

DATA PACKAGE

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : MWCO CJO WTP EDISON 295110

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q3266

ATTENTION : Marcie Ann Encinas



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3266

Project ID : MWCO CJO WTP Edison 295110

Client : CDM Smith

Lab Sample Number

Q3266-01
Q3266-02

Client Sample Number

ENV-3-6FT
ENV-4-6FT

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 :

APPROVED

By *Nimisha Pandya, QA/QC Supervisor at 8:31 am, Oct 14, 2025*

Date: 10/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

CDM Smith

Project Name: MWCO CJO WTP Edison 295110

Project # N/A

Order ID # Q3266

**Test Name: VOC-TCLVOA-10,SVOC-TCL BNA -
20,EPH,Herbicide,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL**

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 10/01/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-TCL BNA -20,EPH,Herbicide,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL. This data package contains results for VOC-TCLVOA-10(8260D), SVOC-TCL BNA -20(8270E),EPH(NJEPH),Herbicide(8151A),PCB(8082A),Pesticide-TCL(8081B),Mercury(7471B),Metals ICP-TAL(6010D).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

SVOC-TCL BNA -20 : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

Pesticide-TCL : The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df,; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

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

Herbicide : The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 μ m df,; Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 μ m df, Catalog #: 11324. The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

EPH : The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 μ m df, catalog 10224. The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 μ m df, catalog 10224. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

Mercury, Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following

SVOC-TCL BNA -20 : ENV-3-6FT [Terphenyl-d14 - 116%], As per SOW one base surrogate allowed fail, Therefore no further corrective action was taken. ENV-3-6FTMS [Nitrobenzene-d5 - 120%, Phenol-d6 - 115%, Terphenyl-d14 - 139%] and ENV-3-6FTMSD [Nitrobenzene-d5 - 112%, Terphenyl-d14 - 127%]. Failed same surrogate in MS/MSD due to matrix interference, Therefore no further corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

SVOC-TCL BNA -20 : The MS {Q3266-01MS} with File ID: BF143864.D recoveries met the requirements for all compounds except for 2,6-Dinitrotoluene[132%], Recovery failed due to matrix interference, Therefore no further corrective action was taken.

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Pesticide-TCL : The MS {Q3266-01MS} with File ID: PL097503.D recoveries met the requirements for all compounds except for [Heptachlor(2)- 60%], [Methoxychlor(2)- 53%] due to matrix interference.

Herbicide : The MS {Q3266-01MS} with File ID: PS031959.D recoveries met the requirements for all compounds except for [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference.

Mercury, Metals ICP-TAL : The Matrix Spike (ENV-4-6FTMS) analysis met criteria for all compounds except for Antimony, Chromium, Copper, Potassium and Vanadium due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following
Pesticide-TCL : The MSD {Q3266-01MSD} with File ID: PL097504.D recoveries met the requirements for all compounds except for [Heptachlor(2)- 61%] due to matrix interference.

Herbicide : The MSD {Q3266-01MSD} with File ID: PS031960.D recoveries met the requirements for all compounds except for [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference.

Mercury, Metals ICP-TAL : The Matrix Spike Duplicate (ENV-4-6FTMSD) analysis met criteria for all compounds except for Antimony, Cobalt, Copper, Nickel and Potassium due to Chemical Interference during Digestion process.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds except following
VOC-TCLVOA-10 : The Blank Spike for {VW1002SBS01} with File ID: VW032324.D met requirements for all compounds except for Methylene Chloride[134%]. Failing high but associated samples have no positive hit for this compound therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds

The Blank Spike met requirements for all compounds except following
SVOC-TCL BNA -20 : The Blank Spike for {PB169989BS} with File ID: BP025926.D met requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[106%]. there is no positive hit for failed compound in associated samples, Therefore no further corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds

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

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The Initial Calibration met the requirements except following
VOC-TCLVOA-10 : The %RSD is greater than 20% in the Initial Calibration method (82W100125S.M) for Methylene chloride, this compound is passing on Linear regression.

SVOC-TCL BNA -20 : The %RSD is greater than 20% in the Method 8270-BF092325.M for 2-Nitrophenol & 2,4-Dinitrotoluene passing on Linear regression, and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, they are passing on Quadratic regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BP091225.M) for 2,4-Dinitrophenol & 4-Nitrophenol. These Compounds are passing on Linear regression.

The Continuous Calibration met the requirements except following
SVOC-TCL BNA -20 : The Continuous Calibration File ID BF143853.D met the requirements except for 2,3,4,6-Tetrachlorophenol,2,4-Dinitrophenol,2,6-Dinitrotoluene,4-Bromophenyl-phenylether,Hexachlorobenzene,Pentachlorophenol and 2,4,6-Tribromophenol. There is no positive hit in associated samples, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025924.D met the requirements except for Benzaldehyde. There is no positive hit in associated samples, therefor no further corrective action was taken

PCB : The Continuous Calibration File ID PO114211.D met the requirements except for Aroclor-1260(Peak-04),Aroclor-1260(Peak-05) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all samples.

The Serial Dilution met criteria for all compounds except following
Mercury, Metals ICP-TAL : The Serial Dilution (ENV-4-6FTL) met criteria for all compounds except for Aluminum, Calcium, Chromium, Copper, Magnesium, Manganese and Zinc due to unknow sample matrix interference.

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E. Additional Comments:

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

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Mercury, Metals ICP-TAL : The Post Digest Spike (ENV-4-6FTA) analysis met criteria for all compounds except for Potassium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.

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 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_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:35 am, Oct 14, 2025

DATA REPORTING QUALIFIERS- INORGANIC

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

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3266

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 Custody

✓

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: 10/13/2025

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL	VOC-TCLVOA-10	8260D	10/01/25		10/02/25	10/01/25
Q3266-02	ENV-4-6FT	SOIL	VOC-TCLVOA-10	8260D	10/01/25		10/02/25	10/01/25

Hit Summary Sheet
SW-846

SDG No.: Q3266
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	ENV-3-6FT							
Q3266-01	ENV-3-6FT	SOIL	Acetone	39.5		2.00	10.6	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	2-Butanone	8.20	J	2.80	10.6	ug/Kg
			Total Voc :	47.7				
			Total Concentration:	47.7				

A

B

C

D

E

F

G



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.48	U	0.48	2.10	ug/Kg
74-87-3	Chloromethane	0.48	U	0.48	2.10	ug/Kg
75-01-4	Vinyl Chloride	0.33	U	0.33	2.10	ug/Kg
74-83-9	Bromomethane	0.45	U	0.45	2.10	ug/Kg
75-00-3	Chloroethane	0.53	U	0.53	2.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.51	U	0.51	2.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	0.45	2.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.42	U	0.42	2.10	ug/Kg
67-64-1	Acetone	39.5		2.00	10.6	ug/Kg
75-15-0	Carbon Disulfide	0.45	U	0.45	2.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.31	U	0.31	2.10	ug/Kg
79-20-9	Methyl Acetate	0.65	U	0.65	2.10	ug/Kg
75-09-2	Methylene Chloride	1.50	UQ	1.50	4.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.36	2.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.34	U	0.34	2.10	ug/Kg
110-82-7	Cyclohexane	0.33	U	0.33	2.10	ug/Kg
78-93-3	2-Butanone	8.20	J	2.80	10.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.41	U	0.41	2.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.32	U	0.32	2.10	ug/Kg
74-97-5	Bromochloromethane	0.49	U	0.49	2.10	ug/Kg
67-66-3	Chloroform	0.35	U	0.35	2.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.39	U	0.39	2.10	ug/Kg
108-87-2	Methylcyclohexane	0.38	U	0.38	2.10	ug/Kg
71-43-2	Benzene	0.33	U	0.33	2.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.33	U	0.33	2.10	ug/Kg
79-01-6	Trichloroethene	0.34	U	0.34	2.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.38	U	0.38	2.10	ug/Kg
75-27-4	Bromodichloromethane	0.33	U	0.33	2.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1.50	U	1.50	10.6	ug/Kg
108-88-3	Toluene	0.33	U	0.33	2.10	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.27	U	0.27	2.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.26	U	0.26	2.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.39	U	0.39	2.10	ug/Kg
591-78-6	2-Hexanone	1.60	U	1.60	10.6	ug/Kg
124-48-1	Dibromochloromethane	0.37	U	0.37	2.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.37	U	0.37	2.10	ug/Kg
127-18-4	Tetrachloroethene	0.44	U	0.44	2.10	ug/Kg
108-90-7	Chlorobenzene	0.38	U	0.38	2.10	ug/Kg
100-41-4	Ethyl Benzene	0.28	U	0.28	2.10	ug/Kg
179601-23-1	m/p-Xylenes	0.52	U	0.52	4.20	ug/Kg
95-47-6	o-Xylene	0.35	U	0.35	2.10	ug/Kg
100-42-5	Styrene	0.30	U	0.30	2.10	ug/Kg
75-25-2	Bromoform	0.36	U	0.36	2.10	ug/Kg
98-82-8	Isopropylbenzene	0.33	U	0.33	2.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	0.51	2.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	2.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.66	U	0.66	2.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	2.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.78	U	0.78	2.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	2.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.30	U	1.30	2.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	74.0		63 - 155	148%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		70 - 134	113%	SPK: 50
2037-26-5	Toluene-d8	54.7		74 - 123	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	7.965			
540-36-3	1,4-Difluorobenzene	410000	8.855			
3114-55-4	Chlorobenzene-d5	402000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	186000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	80.3
Sample Wt/Vol:	14.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032329.D	1	10/02/25 13:57	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.65	U	0.65	2.80	ug/Kg
74-87-3	Chloromethane	0.65	U	0.65	2.80	ug/Kg
75-01-4	Vinyl Chloride	0.45	U	0.45	2.80	ug/Kg
74-83-9	Bromomethane	0.61	U	0.61	2.80	ug/Kg
75-00-3	Chloroethane	0.72	U	0.72	2.80	ug/Kg
75-69-4	Trichlorofluoromethane	0.69	U	0.69	2.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.60	U	0.60	2.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.57	U	0.57	2.80	ug/Kg
67-64-1	Acetone	2.70	U	2.70	14.2	ug/Kg
75-15-0	Carbon Disulfide	0.60	U	0.60	2.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.41	U	0.41	2.80	ug/Kg
79-20-9	Methyl Acetate	0.87	U	0.87	2.80	ug/Kg
75-09-2	Methylene Chloride	2.00	UQ	2.00	5.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.49	U	0.49	2.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.45	U	0.45	2.80	ug/Kg
110-82-7	Cyclohexane	0.45	U	0.45	2.80	ug/Kg
78-93-3	2-Butanone	3.70	U	3.70	14.2	ug/Kg
56-23-5	Carbon Tetrachloride	0.55	U	0.55	2.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.43	U	0.43	2.80	ug/Kg
74-97-5	Bromochloromethane	0.65	U	0.65	2.80	ug/Kg
67-66-3	Chloroform	0.48	U	0.48	2.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.53	U	0.53	2.80	ug/Kg
108-87-2	Methylcyclohexane	0.52	U	0.52	2.80	ug/Kg
71-43-2	Benzene	0.45	U	0.45	2.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.45	U	0.45	2.80	ug/Kg
79-01-6	Trichloroethene	0.46	U	0.46	2.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.52	U	0.52	2.80	ug/Kg
75-27-4	Bromodichloromethane	0.44	U	0.44	2.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.00	U	2.00	14.2	ug/Kg
108-88-3	Toluene	0.44	U	0.44	2.80	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.37	U	0.37	2.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.35	U	0.35	2.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.52	U	0.52	2.80	ug/Kg
591-78-6	2-Hexanone	2.10	U	2.10	14.2	ug/Kg
124-48-1	Dibromochloromethane	0.49	U	0.49	2.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.50	U	0.50	2.80	ug/Kg
127-18-4	Tetrachloroethene	0.60	U	0.60	2.80	ug/Kg
108-90-7	Chlorobenzene	0.52	U	0.52	2.80	ug/Kg
100-41-4	Ethyl Benzene	0.38	U	0.38	2.80	ug/Kg
179601-23-1	m/p-Xylenes	0.70	U	0.70	5.70	ug/Kg
95-47-6	o-Xylene	0.47	U	0.47	2.80	ug/Kg
100-42-5	Styrene	0.40	U	0.40	2.80	ug/Kg
75-25-2	Bromoform	0.49	U	0.49	2.80	ug/Kg
98-82-8	Isopropylbenzene	0.44	U	0.44	2.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U	0.69	2.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.97	U	0.97	2.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.89	U	0.89	2.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.82	U	0.82	2.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1.00	2.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.70	U	1.70	2.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.80	U	1.80	2.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	70.0		63 - 155	140%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		70 - 134	113%	SPK: 50
2037-26-5	Toluene-d8	56.6		74 - 123	113%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		17 - 146	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	185000	7.965			
540-36-3	1,4-Difluorobenzene	407000	8.855			
3114-55-4	Chlorobenzene-d5	436000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	196000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87
Sample Wt/Vol:	10.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032330.D	1	10/02/25 14:19	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q3266**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3266-01	ENV-3-6FT	1,2-Dichloroethane-d4	50	74.0	148		63	155
		Dibromofluoromethane	50	56.5	113		70	134
		Toluene-d8	50	54.7	109		74	123
		4-Bromofluorobenzene	50	54.1	108		17	146
Q3266-02	ENV-4-6FT	1,2-Dichloroethane-d4	50	70.0	140		63	155
		Dibromofluoromethane	50	56.5	113		70	134
		Toluene-d8	50	56.6	113		74	123
		4-Bromofluorobenzene	50	56.3	113		17	146
VW1002SBL01	VW1002SBL01	1,2-Dichloroethane-d4	50	59.9	120		63	155
		Dibromofluoromethane	50	52.7	105		70	134
		Toluene-d8	50	53.3	107		74	123
		4-Bromofluorobenzene	50	50.8	102		17	146
VW1002SBS01	VW1002SBS01	1,2-Dichloroethane-d4	50	52.2	104		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	51.8	104		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW1002SBSD0	VW1002SBSD01	1,2-Dichloroethane-d4	50	49.3	99		63	155
		Dibromofluoromethane	50	49.7	99		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.3	99		17	146

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032324.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1002SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			64	136	
	Chloromethane	20	21.4	ug/Kg	107			52	151	
	Vinyl chloride	20	22.7	ug/Kg	114			56	148	
	Bromomethane	20	22.2	ug/Kg	111			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	21.0	ug/Kg	105			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.1	ug/Kg	111			81	123	
	1,1-Dichloroethene	20	22.3	ug/Kg	112			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109			77	129	
	Methyl Acetate	20	19.2	ug/Kg	96			69	149	
	Methylene Chloride	20	26.8	ug/Kg	134		*	72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	21.3	ug/Kg	106			82	123	
	Cyclohexane	20	21.2	ug/Kg	106			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	21.1	ug/Kg	106			82	123	
	Bromochloromethane	20	21.5	ug/Kg	108			80	127	
	Chloroform	20	21.7	ug/Kg	109			82	125	
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	21.1	ug/Kg	106			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.7	ug/Kg	104			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.4	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	21.1	ug/Kg	106			80	125	
	Tetrachloroethene	20	20.3	ug/Kg	102			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	20.8	ug/Kg	104			83	123	
	Styrene	20	20.7	ug/Kg	104			82	124	
	Bromoform	20	21.0	ug/Kg	105			75	127	
	Isopropylbenzene	20	20.0	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032324.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW1002SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032325.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1002SBSD01	Dichlorodifluoromethane	20	19.2	ug/Kg	96	6		64	136	20
	Chloromethane	20	19.3	ug/Kg	97	10		52	151	20
	Vinyl chloride	20	20.6	ug/Kg	103	10		56	148	20
	Bromomethane	20	20.8	ug/Kg	104	7		58	141	20
	Chloroethane	20	20.3	ug/Kg	102	2		69	130	20
	Trichlorofluoromethane	20	22.1	ug/Kg	111	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/Kg	102	8		81	123	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	8		79	121	20
	Acetone	100	110	ug/Kg	110	9		40	171	20
	Carbon disulfide	20	21.0	ug/Kg	105	6		59	130	20
	Methyl tert-butyl Ether	20	21.0	ug/Kg	105	4		77	129	20
	Methyl Acetate	20	17.8	ug/Kg	89	8		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	9		72	131	20
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101	8		80	123	20
	1,1-Dichloroethane	20	20.1	ug/Kg	101	5		82	123	20
	Cyclohexane	20	19.9	ug/Kg	100	6		76	122	20
	2-Butanone	100	100	ug/Kg	100	10		69	131	20
	Carbon Tetrachloride	20	20.9	ug/Kg	104	2		76	129	20
	cis-1,2-Dichloroethene	20	20.0	ug/Kg	100	6		82	123	20
	Bromochloromethane	20	20.3	ug/Kg	102	6		80	127	20
	Chloroform	20	20.3	ug/Kg	102	7		82	125	20
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106	6		80	126	20
	Methylcyclohexane	20	20.2	ug/Kg	101	3		77	123	20
	Benzene	20	20.3	ug/Kg	102	2		84	121	20
	1,2-Dichloroethane	20	20.4	ug/Kg	102	4		81	126	20
	Trichloroethene	20	19.9	ug/Kg	100	4		83	122	20
	1,2-Dichloropropane	20	20.6	ug/Kg	103	1		83	122	20
	Bromodichloromethane	20	20.4	ug/Kg	102	2		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		70	135	20
	Toluene	20	20.3	ug/Kg	102	4		83	122	20
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102	0		78	124	20
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103	1		81	122	20
	1,1,2-Trichloroethane	20	21.3	ug/Kg	106	2		82	125	20
	2-Hexanone	100	100	ug/Kg	100	10		66	138	20
	Dibromochloromethane	20	20.1	ug/Kg	101	1		79	125	20
	1,2-Dibromoethane	20	20.2	ug/Kg	101	5		80	125	20
	Tetrachloroethene	20	20.2	ug/Kg	101	1		83	125	20
	Chlorobenzene	20	21.1	ug/Kg	106	2		84	122	20
	Ethyl Benzene	20	21.3	ug/Kg	106	2		82	124	20
	m/p-Xylenes	40	43.2	ug/Kg	108	5		83	124	20
	o-Xylene	20	21.2	ug/Kg	106	2		83	123	20
	Styrene	20	22.0	ug/Kg	110	6		82	124	20
	Bromoform	20	20.9	ug/Kg	104	1		75	127	20
	Isopropylbenzene	20	20.6	ug/Kg	103	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102	0		77	127	20
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100	3		83	122	20
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104	5		84	121	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	4		83	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032325.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW1002SBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/Kg	95	3		66	134	20
	1,2,4-Trichlorobenzene	20	20.5	ug/Kg	103	3		78	127	20
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100	0		70	137	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VW1002SBL01

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab File ID: VW032323.D

Lab Sample ID: VW1002SBL01

Date Analyzed: 10/02/2025

Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025
ENV-3-6FT	Q3266-01	VW032329.D	10/02/2025
ENV-4-6FT	Q3266-02	VW032330.D	10/02/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab File ID: VW032312.D

BFB Injection Date: 10/01/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:12

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.3 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VW032313.D	10/01/2025	13:12
VSTDIC010	VSTDIC010	VW032314.D	10/01/2025	13:34
VSTDIC020	VSTDIC020	VW032315.D	10/01/2025	14:15
VSTDIC050	VSTDIC050	VW032316.D	10/01/2025	14:37
VSTDIC100	VSTDIC100	VW032317.D	10/01/2025	14:59
VSTDIC150	VSTDIC150	VW032318.D	10/01/2025	15:20

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VW032321.D
Instrument ID: MSVOA_W
GC Column: RXI-624 ID: 0.25 (mm)

Contract: CAMP02
SDG NO.: Q3266
BFB Injection Date: 10/02/2025
BFB Injection Time: 09:19
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	5.1 (7.7) 1
176	95.0 - 101.0% of mass 174	63.5 (95.3) 1
177	5.0 - 9.0% of mass 176	4.6 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032322.D	10/02/2025	10:53
VW1002SBL01	VW1002SBL01	VW032323.D	10/02/2025	11:20
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025	11:48
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025	12:10
ENV-3-6FT	Q3266-01	VW032329.D	10/02/2025	13:57
ENV-4-6FT	Q3266-02	VW032330.D	10/02/2025	14:19

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE SDG NO.: Q3266
Lab File ID: VW032322.D Date Analyzed: 10/02/2025
Instrument ID: MSVOA_W Time Analyzed: 10:53
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	303983	7.96	550095	8.85	496155	11.63
UPPER LIMIT	607966	8.459	1100190	9.349	992310	12.129
LOWER LIMIT	151992	7.459	275048	8.349	248078	11.129
EPA SAMPLE NO.						
ENV-3-6FT	180169	7.97	409718	8.86	401656	11.63
ENV-4-6FT	184689	7.97	407370	8.86	435664	11.63
VW1002SBL01	200843	7.97	433970	8.85	450698	11.63
VW1002SBS01	277189	7.97	526280	8.85	484324	11.63
VW1002SBSD01	291487	7.97	534672	8.86	467867	11.63

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CAMP02
 Lab Code: ACE SDG NO.: Q3266
 Lab File ID: VW032322.D Date Analyzed: 10/02/2025
 Instrument ID: MSVOA_W Time Analyzed: 10:53
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	241629	13.556				
UPPER LIMIT	483258	14.056				
LOWER LIMIT	120815	13.056				
EPA SAMPLE NO.						
ENV-3-6FT	185918	13.56				
ENV-4-6FT	195548	13.56				
VW1002SBL01	204423	13.56				
VW1002SBS01	242228	13.56				
VW1002SBSD01	239286	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.9		63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	53.3		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	201000	7.965			
540-36-3	1,4-Difluorobenzene	434000	8.849			
3114-55-4	Chlorobenzene-d5	451000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 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
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.7		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.1		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.3		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	26.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.7		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.3		0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.8		0.82	5.00	ug/Kg
100-42-5	Styrene	20.7		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.8		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	277000	7.965			
540-36-3	1,4-Difluorobenzene	526000	8.849			
3114-55-4	Chlorobenzene-d5	484000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	242000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 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
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.6		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.0		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.3		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.3		0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.1		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	22.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	291000	7.965			
540-36-3	1,4-Difluorobenzene	535000	8.855			
3114-55-4	Chlorobenzene-d5	468000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	239000	13.555			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3266
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 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
 () = Laboratory InHouse Limit
 A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG No.: Q3266

Instrument ID: MSVOA_W

Calibration Date(s): 10/01/2025 10/01/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 13:12 15:20

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:								
RRF005 = VW032313.D			RRF010 = VW032314.D			RRF020 = VW032315.D		
RRF050 = VW032316.D			RRF100 = VW032317.D			RRF150 = VW032318.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.347	0.343	0.345	0.264	0.284	0.299	0.314	11.5
Chloromethane	0.532	0.527	0.516	0.418	0.450	0.463	0.484	9.7
Vinyl Chloride	0.625	0.636	0.606	0.529	0.533	0.538	0.578	8.6
Bromomethane	0.483	0.472	0.435	0.382	0.391	0.386	0.425	10.6
Chloroethane	0.405	0.409	0.394	0.356	0.365	0.361	0.382	6.3
Trichlorofluoromethane	0.426	0.453	0.430	0.418	0.422	0.447	0.433	3.3
1,1,2-Trichlorotrifluoroethane	0.609	0.569	0.524	0.465	0.469	0.478	0.519	11.5
1,1-Dichloroethene	0.588	0.608	0.595	0.521	0.534	0.535	0.564	6.7
Acetone	0.235	0.230	0.209	0.183	0.174	0.181	0.202	13.1
Carbon Disulfide	1.581	1.583	1.581	1.442	1.517	1.521	1.538	3.7
Methyl tert-butyl Ether	1.087	1.161	1.150	1.069	1.094	1.099	1.110	3.3
Methyl Acetate	0.478	0.597	0.612	0.624	0.567	0.592	0.578	9.1
Methylene Chloride	1.280	1.052	0.811	0.631	0.630	0.625	0.838	32.6
trans-1,2-Dichloroethene	0.649	0.640	0.636	0.589	0.613	0.617	0.624	3.6
1,1-Dichloroethane	1.238	1.261	1.244	1.132	1.169	1.172	1.203	4.3
Cyclohexane	1.228	1.108	1.042	0.911	0.931	0.939	1.027	12.1
2-Butanone	0.271	0.293	0.286	0.262	0.262	0.277	0.275	4.6
Carbon Tetrachloride	0.446	0.441	0.427	0.403	0.434	0.429	0.430	3.5
cis-1,2-Dichloroethene	0.768	0.763	0.766	0.716	0.740	0.744	0.749	2.7
Bromochloromethane	0.566	0.588	0.583	0.547	0.553	0.557	0.566	2.9
Chloroform	1.257	1.275	1.271	1.146	1.191	1.178	1.220	4.5
1,1,1-Trichloroethane	0.906	0.910	0.896	0.816	0.835	0.822	0.864	5.1
Methylcyclohexane	0.585	0.542	0.529	0.521	0.568	0.561	0.551	4.5
Benzene	1.518	1.494	1.440	1.345	1.424	1.373	1.432	4.7
1,2-Dichloroethane	0.487	0.497	0.472	0.442	0.461	0.453	0.469	4.4
Trichloroethene	0.354	0.348	0.330	0.312	0.339	0.329	0.335	4.5
1,2-Dichloropropane	0.370	0.371	0.363	0.341	0.355	0.346	0.358	3.4
Bromodichloromethane	0.507	0.517	0.500	0.480	0.513	0.500	0.503	2.6
4-Methyl-2-Pentanone	0.289	0.325	0.318	0.312	0.314	0.317	0.313	3.9
Toluene	0.909	0.905	0.897	0.857	0.908	0.876	0.892	2.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG No.: Q3266

Instrument ID: MSVOA_W

Calibration Date(s): 10/01/2025 10/01/2025

Heated Purge: (Y/N) Y

Calibration Time(s): 13:12 15:20

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:								
RRF005 = VW032313.D			RRF010 = VW032314.D			RRF020 = VW032315.D		
RRF050 = VW032316.D			RRF100 = VW032317.D			RRF150 = VW032318.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.451	0.482	0.469	0.478	0.525	0.523	0.488	6.1
cis-1,3-Dichloropropene	0.531	0.571	0.550	0.544	0.591	0.584	0.562	4.2
1,1,2-Trichloroethane	0.304	0.307	0.295	0.280	0.293	0.285	0.294	3.6
2-Hexanone	0.202	0.225	0.226	0.219	0.223	0.228	0.220	4.4
Dibromochloromethane	0.317	0.327	0.334	0.326	0.355	0.343	0.334	4
1,2-Dibromoethane	0.286	0.295	0.288	0.278	0.285	0.287	0.287	2
Tetrachloroethene	0.327	0.325	0.299	0.278	0.287	0.279	0.299	7.3
Chlorobenzene	1.159	1.140	1.109	1.028	1.094	1.070	1.100	4.3
Ethyl Benzene	1.822	1.861	1.843	1.734	1.897	1.845	1.834	3
m/p-Xylenes	0.704	0.720	0.715	0.668	0.730	0.705	0.707	3
o-Xylene	0.632	0.665	0.653	0.637	0.701	0.678	0.661	3.9
Styrene	1.090	1.143	1.199	1.124	1.186	1.186	1.155	3.7
Bromoform	0.179	0.207	0.192	0.189	0.202	0.209	0.196	6
Isopropylbenzene	3.316	3.159	3.364	3.327	3.645	3.714	3.421	6.2
1,1,2,2-Tetrachloroethane	0.867	0.867	0.851	0.808	0.833	0.869	0.849	2.9
1,3-Dichlorobenzene	1.765	1.650	1.625	1.600	1.658	1.722	1.670	3.7
1,4-Dichlorobenzene	1.839	1.673	1.700	1.548	1.661	1.597	1.670	6
1,2-Dichlorobenzene	1.541	1.549	1.557	1.402	1.467	1.540	1.509	4.1
1,2-Dibromo-3-Chloropropane	0.146	0.144	0.150	0.146	0.147	0.160	0.149	3.8
1,2,4-Trichlorobenzene	0.956	0.842	0.865	0.833	0.938	0.997	0.905	7.5
1,2,3-Trichlorobenzene	0.893	0.818	0.839	0.810	0.864	0.895	0.853	4.3
1,2-Dichloroethane-d4	0.738	0.758	0.765	0.695	0.714	0.706	0.729	4
Dibromofluoromethane	0.331	0.335	0.327	0.306	0.331	0.311	0.324	3.8
Toluene-d8	1.182	1.204	1.166	1.193	1.231	1.194	1.195	1.8
4-Bromofluorobenzene	0.472	0.449	0.436	0.448	0.459	0.446	0.452	2.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/02/2025</u> <u>10:53</u>
Lab File ID:	<u>VW032322.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.263		-16.24	20
Chloromethane	0.484	0.416	0.1	-14.05	20
Vinyl Chloride	0.578	0.590		2.08	20
Bromomethane	0.425	0.399		-6.12	20
Chloroethane	0.382	0.375		-1.83	20
Trichlorofluoromethane	0.433	0.410		-5.31	20
1,1,2-Trichlorotrifluoroethane	0.519	0.519		0	20
1,1-Dichloroethene	0.564	0.579		2.66	20
Acetone	0.202	0.203		0.5	20
Carbon Disulfide	1.538	1.615		5.01	20
Methyl tert-butyl Ether	1.110	1.122		1.08	20
Methyl Acetate	0.578	0.504		-12.8	20
Methylene Chloride	0.838	0.727		-13.25	20
trans-1,2-Dichloroethene	0.624	0.624		0	20
1,1-Dichloroethane	1.203	1.183	0.1	-1.66	20
Cyclohexane	1.027	0.989		-3.7	20
2-Butanone	0.275	0.264		-4	20
Carbon Tetrachloride	0.430	0.455		5.81	20
cis-1,2-Dichloroethene	0.749	0.743		-0.8	20
Bromochloromethane	0.566	0.539		-4.77	20
Chloroform	1.220	1.209		-0.9	20
1,1,1-Trichloroethane	0.864	0.899		4.05	20
Methylcyclohexane	0.551	0.592		7.44	20
Benzene	1.432	1.427		-0.35	20
1,2-Dichloroethane	0.469	0.460		-1.92	20
Trichloroethene	0.335	0.327		-2.39	20
1,2-Dichloropropane	0.358	0.354		-1.12	20
Bromodichloromethane	0.503	0.515		2.39	20
4-Methyl-2-Pentanone	0.313	0.313		0	20
Toluene	0.892	0.915		2.58	20
t-1,3-Dichloropropene	0.488	0.502		2.87	20
cis-1,3-Dichloropropene	0.562	0.585		4.09	20
1,1,2-Trichloroethane	0.294	0.293		-0.34	20
2-Hexanone	0.220	0.224		1.82	20
Dibromochloromethane	0.334	0.331		-0.9	20
1,2-Dibromoethane	0.287	0.290		1.04	20
Tetrachloroethene	0.299	0.299		0	20
Chlorobenzene	1.100	1.106	0.3	0.46	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/02/2025</u> <u>10:53</u>
Lab File ID:	<u>VW032322.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.834	1.940		5.78	20
m/p-Xylenes	0.707	0.745		5.38	20
o-Xylene	0.661	0.691		4.54	20
Styrene	1.155	1.222		5.8	20
Bromoform	0.196	0.195	0.1	-0.51	20
Isopropylbenzene	3.421	3.669		7.25	20
1,1,2,2-Tetrachloroethane	0.849	0.836	0.3	-1.53	20
1,3-Dichlorobenzene	1.670	1.642		-1.68	20
1,4-Dichlorobenzene	1.670	1.643		-1.62	20
1,2-Dichlorobenzene	1.509	1.503		-0.4	20
1,2-Dibromo-3-Chloropropane	0.149	0.145		-2.68	20
1,2,4-Trichlorobenzene	0.905	0.923		1.99	20
1,2,3-Trichlorobenzene	0.853	0.891		4.45	20
1,2-Dichloroethane-d4	0.729	0.688		-5.62	20
Dibromofluoromethane	0.324	0.314		-3.09	20
Toluene-d8	1.195	1.202		0.59	20
4-Bromofluorobenzene	0.452	0.441		-2.43	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL	SVOC-TCL BNA -20	8270E	10/01/25	10/02/25	10/02/25	10/01/25
Q3266-02	ENV-4-6FT	SOIL	SVOC-TCL BNA -20	8270E	10/01/25	10/06/25	10/08/25	10/01/25

Hit Summary Sheet SW-846

SDG No.: Q3266
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-3-6FT								
Q3266-01	ENV-3-6FT	SOIL	Benzophenone	*	340.000	J 0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	Eicosyl heptafluorobutyrate	*	280.000	J 0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	n-Hexadecanoic acid	*	290.000	J 0	0	ug/Kg
Total Tics :					910.00			
Total Concentration:					910.00			
Client ID : ENV-4-6FT								
Q3266-02	ENV-4-6FT	SOIL	Benzophenone	*	210.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Hexadecanoic acid	*	390.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Tetracosanol-1	*	190.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	Tetracosane	*	130.000	J 0	0	ug/Kg
Total Tics :					920.00			
Total Concentration:					920.00			



