24 19:28		Kareem	OK
70	PB164685TB	PB164685TB	MB	11/07/24 19:32		Kareem	OK
71	PB164712BL	PB164712BL	MB	11/07/24 19:37		Kareem	OK

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LCS Standard	
Chk Standard	MP83091 MP83092

72	PB164712BS	PB164712BS	LCS	11/07/24 19:41	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
73	P4720-01	JC-701-COMP-01	SAM	11/07/24 19:45		Kareem	OK
74	P4720-01DUP	JC-701-COMP-01DUP	DUP	11/07/24 19:50		Kareem	OK
75	P4720-01L	JC-701-COMP-01L	SD	11/07/24 19:54		Kareem	OK
76	CCV07	CCV07	CCV	11/07/24 19:58		Kareem	OK
77	CCB07	CCB07	CCB	11/07/24 20:02		Kareem	OK
78	P4617-04	CONCRETE-PILE	SAM	11/07/24 20:08		Kareem	OK
79	P4617-04DUP	CONCRETE-PILEDUP	DUP	11/07/24 20:12		Kareem	OK
80	P4617-04L	CONCRETE-PILEL	SD	11/07/24 20:17		Kareem	OK
81	P4617-04MS	CONCRETE-PILEMS	MS	11/07/24 20:21	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
82	P4617-04MSD	CONCRETE-PILEMS	MSD	11/07/24 20:25	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
83	P4549-04	TT-069-IDWGW-2024	SAM	11/07/24 20:34		Kareem	OK
84	P4617-04A	CONCRETE-PILEA	PS	11/07/24 20:41	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
85	P4549-04DUP	TT-069-IDWGW-2024	DUP	11/07/24 20:45		Kareem	OK
86	P4549-04L	TT-069-IDWGW-2024	SD	11/07/24 20:49		Kareem	OK
87	P4549-04MS	TT-069-IDWGW-2024	MS	11/07/24 20:54	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK

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88	CCV08	CCV08	CCV	11/07/24 20:58		Kareem	OK
89	CCB08	CCB08	CCB	11/07/24 21:02		Kareem	OK
90	P4549-04MSD	TT-069-IDWGW-2024	MSD	11/07/24 21:08	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
91	P4549-04A	TT-069-IDWGW-2024	PS	11/07/24 21:12	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
92	P4720-01MS	JC-701-COMP-01MS	MS	11/07/24 21:16	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
93	P4720-01MSD	JC-701-COMP-01MSI	MSD	11/07/24 21:20	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
94	P4720-01A	JC-701-COMP-01A	PS	11/07/24 21:24	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
95	P4722-03	WC-1(0-6)	SAM	11/07/24 21:29	Fe high	Kareem	Dilution
96	P4722-08	WC-2(0-6)	SAM	11/07/24 21:33		Kareem	OK
97	P4722-13	WC-3(0-6)	SAM	11/07/24 21:38		Kareem	OK
98	PB164723BL	PB164723BL	MB	11/07/24 21:42		Kareem	OK
99	PB164723BS	PB164723BS	LCS	11/07/24 21:47	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
100	CCV09	CCV09	CCV	11/07/24 21:51		Kareem	OK
101	CCB09	CCB09	CCB	11/07/24 21:55		Kareem	OK
102	P4693-01	BP-G5-WC	SAM	11/07/24 22:09		Kareem	OK

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103	P4693-05	BP-G4-WC	SAM	11/07/24 22:13		Kareem	OK
104	P4694-01	Z-03A	SAM	11/07/24 22:17		Kareem	OK
105	P4694-05	Z-04	SAM	11/07/24 22:22		Kareem	OK
106	P4695-01	Z-01	SAM	11/07/24 22:26		Kareem	OK
107	P4697-01	TP-1	SAM	11/07/24 22:30		Kareem	OK
108	P4699-01	MIXED-DEMO	SAM	11/07/24 22:34		Kareem	OK
109	P4699-01DUP	MIXED-DEMODUP	DUP	11/07/24 22:39		Kareem	OK
110	P4699-01L	MIXED-DEMOL	SD	11/07/24 22:43		Kareem	OK
111	P4699-01MS	MIXED-DEMOMS	MS	11/07/24 22:47	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
112	CCV10	CCV10	CCV	11/07/24 22:52		Kareem	OK
113	CCB10	CCB10	CCB	11/07/24 22:56		Kareem	OK
114	P4699-01MSD	MIXED-DEMOMSD	MSD	11/07/24 23:00	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
115	P4699-01A	MIXED-DEMOA	PS	11/07/24 23:04	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
116	P4700-01	MH-8	SAM	11/07/24 23:09		Kareem	OK
117	P4701-01RE	BP-F3RE	SAM	11/07/24 23:13	NOT USE	Kareem	Not Ok
118	P4701-05	BP-F4	SAM	11/07/24 23:17		Kareem	OK
119	P4707-01	HD-02-110424	SAM	11/07/24 23:22		Kareem	OK