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	U	390	820	ug/Kg
108-95-2	Phenol	55.0	U	55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.5	U	60.5	420	ug/Kg
95-57-8	2-Chlorophenol	60.7	U	60.7	420	ug/Kg
95-48-7	2-Methylphenol	74.4	U	74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.3	U	93.3	420	ug/Kg
98-86-2	Acetophenone	73.4	U	73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	200	ug/Kg
67-72-1	Hexachloroethane	43.8	U	43.8	420	ug/Kg
98-95-3	Nitrobenzene	45.5	U	45.5	420	ug/Kg
78-59-1	Isophorone	81.6	U	81.6	420	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.6	U	76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	70.4	U	70.4	420	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	420	ug/Kg
106-47-8	4-Chloroaniline	88.1	U	88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	63.0	U	63.0	420	ug/Kg
105-60-2	Caprolactam	130	U	130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71.4	U	71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	63.7	U	63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72.4	U	72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	54.2	U	54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	56.0	U	56.0	420	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	420	ug/Kg
131-11-3	Dimethylphthalate	67.4	U	67.4	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	71.9	U	71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.6	U	83.6	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	420	ug/Kg
83-32-9	Acenaphthene	53.0	U	53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	820	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	820	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	420	ug/Kg
84-66-2	Diethylphthalate	70.4	U	70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.4	U	66.4	420	ug/Kg
86-73-7	Fluorene	63.0	U	63.0	420	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.9	U	81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.2	U	69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	63.0	U	63.0	420	ug/Kg
1912-24-9	Atrazine	84.6	U	84.6	420	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	820	ug/Kg
85-01-8	Phenanthrene	52.0	U	52.0	420	ug/Kg
120-12-7	Anthracene	82.9	U	82.9	420	ug/Kg
86-74-8	Carbazole	77.6	U	77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	420	ug/Kg
206-44-0	Fluoranthene	74.6	U	74.6	420	ug/Kg
129-00-0	Pyrene	89.6	U	89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91.3	U	91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	57.2	U	57.2	420	ug/Kg
218-01-9	Chrysene	49.5	U	49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	47.3	U	47.3	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	73.4	U	73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.4	U	72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.2	U	68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.9	U	63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.7	U	63.7	420	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68.2	U	68.2	420	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	147		18 - 112	98%	SPK: 150
13127-88-3	Phenol-d6	152		15 - 107	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		18 - 107	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.4		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	116	*	10 - 105	116%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	126000	6.881
1146-65-2	Naphthalene-d8	481000	8.163
15067-26-2	Acenaphthene-d10	259000	9.922
1517-22-2	Phenanthrene-d10	433000	11.41
1719-03-5	Chrysene-d12	361000	14.051
1520-96-3	Perylene-d12	444000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J	11.9	ug/Kg
1000351-83-5	Eicosyl heptafluorobutyrate	280	J	13.9	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.4	U	25.4	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.9	U	27.9	200	ug/Kg
95-57-8	2-Chlorophenol	28.0	U	28.0	200	ug/Kg
95-48-7	2-Methylphenol	34.3	U	34.3	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.0	U	43.0	200	ug/Kg
98-86-2	Acetophenone	33.9	U	33.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	47.2	U	47.2	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.4	U	54.4	91.8	ug/Kg
67-72-1	Hexachloroethane	20.2	U	20.2	200	ug/Kg
98-95-3	Nitrobenzene	21.0	U	21.0	200	ug/Kg
78-59-1	Isophorone	37.6	U	37.6	200	ug/Kg
88-75-5	2-Nitrophenol	66.8	U	66.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	74.4	U	74.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.3	U	35.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	32.5	U	32.5	200	ug/Kg
91-20-3	Naphthalene	26.0	U	26.0	200	ug/Kg
106-47-8	4-Chloroaniline	40.6	U	40.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.0	U	29.0	200	ug/Kg
105-60-2	Caprolactam	59.8	U	59.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.9	U	32.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.4	U	29.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.7	U	22.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.4	U	33.4	200	ug/Kg
92-52-4	1,1-Biphenyl	25.0	U	25.0	200	ug/Kg
91-58-7	2-Chloronaphthalene	25.8	U	25.8	200	ug/Kg
88-74-4	2-Nitroaniline	55.2	U	55.2	200	ug/Kg
131-11-3	Dimethylphthalate	31.1	U	31.1	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.2	U	33.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.6	U	38.6	200	ug/Kg
99-09-2	3-Nitroaniline	52.8	U	52.8	200	ug/Kg
83-32-9	Acenaphthene	24.4	U	24.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.0	U	26.0	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	200	ug/Kg
84-66-2	Diethylphthalate	32.5	U	32.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.6	U	30.6	200	ug/Kg
86-73-7	Fluorene	29.0	U	29.0	200	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.8	U	37.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.9	U	31.9	200	ug/Kg
118-74-1	Hexachlorobenzene	29.0	U	29.0	200	ug/Kg
1912-24-9	Atrazine	39.0	U	39.0	200	ug/Kg
87-86-5	Pentachlorophenol	58.9	U	58.9	380	ug/Kg
85-01-8	Phenanthrene	24.0	U	24.0	200	ug/Kg
120-12-7	Anthracene	38.2	U	38.2	200	ug/Kg
86-74-8	Carbazole	35.8	U	35.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.0	U	55.0	200	ug/Kg
206-44-0	Fluoranthene	34.4	U	34.4	200	ug/Kg
129-00-0	Pyrene	41.3	U	41.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	81.9	U	81.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.1	U	42.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.4	U	26.4	200	ug/Kg
218-01-9	Chrysene	22.8	U	22.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.9	U	67.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	99.6	U	99.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.8	U	21.8	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.7	U	25.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	33.9	U	33.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.4	U	33.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.4	U	31.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.5	U	29.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.4	UQ	29.4	200	ug/Kg
123-91-1	1,4-Dioxane	51.9	U	51.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.4	U	31.4	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.3		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	84.4		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.4		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	95100	6.881			
1146-65-2	Naphthalene-d8	368000	8.163			
15067-26-2	Acenaphthene-d10	205000	9.922			
1517-22-2	Phenanthrene-d10	351000	11.41			
1719-03-5	Chrysene-d12	206000	14.057			
1520-96-3	Perylene-d12	264000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000119-61-9	Benzophenone	210	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		11.9	ug/Kg
000506-51-4	n-Tetracosanol-1	190	J		13.9	ug/Kg
000646-31-1	Tetracosane	130	J		16.0	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169953BL	PB169953BL	2-Fluorophenol	150	129	86		18	112
		Phenol-d6	150	132	88		15	107
		Nitrobenzene-d5	100	94.9	95		18	107
		2-Fluorobiphenyl	100	87.1	87		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	90.1	90		10	105
PB169953BS	PB169953BS	2-Fluorophenol	150	115	77		18	112
		Phenol-d6	150	117	78		15	107
		Nitrobenzene-d5	100	87.8	88		18	107
		2-Fluorobiphenyl	100	77.6	78		20	109
		2,4,6-Tribromophenol	150	130	87		10	116
		Terphenyl-d14	100	86.4	86		10	105
Q3266-01	ENV-3-6FT	2-Fluorophenol	150	147	98		18	112
		Phenol-d6	150	152	101		15	107
		Nitrobenzene-d5	100	107	107		18	107
		2-Fluorobiphenyl	100	91.4	91		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	116	116	*	10	105
Q3266-01MS	ENV-3-6FTMS	2-Fluorophenol	150	164	110		18	112
		Phenol-d6	150	172	115	*	15	107
		Nitrobenzene-d5	100	120	120	*	18	107
		2-Fluorobiphenyl	100	101	101		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	139	139	*	10	105
Q3266-01MSD	ENV-3-6FTMSD	2-Fluorophenol	150	153	102		18	112
		Phenol-d6	150	159	106		15	107
		Nitrobenzene-d5	100	112	112	*	18	107
		2-Fluorobiphenyl	100	95.1	95		20	109
		2,4,6-Tribromophenol	150	99.1	66		10	116
		Terphenyl-d14	100	127	127	*	10	105

Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169989BL	PB169989BL	2-Fluorophenol	150	134	90		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	78.3	78		18	107
		2-Fluorobiphenyl	100	80.7	81		20	109
		2,4,6-Tribromophenol	150	135	90		10	116
		Terphenyl-d14	100	81.6	82		10	105
PB169989BS	PB169989BS	2-Fluorophenol	150	133	88		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	74.7	75		18	107
		2-Fluorobiphenyl	100	78.4	78		20	109
		2,4,6-Tribromophenol	150	134	89		10	116
		Terphenyl-d14	100	81.0	81		10	105
Q3266-02	ENV-4-6FT	2-Fluorophenol	150	83.3	56		18	112
		Phenol-d6	150	84.4	56		15	107
		Nitrobenzene-d5	100	60.4	60		18	107
		2-Fluorobiphenyl	100	56.4	56		20	109
		2,4,6-Tribromophenol	150	78.6	52		10	116
		Terphenyl-d14	100	56.8	57		10	105
Q3289-05MS	72-11966MS	2-Fluorophenol	150	69.0	46		18	112
		Phenol-d6	150	68.5	46		15	107
		Nitrobenzene-d5	100	37.8	38		18	107
		2-Fluorobiphenyl	100	35.5	35		20	109
		2,4,6-Tribromophenol	150	64.8	43		10	116
		Terphenyl-d14	100	40.8	41		10	105
Q3289-05MSD	72-11966MSD	2-Fluorophenol	150	69.9	47		18	112
		Phenol-d6	150	69.6	46		15	107
		Nitrobenzene-d5	100	38.3	38		18	107
		2-Fluorobiphenyl	100	35.2	35		20	109
		2,4,6-Tribromophenol	150	65.8	44		10	116
		Terphenyl-d14	100	42.4	42		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3266-01MS		Client Sample ID: ENV-3-6FTMS									
Benzaldehyde	4100	0	2400	ug/Kg	59				10	171	
Phenol	4100	0	4000	ug/Kg	98				51	122	
bis(2-Chloroethyl)ether	4100	0	3800	ug/Kg	93				54	125	
2-Chlorophenol	4100	0	4000	ug/Kg	98				51	121	
2-Methylphenol	4100	0	4000	ug/Kg	98				47	125	
2,2-oxybis(1-Chloropropane)	4100	0	3200	ug/Kg	78				46	119	
Acetophenone	4100	0	4200	ug/Kg	102				55	128	
3+4-Methylphenols	4100	0	3900	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	4100	0	3900	ug/Kg	95				59	119	
Hexachloroethane	4100	0	3800	ug/Kg	93				51	116	
Nitrobenzene	4100	0	4000	ug/Kg	98				47	124	
Isophorone	4100	0	4100	ug/Kg	100				49	127	
2-Nitrophenol	4100	0	4500	ug/Kg	110				43	131	
2,4-Dimethylphenol	4100	0	4300	ug/Kg	105				63	151	
bis(2-Chloroethoxy)methane	4100	0	3800	ug/Kg	93				51	119	
2,4-Dichlorophenol	4100	0	4000	ug/Kg	98				50	122	
Naphthalene	4100	0	3800	ug/Kg	93				51	121	
4-Chloroaniline	4100	0	1300	ug/Kg	32				10	100	
Hexachlorobutadiene	4100	0	3900	ug/Kg	95				44	126	
Caprolactam	4100	0	5000	ug/Kg	122				51	134	
4-Chloro-3-methylphenol	4100	0	4300	ug/Kg	105				57	132	
2-Methylnaphthalene	4100	0	3700	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	8300	0	8700	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	4100	0	4100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	4100	0	4100	ug/Kg	100				38	135	
1,1-Biphenyl	4100	0	4100	ug/Kg	100				55	131	
2-Chloronaphthalene	4100	0	3700	ug/Kg	90				48	124	
2-Nitroaniline	4100	0	4600	ug/Kg	112				47	134	
Dimethylphthalate	4100	0	4100	ug/Kg	100				54	120	
Acenaphthylene	4100	0	4400	ug/Kg	107				57	125	
2,6-Dinitrotoluene	4100	0	5400	ug/Kg	132	*			48	127	
3-Nitroaniline	4100	0	2600	ug/Kg	63				10	112	
Acenaphthene	4100	0	4000	ug/Kg	98				70	121	
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100				10	155	
4-Nitrophenol	8300	0	8300	ug/Kg	100				10	175	
Dibenzofuran	4100	0	3900	ug/Kg	95				52	114	
2,4-Dinitrotoluene	4100	0	4800	ug/Kg	117				41	140	
Diethylphthalate	4100	0	4200	ug/Kg	102				51	119	
4-Chlorophenyl-phenylether	4100	0	4000	ug/Kg	98				48	122	
Fluorene	4100	0	4000	ug/Kg	98				53	118	
4-Nitroaniline	4100	0	4800	ug/Kg	117				29	140	
4,6-Dinitro-2-methylphenol	4100	0	5100	ug/Kg	124				10	160	
N-Nitrosodiphenylamine	4100	0	3900	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	4100	0	3800	ug/Kg	93				65	121	
Hexachlorobenzene	4100	0	3300	ug/Kg	80				67	118	
Atrazine	4100	0	4400	ug/Kg	107				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8300	0	7500	ug/Kg	90				13	153	
Phenanthrene	4100	0	3800	ug/Kg	93				52	128	
Anthracene	4100	0	3900	ug/Kg	95				62	124	
Carbazole	4100	0	3900	ug/Kg	95				59	119	
Di-n-butylphthalate	4100	0	4100	ug/Kg	100				55	125	
Fluoranthene	4100	180	3900	ug/Kg	91				44	125	
Pyrene	4100	220	5200	ug/Kg	121				37	122	
Butylbenzylphthalate	4100	0	5300	ug/Kg	129				44	135	
3,3-Dichlorobenzidine	4100	0	1900	ug/Kg	46				15	112	
Benzo(a)anthracene	4100	0	4200	ug/Kg	102				53	119	
Chrysene	4100	0	4200	ug/Kg	102				57	121	
bis(2-Ethylhexyl)phthalate	4100	0	4300	ug/Kg	105				42	169	
Di-n-octyl phthalate	4100	0	4000	ug/Kg	98				51	156	
Benzo(b)fluoranthene	4100	170	4300	ug/Kg	101				52	117	
Benzo(k)fluoranthene	4100	0	3600	ug/Kg	88				57	134	
Benzo(a)pyrene	4100	0	4300	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	4100	0	4100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	4100	0	4000	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	4100	0	4200	ug/Kg	102				24	125	
1,2,4,5-Tetrachlorobenzene	4100	0	4100	ug/Kg	100				52	134	
1,4-Dioxane	4100	0	3400	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	4100	0	4600	ug/Kg	112				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3266-01MSD		Client Sample ID: ENV-3-6FTMSD									
Benzaldehyde	4100	0	2200	ug/Kg	54		9		10	171	20
Phenol	4100	0	3700	ug/Kg	90		9		51	122	20
bis(2-Chloroethyl)ether	4100	0	3500	ug/Kg	85		9		54	125	20
2-Chlorophenol	4100	0	3600	ug/Kg	88		11		51	121	20
2-Methylphenol	4100	0	3700	ug/Kg	90		9		47	125	20
2,2-oxybis(1-Chloropropane)	4100	0	3000	ug/Kg	73		7		46	119	20
Acetophenone	4100	0	3900	ug/Kg	95		7		55	128	20
3+4-Methylphenols	4100	0	3600	ug/Kg	88		8		49	125	20
N-Nitroso-di-n-propylamine	4100	0	3600	ug/Kg	88		8		59	119	20
Hexachloroethane	4100	0	3600	ug/Kg	88		6		51	116	20
Nitrobenzene	4100	0	3700	ug/Kg	90		9		47	124	20
Isophorone	4100	0	3800	ug/Kg	93		7		49	127	20
2-Nitrophenol	4100	0	4300	ug/Kg	105		5		43	131	20
2,4-Dimethylphenol	4100	0	4000	ug/Kg	98		7		63	151	20
bis(2-Chloroethoxy)methane	4100	0	3500	ug/Kg	85		9		51	119	20
2,4-Dichlorophenol	4100	0	3800	ug/Kg	93		5		50	122	20
Naphthalene	4100	0	3500	ug/Kg	85		9		51	121	20
4-Chloroaniline	4100	0	1300	ug/Kg	32		0		10	100	20
Hexachlorobutadiene	4100	0	3700	ug/Kg	90		5		44	126	20
Caprolactam	4100	0	4600	ug/Kg	112		9		51	134	20
4-Chloro-3-methylphenol	4100	0	4000	ug/Kg	98		7		57	132	20
2-Methylnaphthalene	4100	0	3400	ug/Kg	83		8		59	123	20
Hexachlorocyclopentadiene	8300	0	8300	ug/Kg	100		5		10	175	20
2,4,6-Trichlorophenol	4100	0	3900	ug/Kg	95		5		33	141	20
2,4,5-Trichlorophenol	4100	0	3800	ug/Kg	93		7		38	135	20
1,1-Biphenyl	4100	0	3800	ug/Kg	93		7		55	131	20
2-Chloronaphthalene	4100	0	3400	ug/Kg	83		8		48	124	20
2-Nitroaniline	4100	0	4400	ug/Kg	107		5		47	134	20
Dimethylphthalate	4100	0	3900	ug/Kg	95		5		54	120	20
Acenaphthylene	4100	0	4100	ug/Kg	100		7		57	125	20
2,6-Dinitrotoluene	4100	0	5000	ug/Kg	122		8		48	127	20
3-Nitroaniline	4100	0	2500	ug/Kg	61		3		10	112	20
Acenaphthene	4100	0	3800	ug/Kg	93		5		70	121	20
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100		0		10	155	20
4-Nitrophenol	8300	0	7800	ug/Kg	94		6		10	175	20
Dibenzofuran	4100	0	3600	ug/Kg	88		8		52	114	20
2,4-Dinitrotoluene	4100	0	4500	ug/Kg	110		6		41	140	20
Diethylphthalate	4100	0	3900	ug/Kg	95		7		51	119	20
4-Chlorophenyl-phenylether	4100	0	3700	ug/Kg	90		9		48	122	20
Fluorene	4100	0	3700	ug/Kg	90		9		53	118	20
4-Nitroaniline	4100	0	4400	ug/Kg	107		9		29	140	20
4,6-Dinitro-2-methylphenol	4100	0	4800	ug/Kg	117		6		10	160	20
N-Nitrosodiphenylamine	4100	0	3600	ug/Kg	88		8		73	118	20
4-Bromophenyl-phenylether	4100	0	3500	ug/Kg	85		9		65	121	20
Hexachlorobenzene	4100	0	3100	ug/Kg	76		5		67	118	20
Atrazine	4100	0	4100	ug/Kg	100		7		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8300	0	6900	ug/Kg	83		8		13	153	20
Phenanthrene	4100	0	3600	ug/Kg	88		6		52	128	20
Anthracene	4100	0	3600	ug/Kg	88		8		62	124	20
Carbazole	4100	0	3600	ug/Kg	88		8		59	119	20
Di-n-butylphthalate	4100	0	3800	ug/Kg	93		7		55	125	20
Fluoranthene	4100	0	3500	ug/Kg	85		7		44	125	20
Pyrene	4100	0	4700	ug/Kg	115		5		37	122	20
Butylbenzylphthalate	4100	0	5000	ug/Kg	122		6		44	135	20
3,3-Dichlorobenzidine	4100	0	1700	ug/Kg	41		11		15	112	20
Benzo(a)anthracene	4100	0	3800	ug/Kg	93		9		53	119	20
Chrysene	4100	0	4000	ug/Kg	98		4		57	121	20
bis(2-Ethylhexyl)phthalate	4100	0	4000	ug/Kg	98		7		42	169	20
Di-n-octyl phthalate	4100	0	3700	ug/Kg	90		9		51	156	20
Benzo(b)fluoranthene	4100	0	4000	ug/Kg	98		3		52	117	20
Benzo(k)fluoranthene	4100	0	3500	ug/Kg	85		3		57	134	20
Benzo(a)pyrene	4100	0	4000	ug/Kg	98		7		70	142	20
Indeno(1,2,3-cd)pyrene	4100	0	3700	ug/Kg	90		11		40	129	20
Dibenz(a,h)anthracene	4100	0	3600	ug/Kg	88		11		43	123	20
Benzo(g,h,i)perylene	4100	0	3900	ug/Kg	95		7		24	125	20
1,2,4,5-Tetrachlorobenzene	4100	0	3800	ug/Kg	93		7		52	134	20
1,4-Dioxane	4100	0	3100	ug/Kg	76		9		46	112	20
2,3,4,6-Tetrachlorophenol	4100	0	4300	ug/Kg	105		6		24	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3289-05MS		Client Sample ID: 72-11966MS									
Benzaldehyde	1100	0	710	ug/Kg	65				10	171	
Phenol	1100	0	970	ug/Kg	88				51	122	
bis(2-Chloroethyl)ether	1100	0	940	ug/Kg	85				54	125	
2-Chlorophenol	1100	0	990	ug/Kg	90				51	121	
2-Methylphenol	1100	0	960	ug/Kg	87				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	820	ug/Kg	75				46	119	
Acetophenone	1100	0	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	920	ug/Kg	84				49	125	
N-Nitroso-di-n-propylamine	1100	0	860	ug/Kg	78				59	119	
Hexachloroethane	1100	0	930	ug/Kg	85				51	116	
Nitrobenzene	1100	0	950	ug/Kg	86				47	124	
Isophorone	1100	0	910	ug/Kg	83				49	127	
2-Nitrophenol	1100	0	1000	ug/Kg	91				43	131	
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86				51	119	
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91				50	122	
Naphthalene	1100	0	960	ug/Kg	87				51	121	
4-Chloroaniline	1100	0	630	ug/Kg	57				10	100	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				44	126	
Caprolactam	1100	0	890	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1100	0	960	ug/Kg	87				57	132	
2-Methylnaphthalene	1100	0	950	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73				10	175	
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				48	124	
2-Nitroaniline	1100	0	960	ug/Kg	87				47	134	
Dimethylphthalate	1100	0	950	ug/Kg	86				54	120	
Acenaphthylene	1100	0	1000	ug/Kg	91				57	125	
2,6-Dinitrotoluene	1100	0	990	ug/Kg	90				48	127	
3-Nitroaniline	1100	0	720	ug/Kg	65				10	112	
Acenaphthene	1100	0	970	ug/Kg	88				70	121	
2,4-Dinitrophenol	2200	0	1700	ug/Kg	77				10	155	
4-Nitrophenol	2200	0	1500	ug/Kg	68				10	175	
Dibenzofuran	1100	0	960	ug/Kg	87				52	114	
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91				41	140	
Diethylphthalate	1100	0	960	ug/Kg	87				51	119	
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91				48	122	
Fluorene	1100	0	980	ug/Kg	89				53	118	
4-Nitroaniline	1100	0	890	ug/Kg	81				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1000	ug/Kg	91				10	160	
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1000	ug/Kg	91				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95				13	153	
Phenanthrene	1100	0	960	ug/Kg	87				52	128	
Anthracene	1100	0	980	ug/Kg	89				62	124	
Carbazole	1100	0	990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100	0	990	ug/Kg	90				55	125	
Fluoranthene	1100	0	1000	ug/Kg	91				44	125	
Pyrene	1100	0	990	ug/Kg	90				37	122	
Butylbenzylphthalate	1100	0	990	ug/Kg	90				44	135	
3,3-Dichlorobenzidine	1100	0	770	ug/Kg	70				15	112	
Benzo(a)anthracene	1100	0	990	ug/Kg	90				53	119	
Chrysene	1100	0	990	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	980	ug/Kg	89				42	169	
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91				51	156	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				52	117	
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100	0	1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100	0	1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100	0	1000	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109				52	134	
1,4-Dioxane	1100	0	810	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3289-05MSD		Client Sample ID: 72-11966MSD									
Benzaldehyde	1100	0	720	ug/Kg	65		0		10	171	20
Phenol	1100	0	980	ug/Kg	89		1		51	122	20
bis(2-Chloroethyl)ether	1100	0	930	ug/Kg	85		0		54	125	20
2-Chlorophenol	1100	0	1000	ug/Kg	91		1		51	121	20
2-Methylphenol	1100	0	980	ug/Kg	89		2		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	830	ug/Kg	75		0		46	119	20
Acetophenone	1100	0	1100	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1100	0	930	ug/Kg	85		1		49	125	20
N-Nitroso-di-n-propylamine	1100	0	890	ug/Kg	81		4		59	119	20
Hexachloroethane	1100	0	950	ug/Kg	86		1		51	116	20
Nitrobenzene	1100	0	960	ug/Kg	87		1		47	124	20
Isophorone	1100	0	920	ug/Kg	84		1		49	127	20
2-Nitrophenol	1100	0	1100	ug/Kg	100		9		43	131	20
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91		0		63	151	20
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86		0		51	119	20
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100		9		50	122	20
Naphthalene	1100	0	960	ug/Kg	87		0		51	121	20
4-Chloroaniline	1100	0	660	ug/Kg	60		5		10	100	20
Hexachlorobutadiene	1100	0	1000	ug/Kg	91		0		44	126	20
Caprolactam	1100	0	930	ug/Kg	85		5		51	134	20
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91		4		57	132	20
2-Methylnaphthalene	1100	0	990	ug/Kg	90		5		59	123	20
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73		0		10	175	20
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100		0		33	141	20
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100		9		38	135	20
1,1-Biphenyl	1100	0	1100	ug/Kg	100		0		55	131	20
2-Chloronaphthalene	1100	0	1000	ug/Kg	91		0		48	124	20
2-Nitroaniline	1100	0	980	ug/Kg	89		2		47	134	20
Dimethylphthalate	1100	0	950	ug/Kg	86		0		54	120	20
Acenaphthylene	1100	0	990	ug/Kg	90		1		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		1		48	127	20
3-Nitroaniline	1100	0	730	ug/Kg	66		2		10	112	20
Acenaphthene	1100	0	960	ug/Kg	87		1		70	121	20
2,4-Dinitrophenol	2200	0	1800	ug/Kg	82		6		10	155	20
4-Nitrophenol	2200	0	1600	ug/Kg	73		7		10	175	20
Dibenzofuran	1100	0	960	ug/Kg	87		0		52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		41	140	20
Diethylphthalate	1100	0	970	ug/Kg	88		1		51	119	20
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91		0		48	122	20
Fluorene	1100	0	990	ug/Kg	90		1		53	118	20
4-Nitroaniline	1100	0	1000	ug/Kg	91		12		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100		9		10	160	20
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91		0		73	118	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100		0		67	118	20
Atrazine	1100	0	1100	ug/Kg	100		9		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95		0		13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91		4		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		2		62	124	20
Carbazole	1100	0	1000	ug/Kg	91		1		59	119	20
Di-n-butylphthalate	1100	0	1000	ug/Kg	91		1		55	125	20
Fluoranthene	1100	0	1000	ug/Kg	91		0		44	125	20
Pyrene	1100	0	1000	ug/Kg	91		1		37	122	20
Butylbenzylphthalate	1100	0	1000	ug/Kg	91		1		44	135	20
3,3-Dichlorobenzidine	1100	0	810	ug/Kg	74		6		15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91		1		53	119	20
Chrysene	1100	0	1000	ug/Kg	91		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1000	ug/Kg	91		2		42	169	20
Di-n-octyl phthalate	1100	0	1100	ug/Kg	100		9		51	156	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91		0		52	117	20
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91		0		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100		9		40	129	20
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100		9		43	123	20
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100		9		52	134	20
1,4-Dioxane	1100	0	810	ug/Kg	74		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100		9		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8270E</u>
Client:	<u>CDM Smith</u>	DataFile:	<u>BF143891.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169953BS	Benzaldehyde	1700	410	ug/Kg	24				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3266</u>	Analytical Method: <u>8270E</u>
Client: <u>CDM Smith</u>	DataFile: <u>BF143891.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169953BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8270E</u>
Client:	<u>CDM Smith</u>	DataFile:	<u>BP025926.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169989BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100		
	Acetophenone	1700	1600	ug/Kg	94				66	98		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1500	ug/Kg	88				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	720	ug/Kg	42				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1300	ug/Kg	76				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	990	ug/Kg	58				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128		
	4-Nitrophenol	3300	2300	ug/Kg	70				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98		
	Fluorene	1700	1500	ug/Kg	88				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99		
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3266</u>	Analytical Method: <u>8270E</u>
Client: <u>CDM Smith</u>	DataFile: <u>BP025926.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169989BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98		
	Atrazine	1700	1600	ug/Kg	94				47	152		
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Pyrene	1700	1600	ug/Kg	94				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1800	ug/Kg	106		*		53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169953BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab File ID: BF143890.D

Lab Sample ID: PB169953BL

Instrument ID: BNA_F

Date Extracted: 10/02/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/08/2025

Level: (low/med) LOW

Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169953BS	PB169953BS	BF143891.D	10/08/2025
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169989BL

Lab Name: <u>Alliance</u>	Contract: <u>CAMP02</u>
Lab Code: <u>ACE</u>	SDG NO.: <u>Q3266</u>
Lab File ID: <u>BP025925.D</u>	Lab Sample ID: <u>PB169989BL</u>
Instrument ID: <u>BNA_P</u>	Date Extracted: <u>10/06/2025</u>
Matrix: (soil/water) <u>SOIL</u>	Date Analyzed: <u>10/06/2025</u>
Level: (low/med) <u>LOW</u>	Time Analyzed: <u>16:15</u>

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169989BS	PB169989BS	BP025926.D	10/06/2025
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143790.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	81.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143791.D	09/23/2025	10:28
SSTDICC005	SSTDICC005	BF143792.D	09/23/2025	10:58
SSTDICC010	SSTDICC010	BF143793.D	09/23/2025	11:57
SSTDICC020	SSTDICC020	BF143794.D	09/23/2025	12:27
SSTDICCC040	SSTDICCC040	BF143795.D	09/23/2025	13:59
SSTDICC050	SSTDICC050	BF143796.D	09/23/2025	14:28
SSTDICC060	SSTDICC060	BF143797.D	09/23/2025	14:58
SSTDICC080	SSTDICC080	BF143798.D	09/23/2025	15:27

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143852.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/02/2025
DFTPP Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.5) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.0
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143853.D	10/02/2025	13:36
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025	19:09
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025	19:38
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025	20:07

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143874.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	78.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143886.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/08/2025
DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143887.D	10/08/2025	10:13
PB169953BL	PB169953BL	BF143890.D	10/08/2025	12:20
PB169953BS	PB169953BS	BF143891.D	10/08/2025	12:49
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025	17:07

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	79.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025923.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 14:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	78.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.8 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025924.D	10/06/2025	15:34
PB169989BL	PB169989BL	BP025925.D	10/06/2025	16:15
PB169989BS	PB169989BS	BP025926.D	10/06/2025	16:57
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025	23:10
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025	23:51

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/02/2025

Lab File ID: BF143853.D

Time Analyzed: 13:36

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	114791	6.887	408348	8.17	201182	9.92
UPPER LIMIT	229582	7.387	816696	8.669	402364	10.422
LOWER LIMIT	57395.5	6.387	204174	7.669	100591	9.422
EPA SAMPLE NO.						
01 ENV-3-6FT	126293	6.88	481036	8.16	258523	9.92
02 ENV-3-6FTMS	119401	6.89	452831	8.17	241644	9.92
03 ENV-3-6FTMSD	132113	6.89	498372	8.17	264381	9.93

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/02/2025

Lab File ID: BF143853.D

Time Analyzed: 13:36

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	313026	11.41	379221	14.057	631257	15.533
UPPER LIMIT	626052	11.91	758442	14.557	1262510	16.033
LOWER LIMIT	156513	10.91	189611	13.557	315629	15.033
EPA SAMPLE NO.						
01 ENV-3-6FT	433428	11.41	360731	14.05	444342	15.53
02 ENV-3-6FTMS	394825	11.41	306082	14.06	431989	15.53
03 ENV-3-6FTMSD	436632	11.41	345011	14.06	467433	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/08/2025

Lab File ID: BF143887.D

Time Analyzed: 10:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	125960	6.881	486402	8.17	269911	9.92
UPPER LIMIT	251920	7.381	972804	8.669	539822	10.422
LOWER LIMIT	62980	6.381	243201	7.669	134956	9.422
EPA SAMPLE NO.						
01 PB169953BL	127094	6.88	497763	8.16	273707	9.92
02 PB169953BS	137733	6.88	539635	8.16	299662	9.93
03 ENV-4-6FT	95054	6.88	368458	8.16	204631	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/08/2025

Lab File ID: BF143887.D

Time Analyzed: 10:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	472445	11.416	292935	14.063	279333	15.539
UPPER LIMIT	944890	11.916	585870	14.563	558666	16.039
LOWER LIMIT	236223	10.916	146468	13.563	139667	15.039
EPA SAMPLE NO.						
01 PB169953BL	502324	11.41	342677	14.06	291422	15.54
02 PB169953BS	525088	11.42	325733	14.06	295411	15.54
03 ENV-4-6FT	351450	11.41	205903	14.06	263892	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/06/2025

Lab File ID: BP025924.D

Time Analyzed: 15:34

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	192886	7.737	769676	10.50	505298	14.35
UPPER LIMIT	385772	8.237	1539350	11.001	1010600	14.848
LOWER LIMIT	96443	7.237	384838	10.001	252649	13.848
EPA SAMPLE NO.						
01 72-11966MS	161138	7.74	617249	10.50	391056	14.34
02 72-11966MSD	153847	7.74	597298	10.50	396048	14.34
03 PB169989BL	166902	7.74	621599	10.50	409905	14.36
04 PB169989BS	182029	7.74	705808	10.50	446200	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/06/2025

Lab File ID: BP025924.D

Time Analyzed: 15:34

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1020790	17.154	1062720	21.613	1164050	24.942
UPPER LIMIT	2041580	17.654	2125440	22.113	2328100	25.442
LOWER LIMIT	510395	16.654	531360	21.113	582025	24.442
EPA SAMPLE NO.						
01 72-11966MS	786547	17.14	846364	21.58	950988	24.92
02 72-11966MSD	796318	17.14	842677	21.58	987151	24.92
03 PB169989BL	834381	17.17	918841	21.60	970381	24.95
04 PB169989BS	872158	17.14	874721	21.59	970632	24.94

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	129		18 - 112	86%	SPK: 150
13127-88-3	Phenol-d6	132		15 - 107	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.9		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.1		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		10 - 105	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.881			
1146-65-2	Naphthalene-d8	498000	8.163			
15067-26-2	Acenaphthene-d10	274000	9.922			
1517-22-2	Phenanthrene-d10	502000	11.41			
1719-03-5	Chrysene-d12	343000	14.057			
1520-96-3	Perylene-d12	291000	15.539			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	134		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		20 - 109	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		10 - 116	90%	SPK: 150
1718-51-0	Terphenyl-d14	81.6		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.737			
1146-65-2	Naphthalene-d8	622000	10.501			
15067-26-2	Acenaphthene-d10	410000	14.36			
1517-22-2	Phenanthrene-d10	834000	17.166			
1719-03-5	Chrysene-d12	919000	21.601			
1520-96-3	Perylene-d12	970000	24.954			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	410		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3100	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115		18 - 112	77%	SPK: 150
13127-88-3	Phenol-d6	117		15 - 107	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		18 - 107	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.6		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	87%	SPK: 150
1718-51-0	Terphenyl-d14	86.4		10 - 105	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.881			
1146-65-2	Naphthalene-d8	540000	8.163			
15067-26-2	Acenaphthene-d10	300000	9.927			
1517-22-2	Phenanthrene-d10	525000	11.416			
1719-03-5	Chrysene-d12	326000	14.062			
1520-96-3	Perylene-d12	295000	15.539			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	720		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1300		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600		120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1400		27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	990		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2300		110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1400		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1400		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		18 - 112	88%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.7		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		10 - 116	89%	SPK: 150
1718-51-0	Terphenyl-d14	81.0		10 - 105	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	7.737			
1146-65-2	Naphthalene-d8	706000	10.502			
15067-26-2	Acenaphthene-d10	446000	14.348			
1517-22-2	Phenanthrene-d10	872000	17.142			
1719-03-5	Chrysene-d12	875000	21.589			
1520-96-3	Perylene-d12	971000	24.936			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2400		390	820	ug/Kg
108-95-2	Phenol	4000		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3800		60.4	420	ug/Kg
95-57-8	2-Chlorophenol	4000		60.7	420	ug/Kg
95-48-7	2-Methylphenol	4000		74.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		93.2	420	ug/Kg
98-86-2	Acetophenone	4200		73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	3900		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3900		120	200	ug/Kg
67-72-1	Hexachloroethane	3800		43.8	420	ug/Kg
98-95-3	Nitrobenzene	4000		45.5	420	ug/Kg
78-59-1	Isophorone	4100		81.6	420	ug/Kg
88-75-5	2-Nitrophenol	4500		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4300		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3800		76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	4000		70.4	420	ug/Kg
91-20-3	Naphthalene	3800		56.4	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.0	420	ug/Kg
87-68-3	Hexachlorobutadiene	3900		62.9	420	ug/Kg
105-60-2	Caprolactam	5000		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300		71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	3700		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8700	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100		49.2	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100		72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	4100		54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	3700		55.9	420	ug/Kg
88-74-4	2-Nitroaniline	4600		120	420	ug/Kg
131-11-3	Dimethylphthalate	4100		67.4	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4400		71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400		83.5	420	ug/Kg
99-09-2	3-Nitroaniline	2600		110	420	ug/Kg
83-32-9	Acenaphthene	4000		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	8300	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3900		56.4	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4800		120	420	ug/Kg
84-66-2	Diethylphthalate	4200		70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4000		66.4	420	ug/Kg
86-73-7	Fluorene	4000		62.9	420	ug/Kg
100-01-6	4-Nitroaniline	4800		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3900		81.8	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		69.1	420	ug/Kg
118-74-1	Hexachlorobenzene	3300		62.9	420	ug/Kg
1912-24-9	Atrazine	4400		84.5	420	ug/Kg
87-86-5	Pentachlorophenol	7500	E	130	820	ug/Kg
85-01-8	Phenanthrene	3800		52.0	420	ug/Kg
120-12-7	Anthracene	3900		82.8	420	ug/Kg
86-74-8	Carbazole	3900		77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	4100		120	420	ug/Kg
206-44-0	Fluoranthene	3900		74.6	420	ug/Kg
129-00-0	Pyrene	5200		89.5	420	ug/Kg
85-68-7	Butylbenzylphthalate	5300		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	4200		57.2	420	ug/Kg
218-01-9	Chrysene	4200		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300		47.2	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3600		55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	4300		73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100		72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000		68.1	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200		63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3400		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4600		68.1	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	164		18 - 112	110%	SPK: 150
13127-88-3	Phenol-d6	172	*	15 - 107	115%	SPK: 150
4165-60-0	Nitrobenzene-d5	120	*	18 - 107	120%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		20 - 109	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	139	*	10 - 105	139%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000		6.887		
1146-65-2	Naphthalene-d8	453000		8.169		
15067-26-2	Acenaphthene-d10	242000		9.922		
1517-22-2	Phenanthrene-d10	395000		11.41		
1719-03-5	Chrysene-d12	306000		14.057		
1520-96-3	Perylene-d12	432000		15.533		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	710		100	220	ug/Kg
108-95-2	Phenol	970		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	990		16.3	110	ug/Kg
95-48-7	2-Methylphenol	960		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	860		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	930		11.7	110	ug/Kg
98-95-3	Nitrobenzene	950		12.2	110	ug/Kg
78-59-1	Isophorone	910		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1000		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	630		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	890		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	960		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	720		30.7	110	ug/Kg
83-32-9	Acenaphthene	970		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	220	ug/Kg
100-02-7	4-Nitrophenol	1500		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	960		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	980		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	890		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		68.7	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1000		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	960		13.9	110	ug/Kg
120-12-7	Anthracene	980		22.2	110	ug/Kg
86-74-8	Carbazole	990		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	990		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	990		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	990		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		15.3	110	ug/Kg
218-01-9	Chrysene	990		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		39.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		57.9	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.0		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	68.5		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.8		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.5		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.8		10 - 116	43%	SPK: 150
1718-51-0	Terphenyl-d14	40.8		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	161000	7.737			
1146-65-2	Naphthalene-d8	617000	10.501			
15067-26-2	Acenaphthene-d10	391000	14.342			
1517-22-2	Phenanthrene-d10	787000	17.142			
1719-03-5	Chrysene-d12	846000	21.577			
1520-96-3	Perylene-d12	951000	24.918			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2200		390	820	ug/Kg
108-95-2	Phenol	3700		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3500		60.5	420	ug/Kg
95-57-8	2-Chlorophenol	3600		60.8	420	ug/Kg
95-48-7	2-Methylphenol	3700		74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000		93.4	420	ug/Kg
98-86-2	Acetophenone	3900		73.5	420	ug/Kg
65794-96-9	3+4-Methylphenols	3600		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600		120	200	ug/Kg
67-72-1	Hexachloroethane	3600		43.8	420	ug/Kg
98-95-3	Nitrobenzene	3700		45.6	420	ug/Kg
78-59-1	Isophorone	3800		81.7	420	ug/Kg
88-75-5	2-Nitrophenol	4300		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4000		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3500		76.7	420	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		70.5	420	ug/Kg
91-20-3	Naphthalene	3500		56.5	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	3700		63.0	420	ug/Kg
105-60-2	Caprolactam	4600		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000		71.5	420	ug/Kg
91-57-6	2-Methylnaphthalene	3400		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8300	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900		49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800		72.5	420	ug/Kg
92-52-4	1,1-Biphenyl	3800		54.3	420	ug/Kg
91-58-7	2-Chloronaphthalene	3400		56.0	420	ug/Kg
88-74-4	2-Nitroaniline	4400		120	420	ug/Kg
131-11-3	Dimethylphthalate	3900		67.5	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4100		72.0	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5000		83.7	420	ug/Kg
99-09-2	3-Nitroaniline	2500		110	420	ug/Kg
83-32-9	Acenaphthene	3800		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	7800	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3600		56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500		120	420	ug/Kg
84-66-2	Diethylphthalate	3900		70.5	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3700		66.5	420	ug/Kg
86-73-7	Fluorene	3700		63.0	420	ug/Kg
100-01-6	4-Nitroaniline	4400		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3600		81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500		69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	3100		63.0	420	ug/Kg
1912-24-9	Atrazine	4100		84.7	420	ug/Kg
87-86-5	Pentachlorophenol	6900	E	130	820	ug/Kg
85-01-8	Phenanthrene	3600		52.0	420	ug/Kg
120-12-7	Anthracene	3600		82.9	420	ug/Kg
86-74-8	Carbazole	3600		77.7	420	ug/Kg
84-74-2	Di-n-butylphthalate	3800		120	420	ug/Kg
206-44-0	Fluoranthene	3500		74.7	420	ug/Kg
129-00-0	Pyrene	4700		89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	5000		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		91.4	820	ug/Kg
56-55-3	Benzo(a)anthracene	3800		57.3	420	ug/Kg
218-01-9	Chrysene	4000		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	3700		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		47.3	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3500		55.8	420	ug/Kg
50-32-8	Benzo(a)pyrene	4000		73.5	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		72.5	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900		64.0	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3800		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3100		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300		68.2	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	153		18 - 112	102%	SPK: 150
13127-88-3	Phenol-d6	159		15 - 107	106%	SPK: 150
4165-60-0	Nitrobenzene-d5	112	*	18 - 107	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.1		20 - 109	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		10 - 116	66%	SPK: 150
1718-51-0	Terphenyl-d14	127	*	10 - 105	127%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000		6.886		
1146-65-2	Naphthalene-d8	498000		8.169		
15067-26-2	Acenaphthene-d10	264000		9.927		
1517-22-2	Phenanthrene-d10	437000		11.41		
1719-03-5	Chrysene-d12	345000		14.057		
1520-96-3	Perylene-d12	467000		15.533		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		100	220	ug/Kg
108-95-2	Phenol	980		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		16.3	110	ug/Kg
95-48-7	2-Methylphenol	980		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	930		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	890		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	950		11.7	110	ug/Kg
98-95-3	Nitrobenzene	960		12.2	110	ug/Kg
78-59-1	Isophorone	920		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	660		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	930		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	980		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	990		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	730		30.7	110	ug/Kg
83-32-9	Acenaphthene	960		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		150	220	ug/Kg
100-02-7	4-Nitrophenol	1600		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	970		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	990		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		68.6	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1100		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	1000		13.9	110	ug/Kg
120-12-7	Anthracene	1000		22.2	110	ug/Kg
86-74-8	Carbazole	1000		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	1000		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.3	110	ug/Kg
218-01-9	Chrysene	1000		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		39.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		57.8	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.9		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	69.6		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.3		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.2		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.8		10 - 116	44%	SPK: 150
1718-51-0	Terphenyl-d14	42.4		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.737			
1146-65-2	Naphthalene-d8	597000	10.502			
15067-26-2	Acenaphthene-d10	396000	14.342			
1517-22-2	Phenanthrene-d10	796000	17.136			
1719-03-5	Chrysene-d12	843000	21.577			
1520-96-3	Perylene-d12	987000	24.918			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Sep 24 05:00:00 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143791.D 5 =BF143792.D 10 =BF143793.D 20 =BF143794.D 40 =BF143795.D 50 =BF143796.D 60 =BF143797.D 80 =BF143798.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.594	0.575	0.598	0.640	0.558	0.582	0.577	0.589	4.40
3) Pyridine		1.585	1.522	1.624	1.724	1.535	1.603	1.541	1.590	4.40
4) n-Nitrosodimet...			0.744	0.812	0.851	0.775	0.818	0.785	0.797	4.71
5) S 2-Fluorophenol			1.258	1.326	1.329	1.156	1.193	1.124	1.231	7.08
6) Aniline		2.283	2.120	2.158	2.145	1.940	1.978	1.826	2.064	7.55
7) S Phenol-d6			1.507	1.530	1.523	1.336	1.371	1.267	1.422	7.90
8) 2-Chlorophenol		1.304	1.254	1.329	1.335	1.209	1.244	1.146	1.260	5.45
9) Benzaldehyde			1.066	0.952	1.467	1.327	1.538	1.123	1.246	18.81
10) C Phenol		1.762	1.708	1.737	1.748	1.534	1.622	1.463	1.653	7.07
11) bis(2-Chloroet...		1.387	1.321	1.347	1.367	1.223	1.270	1.156	1.296	6.47
12) 1,3-Dichlorobe...		1.622	1.493	1.556	1.544	1.345	1.385	1.297	1.463	8.34
13) C 1,4-Dichlorobe...		1.634	1.496	1.549	1.537	1.339	1.380	1.287	1.460	8.68
14) 1,2-Dichlorobe...		1.558	1.407	1.465	1.449	1.277	1.309	1.215	1.383	8.73
15) Benzyl Alcohol			1.022	1.074	1.088	1.004	1.042	0.936	1.028	5.32
16) 2,2'-oxybis(1-...		3.320	3.136	3.224	3.231	2.896	2.966	2.738	3.073	6.87
17) 2-Methylphenol		1.033	0.990	1.009	1.021	0.938	0.959	0.880	0.976	5.52
18) Hexachloroethane		0.555	0.512	0.543	0.543	0.482	0.493	0.468	0.514	6.60
19) P n-Nitroso-di-n...	1.078	0.991	0.932	0.926	0.914	0.842	0.869	0.764	0.915	10.34
20) 3+4-Methylphenols			1.292	1.256	1.274	1.137	1.147	1.023	1.188	8.78

21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.500	0.466	0.468	0.463	0.401	0.404	0.373	0.439	10.54
23) S Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.330	0.308	0.327	5.40
24) Nitrobenzene		0.362	0.354	0.369	0.389	0.357	0.361	0.342	0.362	3.96
25) Isophorone		0.667	0.636	0.649	0.673	0.624	0.634	0.575	0.637	5.11
26) C 2-Nitrophenol		0.089	0.104	0.125	0.148	0.150	0.156	0.150	0.132	20.10
27) 2,4-Dimethylph...		0.292	0.280	0.291	0.303	0.280	0.286	0.261	0.285	4.65
28) bis(2-Chloroet...		0.455	0.430	0.430	0.437	0.393	0.392	0.360	0.414	8.03
29) C 2,4-Dichloroph...		0.277	0.286	0.288	0.298	0.273	0.278	0.260	0.280	4.37
30) 1,2,4-Trichlor...		0.314	0.288	0.304	0.309	0.275	0.279	0.264	0.291	6.52
31) Naphthalene		1.058	1.021	1.020	1.003	0.887	0.888	0.826	0.957	9.26
32) Benzoic acid			0.124	0.091	0.140	0.148	0.159	0.161	0.137	19.26
33) 4-Chloroaniline		0.360	0.347	0.353	0.355	0.323	0.323	0.295	0.336	7.04
34) C Hexachlorobuta...		0.227	0.219	0.223	0.233	0.206	0.210	0.199	0.217	5.64
35) Caprolactam			0.066	0.069	0.075	0.074	0.076	0.070	0.072	5.47
36) C 4-Chloro-3-met...		0.271	0.260	0.271	0.276	0.261	0.262	0.238	0.263	4.81
37) 2-Methylnaphth...		0.685	0.650	0.643	0.635	0.568	0.572	0.521	0.611	9.49
38) 1-Methylnaphth...		0.656	0.618	0.610	0.612	0.550	0.550	0.496	0.584	9.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.657	0.634	0.636	0.628	0.559	0.562	0.549	0.604	7.43	
41) P	Hexachlorocycl...		0.336	0.371	0.418	0.382	0.401	0.387	0.383	7.32	
42) S	2,4,6-Tribromo...		0.303	0.324	0.328	0.281	0.275	0.266	0.296	8.83	
43) C	2,4,6-Trichlor...	0.344	0.358	0.386	0.422	0.379	0.392	0.365	0.378	6.71	
44)	2,4,5-Trichlor...	0.371	0.391	0.419	0.423	0.380	0.402	0.381	0.395	5.09	
45) S	2-Fluorobiphenyl		1.476	1.460	1.351	1.154	1.153	1.096	1.282	13.12	
46)	1,1'-Biphenyl	1.608	1.541	1.564	1.495	1.331	1.326	1.269	1.448	9.37	
47)	2-Chloronaphth...	1.283	1.223	1.243	1.215	1.077	1.080	1.036	1.165	8.38	
48)	2-Nitroaniline	0.241	0.305	0.355	0.400	0.380	0.400	0.386	0.352	16.77	
49)	Acenaphthylene	1.729	1.659	1.700	1.691	1.499	1.513	1.440	1.604	7.27	
50)	Dimethylphthalate	1.275	1.233	1.252	1.286	1.173	1.191	1.122	1.219	4.87	
51)	2,6-Dinitrotol...	0.138	0.161	0.198	0.228	0.224	0.231	0.221	0.200	18.41	
52) C	Acenaphthene	1.134	1.121	1.123	1.109	0.974	0.976	0.953	1.056	7.87	
53)	3-Nitroaniline	0.171	0.210	0.245	0.283	0.259	0.267	0.264	0.243	16.09	
54) P	2,4-Dinitrophenol		0.052	0.040	0.063	0.066	0.076	0.084	0.064	25.20	
55)	Dibenzofuran	1.649	1.551	1.590	1.561	1.377	1.392	1.329	1.493	8.32	
56) P	4-Nitrophenol		0.197	0.169	0.208	0.193	0.197	0.210	0.196	7.39	
57)	2,4-Dinitrotol...	0.151	0.210	0.254	0.307	0.295	0.308	0.300	0.261	23.18	
58)	Fluorene	1.275	1.210	1.190	1.147	1.005	0.986	0.956	1.110	11.33	
59)	2,3,4,6-Tetrac...	0.272	0.309	0.349	0.373	0.355	0.361	0.352	0.339	10.45	
60)	Diethylphthalate	1.158	1.170	1.174	1.211	1.100	1.109	1.066	1.141	4.44	
61)	4-Chlorophenyl...	0.621	0.592	0.601	0.590	0.528	0.524	0.504	0.566	8.09	
62)	4-Nitroaniline	0.162	0.204	0.228	0.264	0.242	0.243	0.255	0.228	15.32	
63)	Azobenzene	1.260	1.221	1.246	1.279	1.148	1.163	1.101	1.203	5.49	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.045	0.047	0.070	0.074	0.083	0.084	0.067	25.99	
66) c	n-Nitrosodiphe...	0.707	0.675	0.688	0.682	0.621	0.637	0.594	0.658	6.27	
67)	4-Bromophenyl-...	0.344	0.333	0.349	0.361	0.334	0.342	0.324	0.341	3.52	
68)	Hexachlorobenzene	0.492	0.470	0.488	0.492	0.447	0.461	0.437	0.470	4.80	
69)	Atrazine	0.178	0.191	0.198	0.211	0.186	0.187	0.183	0.190	5.63	
70) C	Pentachlorophenol		0.180	0.216	0.256	0.239	0.254	0.259	0.234	13.17	
71)	Phenanthrene	1.145	1.066	1.071	1.082	0.948	0.954	0.921	1.027	8.27	
72)	Anthracene	1.096	1.069	1.088	1.083	0.965	0.963	0.945	1.030	6.65	
73)	Carbazole	0.916	0.931	0.949	0.976	0.839	0.846	0.847	0.901	6.23	
74)	Di-n-butylphth...	0.940	1.008	1.075	1.157	1.019	1.019	1.031	1.036	6.45	
75) C	Fluoranthene	1.019	1.046	1.099	1.144	0.953	0.956	1.012	1.033	6.83	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.438	0.444	0.511	0.571	0.553	0.407	0.487	13.78	
78)	Pyrene	1.038	0.982	0.991	1.005	0.990	1.011	0.867	0.983	5.54	
79) S	Terphenyl-d14		1.044	1.013	1.022	0.981	0.989	0.852	0.983	6.95	
80)	Butylbenzylpht...	0.251	0.298	0.335	0.391	0.367	0.381	0.358	0.340	14.74	
81)	Benzo(a)anthra...	1.109	1.081	1.083	1.148	1.040	1.065	0.995	1.074	4.55	
82)	3,3'-Dichlorob...		0.426	0.465	0.497	0.459	0.480	0.466	0.465	5.06	
83)	Chrysene	1.041	0.985	0.996	1.018	0.909	0.941	0.916	0.972	5.25	
84)	Bis(2-ethylhex...	0.428	0.477	0.514	0.558	0.505	0.516	0.492	0.499	8.01	
85) c	Di-n-octyl pht...		0.767	0.877	1.013	0.902	0.937	0.930	0.905	9.00	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.483	1.426	1.580	1.608	1.509	1.548	1.468	1.517	4.26
88)	Benzo(b)fluora...	0.987	1.004	1.029	1.104	1.002	1.002	1.000	1.018	3.91
89)	Benzo(k)fluora...	1.061	1.004	1.079	1.089	0.996	1.029	0.905	1.023	6.18
90) C	Benzo(a)pyrene	0.928	0.920	0.989	1.027	0.949	0.971	0.918	0.957	4.25
91)	Dibenzo(a,h)an...	1.207	1.187	1.302	1.332	1.237	1.257	1.166	1.241	4.87
92)	Benzo(g,h,i)pe...	1.134	1.116	1.234	1.279	1.200	1.244	1.168	1.196	5.01

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 06 15:29:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF143882.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96	
3) Pyridine	1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74	
4) n-Nitrosodimet...	0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81		
5) S 2-Fluorophenol	1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15	
6) Aniline	2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58	
7) S Phenol-d6	1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62	
8) 2-Chlorophenol	1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90	
9) Benzaldehyde	1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18		
10) C Phenol	1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33	
11) bis(2-Chloroet...	1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25	
12) 1,3-Dichlorobe...	1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64	
13) C 1,4-Dichlorobe...	1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88	
14) 1,2-Dichlorobe...	1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06	
15) Benzyl Alcohol	1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79		
16) 2,2'-oxybis(1-...	3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79	
17) 2-Methylphenol	1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10	
18) Hexachloroethane	0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39	
19) P n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20) 3+4-Methylphenols	1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58		

21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67	
23) S Nitrobenzene-d5	0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19	
24) Nitrobenzene	0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26	
25) Isophorone	0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04	
26) C 2-Nitrophenol	0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39	
27) 2,4-Dimethylph...	0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08	
28) bis(2-Chloroet...	0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79	
29) C 2,4-Dichloroph...	0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54	
30) 1,2,4-Trichlor...	0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57	
31) Naphthalene	1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06	
32) Benzoic acid	0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95		
33) 4-Chloroaniline	0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20	
34) C Hexachlorobuta...	0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11	
35) Caprolactam	0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59		
36) C 4-Chloro-3-met...	0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27	
37) 2-Methylnaphth...	0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46	
38) 1-Methylnaphth...	0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38	
41) P	Hexachlorocycl...	0.182	0.216	0.257	0.246	0.240	0.235	0.229		11.77	
42) S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51	
43) C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07	
44)	2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34	
45) S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04	
46)	1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77	
47)	2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50	
48)	2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43	
49)	Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11	
50)	Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29	
51)	2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13	
52) C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21	
53)	3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59	
54) P	2,4-Dinitrophenol	0.061	0.094	0.120	0.143	0.144	0.146	0.118		29.25	
55)	Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13	
56) P	4-Nitrophenol	0.173	0.215	0.234	0.230	0.228	0.230	0.218		10.55	
57)	2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30	
58)	Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21	
59)	2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49	
60)	Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62	
61)	4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43	
62)	4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25	
63)	Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.065	0.092	0.111	0.112	0.114	0.110	0.101		19.26	
66) c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22	
67)	4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74	
68)	Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59	
69)	Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44	
70) C	Pentachlorophenol	0.117	0.152	0.157	0.154	0.154	0.147	0.147		10.10	
71)	Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94	
72)	Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43	
73)	Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10	
74)	Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76	
75) C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.701	0.719	0.761	0.651	0.640		0.694		7.16	
78)	Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87	
79) S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70	
80)	Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31	
81)	Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49	
82)	3,3'-Dichlorob...	0.364	0.403	0.440	0.401	0.404	0.381	0.399		6.41	
83)	Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41	
84)	Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70	
85) c	Di-n-octyl pht...	0.837	1.009	1.194	1.108	1.151	1.133	1.072		12.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97	
88)	Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63	
89)	Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11	
90) C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17	
91)	Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89	
92)	Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08	

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02	
3) Pyridine	1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23	
4) n-Nitrosodimet...	0.639	0.715	0.721	0.680	0.652	0.648	0.676	0.676	5.26	
5) S 2-Fluorophenol	1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19	
6) Aniline	1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42	
7) S Phenol-d6	1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33	
8) 2-Chlorophenol	1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28	
9) Benzaldehyde	1.037	0.748	0.875	1.207	1.077	0.981	0.987	0.987	16.23	
10) C Phenol	1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59	
11) bis(2-Chloroet...	1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20	
12) 1,3-Dichlorobe...	1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87	
13) C 1,4-Dichlorobe...	1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63	
14) 1,2-Dichlorobe...	1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64	
15) Benzyl Alcohol	1.092	1.425	1.510	1.411	1.350	1.380	1.361	1.361	10.49	
16) 2,2'-oxybis(1-...	2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47	
17) 2-Methylphenol	0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72	
18) Hexachloroethane	0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18	
19) P n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	11.29	
20) 3+4-Methylphenols	1.352	1.721	1.819	1.693	1.625	1.633	1.640	1.640	9.62	
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19	
23) S Nitrobenzene-d5	0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43	
24) Nitrobenzene	0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15	
25) Isophorone	0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76	
26) C 2-Nitrophenol	0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86	
27) 2,4-Dimethylph...	0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24	
28) bis(2-Chloroet...	0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83	
29) C 2,4-Dichloroph...	0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66	
30) 1,2,4-Trichlor...	0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60	
31) Naphthalene	1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41	
32) Benzoic acid	0.170	0.214	0.261	0.253	0.257	0.259	0.236	0.236	15.62	
33) 4-Chloroaniline	0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27	
34) C Hexachlorobuta...	0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97	
35) Caprolactam	0.105	0.127	0.132	0.123	0.120	0.123	0.123	0.122	7.52	
36) C 4-Chloro-3-met...	0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72	
37) 2-Methylnaphth...	0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47	
38) 1-Methylnaphth...	0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41) P	Hexachlorocycl...	0.225	0.326	0.380	0.351	0.347	0.351	0.330		16.40
42) S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43) C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)	2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45) S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)	1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)	2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)	2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)	Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)	Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)	2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52) C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)	3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54) P	2,4-Dinitrophenol	0.108	0.173	0.209	0.201	0.201	0.209	0.183		21.35
55)	Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56) P	4-Nitrophenol	0.148	0.255	0.307	0.273	0.280	0.288	0.258		22.01
57)	2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)	Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)	2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)	Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)	4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)	4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)	Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.093	0.135	0.151	0.143	0.137	0.139	0.133		15.14
66) c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)	4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)	Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)	Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70) C	Pentachlorophenol	0.132	0.168	0.179	0.167	0.161	0.163	0.162		9.85
71)	Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)	Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)	Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)	Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75) C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.523	0.537	0.653	0.631	0.578	0.536	0.576		9.47
78)	Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79) S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)	Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)	Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)	3,3'-Dichlorob...	0.425	0.499	0.518	0.488	0.468	0.442	0.473		7.45
83)	Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)	Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85) c	Di-n-octyl pht...	1.315	1.604	1.670	1.531	1.513	1.504	1.523		7.87

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99	
88)	Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45	
89)	Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51	
90) C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45	
91)	Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79	
92)	Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20	

(#) = Out of Range

2,4-Dinitrophenol

Response Ratio

6

A

B

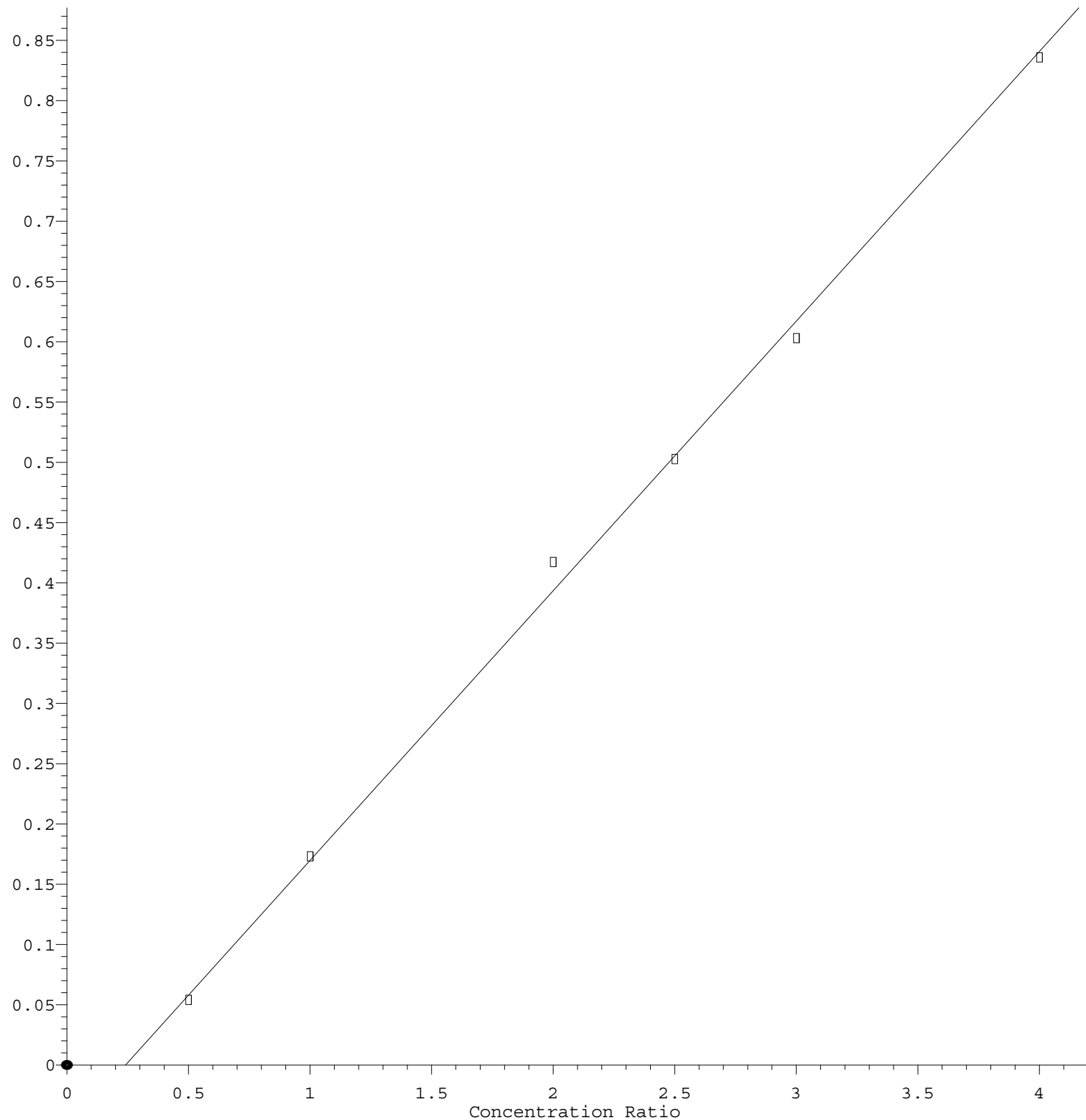
C

D

E

F

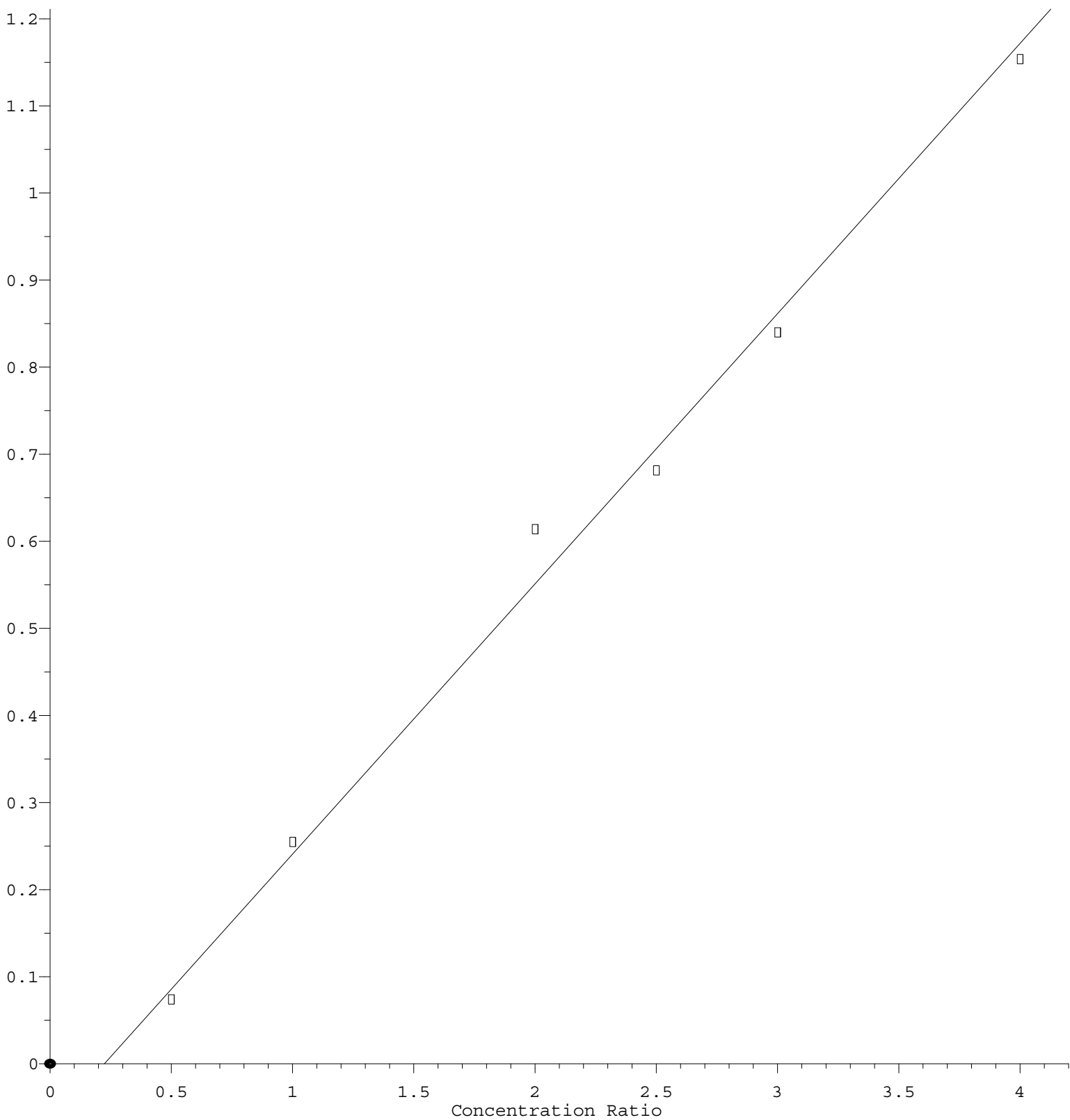
G



Response = 2.238e-001 * Amt - 5.399e-002
 Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\812205191225.M
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