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120	P4718-01	WB-307-SB01	SAM	11/07/24 23:26		Kareem	OK
121	P4718-02	WB-307-SB02	SAM	11/07/24 23:30		Kareem	OK
122	P4719-01	BAYAVE-STOCKPILE	SAM	11/07/24 23:34		Kareem	OK
123	PB164708BL	PB164708BL	MB	11/07/24 23:38		Kareem	OK
124	CCV11	CCV11	CCV	11/07/24 23:43		Kareem	OK
125	CCB11	CCB11	CCB	11/07/24 23:47		Kareem	OK
126	PB164708BS	PB164708BS	LCS	11/07/24 23:51	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
127	PB164563BL	PB164563BL	MB	11/07/24 23:55		Kareem	OK
128	PB164563BS	PB164563BS	LCS	11/08/24 00:05	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
129	PB164634BL	PB164634BL	MB	11/08/24 00:08		Kareem	OK
130	PB164634BS	PB164634BS	LCS	11/08/24 00:13	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
131	PB164647BL	PB164647BL	MB	11/08/24 00:17		Kareem	OK
132	PB164647BS	PB164647BS	LCS	11/08/24 00:21	0.1ML OF M6010 AND M6001 WERE ADDED TO 10ML OF THE SAMPLE	Kareem	OK
133	P4722-03DL	WC-1(0-6)DL	SAM	11/08/24 00:26	5x for Fe	Kareem	Confirms
134	LR1	LR1	HIGH STD	11/08/24 00:30		Kareem	OK
135	LR2	LR2	HIGH STD	11/08/24 00:35		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133344

Review By	mohan	Review On	11/9/2024 12:07:42 AM
Supervise By	kareem	Supervise On	11/13/2024 7:36:39 PM

STD. NAME	STD REF.#
ICAL Standard	MP83078,MP83079,MP83080,MP83081,MP83082,MP83084
ICV Standard	MP83085
CCV Standard	MP83088
ICSA Standard	MP83086,MP83087
CRI Standard	MP83084
LCS Standard	
Chk Standard	MP83091 MP83092

136	CCV12	CCV12	CCV	11/08/24 00:39		Kareem	OK
137	CCB12	CCB12	CCB	11/08/24 00:43		Kareem	OK
138	P4701-01DL	BP-F3DL	SAM	11/08/24 00:48	NOT USE	Kareem	Not Ok
139	CCV13	CCV13	CCV	11/08/24 00:57		Kareem	OK
140	CCB13	CCB13	CCB	11/08/24 01:01		Kareem	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164708

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete 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 #2 2. N/A

Start Digest Date: 11/06/2024 **Time :** 10:00 **Temp :** 96 °C

End Digest Date: 11/06/2024 **Time :** 12:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: JSP

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared 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	MP81119
CONC: HNO3	5.00	M6116
30% H2O2	3.00	M5634
CONC: HCL	10.00	M6095
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 #2 Cell #34 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/24 12:30	JSP/Met dig	[illegible]
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164708

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4693-01	BP-G5-WC	N/A	2.45	100	Brown	Yellow	Medium	N/A	N/A	1
P4693-05	BP-G4-WC	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	2
P4694-01	Z-03A	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	3
P4694-05	Z-04	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	4
P4695-01	Z-01	N/A	2.22	100	Black	Brown	Medium	N/A	N/A	5
P4697-01	TP-1	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	6
P4699-01	MIXED-DEMO	N/A	2.44	100	Light Grey	yellowish Green	Medium	N/A	N/A	7
P4699-01MS	MIXED-DEMOMS	N/A	2.35	100	Light Grey	yellowish Green	Medium	N/A	M6000,M6009	9
P4699-01MSD	MIXED-DEMOMSD	N/A	2.19	100	Light Grey	yellowish Green	Medium	N/A	M6000, M6009	10
P4699-01DUP	MIXED-DEMODUP	N/A	2.24	100	Light Grey	yellowish Green	Medium	N/A	N/A	8
P4700-01	MH-8	N/A	2.30	100	Black	Yellow	Medium	N/A	N/A	11
P4701-01	BP-F3	N/A	2.48	100	Yellow	Yellow	Medium	N/A	N/A	12
P4701-05	BP-F4	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	13
P4706-01	TR-04-110424	N/A	2.29	100	Brown	Yellow	Medium	N/A	N/A	14
P4707-01	HD-02-110424	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	15
P4708-01	OR-02-110424	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	16
P4709-01	HR-02-110424	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	17
P4709-03	HR-03-110424	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	18
P4711-01	CF-613-COMP-16	N/A	2.23	100	Black	Brown	Medium	N/A	N/A	19
P4711-06	CF-613-COMP-17	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	20
P4718-01	WB-307-SB01	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	21
P4718-02	WB-307-SB02	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	22
P4719-01	BAYAVE-STOCKPILE	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	23
PB164708BL	PBS708	N/A	2.28	100	Colorless	Colorless	Fine	N/A	N/A	24
PB164708BS	LCS708	N/A	2.28	100	Colorless	Colorless	Fine	N/A	M6000, M6009	25

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: P4699

COC Number:

CLIENT INFORMATION

Report to be sent to:

COMPANY: EarthEfficient
ADDRESS: 30 W Main St
CITY: Riverhead STATE: NY ZIP: 11901
ATTENTION: Env Team - envteam@earthefficient.com
PHONE: (631) 209-4245 FAX:

PROJECT INFORMATION

PROJECT NAME: 120 122 Liberty Ave BK
PROJECT #: LOCATION: 120 122 Liberty Ave
PROJECT MANAGER: Ryan Casserly Brooklyn, NY
E-MAIL: envteam@earthefficient.com
PHONE: (631) 209-4245 FAX:

BILLING INFORMATION

BILL TO: EarthEfficient PO#
ADDRESS: 30 W Main St
CITY: Riverhead STATE: NY ZIP: 11901
ATTENTION: Pia Tague - pia@earthefficient.com
PHONE: (631) 209-4245

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☑ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 total lead (6010)	2 PCBs (8082)	3	4	5	6	7	8	9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Mixed Demo	S	✔		11/4/24	10:00AM	1	✔	✔								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<- Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Vin Schiano	11/4/24 1200	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coilers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.2°C

Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete
☐ 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