4-Nitrophenol

Response Ratio



6

A

B

C

D

E

F

G

Response = 3.103e-001 * Amt - 6.955e-002
 Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8123061424
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/02/2025 13:36</u>
Lab File ID:	<u>BF143853.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:28 15:27</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.304		5.9	
Benzaldehyde	1.246	1.169		-6.2	
Phenol-d6	1.422	1.462		2.8	
Phenol	1.653	1.799		8.8	20.0
bis(2-Chloroethyl)ether	1.296	1.295		-0.1	
2-Chlorophenol	1.260	1.317		4.5	
2-Methylphenol	0.976	1.002		2.7	
2,2-oxybis(1-Chloropropane)	3.073	2.464		-19.8	
Acetophenone	0.439	0.440		0.2	
3+4-Methylphenols	1.185	1.233		4.0	
n-Nitroso-di-n-propylamine	0.915	0.846	0.050	-7.5	
Nitrobenzene-d5	0.327	0.349		6.7	
Hexachloroethane	0.514	0.522		1.6	
Nitrobenzene	0.362	0.377		4.1	
Isophorone	0.637	0.637		0.0	
2-Nitrophenol	0.132	0.175		32.6	20.0
2,4-Dimethylphenol	0.285	0.293		2.8	
bis(2-Chloroethoxy)methane	0.414	0.412		-0.5	
2,4-Dichlorophenol	0.280	0.306		9.3	20.0
Naphthalene	0.957	0.982		2.6	
4-Chloroaniline	0.336	0.356		6.0	
Hexachlorobutadiene	0.217	0.242		11.5	20.0
Caprolactam	0.072	0.077		6.9	
4-Chloro-3-methylphenol	0.263	0.277		5.3	20.0
2-Methylnaphthalene	0.611	0.634		3.8	
Hexachlorocyclopentadiene	0.383	0.366	0.050	-4.4	
2,4,6-Trichlorophenol	0.378	0.430		13.8	20.0
2-Fluorobiphenyl	1.282	1.374		7.2	
2,4,5-Trichlorophenol	0.395	0.447		13.2	
1,1-Biphenyl	1.448	1.497		3.4	
2-Chloronaphthalene	1.165	1.227		5.3	
2-Nitroaniline	0.352	0.411		16.8	
Dimethylphthalate	1.219	1.263		3.6	
Acenaphthylene	1.604	1.675		4.4	
2,6-Dinitrotoluene	0.200	0.248		24.0	
3-Nitroaniline	0.243	0.290		19.3	
Acenaphthene	1.056	1.107		4.8	20.0
2,4-Dinitrophenol	0.064	0.082	0.050	28.1	
4-Nitrophenol	0.196	0.191	0.050	-2.6	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/02/2025 13:36</u>
Lab File ID:	<u>BF143853.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:28 15:27</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.493	1.565		4.8	
2,4-Dinitrotoluene	0.261	0.333		27.6	
Diethylphthalate	1.141	1.171		2.6	
4-Chlorophenyl-phenylether	0.566	0.620		9.5	
Fluorene	1.110	1.166		5.0	
4-Nitroaniline	0.228	0.266		16.7	
4,6-Dinitro-2-methylphenol	0.067	0.087		29.9	
n-Nitrosodiphenylamine	0.658	0.683		3.8	20.0
2,4,6-Tribromophenol	0.296	0.461		55.7	
4-Bromophenyl-phenylether	0.341	0.413		21.1	
Hexachlorobenzene	0.470	0.626		33.2	
Atrazine	0.190	0.198		4.2	
Pentachlorophenol	0.234	0.296		26.5	20.0
Phenanthrene	1.027	1.070		4.2	
Anthracene	1.030	1.071		4.0	
Carbazole	0.901	0.933		3.6	
Di-n-butylphthalate	1.036	1.033		-0.3	
Fluoranthene	1.033	1.102		6.7	20.0
Pyrene	0.983	0.951		-3.3	
Terphenyl-d14	0.983	1.048		6.6	
Butylbenzylphthalate	0.340	0.333		-2.1	
3,3-Dichlorobenzidine	0.465	0.532		14.4	
Benzo (a) anthracene	1.074	1.085		1.0	
Chrysene	0.972	1.025		5.5	
Bis (2-ethylhexyl) phthalate	0.499	0.451		-9.6	
Di-n-octyl phthalate	0.905	0.841		-7.1	20.0
Benzo (b) fluoranthene	1.019	1.082		6.3	
Benzo (k) fluoranthene	1.023	0.967		-5.5	
Benzo (a) pyrene	0.957	0.989		3.3	20.0
Indeno (1,2,3-cd) pyrene	1.517	1.758		15.9	
Dibenzo (a,h) anthracene	1.241	1.457		17.4	
Benzo (g,h,i) perylene	1.196	1.390		16.2	
1,2,4,5-Tetrachlorobenzene	0.604	0.676		11.9	
1,4-Dioxane	0.589	0.616		4.6	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.417		23.0	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/08/2025 10:13</u>
Lab File ID:	<u>BF143887.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.370		8.8	
Benzaldehyde	1.158	1.366		18.0	
Phenol-d6	1.501	1.603		6.8	
Phenol	1.795	2.034		13.3	20.0
bis(2-Chloroethyl)ether	1.386	1.486		7.2	
2-Chlorophenol	1.231	1.334		8.4	
2-Methylphenol	1.017	1.097		7.9	
2,2-oxybis(1-Chloropropane)	3.156	3.374		6.9	
Acetophenone	0.423	0.443		4.7	
3+4-Methylphenols	1.179	1.286		9.1	
n-Nitroso-di-n-propylamine	1.028	1.050	0.050	2.1	
Nitrobenzene-d5	0.329	0.359		9.1	
Hexachloroethane	0.485	0.525		8.2	
Nitrobenzene	0.366	0.402		9.8	
Isophorone	0.694	0.729		5.0	
2-Nitrophenol	0.157	0.171		8.9	20.0
2,4-Dimethylphenol	0.282	0.311		10.3	
bis(2-Chloroethoxy)methane	0.438	0.454		3.7	
2,4-Dichlorophenol	0.294	0.312		6.1	20.0
Naphthalene	0.910	0.956		5.1	
4-Chloroaniline	0.341	0.360		5.6	
Hexachlorobutadiene	0.201	0.216		7.5	20.0
Caprolactam	0.093	0.102		9.7	
4-Chloro-3-methylphenol	0.282	0.302		7.1	20.0
2-Methylnaphthalene	0.606	0.626		3.3	
Hexachlorocyclopentadiene	0.229	0.244	0.050	6.6	
2,4,6-Trichlorophenol	0.404	0.428		5.9	20.0
2-Fluorobiphenyl	1.260	1.197		-5.0	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.324	1.365		3.1	
2-Chloronaphthalene	1.104	1.147		3.9	
2-Nitroaniline	0.349	0.394		12.9	
Dimethylphthalate	1.270	1.326		4.4	
Acenaphthylene	1.552	1.636		5.4	
2,6-Dinitrotoluene	0.236	0.266		12.7	
3-Nitroaniline	0.288	0.320		11.1	
Acenaphthene	1.017	1.047		3.0	20.0
2,4-Dinitrophenol	0.118	0.115	0.050	-2.5	
4-Nitrophenol	0.218	0.245	0.050	12.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/08/2025 10:13</u>
Lab File ID:	<u>BF143887.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.486		3.5	
2,4-Dinitrotoluene	0.320	0.367		14.7	
Diethylphthalate	1.180	1.260		6.8	
4-Chlorophenyl-phenylether	0.573	0.587		2.4	
Fluorene	1.083	1.100		1.6	
4-Nitroaniline	0.277	0.308		11.2	
4,6-Dinitro-2-methylphenol	0.101	0.104		3.0	
n-Nitrosodiphenylamine	0.628	0.645		2.7	20.0
2,4,6-Tribromophenol	0.199	0.213		7.0	
4-Bromophenyl-phenylether	0.221	0.221		0.0	
Hexachlorobenzene	0.256	0.262		2.3	
Atrazine	0.190	0.196		3.2	
Pentachlorophenol	0.147	0.152		3.4	20.0
Phenanthrene	0.970	0.981		1.1	
Anthracene	0.980	1.010		3.1	
Carbazole	0.868	0.895		3.1	
Di-n-butylphthalate	1.005	1.079		7.4	
Fluoranthene	1.002	1.052		5.0	20.0
Pyrene	1.667	1.756		5.3	
Terphenyl-d14	1.170	1.254		7.2	
Butylbenzylphthalate	0.542	0.605		11.6	
3,3-Dichlorobenzidine	0.399	0.417		4.5	
Benzo (a) anthracene	1.309	1.342		2.5	
Chrysene	1.211	1.288		6.4	
Bis (2-ethylhexyl) phthalate	0.653	0.714		9.3	
Di-n-octyl phthalate	1.072	1.129		5.3	20.0
Benzo (b) fluoranthene	1.149	1.192		3.7	
Benzo (k) fluoranthene	1.063	1.203		13.2	
Benzo (a) pyrene	0.996	1.095		9.9	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.337		9.1	
Dibenzo (a,h) anthracene	0.986	1.080		9.5	
Benzo (g,h,i) perylene	0.986	1.074		8.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.6	
1,4-Dioxane	0.583	0.664		13.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.328		8.6	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/06/2025 15:34</u>
Lab File ID:	<u>BP025924.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.259		1.5	
Benzaldehyde	0.987	1.230		24.6	
Phenol-d6	1.648	1.630		-1.1	
Phenol	1.737	1.761		1.4	20.0
bis(2-Chloroethyl)ether	1.396	1.398		0.1	
2-Chlorophenol	1.360	1.410		3.7	
2-Methylphenol	1.171	1.171		0.0	
2,2-oxybis(1-Chloropropane)	2.283	2.036		-10.8	
Acetophenone	0.534	0.535		0.2	
3+4-Methylphenols	1.640	1.594		-2.8	
n-Nitroso-di-n-propylamine	1.149	1.084	0.050	-5.7	
Nitrobenzene-d5	0.453	0.403		-11.0	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.409		0.5	
Isophorone	0.797	0.763		-4.3	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.293		-7.6	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
2,4-Dichlorophenol	0.316	0.334		5.7	20.0
Naphthalene	1.078	1.068		-0.9	
4-Chloroaniline	0.449	0.409		-8.9	
Hexachlorobutadiene	0.229	0.239		4.4	20.0
Caprolactam	0.122	0.115		-5.7	
4-Chloro-3-methylphenol	0.377	0.374		-0.8	20.0
2-Methylnaphthalene	0.693	0.761		9.8	
Hexachlorocyclopentadiene	0.330	0.311	0.050	-5.8	
2,4,6-Trichlorophenol	0.398	0.428		7.5	20.0
2-Fluorobiphenyl	1.502	1.339		-10.9	
2,4,5-Trichlorophenol	0.443	0.456		2.9	
1,1-Biphenyl	1.468	1.475		0.5	
2-Chloronaphthalene	1.156	1.164		0.7	
2-Nitroaniline	0.385	0.383		-0.5	
Dimethylphthalate	1.527	1.498		-1.9	
Acenaphthylene	1.915	1.710		-10.7	
2,6-Dinitrotoluene	0.324	0.316		-2.5	
3-Nitroaniline	0.340	0.343		0.9	
Acenaphthene	1.104	1.107		0.3	20.0
2,4-Dinitrophenol	0.183	0.180	0.050	-1.6	
4-Nitrophenol	0.258	0.275	0.050	6.6	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/06/2025 15:34</u>
Lab File ID:	<u>BP025924.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.764		-2.0	
2,4-Dinitrotoluene	0.460	0.469		2.0	
Diethylphthalate	1.549	1.510		-2.5	
4-Chlorophenyl-phenylether	0.721	0.730		1.2	
Fluorene	1.431	1.407		-1.7	
4-Nitroaniline	0.349	0.345		-1.1	
4,6-Dinitro-2-methylphenol	0.133	0.145		9.0	
n-Nitrosodiphenylamine	0.612	0.606		-1.0	20.0
2,4,6-Tribromophenol	0.249	0.265		6.4	
4-Bromophenyl-phenylether	0.220	0.235		6.8	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.229		-2.1	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.135	1.118		-1.5	
Anthracene	1.151	1.127		-2.1	
Carbazole	1.070	1.067		-0.3	
Di-n-butylphthalate	1.313	1.345		2.4	
Fluoranthene	1.361	1.348		-1.0	20.0
Pyrene	1.335	1.369		2.5	
Terphenyl-d14	1.112	1.007		-9.4	
Butylbenzylphthalate	0.585	0.589		0.7	
3,3-Dichlorobenzidine	0.473	0.454		-4.0	
Benzo (a) anthracene	1.369	1.358		-0.8	
Chrysene	1.305	1.276		-2.2	
Bis(2-ethylhexyl)phthalate	0.856	0.846		-1.2	
Di-n-octyl phthalate	1.523	1.539		1.1	20.0
Benzo (b) fluoranthene	1.223	1.227		0.3	
Benzo (k) fluoranthene	1.248	1.243		-0.4	
Benzo (a) pyrene	1.198	1.158		-3.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.470		1.1	
Dibenzo (a,h) anthracene	1.190	1.204		1.2	
Benzo (g,h,i) perylene	1.171	1.151		-1.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.641		5.8	
1,4-Dioxane	0.520	0.491		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.395		-1.0	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	

Hit Summary Sheet
SW-846

SDG No.: Q3266

Order ID: Q3266

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-4-6FT								
Q3266-02	ENV-4-6FT	SOIL	4,4-DDE	0.85	J	0.16	2.00	ug/kg
Q3266-02	ENV-4-6FT	SOIL	Endrin	0.50	J	0.16	2.00	ug/kg
Q3266-02	ENV-4-6FT	SOIL	4,4-DDT	1.20	JP	0.16	2.00	ug/kg
Total Concentration:				2.550				

A

B

C

D

E

F

G

H



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097501.D	1	10/02/25 09:36	10/02/25 15:09	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.16	U	0.16	2.10	ug/kg
319-85-7	beta-BHC	0.22	U	0.22	2.10	ug/kg
319-86-8	delta-BHC	0.49	U	0.49	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.10	ug/kg
76-44-8	Heptachlor	0.15	U	0.15	2.10	ug/kg
309-00-2	Aldrin	0.15	U	0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	2.10	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.10	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.10	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.10	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.10	ug/kg
33213-65-9	Endosulfan II	0.36	U	0.36	2.10	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	0.16	U	0.16	2.10	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.10	ug/kg
72-43-5	Methoxychlor	0.46	U	0.46	2.10	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	0.46	U	0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	0.15	U	0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.0		20 - 144	80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.7		19 - 148	58%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097501.D	1	10/02/25 09:36	10/02/25 15:09	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097502.D	1	10/02/25 09:36	10/02/25 15:23	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.45	U	0.45	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.16	U	0.16	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.16	U	0.16	2.00	ug/kg
60-57-1	Dieldrin	0.16	U	0.16	2.00	ug/kg
72-55-9	4,4-DDE	0.85	J	0.16	2.00	ug/kg
72-20-8	Endrin	0.50	J	0.16	2.00	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	2.00	ug/kg
72-54-8	4,4-DDD	0.17	U	0.17	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	1.20	JP	0.16	2.00	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.17	U	0.17	2.00	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	37.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	11.7		20 - 144	58%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.3		19 - 148	61%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097502.D	1	10/02/25 09:36	10/02/25 15:23	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q3266**

Client: **CDM Smith**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097493.D	PIBLK-PL097493.D	Decachlorobiphen	1	20	25.7	128		57	171
		Tetrachloro-m-xyl	1	20	21.2	106		61	148
		Decachlorobiphen	2	20	21.5	107		57	171
		Tetrachloro-m-xyl	2	20	22.4	112		61	148
PB169952BL	PB169952BL	Decachlorobiphen	1	20	25.5	128		20	144
		Tetrachloro-m-xyl	1	20	21.7	109		19	148
		Decachlorobiphen	2	20	21.6	108		20	144
		Tetrachloro-m-xyl	2	20	19.8	99		19	148
PB169952BS	PB169952BS	Decachlorobiphen	1	20	23.9	119		20	144
		Tetrachloro-m-xyl	1	20	20.3	102		19	148
		Decachlorobiphen	2	20	21.0	105		20	144
		Tetrachloro-m-xyl	2	20	19.1	96		19	148
Q3266-01	ENV-3-6FT	Decachlorobiphen	1	20	16.0	80		20	144
		Tetrachloro-m-xyl	1	20	11.7	58		19	148
		Decachlorobiphen	2	20	8.08	40		20	144
		Tetrachloro-m-xyl	2	20	11.1	55		19	148
Q3266-02	ENV-4-6FT	Decachlorobiphen	1	20	11.7	58		20	144
		Tetrachloro-m-xyl	1	20	12.3	61		19	148
		Decachlorobiphen	2	20	9.81	49		20	144
		Tetrachloro-m-xyl	2	20	11.7	58		19	148
Q3266-01MS	ENV-3-6FTMS	Decachlorobiphen	1	20	9.59	48		20	144
		Tetrachloro-m-xyl	1	20	11.9	59		19	148
		Decachlorobiphen	2	20	8.93	45		20	144
		Tetrachloro-m-xyl	2	20	12.0	60		19	148
Q3266-01MSD	ENV-3-6FTMSD	Decachlorobiphen	1	20	10.5	52		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	9.08	45		20	144
		Tetrachloro-m-xyl	2	20	11.6	58		19	148
I.BLK-PL097505.D	PIBLK-PL097505.D	Decachlorobiphen	1	20	24.9	124		57	171
		Tetrachloro-m-xyl	1	20	21.2	106		61	148
		Decachlorobiphen	2	20	21.5	107		57	171
		Tetrachloro-m-xyl	2	20	20.1	101		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q3266	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PL097503.D

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High	
Lab Sample ID:	Q3266-01MS	Client Sample ID:		ENV-3-6FTMS								
	(Column 1)											
	alpha-BHC	20.71	0	13.9	ug/kg	67				60	144	
	beta-BHC	20.71	0	14.0	ug/kg	68				54	143	
	delta-BHC	20.71	0	14.3	ug/kg	69				29	151	
	gamma-BHC (Lindane)	20.71	0	13.8	ug/kg	67				61	140	
	Heptachlor	20.71	0	13.1	ug/kg	63				63	135	
	Aldrin	20.71	0	13.6	ug/kg	66				49	139	
	Heptachlor epoxide	20.71	0	14.1	ug/kg	68				41	156	
	Endosulfan I	20.71	0	14.2	ug/kg	69				56	142	
	Dieldrin	20.71	0	14.2	ug/kg	69				47	161	
	4,4'-DDE	20.71	0.85	14.8	ug/kg	67				55	136	
	Endrin	20.71	0.34	14.1	ug/kg	66				57	139	
	Endosulfan II	20.71	0	13.9	ug/kg	67				40	163	
	4,4'-DDD	20.71	0	16.3	ug/kg	79				47	163	
	Endosulfan sulfate	20.71	0	15.3	ug/kg	74				62	139	
	4,4'-DDT	20.71	0.75	12.8	ug/kg	56				51	146	
	Methoxychlor	20.71	0	12.8	ug/kg	62				54	136	
	Endrin ketone	20.71	0	15.5	ug/kg	75				60	129	
	Endrin aldehyde	20.71	0	16.1	ug/kg	78				59	132	
	alpha-Chlordane	20.71	0	13.9	ug/kg	67				39	166	
	gamma-Chlordane	20.71	0	14.4	ug/kg	70				44	175	
Lab Sample ID:	Q3266-01MS	Client Sample ID:		ENV-3-6FTMS								
	(Column 2)											
	alpha-BHC	20.71	0	13.2	ug/kg	64				60	144	
	beta-BHC	20.71	0	12.5	ug/kg	60				54	143	
	delta-BHC	20.71	0	12.9	ug/kg	62				29	151	
	gamma-BHC (Lindane)	20.71	0	13.0	ug/kg	63				61	140	
	Heptachlor	20.71	0	12.4	ug/kg	60	*			63	135	
	Aldrin	20.71	0	13.1	ug/kg	63				49	139	
	Heptachlor epoxide	20.71	0	13.2	ug/kg	64				41	156	
	Endosulfan I	20.71	0	12.8	ug/kg	62				56	142	
	Dieldrin	20.71	0	13.1	ug/kg	63				47	161	
	4,4'-DDE	20.71	0.61	13.1	ug/kg	63				55	136	
	Endrin	20.71	0.50	12.3	ug/kg	59				57	139	
	Endosulfan II	20.71	0	13.4	ug/kg	65				40	163	
	4,4'-DDD	20.71	0	13.5	ug/kg	65				47	163	
	Endosulfan sulfate	20.71	0	13.2	ug/kg	64				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PL097503.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
		Result	Result							High		
4,4'-DDT	20.71	1.2	11.2	ug/kg	54				51	146		
Methoxychlor	20.71	0	11.0	ug/kg	53	*			54	136		
Endrin ketone	20.71	0	13.1	ug/kg	63				60	129		
Endrin aldehyde	20.71	0	12.7	ug/kg	61				59	132		
alpha-Chlordane	20.71	0	13.0	ug/kg	63				39	166		
gamma-Chlordane	20.71	0	13.0	ug/kg	63				44	175		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q3266	Analytical Method:	8081B
Client:	CDM Smith	DataFile :	PL097504.D

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result					Qual	RPD		High		
Lab Sample ID:	Q3266-01MSD (Column 1)	Client Sample ID:		ENV-3-6FTMSD									
	alpha-BHC	20.72	0	14.0	ug/kg	68		1		60	144		20
	beta-BHC	20.72	0	14.1	ug/kg	68		0		54	143		20
	delta-BHC	20.72	0	14.1	ug/kg	68		1		29	151		20
	gamma-BHC (Lindane)	20.72	0	13.9	ug/kg	67		0		61	140		20
	Heptachlor	20.72	0	13.0	ug/kg	63		0		63	135		20
	Aldrin	20.72	0	13.7	ug/kg	66		0		49	139		20
	Heptachlor epoxide	20.72	0	14.3	ug/kg	69		1		41	156		20
	Endosulfan I	20.72	0	14.4	ug/kg	69		0		56	142		20
	Dieldrin	20.72	0	14.4	ug/kg	69		0		47	161		20
	4,4'-DDE	20.72	0.85	15.0	ug/kg	68		1		55	136		20
	Endrin	20.72	0.34	14.0	ug/kg	65		2		57	139		20
	Endosulfan II	20.72	0	13.9	ug/kg	67		0		40	163		20
	4,4'-DDD	20.72	0	16.6	ug/kg	80		1		47	163		20
	Endosulfan sulfate	20.72	0	15.4	ug/kg	74		0		62	139		20
	4,4'-DDT	20.72	0.75	13.0	ug/kg	57		2		51	146		20
	Methoxychlor	20.72	0	13.3	ug/kg	64		3		54	136		20
	Endrin ketone	20.72	0	15.9	ug/kg	77		3		60	129		20
	Endrin aldehyde	20.72	0	16.3	ug/kg	79		1		59	132		20
	alpha-Chlordane	20.72	0	14.2	ug/kg	69		3		39	166		20
	gamma-Chlordane	20.72	0	14.6	ug/kg	70		0		44	175		20
Lab Sample ID:	Q3266-01MSD (Column 2)	Client Sample ID:		ENV-3-6FTMSD									
	alpha-BHC	20.72	0	13.4	ug/kg	65		2		60	144		20
	beta-BHC	20.72	0	12.7	ug/kg	61		2		54	143		20
	delta-BHC	20.72	0	13.1	ug/kg	63		2		29	151		20
	gamma-BHC (Lindane)	20.72	0	13.3	ug/kg	64		2		61	140		20
	Heptachlor	20.72	0	12.6	ug/kg	61	*	2		63	135		20
	Aldrin	20.72	0	13.3	ug/kg	64		2		49	139		20
	Heptachlor epoxide	20.72	0	13.5	ug/kg	65		2		41	156		20
	Endosulfan I	20.72	0	13.1	ug/kg	63		2		56	142		20
	Dieldrin	20.72	0	13.4	ug/kg	65		3		47	161		20
	4,4'-DDE	20.72	0.61	13.4	ug/kg	65		3		55	136		20
	Endrin	20.72	0.50	12.6	ug/kg	61		3		57	139		20
	Endosulfan II	20.72	0	13.6	ug/kg	66		2		40	163		20
	4,4'-DDD	20.72	0	13.9	ug/kg	67		3		47	163		20
	Endosulfan sulfate	20.72	0	13.5	ug/kg	65		2		62	139		20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PL097504.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits High	RPD
		Result	Result				Qual	Low		
4,4'-DDT	20.72	1.2	11.4	ug/kg	55		2	51	146	20
Methoxychlor	20.72	0	11.6	ug/kg	56		6	54	136	20
Endrin ketone	20.72	0	13.5	ug/kg	65		3	60	129	20
Endrin aldehyde	20.72	0	13.1	ug/kg	63		3	59	132	20
alpha-Chlordane	20.72	0	13.4	ug/kg	65		3	39	166	20
gamma-Chlordane	20.72	0	13.3	ug/kg	64		2	44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3266	Analytical Method:	8081B
Client:	CDM Smith	Datafile :	PL097497.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169952BS (Column 1)	alpha-BHC	16.66	16.5	ug/kg	99				84	123		
	beta-BHC	16.66	16.2	ug/kg	97				82	123		
	delta-BHC	16.66	16.9	ug/kg	101				83	126		
	gamma-BHC (Lindane)	16.66	16.2	ug/kg	97				83	125		
	Heptachlor	16.66	15.6	ug/kg	94				83	122		
	Aldrin	16.66	17.5	ug/kg	105				82	124		
	Heptachlor epoxide	16.66	16.7	ug/kg	100				83	120		
	Endosulfan I	16.66	17.3	ug/kg	104				81	124		
	Dieldrin	16.66	17.0	ug/kg	102				85	121		
	4,4'-DDE	16.66	17.4	ug/kg	104				81	123		
	Endrin	16.66	16.8	ug/kg	101				76	130		
	Endosulfan II	16.66	16.2	ug/kg	97				80	125		
	4,4'-DDD	16.66	20.1	ug/kg	121				80	131		
	Endosulfan sulfate	16.66	18.1	ug/kg	109				81	122		
	4,4'-DDT	16.66	15.8	ug/kg	95				70	129		
	Methoxychlor	16.66	15.5	ug/kg	93				60	119		
	Endrin ketone	16.66	19.0	ug/kg	114				77	132		
	Endrin aldehyde	16.66	19.4	ug/kg	116				79	124		
	alpha-Chlordane	16.66	17.0	ug/kg	102				84	120		
	gamma-Chlordane	16.66	16.9	ug/kg	101				83	122		
PB169952BS (Column 2)	alpha-BHC	16.66	15.4	ug/kg	92				84	123		
	beta-BHC	16.66	14.3	ug/kg	86				82	123		
	delta-BHC	16.66	15.1	ug/kg	91				83	126		
	gamma-BHC (Lindane)	16.66	15.2	ug/kg	91				83	125		
	Heptachlor	16.66	14.6	ug/kg	88				83	122		
	Aldrin	16.66	15.3	ug/kg	92				82	124		
	Heptachlor epoxide	16.66	15.3	ug/kg	92				83	120		
	Endosulfan I	16.66	14.5	ug/kg	87				81	124		
	Dieldrin	16.66	15.7	ug/kg	94				85	121		
	4,4'-DDE	16.66	15.3	ug/kg	92				81	123		
	Endrin	16.66	16.2	ug/kg	97				76	130		
	Endosulfan II	16.66	15.3	ug/kg	92				80	125		
	4,4'-DDD	16.66	16.0	ug/kg	96				80	131		
	Endosulfan sulfate	16.66	15.6	ug/kg	94				81	122		
	4,4'-DDT	16.66	13.0	ug/kg	78				70	129		
	Methoxychlor	16.66	13.1	ug/kg	79				60	119		
	Endrin ketone	16.66	17.3	ug/kg	104				77	132		
	Endrin aldehyde	16.66	15.5	ug/kg	93				79	124		
	alpha-Chlordane	16.66	15.0	ug/kg	90				84	120		
	gamma-Chlordane	16.66	14.7	ug/kg	88				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169952BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169952BL

Lab File ID: PL097496.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/02/2025

Date Analyzed (1): 10/02/2025

Date Analyzed (2): 10/02/2025

Time Analyzed (1): 13:16

Time Analyzed (2): 13:16

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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
PB169952BS	PB169952BS	PL097497.D	10/02/2025	10/02/2025
ENV-3-6FT	Q3266-01	PL097501.D	10/02/2025	10/02/2025
ENV-4-6FT	Q3266-02	PL097502.D	10/02/2025	10/02/2025
ENV-3-6FTMS	Q3266-01MS	PL097503.D	10/02/2025	10/02/2025
ENV-3-6FTMSD	Q3266-01MSD	PL097504.D	10/02/2025	10/02/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BL	SDG No.:	Q3266
Lab Sample ID:	PB169952BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097496.D	1	10/02/25 09:36	10/02/25 13:16	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.5		20 - 144	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.7		19 - 148	109%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169952BL		SDG No.:	Q3266	
Lab Sample ID:	PB169952BL		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097496.D	1	10/02/25 09:36	10/02/25 13:16	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097493.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097493.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097493.D	1		10/02/25	PI100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.7		57 - 171	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.4		61 - 148	112%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097493.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097493.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097493.D	1		10/02/25	PI100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097505.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097505.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097505.D	1		10/02/25	PI100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.9		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		61 - 148	106%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PL097505.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PL097505.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097505.D	1		10/02/25	PI100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169952BS	SDG No.:	Q3266
Lab Sample ID:	PB169952BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097497.D	1	10/02/25 09:36	10/02/25 13:57	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.5		0.13	1.70	ug/kg
319-85-7	beta-BHC	16.2		0.18	1.70	ug/kg
319-86-8	delta-BHC	16.9		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.2		0.14	1.70	ug/kg
76-44-8	Heptachlor	15.6		0.12	1.70	ug/kg
309-00-2	Aldrin	17.5		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.7		0.19	1.70	ug/kg
959-98-8	Endosulfan I	17.3		0.14	1.70	ug/kg
60-57-1	Dieldrin	17.0		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.4		0.14	1.70	ug/kg
72-20-8	Endrin	16.8		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	16.2		0.29	1.70	ug/kg
72-54-8	4,4-DDD	20.1		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	18.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	15.8		0.14	1.70	ug/kg
72-43-5	Methoxychlor	15.5		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	19.0		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	19.4		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.0		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		20 - 144	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		19 - 148	102%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169952BS		SDG No.:	Q3266	
Lab Sample ID:	PB169952BS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097497.D	1	10/02/25 09:36	10/02/25 13:57	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097503.D	1	10/02/25 09:36	10/02/25 15:36	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.9		0.16	2.10	ug/kg
319-85-7	beta-BHC	14.0		0.22	2.10	ug/kg
319-86-8	delta-BHC	14.3		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	13.8		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.1		0.15	2.10	ug/kg
309-00-2	Aldrin	13.6		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	14.1		0.24	2.10	ug/kg
959-98-8	Endosulfan I	14.2		0.17	2.10	ug/kg
60-57-1	Dieldrin	14.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	14.8		0.17	2.10	ug/kg
72-20-8	Endrin	14.1		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	13.9		0.36	2.10	ug/kg
72-54-8	4,4-DDD	16.3		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.3		0.16	2.10	ug/kg
50-29-3	4,4-DDT	12.8		0.17	2.10	ug/kg
72-43-5	Methoxychlor	12.8		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	15.5		0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	16.1		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	13.9		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	14.4		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.59		20 - 144	48%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.0		19 - 148	60%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097503.D	1	10/02/25 09:36	10/02/25 15:36	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097504.D	1	10/02/25 09:36	10/02/25 15:50	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	14.0		0.16	2.10	ug/kg
319-85-7	beta-BHC	14.1		0.22	2.10	ug/kg
319-86-8	delta-BHC	14.1		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	13.9		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.0		0.15	2.10	ug/kg
309-00-2	Aldrin	13.7		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	14.3		0.24	2.10	ug/kg
959-98-8	Endosulfan I	14.4		0.17	2.10	ug/kg
60-57-1	Dieldrin	14.4		0.17	2.10	ug/kg
72-55-9	4,4-DDE	15.0		0.17	2.10	ug/kg
72-20-8	Endrin	14.0		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	13.9		0.36	2.10	ug/kg
72-54-8	4,4-DDD	16.6		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.4		0.16	2.10	ug/kg
50-29-3	4,4-DDT	13.0		0.17	2.10	ug/kg
72-43-5	Methoxychlor	13.3		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	15.9		0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	16.3		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	14.2		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	14.6		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.5		20 - 144	52%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097504.D	1	10/02/25 09:36	10/02/25 15:50	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

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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



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
		Calibration Times:	<u>17:06</u> <u>18:00</u>

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

LAB FILE ID:	RT 100 = <u>PL097271.D</u>	RT 075 = <u>PL097272.D</u>
RT 050 = <u>PL097273.D</u>	RT 025 = <u>PL097274.D</u>	RT 005 = <u>PL097275.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
4,4'-DDE	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.98	3.98	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
delta-BHC	4.74	4.74	4.74	4.74	4.73	4.73	4.63	4.83
Dieldrin	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.75	6.75	6.75	6.75	6.74	6.75	6.65	6.85
Endosulfan sulfate	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.88	6.87	6.88	6.87	6.87	6.77	6.97
Endrin ketone	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.53	3.53	3.53	3.53	3.53	3.53	3.43	3.63

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
		Calibration Times:	<u>17:06</u> <u>18:00</u>

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

LAB FILE ID:	RT 100 = <u>PL097271.D</u>	RT 075 = <u>PL097272.D</u>
RT 050 = <u>PL097273.D</u>	RT 025 = <u>PL097274.D</u>	RT 005 = <u>PL097275.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.96	3.86	4.06
Decachlorobiphenyl	7.98	7.99	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	6.00	6.00	6.00	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.05	5.05	5.05	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.68	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID:		CF 100 =	<u>PL097271.D</u>	CF 075 =	<u>PL097272.D</u>		
CF 050 =		<u>PL097273.D</u>	CF 025 =	<u>PL097274.D</u>	CF 005 =	<u>PL097275.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
alpha-BHC	7433460000	7150430000	7020140000	6635730000	6697400000	6987430000	5
alpha-Chlordane	5728330000	5597580000	5593620000	5491270000	5988720000	5679910000	3
beta-BHC	2691590000	2641310000	2679400000	2673590000	2945030000	2726180000	5
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
delta-BHC	6408970000	6173000000	6129940000	5874830000	5754960000	6068340000	4
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Endosulfan I	5248570000	5119040000	5121050000	5001710000	5416320000	5181340000	3
Endosulfan II	4694590000	4637630000	4774680000	4729590000	5755250000	4918350000	10
Endosulfan sulfate	4084400000	3990510000	4020090000	3958010000	4360620000	4082720000	4
Endrin	4777540000	4640970000	4618310000	4356250000	4672620000	4613140000	3
Endrin aldehyde	3035530000	2997840000	3059200000	3036470000	3285020000	3082810000	4
Endrin ketone	4296460000	4191230000	4224850000	4117820000	4391400000	4244350000	2
gamma-BHC (Lindane)	6940420000	6699850000	6593990000	6320490000	6510990000	6613150000	3
gamma-Chlordane	5793040000	5651990000	5610580000	5462080000	5749930000	5653520000	2
Heptachlor	6809100000	6621120000	6608040000	6426970000	6885270000	6670100000	3
Heptachlor epoxide	5764160000	5655320000	5756800000	5829540000	5728960000	5746960000	1
Methoxychlor	2052960000	2027370000	2062620000	2055200000	2228740000	2085380000	4
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID:		CF 100 =	PL097271.D	CF 075 =	PL097272.D		
CF 050 =	PL097273.D	CF 025 =	PL097274.D	CF 005 =	PL097275.D		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
alpha-BHC	10445300000	10099800000	10014300000	9556100000	9672320000	9957580000	4
alpha-Chlordane	8274780000	8189370000	8245060000	8242520000	8550750000	8300500000	2
beta-BHC	3970220000	3899800000	3948240000	3983880000	4508040000	4062030000	6
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
delta-BHC	9586460000	9293680000	9232620000	8834360000	9014090000	9192240000	3
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Endosulfan I	7387320000	7345100000	7430480000	7454690000	8800570000	7683630000	8
Endosulfan II	6977690000	6911390000	6956920000	6938260000	7761900000	7109230000	5
Endosulfan sulfate	6664750000	6623680000	6716400000	6733120000	7510980000	6849790000	5
Endrin	7450260000	7335750000	7338920000	7289700000	8137930000	7510510000	5
Endrin aldehyde	4761890000	4756960000	4914450000	5156210000	7097510000	5337410000	19
Endrin ketone	7223190000	7153630000	7391340000	7391360000	8491940000	7530290000	7
gamma-BHC (Lindane)	9632950000	9373760000	9300450000	8991300000	9274840000	9314660000	2
gamma-Chlordane	8553830000	8490290000	8565810000	8624220000	9435120000	8733850000	5
Heptachlor	9299100000	9162550000	9216060000	9078210000	9769790000	9305140000	3
Heptachlor epoxide	7825700000	7749420000	7831840000	7763530000	8487220000	7931540000	4
Methoxychlor	3580590000	3582010000	3698660000	3768400000	4217720000	3769480000	7
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_L Date(s) Analyzed: 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.20	6.10	6.30	42075500
		2	6.60	6.50	6.70	33847100
		3	7.01	6.91	7.11	141900000
		4	7.11	7.01	7.21	105792000
		5	7.88	7.78	7.98	74166200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_L Date(s) Analyzed: 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.07	4.97	5.17	42482700
		2	5.75	5.65	5.85	54918500
		3	6.03	5.93	6.13	57955900
		4	6.67	6.57	6.77	177984000
		5	7.11	7.01	7.21	109140000

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>09:54</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.99	9.00	8.90	9.10	0.01
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.10	7.11	7.01	7.21	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.01
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>09:54</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.29	5.30	5.20	5.40	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.01
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097495.D **Time Analyzed:** 09:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.660	6.566	6.766	54.930	50.000	9.9
4,4'-DDE	6.151	6.056	6.256	50.790	50.000	1.6
4,4'-DDT	6.975	6.880	7.080	48.520	50.000	-3.0
Aldrin	5.229	5.132	5.332	47.320	50.000	-5.4
alpha-BHC	3.972	3.875	4.075	47.820	50.000	-4.4
alpha-Chlordane	5.981	5.886	6.086	48.300	50.000	-3.4
beta-BHC	4.487	4.390	4.590	47.260	50.000	-5.5
Decachlorobiphenyl	8.994	8.902	9.102	46.370	50.000	-7.3
delta-BHC	4.732	4.635	4.835	49.480	50.000	-1.0
Dieldrin	6.302	6.206	6.406	49.530	50.000	-0.9
Endosulfan I	6.028	5.934	6.134	48.640	50.000	-2.7
Endosulfan II	6.740	6.646	6.846	46.720	50.000	-6.6
Endosulfan sulfate	7.104	7.007	7.207	51.910	50.000	3.8
Endrin	6.528	6.432	6.632	50.200	50.000	0.4
Endrin aldehyde	6.869	6.774	6.974	54.440	50.000	8.9
Endrin ketone	7.582	7.487	7.687	54.700	50.000	9.4
gamma-BHC (Lindane)	4.300	4.202	4.402	47.270	50.000	-5.5
gamma-Chlordane	5.901	5.806	6.006	48.480	50.000	-3.0
Heptachlor	4.890	4.793	4.993	45.680	50.000	-8.6
Heptachlor epoxide	5.647	5.552	5.752	49.050	50.000	-1.9
Methoxychlor	7.448	7.352	7.552	46.010	50.000	-8.0
Tetrachloro-m-xylene	3.526	3.428	3.628	44.030	50.000	-11.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097495.D **Time Analyzed:** 09:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.846	5.750	5.950	48.040	50.000	-3.9
4,4'-DDE	5.294	5.197	5.397	45.540	50.000	-8.9
4,4'-DDT	6.098	6.002	6.202	40.190	50.000	-19.6
Aldrin	4.288	4.191	4.391	46.450	50.000	-7.1
alpha-BHC	3.328	3.229	3.429	47.080	50.000	-5.8
alpha-Chlordane	5.106	5.009	5.209	46.800	50.000	-6.4
beta-BHC	3.955	3.857	4.057	43.640	50.000	-12.7
Decachlorobiphenyl	7.979	7.884	8.084	41.750	50.000	-16.5
delta-BHC	4.187	4.090	4.290	45.550	50.000	-8.9
Dieldrin	5.423	5.328	5.528	47.410	50.000	-5.2
Endosulfan I	5.160	5.064	5.264	42.580	50.000	-14.8
Endosulfan II	5.991	5.895	6.095	46.500	50.000	-7.0
Endosulfan sulfate	6.392	6.296	6.496	46.530	50.000	-6.9
Endrin	5.700	5.603	5.803	53.130	50.000	6.3
Endrin aldehyde	6.169	6.073	6.273	45.750	50.000	-8.5
Endrin ketone	6.895	6.800	7.000	51.220	50.000	2.4
gamma-BHC (Lindane)	3.659	3.561	3.761	46.170	50.000	-7.7
gamma-Chlordane	5.041	4.945	5.145	46.270	50.000	-7.5
Heptachlor	4.007	3.909	4.109	44.450	50.000	-11.1
Heptachlor epoxide	4.790	4.693	4.893	46.620	50.000	-6.8
Methoxychlor	6.670	6.574	6.774	40.370	50.000	-19.3
Tetrachloro-m-xylene	2.823	2.724	2.924	41.980	50.000	-16.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Continuing Calib Date: 10/02/2025 Initial Calibration Date(s): 09/18/2025 09/18/2025

Continuing Calib Time: 16:17 Initial Calibration Time(s): 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.01
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.10	7.11	7.01	7.21	0.01
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/18/2025</u> <u>09/18/2025</u>
Continuing Calib Time:	<u>16:17</u>	Initial Calibration Time(s):	<u>17:06</u> <u>18:00</u>

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.29	5.30	5.20	5.40	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097506.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.660	6.566	6.766	56.870	50.000	13.7
4,4'-DDE	6.153	6.056	6.256	52.110	50.000	4.2
4,4'-DDT	6.976	6.880	7.080	51.160	50.000	2.3
Aldrin	5.229	5.132	5.332	48.390	50.000	-3.2
alpha-BHC	3.972	3.875	4.075	49.320	50.000	-1.4
alpha-Chlordane	5.981	5.886	6.086	49.760	50.000	-0.5
beta-BHC	4.487	4.390	4.590	48.450	50.000	-3.1
Decachlorobiphenyl	8.995	8.902	9.102	47.770	50.000	-4.5
delta-BHC	4.731	4.635	4.835	50.900	50.000	1.8
Dieldrin	6.302	6.206	6.406	51.120	50.000	2.2
Endosulfan I	6.030	5.934	6.134	51.800	50.000	3.6
Endosulfan II	6.740	6.646	6.846	48.610	50.000	-2.8
Endosulfan sulfate	7.104	7.007	7.207	53.040	50.000	6.1
Endrin	6.528	6.432	6.632	52.040	50.000	4.1
Endrin aldehyde	6.869	6.774	6.974	56.070	50.000	12.1
Endrin ketone	7.582	7.487	7.687	55.730	50.000	11.5
gamma-BHC (Lindane)	4.300	4.202	4.402	48.960	50.000	-2.1
gamma-Chlordane	5.901	5.806	6.006	50.180	50.000	0.4
Heptachlor	4.890	4.793	4.993	47.100	50.000	-5.8
Heptachlor epoxide	5.647	5.552	5.752	51.060	50.000	2.1
Methoxychlor	7.448	7.352	7.552	48.850	50.000	-2.3
Tetrachloro-m-xylene	3.525	3.428	3.628	45.090	50.000	-9.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097506.D **Time Analyzed:** 16:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.846	5.750	5.950	48.480	50.000	-3.0
4,4'-DDE	5.294	5.197	5.397	45.720	50.000	-8.6
4,4'-DDT	6.098	6.002	6.202	40.980	50.000	-18.0
Aldrin	4.289	4.191	4.391	46.840	50.000	-6.3
alpha-BHC	3.328	3.229	3.429	47.550	50.000	-4.9
alpha-Chlordane	5.106	5.009	5.209	47.090	50.000	-5.8
beta-BHC	3.955	3.857	4.057	44.210	50.000	-11.6
Decachlorobiphenyl	7.979	7.884	8.084	41.540	50.000	-16.9
delta-BHC	4.188	4.090	4.290	46.090	50.000	-7.8
Dieldrin	5.425	5.328	5.528	48.900	50.000	-2.2
Endosulfan I	5.161	5.064	5.264	42.820	50.000	-14.4
Endosulfan II	5.991	5.895	6.095	46.670	50.000	-6.7
Endosulfan sulfate	6.392	6.296	6.496	46.810	50.000	-6.4
Endrin	5.700	5.603	5.803	54.880	50.000	9.8
Endrin aldehyde	6.169	6.073	6.273	45.950	50.000	-8.1
Endrin ketone	6.896	6.800	7.000	52.660	50.000	5.3
gamma-BHC (Lindane)	3.660	3.561	3.761	46.790	50.000	-6.4
gamma-Chlordane	5.042	4.945	5.145	46.450	50.000	-7.1
Heptachlor	4.007	3.909	4.109	45.300	50.000	-9.4
Heptachlor epoxide	4.790	4.693	4.893	47.030	50.000	-5.9
Methoxychlor	6.670	6.574	6.774	41.190	50.000	-17.6
Tetrachloro-m-xylene	2.824	2.724	2.924	42.200	50.000	-15.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097494.D Date Analyzed: 10/02/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.994	8.890	9.090	20.050	20.000	0.3
Tetrachloro-m-xylene	3.525	3.470	3.580	18.210	20.000	-9.0
alpha-BHC	3.972	3.920	4.020	8.350	10.000	-16.5
beta-BHC	4.487	4.440	4.540	9.160	10.000	-8.4
gamma-BHC (Lindane)	4.299	4.250	4.350	8.600	10.000	-14.0
Endrin	6.528	6.460	6.600	43.990	50.000	-12.0
4,4'-DDT	6.975	6.900	7.050	79.620	100.000	-20.4
Methoxychlor	7.448	7.380	7.520	200.340	250.000	-19.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097494.D Date Analyzed: 10/02/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.979	7.880	8.080	17.940	20.000	-10.3
Tetrachloro-m-xylene	2.823	2.770	2.870	16.550	20.000	-17.3
alpha-BHC	3.327	3.280	3.380	7.650	10.000	-23.5
beta-BHC	3.955	3.900	4.010	8.340	10.000	-16.6
gamma-BHC (Lindane)	3.659	3.610	3.710	7.750	10.000	-22.5
Endrin	5.699	5.630	5.770	41.200	50.000	-17.6
4,4'-DDT	6.098	6.030	6.170	73.140	100.000	-26.9
Methoxychlor	6.668	6.600	6.740	164.510	250.000	-34.2

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICCC100	PSTDICCC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICCC075	PSTDICCC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICCC050	PSTDICCC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICCC025	PSTDICCC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICCC005	PSTDICCC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
LBLK	LBLK	10/02/2025	09:27	PL097493.D	9.00	3.52
PEM	PEM	10/02/2025	09:40	PL097494.D	8.99	3.53
PSTDCCC050	PSTDCCC050	10/02/2025	09:54	PL097495.D	8.99	3.53
PB169952BL	PB169952BL	10/02/2025	13:16	PL097496.D	9.00	3.52
PB169952BS	PB169952BS	10/02/2025	13:57	PL097497.D	9.00	3.53
ENV-3-6FT	Q3266-01	10/02/2025	15:09	PL097501.D	8.99	3.52
ENV-4-6FT	Q3266-02	10/02/2025	15:23	PL097502.D	8.99	3.52
ENV-3-6FTMS	Q3266-01MS	10/02/2025	15:36	PL097503.D	8.99	3.52
ENV-3-6FTMSD	Q3266-01MSD	10/02/2025	15:50	PL097504.D	9.00	3.52
LBLK	LBLK	10/02/2025	16:04	PL097505.D	8.99	3.53
PSTDCCC050	PSTDCCC050	10/02/2025	16:17	PL097506.D	9.00	3.53

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICCC100	PSTDICCC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICCC075	PSTDICCC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICCC050	PSTDICCC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICCC025	PSTDICCC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICCC005	PSTDICCC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
IBLK	IBLK	10/02/2025	09:27	PL097493.D	7.98	2.82
PEM	PEM	10/02/2025	09:40	PL097494.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/02/2025	09:54	PL097495.D	7.98	2.82
PB169952BL	PB169952BL	10/02/2025	13:16	PL097496.D	7.98	2.82
PB169952BS	PB169952BS	10/02/2025	13:57	PL097497.D	7.98	2.82
ENV-3-6FT	Q3266-01	10/02/2025	15:09	PL097501.D	7.98	2.82
ENV-4-6FT	Q3266-02	10/02/2025	15:23	PL097502.D	7.98	2.82
ENV-3-6FTMS	Q3266-01MS	10/02/2025	15:36	PL097503.D	7.98	2.82
ENV-3-6FTMSD	Q3266-01MSD	10/02/2025	15:50	PL097504.D	7.98	2.82
IBLK	IBLK	10/02/2025	16:04	PL097505.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/02/2025	16:17	PL097506.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MS

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	16.3	18.8
	2	5.85	5.80	5.90	13.5	
4,4'-DDT	1	6.98	6.93	7.03	12.8	13.3
	2	6.10	6.05	6.15	11.2	
4,4'-DDE	1	6.15	6.10	6.20	14.8	12.2
	2	5.29	5.24	5.34	13.1	
Endosulfan II	1	6.74	6.69	6.79	13.9	3.7
	2	5.99	5.94	6.04	13.4	
Endrin aldehyde	1	6.87	6.82	6.92	16.1	23.6
	2	6.17	6.12	6.22	12.7	
Endosulfan sulfate	1	7.10	7.05	7.15	15.3	14.7
	2	6.39	6.34	6.44	13.2	
Methoxychlor	1	7.45	7.40	7.50	12.8	15.1
	2	6.67	6.62	6.72	11.0	
Endrin ketone	1	7.58	7.53	7.63	15.5	16.8
	2	6.90	6.85	6.95	13.1	
alpha-BHC	1	3.97	3.92	4.02	13.9	5.2
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.8	6
	2	3.66	3.61	3.71	13.0	
Heptachlor	1	4.89	4.84	4.94	13.1	5.5
	2	4.01	3.96	4.06	12.4	
Aldrin	1	5.23	5.18	5.28	13.6	3.7
	2	4.29	4.24	4.34	13.1	
beta-BHC	1	4.49	4.44	4.54	14.0	11.3
	2	3.96	3.91	4.01	12.5	
delta-BHC	1	4.73	4.68	4.78	14.3	10.3
	2	4.19	4.14	4.24	12.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MS

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Heptachlor epoxide	1	5.65	5.60	5.70	14.1	6.6
	2	4.79	4.74	4.84	13.2	
Endosulfan I	1	6.03	5.98	6.08	14.2	10.4
	2	5.16	5.11	5.21	12.8	
gamma-Chlordane	1	5.90	5.85	5.95	14.4	10.2
	2	5.04	4.99	5.09	13.0	
alpha-Chlordane	1	5.98	5.93	6.03	13.9	6.7
	2	5.11	5.06	5.16	13.0	
Dieldrin	1	6.30	6.25	6.35	14.2	8.1
	2	5.43	5.38	5.48	13.1	
Endrin	1	6.53	6.48	6.58	14.1	13.6
	2	5.70	5.65	5.75	12.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MSD

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	16.6	17.7
	2	5.85	5.80	5.90	13.9	
4,4'-DDT	1	6.98	6.93	7.03	13.0	13.1
	2	6.10	6.05	6.15	11.4	
alpha-BHC	1	3.97	3.92	4.02	14.0	4.4
	2	3.33	3.28	3.38	13.4	
Aldrin	1	5.23	5.18	5.28	13.7	3
	2	4.29	4.24	4.34	13.3	
beta-BHC	1	4.49	4.44	4.54	14.1	10.4
	2	3.96	3.91	4.01	12.7	
delta-BHC	1	4.73	4.68	4.78	14.1	7.4
	2	4.19	4.14	4.24	13.1	
Endosulfan I	1	6.03	5.98	6.08	14.4	9.5
	2	5.16	5.11	5.21	13.1	
alpha-Chlordane	1	5.98	5.93	6.03	14.2	5.8
	2	5.11	5.06	5.16	13.4	
4,4'-DDE	1	6.15	6.10	6.20	15.0	11.3
	2	5.29	5.24	5.34	13.4	
Dieldrin	1	6.30	6.25	6.35	14.4	7.2
	2	5.42	5.37	5.47	13.4	
Endosulfan II	1	6.74	6.69	6.79	13.9	2.2
	2	5.99	5.94	6.04	13.6	
Endrin aldehyde	1	6.87	6.82	6.92	16.3	21.8
	2	6.17	6.12	6.22	13.1	
Endosulfan sulfate	1	7.10	7.05	7.15	15.4	13.1
	2	6.39	6.34	6.44	13.5	
Methoxychlor	1	7.45	7.40	7.50	13.3	13.7
	2	6.67	6.62	6.72	11.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MSD

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.58	7.53	7.63	15.9	16.3
	2	6.90	6.85	6.95	13.5	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.9	4.4
	2	3.66	3.61	3.71	13.3	
Heptachlor	1	4.89	4.84	4.94	13.0	3.1
	2	4.01	3.96	4.06	12.6	
Heptachlor epoxide	1	5.65	5.60	5.70	14.3	5.8
	2	4.79	4.74	4.84	13.5	
gamma-Chlordane	1	5.90	5.85	5.95	14.6	9.3
	2	5.04	4.99	5.09	13.3	
Endrin	1	6.53	6.48	6.58	14.0	10.5
	2	5.70	5.65	5.75	12.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-4-6FT

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-02

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	6.98	6.93	7.03	0.75	46.1
	2	6.10	6.05	6.15	1.20	
4,4'-DDE	1	6.15	6.10	6.20	0.85	33.1
	2	5.29	5.24	5.34	0.61	
Endrin	1	6.53	6.48	6.58	0.34	38.2
	2	5.71	5.66	5.76	0.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169952BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169952BS

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	20.1	22.7
	2	5.85	5.80	5.90	16.0	
4,4'-DDE	1	6.15	6.10	6.20	17.4	12.8
	2	5.29	5.24	5.34	15.3	
4,4'-DDT	1	6.98	6.93	7.03	15.8	19.4
	2	6.10	6.05	6.15	13.0	
alpha-BHC	1	3.97	3.92	4.02	16.5	6.9
	2	3.33	3.28	3.38	15.4	
Aldrin	1	5.23	5.18	5.28	17.5	13.4
	2	4.29	4.24	4.34	15.3	
alpha-Chlordane	1	5.98	5.93	6.03	17.0	12.5
	2	5.10	5.05	5.15	15.0	
Endosulfan II	1	6.74	6.69	6.79	16.2	5.7
	2	5.99	5.94	6.04	15.3	
Endosulfan sulfate	1	7.11	7.06	7.16	18.1	14.8
	2	6.39	6.34	6.44	15.6	
beta-BHC	1	4.49	4.44	4.54	16.2	12.5
	2	3.95	3.90	4.00	14.3	
delta-BHC	1	4.73	4.68	4.78	16.9	11.2
	2	4.19	4.14	4.24	15.1	
Endosulfan I	1	6.03	5.98	6.08	17.3	17.6
	2	5.16	5.11	5.21	14.5	
Dieldrin	1	6.30	6.25	6.35	17.0	8
	2	5.42	5.37	5.47	15.7	
Endrin aldehyde	1	6.87	6.82	6.92	19.4	22.3
	2	6.17	6.12	6.22	15.5	
Methoxychlor	1	7.45	7.40	7.50	15.5	16.8
	2	6.67	6.62	6.72	13.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169952BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169952BS

Date(s) Analyzed: 10/02/2025 10/02/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.59	7.54	7.64	19.0	9.4
	2	6.90	6.85	6.95	17.3	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	16.2	6.4
	2	3.66	3.61	3.71	15.2	
Heptachlor	1	4.89	4.84	4.94	15.6	6.6
	2	4.00	3.95	4.05	14.6	
Heptachlor epoxide	1	5.65	5.60	5.70	16.7	8.7
	2	4.79	4.74	4.84	15.3	
gamma-Chlordane	1	5.90	5.85	5.95	16.9	13.9
	2	5.04	4.99	5.09	14.7	
Endrin	1	6.53	6.48	6.58	16.8	3.6
	2	5.70	5.65	5.75	16.2	

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	

Hit Summary Sheet
SW-846

SDG No.: Q3266

Order ID: Q3266

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q3266-02	ENV-4-6FT ENV-4-6FT	SOIL	Aroclor-1254	18.3	J	3.70	19.5	ug/kg
Total Concentration:				18.300				



SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	80.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075548.D	1	10/02/25 10:00	10/02/25 16:01	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.2	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.2	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.2	ug/kg
12672-29-6	Aroclor-1248	7.40	U	7.40	21.2	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.2	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	21.2	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.2	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		32 - 144	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.5		32 - 175	62%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075549.D	1	10/02/25 10:00	10/02/25 16:17	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	18.3	J	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		32 - 144	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		32 - 175	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO113719.D	PIBLK-PO113719.D	Tetrachloro-m-xyl	1	20	17.0	85		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO114215.D	PIBLK-PO114215.D	Tetrachloro-m-xyl	1	20	16.5	83		60	140
		Decachlorobiphen	1	20	17.2	86		60	140
		Tetrachloro-m-xyl	2	20	15.7	79		60	140
		Decachlorobiphen	2	20	16.7	83		60	140
PB169951BL	PB169951BL	Tetrachloro-m-xyl	1	20	17.9	90		32	144
		Decachlorobiphen	1	20	18.8	94		32	175
		Tetrachloro-m-xyl	2	20	17.1	85		32	144
		Decachlorobiphen	2	20	18.2	91		32	175
PB169951BS	PB169951BS	Tetrachloro-m-xyl	1	20	18.0	90		32	144
		Decachlorobiphen	1	20	19.5	98		32	175
		Tetrachloro-m-xyl	2	20	17.1	85		32	144
		Decachlorobiphen	2	20	19.1	96		32	175
Q3262-08MS	279887MS	Tetrachloro-m-xyl	1	20	9.38	47		32	144
		Decachlorobiphen	1	20	18.9	94		32	175
		Tetrachloro-m-xyl	2	20	9.97	50		32	144
		Decachlorobiphen	2	20	19.4	97		32	175
Q3262-08MSD	279887MSD	Tetrachloro-m-xyl	1	20	9.55	48		32	144
		Decachlorobiphen	1	20	19.2	96		32	175
		Tetrachloro-m-xyl	2	20	10.3	51		32	144
		Decachlorobiphen	2	20	19.6	98		32	175
I.BLK-PO114227.D	PIBLK-PO114227.D	Tetrachloro-m-xyl	1	20	16.7	84		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	16.0	80		60	140
		Decachlorobiphen	2	20	17.5	87		60	140
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075544.D	PIBLK-PP075544.D	Tetrachloro-m-xyl	1	20	16.7	84		60	140
		Decachlorobiphen	1	20	19.5	98		60	140
		Tetrachloro-m-xyl	2	20	15.1	75		60	140
		Decachlorobiphen	2	20	21.0	105		60	140
Q3266-01	ENV-3-6FT	Tetrachloro-m-xyl	1	20	15.6	78		32	144
		Decachlorobiphen	1	20	12.5	62		32	175
		Tetrachloro-m-xyl	2	20	14.2	71		32	144
		Decachlorobiphen	2	20	12.1	61		32	175
Q3266-02	ENV-4-6FT	Tetrachloro-m-xyl	1	20	17.0	85		32	144

Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3266-02	ENV-4-6FT	Decachlorobiphen	1	20	14.8	74		32	175
		Tetrachloro-m-xyl	2	20	16.6	83		32	144
		Decachlorobiphen	2	20	15.2	76		32	175
I.BLK-PP075559.D	PIBLK-PP075559.D	Tetrachloro-m-xyl	1	20	17.5	87		60	140
		Decachlorobiphen	1	20	19.3	96		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	20.0	100		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO114219.D</u>

	Parameter	Spike	Sample		Result	Units	Rec	Rec		RPD		Limits	
			Result					Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3262-08MS	Client Sample ID:		279887MS									
	(Column 1)												
	AR1016	190.4	0	118	ug/kg	62					55	146	
	AR1260	190.4	0	119	ug/kg	63					54	119	
Lab Sample ID:	Q3262-08MS	Client Sample ID:		279887MS									
	(Column 2)												
	AR1016	190.4	0	118	ug/kg	62					55	146	
	AR1260	190.4	0	114	ug/kg	60					54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO114220.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3262-08MSD	Client Sample ID:		279887MSD							
(Column 1)											
AR1016	190.3	0	120	ug/kg	63		2		55	146	15
AR1260	190.3	0	123	ug/kg	65		3		54	119	15
Lab Sample ID:	Q3262-08MSD	Client Sample ID:		279887MSD							
(Column 2)											
AR1016	190.3	0	119	ug/kg	63		2		55	146	15
AR1260	190.3	0	117	ug/kg	61		2		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PO114217.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169951BS (Column 1)	AR1016	166.5	169	ug/kg	102				71	120	
	AR1260	166.5	178	ug/kg	107				65	130	
PB169951BS (Column 2)	AR1016	166.5	157	ug/kg	94				71	120	
	AR1260	166.5	140	ug/kg	84				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169951BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169951BL

Lab File ID: PO114216.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/02/2025

Date Analyzed (1): 10/02/2025

Date Analyzed (2): 10/02/2025

Time Analyzed (1): 16:00

Time Analyzed (2): 16:00

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
PB169951BS	PB169951BS	PO114217.D	10/02/2025	10/02/2025
279887MS	Q3262-08MS	PO114219.D	10/02/2025	10/02/2025
279887MSD	Q3262-08MSD	PO114220.D	10/02/2025	10/02/2025
ENV-3-6FT	Q3266-01	PP075548.D	10/02/2025	10/02/2025
ENV-4-6FT	Q3266-02	PP075549.D	10/02/2025	10/02/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
		Calibration Times:	<u>09:34</u> <u>19:21</u>

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

LAB FILE ID:	RT 1000 = <u>PO113720.D</u>	RT 750 = <u>PO113721.D</u>
RT 500 = <u>PO113722.D</u>	RT 250 = <u>PO113723.D</u>	RT 050 = <u>PO113724.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1016-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1260-2	(2)	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Aroclor-1260-3	(3)	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.29	7.29	7.29	7.29	7.29	7.29	7.19	7.39
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.82	4.82	4.82	4.82	4.82	4.82	4.72	4.92
Aroclor-1242-4	(4)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.75	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1248-3	(3)	5.20	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-4	(4)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1248-5	(5)	5.59	5.59	5.59	5.59	5.59	5.59	5.49	5.69
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.55	5.54	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.69	5.70	5.69	5.70	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aroclor-1254-4	(4)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-5	(5)	6.75	6.74	6.75	6.74	6.75	6.74	6.64	6.84
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.57	7.57	7.57	7.57	7.57	7.57	7.47	7.67
Aroclor-1268-2	(2)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1268-4	(4)	8.13	8.13	8.13	8.13	8.13	8.13	8.03	8.23
Aroclor-1268-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
		Calibration Times:	<u>09:34</u> <u>19:21</u>

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

LAB FILE ID:	RT 1000 = <u>PO113720.D</u>	RT 750 = <u>PO113721.D</u>
RT 500 = <u>PO113722.D</u>	RT 250 = <u>PO113723.D</u>	RT 050 = <u>PO113724.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1016-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-3	(3)	4.92	4.92	4.92	4.92	4.91	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)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1260-1	(1)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1260-2	(2)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.53	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.00	7.00	7.00	7.00	7.00	7.00	6.90	7.10
Aroclor-1260-5	(5)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Decachlorobiphenyl		8.61	8.62	8.61	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1242-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
Aroclor-1242-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-3	(3)	4.92	4.92	4.92	4.92	4.91	4.92	4.82	5.02
Aroclor-1242-4	(4)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1242-5	(5)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Decachlorobiphenyl		8.62	8.62	8.62	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1248-1	(1)	4.72	4.72	4.72	4.72	4.72	4.72	4.62	4.82
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)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1248-5	(5)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Decachlorobiphenyl		8.62	8.62	8.61	8.62	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1254-1	(1)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1254-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-3	(3)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1254-4	(4)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1254-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		8.62	8.61	8.62	8.61	8.62	8.62	8.52	8.72
Tetrachloro-m-xylene		3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75
Aroclor-1268-1	(1)	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1268-2	(2)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-3	(3)	7.80	7.79	7.79	7.79	7.79	7.79	7.69	7.89
Aroclor-1268-4	(4)	8.08	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Aroclor-1268-5	(5)	8.37	8.37	8.37	8.37	8.37	8.37	8.27	8.47

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.62	8.61	8.61	8.62	8.61	8.62	8.52	8.72
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

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

LAB FILE ID:		CF 1000 = <u>PO113720.D</u>		CF 750 = <u>PO113721.D</u>			
CF 500 = <u>PO113722.D</u>		CF 250 = <u>PO113723.D</u>		CF 050 = <u>PO113724.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485
Aroclor-1242-1	(1)	238599676	240720349	228247758	257159088	146270660	222199506
Aroclor-1242-2	(2)	362617467	360722704	342353350	393496496	221429160	336123835
Aroclor-1242-3	(3)	227891791	227998801	217213648	247566408	154288520	214991834
Aroclor-1242-4	(4)	185677557	186112447	176530238	202181048	124089440	174918146
Aroclor-1242-5	(5)	203750446	205780253	194932678	234457364	207956060	209375360
Decachlorobiphenyl		6625063440	6674671280	6788602460	7173491920	4387615000	6329888820
Tetrachloro-m-xylene		8568753780	8503816840	8003156340	9089751000	5283727200	7889841032
Aroclor-1248-1	(1)	175951880	180949771	185151304	187344088	171954220	180270253
Aroclor-1248-2	(2)	241204409	248355665	250410428	264222632	211901240	243218875
Aroclor-1248-3	(3)	311971277	319675973	325795004	350237008	314744160	324484684
Aroclor-1248-4	(4)	478786582	491838525	498712610	536762996	495510440	500322231
Aroclor-1248-5	(5)	326343326	337739332	340979574	367185960	318715000	338192638
Decachlorobiphenyl		6906923760	6991953907	7181732520	7612820120	5681727800	6875031621
Tetrachloro-m-xylene		8281619260	8465620507	8425382600	8733430400	6417874600	8064785473
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633
Aroclor-1268-1	(1)	1758947774	1709816927	1785772362	1945135008	1654311040	1770796622

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1483041115	1450283463	1507897996	1638884712	1362761360	1488573729	7
Aroclor-1268-3	(3)	1211444046	1190914560	1240719650	1354691068	1116147840	1222783433	7
Aroclor-1268-4	(4)	446305248	439383757	459862146	499372456	429000100	454784741	6
Aroclor-1268-5	(5)	3222969842	3094367483	3187698556	3417074196	2682918220	3121005659	9
Decachlorobiphenyl		13813421760	13413455987	13885344600	15047923920	11999959200	13632021093	8
Tetrachloro-m-xylene		8650489570	8416864440	8733056840	9508670200	6744065200	8410629250	12

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_O

Contract: CAMP02

SDG NO.: Q3266

Calibration Date(s): 09/15/2025 09/15/2025

Calibration Times: 09:34 19:21

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

LAB FILE ID:		CF 1000 = <u>PO113720.D</u>		CF 750 = <u>PO113721.D</u>			
CF 500 = <u>PO113722.D</u>		CF 250 = <u>PO113723.D</u>		CF 050 = <u>PO113724.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	6
Aroclor-1242-1	(1)	140070279	141394544	137879020	161129568	101738300	16
Aroclor-1242-2	(2)	212507654	216303512	209728396	243981540	153746360	16
Aroclor-1242-3	(3)	114358137	116433633	116071012	134530132	98664540	11
Aroclor-1242-4	(4)	108951291	110656661	111486918	130110352	113781160	8
Aroclor-1242-5	(5)	137204941	140225116	141656710	164146076	126006440	10
Decachlorobiphenyl		2013236400	2036818507	2055399480	2187990440	1370225400	17
Tetrachloro-m-xylene		5081963720	5070567053	4816444880	5487100000	3160127800	19
Aroclor-1248-1	(1)	104656676	109107384	112539406	121726504	98599380	8
Aroclor-1248-2	(2)	146373463	152254041	158543364	175696640	155007980	7
Aroclor-1248-3	(3)	155110693	160619584	167536538	186260212	165045720	7
Aroclor-1248-4	(4)	182007971	188031200	194979064	215245372	191166620	7
Aroclor-1248-5	(5)	185591629	190752652	199422540	222580060	215555020	8
Decachlorobiphenyl		2031704490	2074468760	2119835620	2240995600	1660075400	11
Tetrachloro-m-xylene		4917523020	5005006120	5026178760	5438510280	4106940200	10
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	9
Aroclor-1268-1	(1)	463812746	461069815	484852436	552413272	478530480	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	382551151	381395492	400241488	450975464	376701220	398372963	8
Aroclor-1268-3	(3)	309516041	307584487	322365468	361316928	330962760	326349137	7
Aroclor-1268-4	(4)	126169269	122567489	128850366	141798540	114523000	126781733	8
Aroclor-1268-5	(5)	880606144	856364473	894951184	981182000	782994000	879219560	8
Decachlorobiphenyl		3812230710	3735660987	3912512580	4347451840	3518286000	3865228423	8
Tetrachloro-m-xylene		5092073170	4970547720	5151696080	5694720080	4205757800	5022958970	11

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_O Date(s) Analyzed: 09/15/2025 09/15/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.87	3.77	3.97	96855600
		2	3.96	3.86	4.06	71896200
		3	4.03	3.93	4.13	236858000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	175075000
		2	4.52	4.42	4.62	95953000
		3	4.76	4.66	4.86	197025000
		4	4.94	4.84	5.04	98735000
		5	4.98	4.88	5.08	65259600
Aroclor-1262	500	1	6.78	6.68	6.88	992416000
		2	7.29	7.19	7.39	1584210000
		3	7.57	7.47	7.67	559174000
		4	7.63	7.53	7.73	1000210000
		5	8.13	8.03	8.23	399122000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_O Date(s) Analyzed: 09/15/2025 09/15/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	67679000
		2	3.94	3.84	4.04	50962200
		3	4.02	3.92	4.12	156597000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	118402000
		2	4.74	4.64	4.84	122831000
		3	4.91	4.81	5.01	66545800
		4	5.00	4.90	5.10	58641000
		5	5.17	5.07	5.27	61534600
Aroclor-1262	500	1	6.75	6.65	6.85	366152000
		2	7.25	7.15	7.35	456612000
		3	7.53	7.43	7.63	174199000
		4	7.59	7.49	7.69	278024000
		5	8.08	7.98	8.18	113685000

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.82	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.83	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.90	5.89	5.89	5.90	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.99	5.99	5.99	5.99	6.00	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.29	6.28	6.28	6.29	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.40	7.40	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.66	7.65	7.65	7.66	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.25	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.57	8.56	8.56	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.45	10.44	10.34	10.54
Tetrachloro-m-xylene		4.65	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.89	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.29	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.88	6.88	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.94	7.94	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.99	8.99	8.99	8.98	8.98	8.99	8.89	9.09
Aroclor-1268-3	(3)	9.23	9.23	9.23	9.23	9.22	9.23	9.13	9.33
Aroclor-1268-4	(4)	9.66	9.66	9.66	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.09	10.09	10.09	10.09	10.08	10.09	9.99	10.19

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.90	4.89	4.89	4.89	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.11	5.11	5.12	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.35	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.55	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.16	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.40	7.40	7.40	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.80	8.80	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.89	4.89	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.95	4.96	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.07	5.07	5.07	5.07	5.08	5.07	4.97	5.17
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.15	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.89	4.90	4.89	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.11	5.12	5.11	5.12	5.11	5.11	5.01	5.21
Aroclor-1248-3	(3)	5.15	5.16	5.15	5.16	5.15	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.71	5.72	5.73	5.72	5.62	5.82
Decachlorobiphenyl		8.80	8.81	8.80	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.45	6.45	6.46	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Aroclor-1268-4	(4)	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.54	8.54	8.54	8.44	8.64

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.81	8.81	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_P

Contract: CAMP02

SDG NO.: Q3266

Calibration Date(s): 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID:								
CF 1000 =		PP075247.D		CF 750 =		PP075248.D		
CF 500 =		PP075249.D		CF 250 =		PP075250.D		
CF 050 =		PP075251.D						
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780	11
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596	10
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776	18
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662	6
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309	6
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497	9
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000	13
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138	10
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161	5
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293	5
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173	6
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485	4
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704	9
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383	6
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217	16
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054	7
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673	8
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594	5
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203	4
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758	5
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036	7
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687	5
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852	7
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446	12
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111	3
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735	3
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987	4
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786	8
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306	9
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250	7
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328	5
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767	4
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231	3
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_P

Contract: CAMP02

SDG NO.: Q3266

Calibration Date(s): 09/23/2025 09/23/2025

Calibration Times: 08:45 17:14

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

LAB FILE ID: CF 1000 = <u>PP075247.D</u> CF 750 = <u>PP075248.D</u> CF 500 = <u>PP075249.D</u> CF 250 = <u>PP075250.D</u> CF 050 = <u>PP075251.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	9

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18

A

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.86	4.76	4.96	18490700
		2	4.95	4.85	5.05	13697900
		3	5.02	4.92	5.12	41397800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	32115600
		2	5.54	5.44	5.64	16774900
		3	5.83	5.73	5.93	33440800
		4	5.99	5.89	6.09	17299100
		5	6.08	5.98	6.18	12004400
Aroclor-1262	500	1	8.24	8.14	8.34	75955200
		2	8.57	8.47	8.67	135361000
		3	8.90	8.80	9.00	93451000
		4	8.98	8.88	9.08	72237200
		5	9.66	9.56	9.76	52135400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	76477600
		2	4.09	3.99	4.19	52263200
		3	4.17	4.07	4.27	190406000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	146566000
		2	4.89	4.79	4.99	252198000
		3	5.07	4.97	5.17	63015000
		4	5.15	5.05	5.25	103164000
		5	5.33	5.23	5.43	64046600
Aroclor-1262	500	1	6.91	6.81	7.01	791116000
		2	7.17	7.07	7.27	552368000
		3	7.69	7.59	7.79	499974000
		4	7.75	7.65	7.85	908084000
		5	8.25	8.15	8.35	429906000

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/15/2025</u> <u>09/15/2025</u>
Continuing Calib Time:	<u>14:28</u>	Initial Calibration Time(s):	<u>09:34</u> <u>19:21</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.03	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025
Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.17	5.07	5.27	0.01
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	6.99	7.00	6.90	7.10	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.60	8.61	8.51	8.71	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114211.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.736	4.643	4.843	564.240	500.000	12.8
Aroclor-1016-2	4.754	4.661	4.861	576.990	500.000	15.4
Aroclor-1016-3	4.812	4.718	4.918	551.890	500.000	10.4
Aroclor-1016-4	4.931	4.837	5.037	543.380	500.000	8.7
Aroclor-1016-5	5.187	5.093	5.293	595.440	500.000	19.1
Aroclor-1260-1	6.220	6.129	6.329	584.940	500.000	17.0
Aroclor-1260-2	6.411	6.319	6.519	581.610	500.000	16.3
Aroclor-1260-3	6.775	6.683	6.883	559.110	500.000	11.8
Aroclor-1260-4	7.032	6.941	7.141	606.930	500.000	21.4
Aroclor-1260-5	7.276	7.185	7.385	607.240	500.000	21.4
Decachlorobiphenyl	8.658	8.570	8.770	45.820	50.000	-8.4
Tetrachloro-m-xylene	3.656	3.560	3.760	47.190	50.000	-5.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114211.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.716	4.623	4.823	528.180	500.000	5.6
Aroclor-1016-2	4.734	4.641	4.841	525.050	500.000	5.0
Aroclor-1016-3	4.909	4.816	5.016	517.130	500.000	3.4
Aroclor-1016-4	4.951	4.858	5.058	527.500	500.000	5.5
Aroclor-1016-5	5.162	5.070	5.270	542.240	500.000	8.4
Aroclor-1260-1	6.187	6.096	6.296	496.030	500.000	-0.8
Aroclor-1260-2	6.376	6.284	6.484	465.980	500.000	-6.8
Aroclor-1260-3	6.526	6.435	6.635	456.650	500.000	-8.7
Aroclor-1260-4	6.994	6.903	7.103	461.550	500.000	-7.7
Aroclor-1260-5	7.237	7.146	7.346	454.240	500.000	-9.2
Decachlorobiphenyl	8.603	8.514	8.714	44.690	50.000	-10.6
Tetrachloro-m-xylene	3.647	3.551	3.751	43.730	50.000	-12.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3266

Continuing Calib Date: 10/02/2025 Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 19:24 Initial Calibration Time(s): 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.03	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/15/2025 09/15/2025
Continuing Calib Time: 19:24 **Initial Calibration Time(s):** 09:34 19:21

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.17	5.07	5.27	0.01
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	6.99	7.00	6.90	7.10	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.60	8.61	8.51	8.71	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114223.D **Time Analyzed:** 19:24

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.736	4.643	4.843	473.500	500.000	-5.3
Aroclor-1016-2	4.754	4.661	4.861	478.300	500.000	-4.3
Aroclor-1016-3	4.811	4.718	4.918	464.270	500.000	-7.1
Aroclor-1016-4	4.930	4.837	5.037	442.510	500.000	-11.5
Aroclor-1016-5	5.186	5.093	5.293	489.330	500.000	-2.1
Aroclor-1260-1	6.221	6.129	6.329	510.150	500.000	2.0
Aroclor-1260-2	6.410	6.319	6.519	493.910	500.000	-1.2
Aroclor-1260-3	6.775	6.683	6.883	494.920	500.000	-1.0
Aroclor-1260-4	7.033	6.941	7.141	545.900	500.000	9.2
Aroclor-1260-5	7.277	7.185	7.385	555.580	500.000	11.1
Decachlorobiphenyl	8.657	8.570	8.770	51.520	50.000	3.0
Tetrachloro-m-xylene	3.656	3.560	3.760	50.040	50.000	0.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114223.D **Time Analyzed:** 19:24

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.715	4.623	4.823	419.850	500.000	-16.0
Aroclor-1016-2	4.733	4.641	4.841	428.210	500.000	-14.4
Aroclor-1016-3	4.907	4.816	5.016	437.230	500.000	-12.6
Aroclor-1016-4	4.950	4.858	5.058	444.220	500.000	-11.2
Aroclor-1016-5	5.161	5.070	5.270	457.440	500.000	-8.5
Aroclor-1260-1	6.186	6.096	6.296	428.640	500.000	-14.3
Aroclor-1260-2	6.375	6.284	6.484	405.950	500.000	-18.8
Aroclor-1260-3	6.525	6.435	6.635	401.260	500.000	-19.7
Aroclor-1260-4	6.993	6.903	7.103	401.680	500.000	-19.7
Aroclor-1260-5	7.236	7.146	7.346	401.700	500.000	-19.7
Decachlorobiphenyl	8.603	8.514	8.714	49.850	50.000	-0.3
Tetrachloro-m-xylene	3.646	3.551	3.751	47.260	50.000	-5.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025
Continuing Calib Time: 13:51 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.80	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.01
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.00	8.01	7.91	8.11	0.01
Aroclor-1260-4	(4)	8.23	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.42	10.43	10.33	10.53	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
Continuing Calib Date: 10/02/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025
Continuing Calib Time: 13:51 **Initial Calibration Time(s):** 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075540.D **Time Analyzed:** 13:51

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.803	5.708	5.908	422.820	500.000	-15.4
Aroclor-1016-2	5.825	5.729	5.929	422.540	500.000	-15.5
Aroclor-1016-3	5.888	5.792	5.992	414.640	500.000	-17.1
Aroclor-1016-4	5.985	5.889	6.089	451.120	500.000	-9.8
Aroclor-1016-5	6.277	6.181	6.381	449.960	500.000	-10.0
Aroclor-1260-1	7.393	7.299	7.499	422.190	500.000	-15.6
Aroclor-1260-2	7.646	7.551	7.751	429.750	500.000	-14.1
Aroclor-1260-3	8.004	7.909	8.109	449.230	500.000	-10.2
Aroclor-1260-4	8.232	8.137	8.337	496.470	500.000	-0.7
Aroclor-1260-5	8.556	8.464	8.664	480.500	500.000	-3.9
Decachlorobiphenyl	10.422	10.334	10.534	47.390	50.000	-5.2
Tetrachloro-m-xylene	4.653	4.555	4.755	44.820	50.000	-10.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075540.D **Time Analyzed:** 13:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.890	4.793	4.993	502.600	500.000	0.5
Aroclor-1016-2	4.947	4.851	5.051	518.860	500.000	3.8
Aroclor-1016-3	5.067	4.971	5.171	472.820	500.000	-5.4
Aroclor-1016-4	5.107	5.011	5.211	511.470	500.000	2.3
Aroclor-1016-5	5.322	5.225	5.425	489.060	500.000	-2.2
Aroclor-1260-1	6.349	6.255	6.455	439.880	500.000	-12.0
Aroclor-1260-2	6.536	6.441	6.641	438.310	500.000	-12.3
Aroclor-1260-3	6.689	6.595	6.795	438.790	500.000	-12.2
Aroclor-1260-4	7.158	7.065	7.265	402.320	500.000	-19.5
Aroclor-1260-5	7.397	7.304	7.504	423.530	500.000	-15.3
Decachlorobiphenyl	8.793	8.703	8.903	56.260	50.000	12.5
Tetrachloro-m-xylene	3.795	3.696	3.896	50.540	50.000	1.1

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
Continuing Calib Time:	<u>18:59</u>	Initial Calibration Time(s):	<u>08:45</u> <u>17:14</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.80	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-3	(3)	5.88	5.89	5.79	5.99	0.01
Aroclor-1016-4	(4)	5.98	5.99	5.89	6.09	0.01
Aroclor-1016-5	(5)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-1	(1)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.01
Aroclor-1260-3	(3)	8.00	8.01	7.91	8.11	0.01
Aroclor-1260-4	(4)	8.23	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.42	10.43	10.33	10.53	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/02/2025</u>	Initial Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
Continuing Calib Time:	<u>18:59</u>	Initial Calibration Time(s):	<u>08:45</u> <u>17:14</u>

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075555.D **Time Analyzed:** 18:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.800	5.708	5.908	437.650	500.000	-12.5
Aroclor-1016-2	5.821	5.729	5.929	435.390	500.000	-12.9
Aroclor-1016-3	5.884	5.792	5.992	425.240	500.000	-15.0
Aroclor-1016-4	5.981	5.889	6.089	457.280	500.000	-8.5
Aroclor-1016-5	6.274	6.181	6.381	465.980	500.000	-6.8
Aroclor-1260-1	7.392	7.299	7.499	441.590	500.000	-11.7
Aroclor-1260-2	7.645	7.551	7.751	441.100	500.000	-11.8
Aroclor-1260-3	8.003	7.909	8.109	470.750	500.000	-5.9
Aroclor-1260-4	8.231	8.137	8.337	495.580	500.000	-0.9
Aroclor-1260-5	8.556	8.464	8.664	493.160	500.000	-1.4
Decachlorobiphenyl	10.423	10.334	10.534	47.480	50.000	-5.0
Tetrachloro-m-xylene	4.648	4.555	4.755	45.490	50.000	-9.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075555.D **Time Analyzed:** 18:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.889	4.793	4.993	520.140	500.000	4.0
Aroclor-1016-2	4.947	4.851	5.051	528.500	500.000	5.7
Aroclor-1016-3	5.067	4.971	5.171	487.550	500.000	-2.5
Aroclor-1016-4	5.107	5.011	5.211	514.020	500.000	2.8
Aroclor-1016-5	5.322	5.225	5.425	500.490	500.000	0.1
Aroclor-1260-1	6.349	6.255	6.455	447.630	500.000	-10.5
Aroclor-1260-2	6.536	6.441	6.641	444.150	500.000	-11.2
Aroclor-1260-3	6.689	6.595	6.795	436.760	500.000	-12.6
Aroclor-1260-4	7.158	7.065	7.265	415.570	500.000	-16.9
Aroclor-1260-5	7.398	7.304	7.504	430.590	500.000	-13.9
Decachlorobiphenyl	8.795	8.703	8.903	54.930	50.000	9.9
Tetrachloro-m-xylene	3.795	3.696	3.896	51.180	50.000	2.4

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/15/2025 09/15/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.67	3.66
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.67	3.66
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.67	3.66
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.67	3.66
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.67	3.66
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.67	3.66
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.67	3.66
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.67	3.66
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.67	3.66
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.67	3.66
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.67	3.66
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.67	3.66
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.67	3.66
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.67	3.66
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.67	3.66
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.67	3.66
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.67	3.66
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.67	3.66
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.67	3.66
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.67	3.66
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.67	3.66
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.67	3.66
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.67	3.66
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/02/2025	14:28	PO114211.D	8.66	3.66
IBLK	IBLK	10/02/2025	15:42	PO114215.D	8.66	3.66
PB169951BL	PB169951BL	10/02/2025	16:00	PO114216.D	8.66	3.66
PB169951BS	PB169951BS	10/02/2025	16:19	PO114217.D	8.66	3.66
279887MS	Q3262-08MS	10/02/2025	16:55	PO114219.D	8.66	3.66
279887MSD	Q3262-08MSD	10/02/2025	17:14	PO114220.D	8.66	3.66
AR1660CCC500	AR1660CCC500	10/02/2025	19:24	PO114223.D	8.66	3.66
IBLK	IBLK	10/02/2025	20:56	PO114227.D	8.66	3.66
IBLK	IBLK	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66

Analytical Sequence

AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/02/2025	13:51	PP075540.D	10.42	4.65
IBLK	IBLK	10/02/2025	14:56	PP075544.D	10.42	4.65
ENV-3-6FT	Q3266-01	10/02/2025	16:01	PP075548.D	10.43	4.65
ENV-4-6FT	Q3266-02	10/02/2025	16:17	PP075549.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/02/2025	18:59	PP075555.D	10.42	4.65
IBLK	IBLK	10/02/2025	20:37	PP075559.D	10.42	4.65

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/15/2025 09/15/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.62	3.65
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.61	3.65
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.62	3.65
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.61	3.65
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.62	3.65
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.62	3.65
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.61	3.65
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.62	3.65
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.62	3.65
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.62	3.65
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.62	3.65
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.62	3.65
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.62	3.65
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.62	3.65
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.62	3.65
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.61	3.65
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.62	3.65
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.62	3.65
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.62	3.65
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.61	3.65
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.62	3.65
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.61	3.65
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.62	3.65
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.62	3.65
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.62	3.65
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.61	3.65
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.61	3.65
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.62	3.65
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.61	3.65
AR1660CCC500	AR1660CCC500	10/02/2025	14:28	PO114211.D	8.60	3.65
IBLK	IBLK	10/02/2025	15:42	PO114215.D	8.60	3.65
PB169951BL	PB169951BL	10/02/2025	16:00	PO114216.D	8.60	3.65
PB169951BS	PB169951BS	10/02/2025	16:19	PO114217.D	8.60	3.65
279887MS	Q3262-08MS	10/02/2025	16:55	PO114219.D	8.60	3.65
279887MSD	Q3262-08MSD	10/02/2025	17:14	PO114220.D	8.60	3.65
AR1660CCC500	AR1660CCC500	10/02/2025	19:24	PO114223.D	8.60	3.65
IBLK	IBLK	10/02/2025	20:56	PO114227.D	8.60	3.65
IBLK	IBLK	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80

Analytical Sequence

AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/02/2025	13:51	PP075540.D	8.79	3.80
IBLK	IBLK	10/02/2025	14:56	PP075544.D	8.79	3.79
ENV-3-6FT	Q3266-01	10/02/2025	16:01	PP075548.D	8.80	3.80
ENV-4-6FT	Q3266-02	10/02/2025	16:17	PP075549.D	8.80	3.79
AR1660CCC500	AR1660CCC500	10/02/2025	18:59	PP075555.D	8.80	3.80
IBLK	IBLK	10/02/2025	20:37	PP075559.D	8.79	3.79



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169951BL	SDG No.:	Q3266
Lab Sample ID:	PB169951BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114216.D	1	10/02/25 10:00	10/02/25 16:00	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/15/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/15/25
Client Sample ID:	PIBLK-PO113719.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PO113719.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113719.D	1		09/15/25	po091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PO114215.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PO114215.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114215.D	1		10/02/25	po100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140	83%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PO114227.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PO114227.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114227.D	1		10/02/25	po100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.0		60 - 140	80%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		60 - 140	87%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/23/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/23/25
Client Sample ID:	PIBLK-PP075246.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PP075246.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075246.D	1		09/23/25	pp092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PP075544.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PP075544.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075544.D	1		10/02/25	PP100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.1		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		60 - 140	98%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PP075559.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PP075559.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075559.D	1		10/02/25	PP100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 140	96%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169951BS	SDG No.:	Q3266
Lab Sample ID:	PB169951BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114217.D	1	10/02/25 10:00	10/02/25 16:19	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	169		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	178		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		32 - 144	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		32 - 175	98%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	279887MS	SDG No.:	Q3266
Lab Sample ID:	Q3262-08MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114219.D	1	10/02/25 10:00	10/02/25 16:55	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	118		4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	119		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	9.97		32 - 144	50%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		32 - 175	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	279887MSD	SDG No.:	Q3266
Lab Sample ID:	Q3262-08MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.4
Sample Wt/Vol:	30.07 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
PO114220.D	1	10/02/25 10:00	10/02/25 17:14	PB169951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	120		4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	123		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	10.3		32 - 144	51%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	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

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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

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			Herbicide	8151A		10/06/25	10/06/25	
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			Herbicide	8151A		10/06/25	10/06/25	
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	

Hit Summary Sheet SW-846

SDG No.: Q3266

Order ID: Q3266

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

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

Client ID :

Total Concentration: 0.000

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SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031958.D	1	10/06/25 09:10	10/06/25 17:24	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.60	U	9.60	83.3	ug/Kg
120-36-5	DICHLORPROP	15.9	U	15.9	83.3	ug/Kg
94-75-7	2,4-D	11.2	U	11.2	83.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.3	U	11.3	83.3	ug/Kg
93-76-5	2,4,5-T	10.8	U	10.8	83.3	ug/Kg
94-82-6	2,4-DB	30.1	U	30.1	83.3	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	324		10 - 141	65%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	87
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031961.D	1	10/06/25 09:10	10/06/25 18:37	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	76.9	ug/Kg
120-36-5	DICHLORPROP	14.7	U	14.7	76.9	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	76.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	76.9	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	76.9	ug/Kg
94-82-6	2,4-DB	27.8	U	27.8	76.9	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	76.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	386		10 - 141	77%	SPK: 500

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

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Surrogate Summary

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031667.D	PIBLK-PS031667.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	525	105		61	136
I.BLK-PS031954.D	PIBLK-PS031954.D	2,4-DCAA	1	500	448	90		61	136
		2,4-DCAA	2	500	537	107		61	136
PB169991BL	PB169991BL	2,4-DCAA	1	500	444	89		10	141
		2,4-DCAA	2	500	486	97		10	141
PB169991BS	PB169991BS	2,4-DCAA	1	500	619	124		10	141
		2,4-DCAA	2	500	558	112		10	141
Q3266-01	ENV-3-6FT	2,4-DCAA	1	500	292	58		10	141
		2,4-DCAA	2	500	324	65		10	141
Q3266-01MS	ENV-3-6FTMS	2,4-DCAA	1	500	453	91		10	141
		2,4-DCAA	2	500	495	99		10	141
Q3266-01MSD	ENV-3-6FTMSD	2,4-DCAA	1	500	532	106		10	141
		2,4-DCAA	2	500	502	100		10	141
Q3266-02	ENV-4-6FT	2,4-DCAA	1	500	386	77		10	141
		2,4-DCAA	2	500	167	33		10	141
I.BLK-PS031967.D	PIBLK-PS031967.D	2,4-DCAA	1	500	488	98		61	136
		2,4-DCAA	2	500	547	109		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031959.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
			Result	Result							High		
Lab Sample ID:	Q3266-01MS (Column 1)	Client Sample ID:		ENV-3-6FTMS									
	DICAMBA	207.1	0	93.9	ug/Kg	45				10		112	
	DICHLORPROP	207.1	0	104	ug/Kg	50				10		113	
	2,4-D	207.1	0	117	ug/Kg	56				10		144	
	2,4,5-TP(Silvex)	207.1	0	108	ug/Kg	52				10		114	
	2,4,5-T	207.1	0	108	ug/Kg	52				10		115	
	2,4-DB	207.1	0	93.1	ug/Kg	45				10		140	
	Dinoseb	207.1	0	0	ug/Kg	0	*			10		118	
Lab Sample ID:	Q3266-01MS (Column 2)	Client Sample ID:		ENV-3-6FTMS									
	DICAMBA	207.1	0	99.3	ug/Kg	48				10		112	
	DICHLORPROP	207.1	0	107	ug/Kg	52				10		113	
	2,4-D	207.1	0	122	ug/Kg	59				10		144	
	2,4,5-TP(Silvex)	207.1	0	115	ug/Kg	56				10		114	
	2,4,5-T	207.1	0	97.6	ug/Kg	47				10		115	
	2,4-DB	207.1	0	79.3	ug/Kg	38				10		140	
	Dinoseb	207.1	0	0	ug/Kg	0	*			10		118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031960.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High	
Lab Sample ID:	Q3266-01MSD (Column 1)	Client Sample ID:		ENV-3-6FTMSD								
	DICAMBA	206.9	0	98.7	ug/Kg	48		6		10	112	20
	DICHLORPROP	206.9	0	110	ug/Kg	53		6		10	113	20
	2,4-D	206.9	0	124	ug/Kg	60		7		10	144	20
	2,4,5-TP(Silvex)	206.9	0	112	ug/Kg	54		4		10	114	20
	2,4,5-T	206.9	0	114	ug/Kg	55		6		10	115	20
	2,4-DB	206.9	0	98.3	ug/Kg	48		6		10	140	20
	Dinoseb	206.9	0	0	ug/Kg	0	*	0		10	118	20
Lab Sample ID:	Q3266-01MSD (Column 2)	Client Sample ID:		ENV-3-6FTMSD								
	DICAMBA	206.9	0	106	ug/Kg	51		6		10	112	20
	DICHLORPROP	206.9	0	95.1	ug/Kg	46		12		10	113	20
	2,4-D	206.9	0	129	ug/Kg	62		5		10	144	20
	2,4,5-TP(Silvex)	206.9	0	121	ug/Kg	58		4		10	114	20
	2,4,5-T	206.9	0	102	ug/Kg	49		4		10	115	20
	2,4-DB	206.9	0	76.3	ug/Kg	37		3		10	140	20
	Dinoseb	206.9	0	0	ug/Kg	0	*	0		10	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3266</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PS031957.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169991BS (Column 1)	DICAMBA	166.6	195	ug/Kg	117				72	129		
	DICHLORPROP	166.6	192	ug/Kg	115				77	135		
	2,4-D	166.6	207	ug/Kg	124				65	144		
	2,4,5-TP(Silvex)	166.6	199	ug/Kg	119				74	146		
	2,4,5-T	166.6	195	ug/Kg	117				77	134		
	2,4-DB	166.6	161	ug/Kg	97				72	122		
	Dinoseb	166.6	216	ug/Kg	130				74	132		
	DICAMBA	166.6	188	ug/Kg	113				72	129		
PB169991BS (Column 2)	DICHLORPROP	166.6	193	ug/Kg	116				77	135		
	2,4-D	166.6	171	ug/Kg	103				65	144		
	2,4,5-TP(Silvex)	166.6	192	ug/Kg	115				74	146		
	2,4,5-T	166.6	175	ug/Kg	105				77	134		
	2,4-DB	166.6	154	ug/Kg	92				72	122		
	Dinoseb	166.6	214	ug/Kg	128				74	132		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169991BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169991BL

Lab File ID: PS031956.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/06/2025

Date Analyzed (1): 10/06/2025

Date Analyzed (2): 10/06/2025

Time Analyzed (1): 16:36

Time Analyzed (2): 16:36

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 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
PB169991BS	PB169991BS	PS031957.D	10/06/2025	10/06/2025
ENV-3-6FT	Q3266-01	PS031958.D	10/06/2025	10/06/2025
ENV-3-6FTMS	Q3266-01MS	PS031959.D	10/06/2025	10/06/2025
ENV-3-6FTMSD	Q3266-01MSD	PS031960.D	10/06/2025	10/06/2025
ENV-4-6FT	Q3266-02	PS031961.D	10/06/2025	10/06/2025

COMMENTS: _____



QC SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169991BL	SDG No.:	Q3266
Lab Sample ID:	PB169991BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031956.D	1	10/06/25 09:10	10/06/25 16:36	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	486		10 - 141	97%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/09/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/09/25
Client Sample ID:	PIBLK-PS031667.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031667.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031667.D	1		09/09/25	Ps090925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	525		61 - 136	105%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/06/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/06/25
Client Sample ID:	PIBLK-PS031954.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031954.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031954.D	1		10/06/25	PS100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	537		61 - 136	107%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/06/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/06/25
Client Sample ID:	PIBLK-PS031967.D	SDG No.:	Q3266
Lab Sample ID:	I.BLK-PS031967.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031967.D	1		10/06/25	PS100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	547		61 - 136	109%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169991BS	SDG No.:	Q3266
Lab Sample ID:	PB169991BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031957.D	1	10/06/25 09:10	10/06/25 17:00	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	195		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	193		12.8	67.0	ug/Kg
94-75-7	2,4-D	207		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	199		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	195		8.70	67.0	ug/Kg
94-82-6	2,4-DB	161		24.2	67.0	ug/Kg
88-85-7	DINOSEB	216		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	619		10 - 141	124%	SPK: 500

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

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031959.D	1	10/06/25 09:10	10/06/25 17:48	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	99.3		9.60	83.3	ug/Kg
120-36-5	DICHLORPROP	107		15.9	83.3	ug/Kg
94-75-7	2,4-D	122		11.2	83.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	115		11.3	83.3	ug/Kg
93-76-5	2,4,5-T	108		10.8	83.3	ug/Kg
94-82-6	2,4-DB	93.1		30.1	83.3	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	495		10 - 141	99%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	80.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031960.D	1	10/06/25 09:10	10/06/25 18:13	PB169991

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	106		9.60	83.2	ug/Kg
120-36-5	DICHLORPROP	110		15.9	83.2	ug/Kg
94-75-7	2,4-D	129		11.2	83.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	121		11.2	83.2	ug/Kg
93-76-5	2,4,5-T	114		10.8	83.2	ug/Kg
94-82-6	2,4-DB	98.3		30.0	83.2	ug/Kg
88-85-7	DINOSEB	13.4	U	13.4	83.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	532		10 - 141	106%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
		Calibration Times:	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031668.D</u>	RT 500 = <u>PS031669.D</u>
	RT 750 = <u>PS031670.D</u>	RT 1000 = <u>PS031671.D</u>
		RT 1500 = <u>PS031672.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	9.59	9.59	9.58	9.58	9.58	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.29	9.29	9.29	9.29	9.29	9.19	9.39
2,4-D	8.42	8.42	8.41	8.41	8.41	8.42	8.32	8.52
2,4-DB	10.17	10.16	10.16	10.16	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.29	7.29	7.29	7.28	7.29	7.19	7.39
DICAMBA	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
DICHLORPROP	8.18	8.18	8.18	8.18	8.18	8.18	8.08	8.28
Dinoseb	11.36	11.36	11.35	11.35	11.35	11.35	11.25	11.45

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
		Calibration Times:	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031668.D</u>	RT 500 = <u>PS031669.D</u>
RT 750 = <u>PS031670.D</u>	RT 1000 = <u>PS031671.D</u>	RT 1500 = <u>PS031672.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	10.33	10.32	10.32	10.32	10.32	10.32	10.22	10.42
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.01	9.00	9.00	9.00	9.00	9.00	8.90	9.10
2,4-DB	10.90	10.89	10.89	10.89	10.89	10.89	10.79	10.99
2,4-DCAA	7.75	7.74	7.74	7.74	7.74	7.74	7.64	7.84
DICAMBA	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
DICHLORPROP	8.66	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Dinoseb	11.27	11.27	11.27	11.27	11.27	11.27	11.17	11.37

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18734000000	18653300000	18251400000	18101700000	17750400000	18298200000	2
2,4,5-TP(Silvex)	23314400000	21668300000	20672900000	19997800000	19215100000	20973700000	8
2,4-D	3623310000	3886470000	3301510000	3166900000	3150010000	3425640000	9
2,4-DB	2215860000	2277540000	2345860000	2369030000	2455540000	2332770000	4
2,4-DCAA	3985360000	3774560000	3531130000	3388800000	3327800000	3601530000	8
DICAMBA	16633500000	16133000000	15486500000	15011700000	14718800000	15596700000	5
DICHLORPROP	4107570000	3655200000	3455830000	3338320000	3251900000	3561760000	10
Dinoseb	16371900000	14378500000	14193200000	13808700000	13361200000	14422700000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3266

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	14154100000	13509200000	13386200000	13315900000	12919700000	13457000000	3
2,4,5-TP(Silvex)	16378200000	15425200000	14913400000	14552800000	14002000000	15054300000	6
2,4-D	1798080000	1663870000	1619090000	1589690000	1554820000	1645110000	6
2,4-DB	1289240000	1029100000	1017980000	1016850000	997058000	1070040000	12
2,4-DCAA	975058000	912799000	892983000	889945000	873713000	908899000	4
DICAMBA	6906160000	6561550000	6431490000	6357940000	6277100000	6506850000	4
DICHLORPROP	1500950000	1530980000	1472190000	1385470000	1385720000	1455060000	5
Dinoseb	10286300000	9393960000	9690760000	9609050000	9623390000	9720680000	3

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/06/2025</u>	Initial Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
Continuing Calib Time:	<u>13:01</u>	Initial Calibration Time(s):	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.47	7.47	7.37	7.57	0.00
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.16	10.16	10.06	10.26	0.00
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/06/2025</u>	Initial Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
Continuing Calib Time:	<u>13:01</u>	Initial Calibration Time(s):	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.93	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031955.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.581	9.483	9.683	760.830	712.500	6.8
2,4,5-TP(Silvex)	9.283	9.185	9.385	762.520	712.500	7.0
2,4-D	8.414	8.314	8.514	743.080	705.000	5.4
2,4-DB	10.158	10.058	10.258	641.100	712.500	-10.0
2,4-DCAA	7.281	7.185	7.385	737.370	750.000	-1.7
DICAMBA	7.465	7.369	7.569	749.580	705.000	6.3
DICHLORPROP	8.174	8.077	8.277	724.470	705.000	2.8
Dinoseb	11.350	11.254	11.454	833.610	705.000	18.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031955.D **Time Analyzed:** 13:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.316	10.221	10.421	694.530	712.500	-2.5
2,4,5-TP(Silvex)	9.886	9.793	9.993	736.230	712.500	3.3
2,4-D	8.996	8.900	9.100	683.870	705.000	-3.0
2,4-DB	10.885	10.790	10.990	618.050	712.500	-13.3
2,4-DCAA	7.737	7.643	7.843	716.040	750.000	-4.5
DICAMBA	7.932	7.839	8.039	728.270	705.000	3.3
DICHLORPROP	8.652	8.559	8.759	736.180	705.000	4.4
Dinoseb	11.258	11.166	11.366	839.330	705.000	19.1

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/06/2025</u>	Initial Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
Continuing Calib Time:	<u>21:26</u>	Initial Calibration Time(s):	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3266</u>
Continuing Calib Date:	<u>10/06/2025</u>	Initial Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
Continuing Calib Time:	<u>21:26</u>	Initial Calibration Time(s):	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031968.D **Time Analyzed:** 21:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.483	9.683	794.500	712.500	11.5
2,4,5-TP(Silvex)	9.280	9.185	9.385	753.880	712.500	5.8
2,4-D	8.409	8.314	8.514	813.770	705.000	15.4
2,4-DB	10.152	10.058	10.258	792.790	712.500	11.3
2,4-DCAA	7.280	7.185	7.385	783.380	750.000	4.5
DICAMBA	7.464	7.369	7.569	742.370	705.000	5.3
DICHLORPROP	8.171	8.077	8.277	727.460	705.000	3.2
Dinoseb	11.345	11.254	11.454	787.330	705.000	11.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3266
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031968.D **Time Analyzed:** 21:26

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	727.990	712.500	2.2
2,4,5-TP(Silvex)	9.889	9.793	9.993	741.760	712.500	4.1
2,4-D	8.998	8.900	9.100	714.010	705.000	1.3
2,4-DB	10.886	10.790	10.990	632.870	712.500	-11.2
2,4-DCAA	7.741	7.643	7.843	754.270	750.000	0.6
DICAMBA	7.936	7.839	8.039	732.070	705.000	3.8
DICHLORPROP	8.655	8.559	8.759	744.960	705.000	5.7
Dinoseb	11.260	11.166	11.366	798.080	705.000	13.2

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.29	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.29	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.29	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.29	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.29	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.28	0.00
IBLK	IBLK	10/06/2025	10:15	PS031954.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	13:01	PS031955.D	7.28	0.00
PB169991BL	PB169991BL	10/06/2025	16:36	PS031956.D	7.28	0.00
PB169991BS	PB169991BS	10/06/2025	17:00	PS031957.D	7.28	0.00
ENV-3-6FT	Q3266-01	10/06/2025	17:24	PS031958.D	7.28	0.00
ENV-3-6FTMS	Q3266-01MS	10/06/2025	17:48	PS031959.D	7.28	0.00
ENV-3-6FTMSD	Q3266-01MSD	10/06/2025	18:13	PS031960.D	7.28	0.00
ENV-4-6FT	Q3266-02	10/06/2025	18:37	PS031961.D	7.28	0.00
IBLK	IBLK	10/06/2025	21:02	PS031967.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	21:26	PS031968.D	7.28	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q3266
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
LBLK	LBLK	09/09/2025	11:08	PS031667.D	7.75	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.75	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.74	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.74	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.74	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.74	0.00
LBLK	LBLK	10/06/2025	10:15	PS031954.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	13:01	PS031955.D	7.74	0.00
PB169991BL	PB169991BL	10/06/2025	16:36	PS031956.D	7.74	0.00
PB169991BS	PB169991BS	10/06/2025	17:00	PS031957.D	7.74	0.00
ENV-3-6FT	Q3266-01	10/06/2025	17:24	PS031958.D	7.75	0.00
ENV-3-6FTMS	Q3266-01MS	10/06/2025	17:48	PS031959.D	7.74	0.00
ENV-3-6FTMSD	Q3266-01MSD	10/06/2025	18:13	PS031960.D	7.74	0.00
ENV-4-6FT	Q3266-02	10/06/2025	18:37	PS031961.D	7.74	0.00
LBLK	LBLK	10/06/2025	21:02	PS031967.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/06/2025	21:26	PS031968.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MS

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.17	8.12	8.22	104	2.8
	2	8.66	8.61	8.71	107	
2,4-D	1	8.42	8.37	8.47	117	4.2
	2	9.00	8.95	9.05	122	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	108	6.3
	2	9.89	9.84	9.94	115	
2,4,5-T	1	9.58	9.53	9.63	108	10.1
	2	10.32	10.27	10.37	97.6	
2,4-DB	1	10.16	10.11	10.21	93.1	16
	2	10.89	10.84	10.94	79.3	
DICAMBA	1	7.46	7.41	7.51	93.9	5.6
	2	7.94	7.89	7.99	99.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-3-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: Q3266-01MSD

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	112	7.7
	2	9.89	9.84	9.94	121	
2,4,5-T	1	9.58	9.53	9.63	114	11.1
	2	10.32	10.27	10.37	102	
DICHLORPROP	1	8.17	8.12	8.22	110	14.5
	2	8.66	8.61	8.71	95.1	
2,4-D	1	8.41	8.36	8.46	124	4
	2	9.00	8.95	9.05	129	
2,4-DB	1	10.16	10.11	10.21	98.3	25.2
	2	10.89	10.84	10.94	76.3	
DICAMBA	1	7.46	7.41	7.51	98.7	7.1
	2	7.94	7.89	7.99	106	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169991BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab Sample ID: PB169991BS

Date(s) Analyzed: 10/06/2025 10/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.58	9.53	9.63	195	10.8
	2	10.32	10.27	10.37	175	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	199	3.6
	2	9.89	9.84	9.94	192	
2,4-D	1	8.42	8.37	8.47	207	19
	2	9.01	8.96	9.06	171	
2,4-DB	1	10.16	10.11	10.21	161	4.4
	2	10.89	10.84	10.94	154	
DICHLORPROP	1	8.17	8.12	8.22	192	0.5
	2	8.66	8.61	8.71	193	
Dinoseb	1	11.35	11.30	11.40	216	0.9
	2	11.26	11.21	11.31	214	
DICAMBA	1	7.47	7.42	7.52	195	3.7
	2	7.94	7.89	7.99	188	

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			PCB	8082A		10/02/25	10/02/25	
			Pesticide-TCL	8081B		10/02/25	10/02/25	
			EPH	NJEPH		10/02/25	10/02/25	



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 20:05	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.23	J	1	0.17	1.24	mg/kg	FE056157.D
Aliphatic C12-C16	Aliphatic C12-C16	0.35	J	1	0.14	0.83	mg/kg	FE056157.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	J	1	0.16	1.24	mg/kg	FE056157.D
Aliphatic C21-C28	Aliphatic C21-C28	0.66	U	1	0.66	1.66	mg/kg	FE056157.D
Aliphatic C28-C40	Aliphatic C28-C40	6.31		1	1.47	2.49	mg/kg	FE056157.D
Aromatic C10-C12	Aromatic C10-C12	0.27	J	1	0.15	0.83	mg/kg	FD049815.D
Aromatic C12-C16	Aromatic C12-C16	2.80		1	0.29	1.24	mg/kg	FD049815.D
Aromatic C16-C21	Aromatic C16-C21	1.36	J	1	0.50	2.07	mg/kg	FD049815.D
Aromatic C21-C36	Aromatic C21-C36	1.48	U	1	1.48	3.32	mg/kg	FD049815.D
Total AliphaticEPH	Total AliphaticEPH	7.24	J		2.60	7.46	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.43	J		2.41	7.46	mg/kg	
Total EPH	Total EPH	11.7	J		5.01	14.9	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049815.D	1	10/02/25	10/03/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.27	J	0.15	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.80		0.29	1.24	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.36	J	0.50	2.07	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.48	U	1.48	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.0		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.3		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.1		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3266-01	Acq On:	03 Oct 2025 11:00
Client Sample ID:	ENV-3-6FT	Operator:	YP/AJ
Data file:	FD049815.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.432	6.134	396631	3.23	200	ug/ml
Aromatic C12-C16	6.135	8.763	4843280	33.784	300	ug/ml
Aromatic C16-C21	8.764	13.053	2338399	16.448	500	ug/ml
Aromatic C21-C36	13.054	18.473	1604491	12.958	800	ug/ml
Aromatic EPH	4.432	18.473	9182801	66.42		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	3901319	26.13		ug/ml
2-Bromonaphthalene (SURR)	7.701	7.701	5941401	50.01		ug/ml
2-Flurobiphenyl (SURR)	8.565	8.565	4269872	50.29		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056157.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.23	J	0.17	1.24	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.35	J	0.14	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	J	0.16	1.24	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.66	U	0.66	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.31		1.47	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.4		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3266-01	Acq On:	02 Oct 2025 20:05
Client Sample ID:	ENV-3-6FT	Operator:	YP\AJ
Data file:	FE056157.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	389531	2.782	300	ug/ml
Aliphatic C12-C16	6.946	10.395	651876	4.25	200	ug/ml
Aliphatic C16-C21	10.396	13.772	690986	4.166	300	ug/ml
Aliphatic C21-C28	13.773	17.442	514215	3.462	400	ug/ml
Aliphatic C28-C40	17.443	22.448	10371915	76.123	600	ug/ml
Aliphatic EPH	3.311	22.448	12618523	90.783		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.504	13.504	3543930	25.39		ug/ml
Aliphatic C9-C28	3.311	17.442	2246608	14.66	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 20:36	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.36	J	1	0.16	1.15	mg/kg	FE056158.D
Aliphatic C12-C16	Aliphatic C12-C16	0.60	J	1	0.13	0.77	mg/kg	FE056158.D
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	1	0.15	1.15	mg/kg	FE056158.D
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	1	0.61	1.53	mg/kg	FE056158.D
Aliphatic C28-C40	Aliphatic C28-C40	7.08		1	1.35	2.29	mg/kg	FE056158.D
Aromatic C10-C12	Aromatic C10-C12	0.32	J	1	0.14	0.77	mg/kg	FD049809.D
Aromatic C12-C16	Aromatic C12-C16	0.36	J	1	0.26	1.15	mg/kg	FD049809.D
Aromatic C16-C21	Aromatic C16-C21	2.95		1	0.46	1.91	mg/kg	FD049809.D
Aromatic C21-C36	Aromatic C21-C36	8.16		1	1.37	3.06	mg/kg	FD049809.D
Total AliphaticEPH	Total AliphaticEPH	9.61			2.39	6.88	mg/kg	
Total AromaticEPH	Total AromaticEPH	11.8			2.23	6.88	mg/kg	
Total EPH	Total EPH	21.4			4.63	13.8	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049809.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	J	0.14	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	J	0.26	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.95		0.46	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	8.16		1.37	3.06	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.1		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.0		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.5		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3266-02	Acq On:	02 Oct 2025 23:07
Client Sample ID:	ENV-3-6FT	Operator:	YP/AJ
Data file:	FD049809.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	508884	4.144	200	ug/ml
Aromatic C12-C16	6.132	8.759	666863	4.652	300	ug/ml
Aromatic C16-C21	8.760	13.049	5478100	38.532	500	ug/ml
Aromatic C21-C36	13.050	18.468	13205354	106.648	800	ug/ml
Aromatic EPH	4.389	18.468	19859201	153.976		ug/ml
ortho-Terphenyl (SURR)	11.609	11.609	5450117	36.51		ug/ml
2-Bromonaphthalene (SURR)	7.698	7.698	5839926	49.15		ug/ml
2-Fluorobiphenyl (SURR)	8.563	8.563	4156975	48.96		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056158.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.36	J	0.16	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.60	J	0.13	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	0.15	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	0.61	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.08		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3266-02	Acq On:	02 Oct 2025 20:36
Client Sample ID:	ENV-3-6FT	Operator:	YP\AJ
Data file:	FE056158.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	653145	4.664	300	ug/ml
Aliphatic C12-C16	6.946	10.395	1193691	7.783	200	ug/ml
Aliphatic C16-C21	10.396	13.772	1010402	6.091	300	ug/ml
Aliphatic C21-C28	13.773	17.442	2161234	14.551	400	ug/ml
Aliphatic C28-C40	17.443	22.448	12609271	92.544	600	ug/ml
Aliphatic EPH	3.311	22.448	17627743	125.633		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	5980742	42.85		ug/ml
Aliphatic C9-C28	3.311	17.442	5018472	33.089	1200	ug/ml



QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE SDG No.: Q3266
Run Number: FD100225AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB169950BL	88	90	99	0
PB169950BS	76	76	86	0
PB169950BSD	75	75	84	0
RCAMS	83	84	52	0
RCAMSD	82	83	52	0
ENV-4-6FT	98	98	73	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE SDG No.: Q3266
Run Number: FD100325AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
ENV-3-6FT	100	101	52	0

QC LIMITS

2-Bromonaphthalene (SURR) (40-140)
2-Flurobiphenyl (SURR) (40-140)
ortho-Terphenyl (SURR) (40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE SDG No.: Q3266
Run Number: FE100225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB169950BL	67			0
PB169950BS	87			0
PB169950BSD	87			0
RCAMS	60			0
RCAMSD	62			0
ENV-3-6FT	51			0
ENV-4-6FT	86			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>Q3238-01MS</u>	Datafile:	<u>FD049804.D</u>
		Client ID :	<u>RCAMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	0.18	4.17	60		(40-140)
Aromatic C12-C16	10	0.30	8.63	84		(40-140)
Aromatic C16-C21	16.6	1.62	15.0	80		(40-140)
Aromatic C21-C36	26.6	0	22.7	85		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>Q3238-01MSD</u>	Datafile:	<u>FD049805.D</u>
		Client ID :	<u>RCAMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	0.18	4.16	60		0.17 (40-140)	50
Aromatic C12-C16	10	0.30	8.60	83		0.48 (40-140)	50
Aromatic C16-C21	16.6	1.62	14.9	80		0.75 (40-140)	50
Aromatic C21-C36	26.6	0	23.0	86		1.28 (40-140)	50

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>Q3238-01MS</u>	Datafile:	<u>FE056153.D</u>
		Client ID :	<u>RCAMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	0.30	4.92	46		(40-140)
Aliphatic C12-C16	6.7	0.45	4.79	65		(40-140)
Aliphatic C16-C21	10	0.32	7.64	73		(40-140)
Aliphatic C21-C28	13.3	0	9.89	74		(40-140)
Aliphatic C28-C40	20.0	6.67	20.8	71		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>Q3238-01MSD</u>	Datafile:	<u>FE056154.D</u>
		Client ID :	<u>RCAMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	0.30	4.73	44		4.19 (40-140)	50
Aliphatic C12-C16	6.7	0.45	4.61	62		4.38 (40-140)	50
Aliphatic C16-C21	10	0.32	9.31	90		20 (40-140)	50
Aliphatic C21-C28	13.3	0	9.97	75		0.8 (40-140)	50
Aliphatic C28-C40	20.0	6.67	21.3	73		3.47 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>PB169950BS</u>	Datafile:	<u>FD049799.D</u>
		Client ID :	<u>PB169950BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	4.37	66		(40-140)
Aromatic C12-C16	10	7.19	72		(40-140)
Aromatic C16-C21	16.7	14.7	88		(40-140)
Aromatic C21-C36	26.6	24.8	93		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** CDM Smith
Lab Code: ACE **SDG No:** Q3266
Sample No : PB169950BSD **Datafile:** FD049800.D **Client ID :** PB169950BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	4.33	65		0.896 (40-140)	25
Aromatic C12-C16	10	7.08	71		1.4 (40-140)	25
Aromatic C16-C21	16.7	14.5	87		1.4 (40-140)	25
Aromatic C21-C36	26.6	24.8	93		0.0075 (40-140)	25

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3266</u>
Sample No :	<u>PB169950BS</u>	Datafile:	<u>FE056148.D</u>
		Client ID :	<u>PB169950BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.10	51		(40-140)
Aliphatic C12-C16	6.7	4.79	72		(40-140)
Aliphatic C16-C21	10	8.05	81		(40-140)
Aliphatic C21-C28	13.3	10.6	80		(40-140)
Aliphatic C28-C40	20.0	17.9	90		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** CDM Smith
Lab Code: ACE **SDG No:** Q3266
Sample No : PB169950BSD **Datafile:** FE056149.D **Client ID :** PB169950BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	4.76	48		6.8 (40-140)	25
Aliphatic C12-C16	6.7	4.57	69		4.7 (40-140)	25
Aliphatic C16-C21	10	7.92	79		1.7 (40-140)	25
Aliphatic C21-C28	13.3	10.6	80		0.0257! (40-140)	25
Aliphatic C28-C40	20.0	17.7	89		1.1 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169950BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Instrument ID: FID_D

Lab Sample ID: PB169950BL

Matrix: (soil/water) Solid

Date Extracted: 10/2/2025 9:05:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169950BS	PB169950BS
PB169950BSD	PB169950BSD
RCAMS	Q3238-01MS
RCAMSD	Q3238-01MSD
ENV-3-6FT	Q3266-01
ENV-4-6FT	Q3266-02

COMMENTS: _____



QC SAMPLE DATA

A

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3266
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 16:33	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FE056150.D
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FE056150.D
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FE056150.D
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FE056150.D
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE056150.D
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FD049801.D
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FD049801.D
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FD049801.D
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	FD049801.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.01	mg/kg	
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3266
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049801.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.2		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.9		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.5		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BL	Acq On:	02 Oct 2025 17:28
Client Sample ID:	PB169950BL	Operator:	YP/AJ
Data file:	FD049801.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	0	0	200	ug/ml
Aromatic C12-C16	6.132	8.759	0	0	300	ug/ml
Aromatic C16-C21	8.760	13.049	0	0	500	ug/ml
Aromatic C21-C36	13.050	18.468	0	0	800	ug/ml
Aromatic EPH	4.389	18.468	0	0		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	7383441	49.46		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	5250030	44.19		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3808082	44.85		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3266
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056150.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BL	Acq On:	02 Oct 2025 16:33
Client Sample ID:	PB169950BL	Operator:	YP\AJ
Data file:	FE056150.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	0	0	300	ug/ml
Aliphatic C12-C16	6.946	10.395	0	0	200	ug/ml
Aliphatic C16-C21	10.396	13.772	0	0	300	ug/ml
Aliphatic C21-C28	13.773	17.442	0	0	400	ug/ml
Aliphatic C28-C40	17.443	22.448	0	0	600	ug/ml
Aliphatic EPH	3.311	22.448	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4709065	33.74		ug/ml
Aliphatic C9-C28	3.311	17.442	0	0	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3266
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 15:32	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.10		1	0.14	1.00	mg/kg	FE056148.D
Aliphatic C12-C16	Aliphatic C12-C16	4.79		1	0.11	0.67	mg/kg	FE056148.D
Aliphatic C16-C21	Aliphatic C16-C21	8.05		1	0.13	1.00	mg/kg	FE056148.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.53	1.33	mg/kg	FE056148.D
Aliphatic C28-C40	Aliphatic C28-C40	17.9		1	1.18	2.00	mg/kg	FE056148.D
Aromatic C10-C12	Aromatic C10-C12	4.37		1	0.12	0.67	mg/kg	FD049799.D
Aromatic C12-C16	Aromatic C12-C16	7.19		1	0.23	1.00	mg/kg	FD049799.D
Aromatic C16-C21	Aromatic C16-C21	14.7		1	0.40	1.67	mg/kg	FD049799.D
Aromatic C21-C36	Aromatic C21-C36	24.8		1	1.19	2.66	mg/kg	FD049799.D
Total AliphaticEPH	Total AliphaticEPH	46.4			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	51.1			1.94	6.00	mg/kg	
Total EPH	Total EPH	97.5			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3266
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049799.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.37		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.19		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.7		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.1		40 - 140	76%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	38.0		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.9		40 - 140	86%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BS	Acq On:	02 Oct 2025 16:01
Client Sample ID:	PB169950BS	Operator:	YP/AJ
Data file:	FD049799.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	8045935	65.526	200	ug/ml
Aromatic C12-C16	6.132	8.759	15474304	107.941	300	ug/ml
Aromatic C16-C21	8.760	13.049	31275271	219.983	500	ug/ml
Aromatic C21-C36	13.050	18.468	46046516	371.877	800	ug/ml
Aromatic EPH	4.389	18.468	100842026	765.327		ug/ml
ortho-Terphenyl (SURR)	11.609	11.609	6400876	42.88		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4532878	38.15		ug/ml
2-Flurobiphenyl (SURR)	8.562	8.562	3230599	38.05		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3266
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056148.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	5.10	0.14	1.00	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	4.79	0.11	0.67	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	8.05	0.13	1.00	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	10.6	0.53	1.33	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	17.9	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BS	Acq On:	02 Oct 2025 15:32
Client Sample ID:	PB169950BS	Operator:	YP\AJ
Data file:	FE056148.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10717912	76.541	300	ug/ml
Aliphatic C12-C16	6.946	10.395	11032264	71.929	200	ug/ml
Aliphatic C16-C21	10.396	13.772	20040496	120.813	300	ug/ml
Aliphatic C21-C28	13.773	17.442	23701194	159.575	400	ug/ml
Aliphatic C28-C40	17.443	22.448	36542387	268.197	600	ug/ml
Aliphatic EPH	3.311	22.448	102034253	697.056		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.507	13.507	6062252	43.44		ug/ml
Aliphatic C9-C28	3.311	17.442	65491866	428.858	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3266
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 16:02	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	4.76		1	0.14	1.00	mg/kg FE056149.D
Aliphatic C12-C16	Aliphatic C12-C16	4.57		1	0.11	0.67	mg/kg FE056149.D
Aliphatic C16-C21	Aliphatic C16-C21	7.92		1	0.13	1.00	mg/kg FE056149.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.53	1.33	mg/kg FE056149.D
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1	1.18	2.00	mg/kg FE056149.D
Aromatic C10-C12	Aromatic C10-C12	4.33		1	0.12	0.67	mg/kg FD049800.D
Aromatic C12-C16	Aromatic C12-C16	7.08		1	0.23	1.00	mg/kg FD049800.D
Aromatic C16-C21	Aromatic C16-C21	14.5		1	0.40	1.67	mg/kg FD049800.D
Aromatic C21-C36	Aromatic C21-C36	24.8		1	1.19	2.66	mg/kg FD049800.D
Total AliphaticEPH	Total AliphaticEPH	45.5			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	50.7			1.94	6.00	mg/kg
Total EPH	Total EPH	96.3			4.03	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3266
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049800.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.33		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.08		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.5		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.6		40 - 140	75%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.6		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.1		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BSD	Acq On:	02 Oct 2025 16:44
Client Sample ID:	PB169950BSD	Operator:	YP/AJ
Data file:	FD049800.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	7982250	65.008	200	ug/ml
Aromatic C12-C16	6.132	8.759	15238556	106.297	300	ug/ml
Aromatic C16-C21	8.760	13.049	30865139	217.098	500	ug/ml
Aromatic C21-C36	13.050	18.468	46055171	371.947	800	ug/ml
Aromatic EPH	4.389	18.468	100141116	760.349		ug/ml
ortho-Terphenyl (SURR)	11.609	11.609	6285760	42.11		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4468408	37.61		ug/ml
2-Fluorobiphenyl (SURR)	8.561	8.561	3191925	37.6		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3266
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056149.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	4.76		0.14	1.00	mg/kg
	Aliphatic C12-C16	4.57		0.11	0.67	mg/kg
	Aliphatic C16-C21	7.92		0.13	1.00	mg/kg
	Aliphatic C21-C28	10.6		0.53	1.33	mg/kg
	Aliphatic C28-C40	17.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BSD	Acq On:	02 Oct 2025 16:02
Client Sample ID:	PB169950BSD	Operator:	YP\AJ
Data file:	FE056149.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10010564	71.49	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10519573	68.587	200	ug/ml
Aliphatic C16-C21	10.396	13.772	19736725	118.982	300	ug/ml
Aliphatic C21-C28	13.773	17.442	23717806	159.687	400	ug/ml
Aliphatic C28-C40	17.443	22.448	36272078	266.213	600	ug/ml
Aliphatic EPH	3.311	22.448	100256746	684.958		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.506	13.506	6079062	43.56		ug/ml
Aliphatic C9-C28	3.311	17.442	63984668	418.746	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 18:04	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.92		1	0.14	1.00	mg/kg	FE056153.D
Aliphatic C12-C16	Aliphatic C12-C16	4.79		1	0.11	0.67	mg/kg	FE056153.D
Aliphatic C16-C21	Aliphatic C16-C21	7.64		1	0.13	1.00	mg/kg	FE056153.D
Aliphatic C21-C28	Aliphatic C21-C28	9.89		1	0.53	1.33	mg/kg	FE056153.D
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.18	2.00	mg/kg	FE056153.D
Aromatic C10-C12	Aromatic C10-C12	4.17		1	0.12	0.67	mg/kg	FD049804.D
Aromatic C12-C16	Aromatic C12-C16	8.63		1	0.23	1.00	mg/kg	FD049804.D
Aromatic C16-C21	Aromatic C16-C21	15.0		1	0.40	1.66	mg/kg	FD049804.D
Aromatic C21-C36	Aromatic C21-C36	22.7		1	1.19	2.66	mg/kg	FD049804.D
Total AliphaticEPH	Total AliphaticEPH	48.0			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	50.5			1.94	5.98	mg/kg	
Total EPH	Total EPH	98.5			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049804.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.17		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.63		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.0		0.40	1.66	mg/kg
Aromatic C21-C36	Aromatic C21-C36	22.7		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.3		40 - 140	83%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.0		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3238-01MS	Acq On:	02 Oct 2025 19:37
Client Sample ID:	RCAMS	Operator:	YP/AJ
Data file:	FD049804.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	7693732	62.658	200	ug/ml
Aromatic C12-C16	6.132	8.759	18603790	129.771	300	ug/ml
Aromatic C16-C21	8.760	13.049	32032138	225.306	500	ug/ml
Aromatic C21-C36	13.050	18.468	42171715	340.584	800	ug/ml
Aromatic EPH	4.389	18.468	100501375	758.319		ug/ml
ortho-Terphenyl (SURR)	11.608	11.608	3862905	25.88		ug/ml
2-Bromonaphthalene (SURR)	7.698	7.698	4901926	41.26		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3563531	41.97		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056153.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.92		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.79		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.64		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.89		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3238-01MS	Acq On:	02 Oct 2025 18:04
Client Sample ID:	RCAMS	Operator:	YP\AJ
Data file:	FE056153.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10354395	73.945	300	ug/ml
Aliphatic C12-C16	6.946	10.395	11038918	71.973	200	ug/ml
Aliphatic C16-C21	10.396	13.772	19057854	114.89	300	ug/ml
Aliphatic C21-C28	13.773	17.442	22073475	148.616	400	ug/ml
Aliphatic C28-C40	17.443	22.448	42539910	312.215	600	ug/ml
Aliphatic EPH	3.311	22.448	105064552	721.638		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4205241	30.13		ug/ml
Aliphatic C9-C28	3.311	17.442	62524642	409.424	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 18:34	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	4.73		1	0.14	1.00	mg/kg FE056154.D
Aliphatic C12-C16	Aliphatic C12-C16	4.61		1	0.11	0.67	mg/kg FE056154.D
Aliphatic C16-C21	Aliphatic C16-C21	9.31		1	0.13	1.00	mg/kg FE056154.D
Aliphatic C21-C28	Aliphatic C21-C28	9.97		1	0.53	1.33	mg/kg FE056154.D
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1	1.18	2.00	mg/kg FE056154.D
Aromatic C10-C12	Aromatic C10-C12	4.16		1	0.12	0.67	mg/kg FD049805.D
Aromatic C12-C16	Aromatic C12-C16	8.60		1	0.23	1.00	mg/kg FD049805.D
Aromatic C16-C21	Aromatic C16-C21	14.9		1	0.40	1.66	mg/kg FD049805.D
Aromatic C21-C36	Aromatic C21-C36	23.0		1	1.19	2.66	mg/kg FD049805.D
Total AliphaticEPH	Total AliphaticEPH	49.9			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	50.7			1.94	5.98	mg/kg
Total EPH	Total EPH	101			4.03	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control 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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049805.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.16		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.60		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.9		0.40	1.66	mg/kg
Aromatic C21-C36	Aromatic C21-C36	23.0		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.9		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.7		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3238-01MSD	Acq On:	02 Oct 2025 20:19
Client Sample ID:	RCAMSD	Operator:	YP/AJ
Data file:	FD049805.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	7671808	62.479	200	ug/ml
Aromatic C12-C16	6.132	8.759	18532916	129.277	300	ug/ml
Aromatic C16-C21	8.760	13.049	31731837	223.194	500	ug/ml
Aromatic C21-C36	13.050	18.468	42829413	345.896	800	ug/ml
Aromatic EPH	4.389	18.468	100765974	760.846		ug/ml
ortho-Terphenyl (SURR)	11.608	11.608	3851203	25.8		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4860590	40.91		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3538469	41.68		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3266
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056154.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.73		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.61		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.31		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.97		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3238-01MSD	Acq On:	02 Oct 2025 18:34
Client Sample ID:	RCAMSD	Operator:	YP\AJ
Data file:	FE056154.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	9950514	71.061	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10624570	69.271	200	ug/ml
Aliphatic C16-C21	10.396	13.772	23198627	139.852	300	ug/ml
Aliphatic C21-C28	13.773	17.442	22254021	149.831	400	ug/ml
Aliphatic C28-C40	17.443	22.448	43527930	319.467	600	ug/ml
Aliphatic EPH	3.311	22.448	109555662	749.482		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4297189	30.79		ug/ml
Aliphatic C9-C28	3.311	17.442	66027732	430.015	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FD100225AR

AreaCount

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	25427460.000	12246862.000	4558465.000	2308235.000	1349679.000	
Aromatic C12-C16	44219117.000	21369355.000	7997923.000	4074363.000	2367349.000	
Aromatic C16-C21	58880353.000	28489474.000	10565292.000	5373434.000	3096151.000	
Aromatic C21-C36	113279188.000	55536652.000	20589877.000	10574479.000	6207569.000	
Aromatic EPH	241806118.000	117642343.000	43711557.000	22330511.000	13020748.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	122789.439	7.049				
Aromatic C12-C16	143358.7013328	6.839				
Aromatic C16-C21	142171.5605	6.566				
Aromatic C21-C36	123821.7882218	7.367				
Aromatic EPH	131040.9621106	7.017				

Concentration

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	127137.300000	122468.620000	113961.625000	115411.750000	134967.900000	
Aromatic C12-C16	147397.056666	142462.366666	133298.716666	135812.100000	157823.266666	
Aromatic C16-C21	147200.882500	142447.370000	132066.150000	134335.850000	154807.550000	
Aromatic C21-C36	125865.764444	123414.782222	114388.205555	117494.211111	137945.977777	
Aromatic EPH	134336.732222	130713.714444	121420.991666	124058.394444	144674.977777	

Initial Calibration Report for SequenceID : FE092425AL

AreaCount

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	37542791.000	22892697.000	8462672.000	4191009.000	2124515.000	
Aliphatic C12-C16	28448375.000	15981763.000	6036724.000	3116285.000	1580906.000	
Aliphatic C16-C21	47319022.000	24326712.000	9480340.000	5176882.000	2683832.000	
Aliphatic C21-C28	56499296.000	28330990.000	11268637.000	6189034.000	3282975.000	
Aliphatic C28-C40	72708634.000	38000593.000	15509370.000	8760386.000	4744762.000	
Aliphatic EPH	242518118.000	129532755.000	50757743.000	27433596.000	14416990.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	140027.9566664	6.995				
Aliphatic C12-C16	153376.491	4.607				
Aliphatic C16-C21	165879.737333	5.694				
Aliphatic C21-C28	148527.1505	7.073				
Aliphatic C28-C40	136251.923333	11.27				
Aliphatic EPH	146449.7892216	6.809				

Concentration

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	125142.636666	152617.980000	141044.533333	139700.300000	141634.333333	
Aliphatic C12-C16	142241.875000	159817.630000	150918.100000	155814.250000	158090.600000	
Aliphatic C16-C21	157730.073333	162178.080000	158005.666666	172562.733333	178922.133333	

Initial Calibration Report for SequenceID : FE092425AL

Aliphatic C21-C28	141248.240000	141654.950000	140857.962500	154725.850000	164148.750000	
Aliphatic C28-C40	121181.056666	126668.643333	129244.750000	146006.433333	158158.733333	
Aliphatic EPH	134732.287777	143925.283333	140993.730555	152408.866666	160188.777777	

Continuing Calibration Report for SequenceID : FD100225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049798.D

Aromatic C10-C12	4619689.000	40.000	4.389	6.131	115492.225	122789.439	5.943
Aromatic C12-C16	8072201.000	60.000	6.132	8.759	134536.683	143358.701	6.154
Aromatic C16-C21	10659760.000	80.000	8.760	13.049	133247.000	142171.561	6.277
Aromatic C21-C36	20256445.000	180.000	13.050	18.468	112535.806	123821.788	9.115
Aromatic EPH	43608095.000	360.000	4.389	18.468	121133.597	131040.962	7.561

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	02 Oct 2025 14:35
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049798.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.131	4619689.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.759	8072201.000	60.000	ug/ml
Aromatic C16-C21	8.760	13.049	10659760.000	80.000	ug/ml
Aromatic C21-C36	13.050	18.468	20256445.000	180.000	ug/ml
Aromatic EPH	4.389	18.468	43608095.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049811.D

Aromatic C10-C12	4706995.000	40.000	4.389	6.131	117674.875	122789.439	4.165
Aromatic C12-C16	8303318.000	60.000	6.132	8.759	138388.633	143358.701	3.467
Aromatic C16-C21	10980590.000	80.000	8.760	13.049	137257.375	142171.561	3.457
Aromatic C21-C36	20756349.000	180.000	13.050	18.468	115313.050	123821.788	6.872
Aromatic EPH	44747252.000	360.000	4.389	18.468	124297.922	131040.962	5.146

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	03 Oct 2025 01:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049811.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.131	4706995.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.759	8303318.000	60.000	ug/ml
Aromatic C16-C21	8.760	13.049	10980590.000	80.000	ug/ml
Aromatic C21-C36	13.050	18.468	20756349.000	180.000	ug/ml
Aromatic EPH	4.389	18.468	44747252.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100325AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049814.D

Aromatic C10-C12	5171373.000	40.000	4.432	6.134	129284.325	122789.439	-5.289
Aromatic C12-C16	9033436.000	60.000	6.135	8.763	150557.267	143358.701	-5.021
Aromatic C16-C21	11767249.000	80.000	8.764	13.053	147090.613	142171.561	-3.460
Aromatic C21-C36	23491530.000	180.000	13.054	18.473	130508.500	123821.788	-5.400
Aromatic EPH	49463588.000	360.000	4.432	18.473	137398.856	131040.962	-4.852

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	03 Oct 2025 10:19
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049814.D	Misc:	
Instrument:	FID_D	ALS Vial:	53
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.432	6.134	5171373.000	40.000	ug/ml
Aromatic C12-C16	6.135	8.763	9033436.000	60.000	ug/ml
Aromatic C16-C21	8.764	13.053	11767249.000	80.000	ug/ml
Aromatic C21-C36	13.054	18.473	23491530.000	180.000	ug/ml
Aromatic EPH	4.432	18.473	49463588.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100325AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049817.D

Aromatic C10-C12	4926316.000	40.000	4.432	6.134	123157.900	122789.439	-0.300
Aromatic C12-C16	8615482.000	60.000	6.135	8.763	143591.367	143358.701	-0.162
Aromatic C16-C21	11354359.000	80.000	8.764	13.053	141929.488	142171.561	0.170
Aromatic C21-C36	22775904.000	180.000	13.054	18.473	126532.800	123821.788	-2.189
Aromatic EPH	47672061.000	360.000	4.432	18.473	132422.392	131040.962	-1.054

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	03 Oct 2025 14:08
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049817.D	Misc:	
Instrument:	FID_D	ALS Vial:	53
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.432	6.134	4926316.000	40.000	ug/ml
Aromatic C12-C16	6.135	8.763	8615482.000	60.000	ug/ml
Aromatic C16-C21	8.764	13.053	11354359.000	80.000	ug/ml
Aromatic C21-C36	13.054	18.473	22775904.000	180.000	ug/ml
Aromatic EPH	4.432	18.473	47672061.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE100225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056147.D

Aliphatic C9-C12	7965010.000	60.000	3.311	6.945	132750.167	140027.957	5.197
Aliphatic C12-C16	6502829.000	40.000	6.946	10.395	162570.725	153376.491	-5.995
Aliphatic C16-C21	10562347.000	60.000	10.396	13.772	176039.117	165879.737	-6.125
Aliphatic C21-C28	12151939.000	80.000	13.773	17.442	151899.238	148527.151	-2.270
Aliphatic C28-C40	16261900.000	120.000	17.443	22.448	135515.833	136251.923	0.540
Aliphatic EPH	53444025.000	360.000	3.311	22.448	148455.625	146449.789	-1.370

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Oct 2025 12:13
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056147.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.311	6.945	7965010.000	60.000	ug/ml
Aliphatic C12-C16	6.946	10.395	6502829.000	40.000	ug/ml
Aliphatic C16-C21	10.396	13.772	10562347.000	60.000	ug/ml
Aliphatic C21-C28	13.773	17.442	12151939.000	80.000	ug/ml
Aliphatic C28-C40	17.443	22.448	16261900.000	120.000	ug/ml
Aliphatic EPH	3.311	22.448	53444025.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE100225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056160.D

Aliphatic C9-C12	8211859.000	60.000	3.311	6.945	136864.317	140027.957	2.259
Aliphatic C12-C16	6753799.000	40.000	6.946	10.395	168844.975	153376.491	-10.085
Aliphatic C16-C21	11048212.000	60.000	10.396	13.772	184136.867	165879.737	-11.006
Aliphatic C21-C28	12784235.000	80.000	13.773	17.442	159802.938	148527.151	-7.592
Aliphatic C28-C40	17078354.000	120.000	17.443	22.448	142319.617	136251.923	-4.453
Aliphatic EPH	55876459.000	360.000	3.311	22.448	155212.386	146449.789	-5.983

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Oct 2025 22:06
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056160.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.311	6.945	8211859.000	60.000	ug/ml
Aliphatic C12-C16	6.946	10.395	6753799.000	40.000	ug/ml
Aliphatic C16-C21	10.396	13.772	11048212.000	60.000	ug/ml
Aliphatic C21-C28	13.773	17.442	12784235.000	80.000	ug/ml
Aliphatic C28-C40	17.443	22.448	17078354.000	120.000	ug/ml
Aliphatic EPH	3.311	22.448	55876459.000	360.000	ug/ml

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL			10/01/25			10/01/25
			Mercury	7471B		10/02/25	10/03/25	
			Metals ICP-TAL	6010D		10/02/25	10/03/25	
Q3266-02	ENV-4-6FT	SOIL			10/01/25			10/01/25
			Mercury	7471B		10/02/25	10/03/25	
			Metals ICP-TAL	6010D		10/02/25	10/07/25	

Hit Summary Sheet
SW-846

SDG No.: Q3266 **Order ID:** Q3266
Client: CDM Smith **Project ID:** MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-3-6FT								
Q3266-01	ENV-3-6FT	SOIL	Aluminum	14800		0.86	5.12	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Arsenic	9.51		0.20	1.02	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Barium	162		0.75	5.12	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Beryllium	0.78		0.026	0.31	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Cadmium	0.66		0.025	0.31	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Calcium	2430		11.4	102	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Chromium	24.5		0.048	0.51	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Cobalt	20.2		0.10	1.54	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Copper	60.1		0.23	1.02	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Iron	37400		4.09	5.12	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Lead	39.9		0.13	0.62	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Magnesium	5970		12.3	102	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Manganese	1410		0.14	1.02	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Mercury	0.028		0.010	0.017	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Nickel	34.8		0.13	2.05	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Potassium	1560		28.4	102	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Selenium	0.78	J	0.27	1.02	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Silver	1.23		0.12	0.51	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Sodium	198		18.2	102	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Vanadium	41.1		0.26	2.05	mg/Kg
Q3266-01	ENV-3-6FT	SOIL	Zinc	85.1		0.24	2.05	mg/Kg
Client ID : ENV-4-6FT								
Q3266-02	ENV-4-6FT	SOIL	Aluminum	13900		0.89	5.32	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Arsenic	8.06		0.20	1.06	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Barium	135		0.78	5.32	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Beryllium	1.43		0.027	0.32	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Cadmium	0.97		0.026	0.32	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Calcium	3060		11.8	106	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Chromium	23.9		0.050	0.53	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Cobalt	17.4		0.11	1.60	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Copper	53.1		0.23	1.06	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Iron	30600		4.25	5.32	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Lead	46.3		0.14	0.64	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Magnesium	6250		12.8	106	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Manganese	1210		0.15	1.06	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Mercury	0.080		0.0090	0.016	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Nickel	31.8		0.14	2.13	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q3266	Order ID:	Q3266
Client:	CDM Smith	Project ID:	MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3266-02	ENV-4-6FT	SOIL	Potassium	1780		29.5	106	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Selenium	0.81	J	0.28	1.06	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Silver	1.01		0.13	0.53	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Sodium	86.8	J	18.9	106	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Vanadium	35.7		0.27	2.13	mg/Kg
Q3266-02	ENV-4-6FT	SOIL	Zinc	87.7		0.25	2.13	mg/Kg



SAMPLE DATA

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Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	14800		1	0.86	5.12	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.56	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-38-2	Arsenic	9.51		1	0.20	1.02	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-39-3	Barium	162		1	0.75	5.12	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-41-7	Beryllium	0.78		1	0.026	0.31	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-43-9	Cadmium	0.66		1	0.025	0.31	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-70-2	Calcium	2430		1	11.4	102	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-47-3	Chromium	24.5	N	1	0.048	0.51	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-48-4	Cobalt	20.2	N	1	0.10	1.54	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-50-8	Copper	60.1	N	1	0.23	1.02	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7439-89-6	Iron	37400		1	4.09	5.12	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7439-92-1	Lead	39.9		1	0.13	0.62	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7439-95-4	Magnesium	5970		1	12.3	102	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7439-96-5	Manganese	1410		1	0.14	1.02	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7439-97-6	Mercury	0.028		1	0.010	0.017	mg/Kg	10/02/25 15:10	10/03/25 09:18	7471B	
7440-02-0	Nickel	34.8	N	1	0.13	2.05	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-09-7	Potassium	1560	N	1	28.4	102	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7782-49-2	Selenium	0.78	J	1	0.27	1.02	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-22-4	Silver	1.23		1	0.12	0.51	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-23-5	Sodium	198		1	18.2	102	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.05	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-62-2	Vanadium	41.1	N	1	0.26	2.05	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050
7440-66-6	Zinc	85.1		1	0.24	2.05	mg/Kg	10/02/25 10:15	10/03/25 16:29	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13900		1	0.89	5.32	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.66	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-38-2	Arsenic	8.06		1	0.20	1.06	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-39-3	Barium	135		1	0.78	5.32	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-41-7	Beryllium	1.43		1	0.027	0.32	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-43-9	Cadmium	0.97		1	0.026	0.32	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-70-2	Calcium	3060		1	11.8	106	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-47-3	Chromium	23.9	N	1	0.050	0.53	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-48-4	Cobalt	17.4	N	1	0.11	1.60	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-50-8	Copper	53.1	N	1	0.23	1.06	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7439-89-6	Iron	30600		1	4.25	5.32	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7439-92-1	Lead	46.3		1	0.14	0.64	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7439-95-4	Magnesium	6250		1	12.8	106	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7439-96-5	Manganese	1210		1	0.15	1.06	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7439-97-6	Mercury	0.080		1	0.0090	0.016	mg/Kg	10/02/25 15:10	10/03/25 09:26	7471B	
7440-02-0	Nickel	31.8	N	1	0.14	2.13	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-09-7	Potassium	1780	N	1	29.5	106	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7782-49-2	Selenium	0.81	J	1	0.28	1.06	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-22-4	Silver	1.01		1	0.13	0.53	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-23-5	Sodium	86.8	J	1	18.9	106	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.13	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-62-2	Vanadium	35.7	N	1	0.27	2.13	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050
7440-66-6	Zinc	87.7		1	0.25	2.13	mg/Kg	10/02/25 10:15	10/07/25 16:13	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

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



METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV56	Mercury	3.85	4.0	96	90 - 110	CV	10/03/2025	08:42	LB137397

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV75	Mercury	4.99	5.0	100	90 - 110	CV	10/03/2025	08:47	LB137397
CCV76	Mercury	5.02	5.0	100	90 - 110	CV	10/03/2025	09:21	LB137397
CCV77	Mercury	4.85	5.0	97	90 - 110	CV	10/03/2025	09:38	LB137397

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Antimony	4030	4000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Arsenic	3940	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Barium	7900	8000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Beryllium	199	200	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cadmium	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Calcium	19600	20000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Chromium	799	800	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cobalt	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Copper	1010	1000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Iron	3950	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Lead	3840	4000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Magnesium	19600	20000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Manganese	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Nickel	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Potassium	19400	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Selenium	3960	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Silver	960	1000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Sodium	19300	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Thallium	3750	4000	94	90 - 110	P	10/03/2025	12:18	LB137426
	Vanadium	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Zinc	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	114	100	114	80 - 120	P	10/03/2025	13:05	LB137426
	Antimony	53.8	50.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Arsenic	22.0	20.0	110	80 - 120	P	10/03/2025	13:05	LB137426
	Barium	99.1	100	99	80 - 120	P	10/03/2025	13:05	LB137426
	Beryllium	6.51	6.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Cadmium	6.05	6.0	101	80 - 120	P	10/03/2025	13:05	LB137426
	Calcium	2060	2000	103	80 - 120	P	10/03/2025	13:05	LB137426
	Chromium	10.4	10.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Cobalt	30.1	30.0	100	80 - 120	P	10/03/2025	13:05	LB137426
	Copper	21.3	20.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Iron	92.9	100	93	80 - 120	P	10/03/2025	13:05	LB137426
	Lead	12.8	12.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Magnesium	2160	2000	108	80 - 120	P	10/03/2025	13:05	LB137426
	Manganese	21.2	20.0	106	80 - 120	P	10/03/2025	13:05	LB137426
	Nickel	41.3	40.0	103	80 - 120	P	10/03/2025	13:05	LB137426
	Potassium	1960	2000	98	80 - 120	P	10/03/2025	13:05	LB137426
	Selenium	19.3	20.0	96	80 - 120	P	10/03/2025	13:05	LB137426
	Silver	10.2	10.0	102	80 - 120	P	10/03/2025	13:05	LB137426
	Sodium	1990	2000	100	80 - 120	P	10/03/2025	13:05	LB137426
	Thallium	41.8	40.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Vanadium	39.2	40.0	98	80 - 120	P	10/03/2025	13:05	LB137426
	Zinc	42.4	40.0	106	80 - 120	P	10/03/2025	13:05	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9960	10000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Antimony	5040	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Arsenic	5030	5000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Beryllium	247	250	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cadmium	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Calcium	24800	25000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Chromium	989	1000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cobalt	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Copper	1260	1250	101	90 - 110	P	10/03/2025	13:37	LB137426
	Iron	4900	5000	98	90 - 110	P	10/03/2025	13:37	LB137426
	Lead	4940	5000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Magnesium	24700	25000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Manganese	2500	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Nickel	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Potassium	24200	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Selenium	5050	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	13:37	LB137426
	Sodium	24400	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Thallium	4650	5000	93	90 - 110	P	10/03/2025	13:37	LB137426
	Vanadium	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Zinc	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
CCV02	Aluminum	9920	10000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Antimony	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Arsenic	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Barium	9880	10000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Beryllium	244	250	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cadmium	2460	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Calcium	24700	25000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Chromium	984	1000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Copper	1240	1250	99	90 - 110	P	10/03/2025	15:00	LB137426
	Iron	4860	5000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Lead	4890	5000	98	90 - 110	P	10/03/2025	15:00	LB137426

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24400	25000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Manganese	2440	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Potassium	24400	25000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Selenium	5040	5000	101	90 - 110	P	10/03/2025	15:00	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	15:00	LB137426
	Sodium	24300	25000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Thallium	4580	5000	92	90 - 110	P	10/03/2025	15:00	LB137426
	Vanadium	2470	2500	99	90 - 110	P	10/03/2025	15:00	LB137426
	Zinc	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
CCV03	Aluminum	9680	10000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Antimony	5140	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Arsenic	5080	5000	102	90 - 110	P	10/03/2025	15:51	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	15:51	LB137426
	Beryllium	239	250	96	90 - 110	P	10/03/2025	15:51	LB137426
	Cadmium	2440	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Calcium	24200	25000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Chromium	972	1000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Copper	1250	1250	100	90 - 110	P	10/03/2025	15:51	LB137426
	Iron	5230	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Lead	4860	5000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Magnesium	23500	25000	94	90 - 110	P	10/03/2025	15:51	LB137426
	Manganese	2420	2500	97	90 - 110	P	10/03/2025	15:51	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Potassium	25700	25000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Selenium	5170	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Silver	1240	1250	99	90 - 110	P	10/03/2025	15:51	LB137426
	Sodium	27300	25000	109	90 - 110	P	10/03/2025	15:51	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Vanadium	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Zinc	2490	2500	100	90 - 110	P	10/03/2025	15:51	LB137426
CCV04	Aluminum	9420	10000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Antimony	5020	5000	100	90 - 110	P	10/03/2025	16:45	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4930	5000	99	90 - 110	P	10/03/2025	16:45	LB137426
	Barium	9780	10000	98	90 - 110	P	10/03/2025	16:45	LB137426
	Beryllium	234	250	93	90 - 110	P	10/03/2025	16:45	LB137426
	Cadmium	2360	2500	94	90 - 110	P	10/03/2025	16:45	LB137426
	Calcium	23600	25000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Chromium	938	1000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Cobalt	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Copper	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Iron	5120	5000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Lead	4700	5000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Magnesium	22700	25000	91	90 - 110	P	10/03/2025	16:45	LB137426
	Manganese	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Nickel	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Potassium	24100	25000	96	90 - 110	P	10/03/2025	16:45	LB137426
	Selenium	5060	5000	101	90 - 110	P	10/03/2025	16:45	LB137426
	Silver	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Sodium	25400	25000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	16:45	LB137426
	Vanadium	2390	2500	96	90 - 110	P	10/03/2025	16:45	LB137426
	Zinc	2420	2500	97	90 - 110	P	10/03/2025	16:45	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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	Aluminum	7920	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Antimony	4110	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Arsenic	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Barium	7940	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Beryllium	201	200	100	90 - 110	P	10/07/2025	10:54	LB137447
	Cadmium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Calcium	19900	20000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Chromium	817	800	102	90 - 110	P	10/07/2025	10:54	LB137447
	Cobalt	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Copper	1020	1000	102	90 - 110	P	10/07/2025	10:54	LB137447
	Iron	4130	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Lead	3890	4000	97	90 - 110	P	10/07/2025	10:54	LB137447
	Magnesium	19900	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Manganese	1990	2000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Nickel	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Potassium	20200	20000	101	90 - 110	P	10/07/2025	10:54	LB137447
	Selenium	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Silver	1030	1000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Sodium	20100	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Thallium	3720	4000	93	90 - 110	P	10/07/2025	10:54	LB137447
	Vanadium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Zinc	2020	2000	101	90 - 110	P	10/07/2025	10:54	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	92.2	100	92	80 - 120	P	10/07/2025	12:01	LB137447
	Antimony	49.4	50.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Arsenic	18.4	20.0	92	80 - 120	P	10/07/2025	12:01	LB137447
	Barium	95.7	100	96	80 - 120	P	10/07/2025	12:01	LB137447
	Beryllium	6.20	6.0	103	80 - 120	P	10/07/2025	12:01	LB137447
	Cadmium	5.85	6.0	98	80 - 120	P	10/07/2025	12:01	LB137447
	Calcium	2020	2000	101	80 - 120	P	10/07/2025	12:01	LB137447
	Chromium	9.65	10.0	96	80 - 120	P	10/07/2025	12:01	LB137447
	Cobalt	29.0	30.0	97	80 - 120	P	10/07/2025	12:01	LB137447
	Copper	21.9	20.0	110	80 - 120	P	10/07/2025	12:01	LB137447
	Iron	119	100	119	80 - 120	P	10/07/2025	12:01	LB137447
	Lead	11.1	12.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Magnesium	2070	2000	104	80 - 120	P	10/07/2025	12:01	LB137447
	Manganese	20.8	20.0	104	80 - 120	P	10/07/2025	12:01	LB137447
	Nickel	39.6	40.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Potassium	1910	2000	95	80 - 120	P	10/07/2025	12:01	LB137447
	Selenium	23.6	20.0	118	80 - 120	P	10/07/2025	12:01	LB137447
	Silver	9.88	10.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Sodium	1890	2000	94	80 - 120	P	10/07/2025	12:01	LB137447
	Thallium	43.0	40.0	107	80 - 120	P	10/07/2025	12:01	LB137447
	Vanadium	37.3	40.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Zinc	36.9	40.0	92	80 - 120	P	10/07/2025	12:01	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Barium	9980	10000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Beryllium	252	250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Calcium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Cobalt	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Copper	1270	1250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Iron	5200	5000	104	90 - 110	P	10/07/2025	12:50	LB137447
	Lead	4980	5000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Manganese	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Potassium	25500	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	12:50	LB137447
	Sodium	25600	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Thallium	4870	5000	97	90 - 110	P	10/07/2025	12:50	LB137447
	Vanadium	2520	2500	101	90 - 110	P	10/07/2025	12:50	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	12:50	LB137447
CCV02	Aluminum	9930	10000	99	90 - 110	P	10/07/2025	14:19	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	14:19	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	14:19	LB137447
	Barium	9770	10000	98	90 - 110	P	10/07/2025	14:19	LB137447
	Beryllium	250	250	100	90 - 110	P	10/07/2025	14:19	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Calcium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	14:19	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	14:19	LB137447
	Iron	5340	5000	107	90 - 110	P	10/07/2025	14:19	LB137447
	Lead	4960	5000	99	90 - 110	P	10/07/2025	14:19	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Manganese	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Potassium	26100	25000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Selenium	5190	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Silver	1290	1250	103	90 - 110	P	10/07/2025	14:19	LB137447
	Sodium	25000	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Thallium	5200	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Vanadium	2500	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	14:19	LB137447
CCV03	Aluminum	10000	10000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Arsenic	4970	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Barium	9860	10000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Beryllium	253	250	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cadmium	2440	2500	98	90 - 110	P	10/07/2025	15:08	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Chromium	1010	1000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cobalt	2420	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Copper	1240	1250	99	90 - 110	P	10/07/2025	15:08	LB137447
	Iron	5120	5000	102	90 - 110	P	10/07/2025	15:08	LB137447
	Lead	4840	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Magnesium	25100	25000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Manganese	2510	2500	100	90 - 110	P	10/07/2025	15:08	LB137447
	Nickel	2430	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Potassium	24200	25000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Selenium	5070	5000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Silver	1250	1250	100	90 - 110	P	10/07/2025	15:08	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	15:08	LB137447
	Thallium	4850	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
CCV04	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	15:08	LB137447
	Zinc	2520	2500	101	90 - 110	P	10/07/2025	15:08	LB137447
	Aluminum	9980	10000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Antimony	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5090	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Barium	9920	10000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Beryllium	254	250	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cadmium	2490	2500	100	90 - 110	P	10/07/2025	16:00	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Chromium	1020	1000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Iron	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Lead	4950	5000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	16:00	LB137447
	Manganese	2530	2500	101	90 - 110	P	10/07/2025	16:00	LB137447
	Nickel	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Potassium	24300	25000	97	90 - 110	P	10/07/2025	16:00	LB137447
	Selenium	5180	5000	104	90 - 110	P	10/07/2025	16:00	LB137447
	Silver	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	16:00	LB137447
	Thallium	5000	5000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
	Zinc	2550	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
CCV05	Aluminum	9820	10000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Arsenic	5000	5000	100	90 - 110	P	10/07/2025	16:50	LB137447
	Barium	9540	10000	95	90 - 110	P	10/07/2025	16:50	LB137447
	Beryllium	245	250	98	90 - 110	P	10/07/2025	16:50	LB137447
	Cadmium	2480	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Calcium	24500	25000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Cobalt	2450	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	16:50	LB137447
	Iron	5320	5000	106	90 - 110	P	10/07/2025	16:50	LB137447
	Lead	4890	5000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Manganese	2430	2500	97	90 - 110	P	10/07/2025	16:50	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Potassium	26200	25000	105	90 - 110	P	10/07/2025	16:50	LB137447
	Selenium	5090	5000	102	90 - 110	P	10/07/2025	16:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	16:50	LB137447
	Sodium	26000	25000	104	90 - 110	P	10/07/2025	16:50	LB137447
	Thallium	5150	5000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Vanadium	2490	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Zinc	2620	2500	105	90 - 110	P	10/07/2025	16:50	LB137447
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Antimony	5030	5000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Arsenic	5040	5000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Barium	9460	10000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Beryllium	244	250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Cadmium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Chromium	1000	1000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Cobalt	2440	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	17:49	LB137447
	Iron	4840	5000	97	90 - 110	P	10/07/2025	17:49	LB137447
	Lead	4880	5000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Manganese	2420	2500	97	90 - 110	P	10/07/2025	17:49	LB137447
	Nickel	2450	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Potassium	25200	25000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	17:49	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Sodium	23800	25000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Thallium	4750	5000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Vanadium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	17:49	LB137447
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Antimony	5100	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Arsenic	5120	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Barium	9570	10000	96	90 - 110	P	10/07/2025	18:44	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3266
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Cadmium	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Chromium	997	1000	100	90 - 110	P	10/07/2025	18:44	LB137447
	Cobalt	2460	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	18:44	LB137447
	Iron	4950	5000	99	90 - 110	P	10/07/2025	18:44	LB137447
	Lead	4920	5000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Magnesium	24600	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Manganese	2440	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Nickel	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Potassium	24000	25000	96	90 - 110	P	10/07/2025	18:44	LB137447
	Selenium	5280	5000	106	90 - 110	P	10/07/2025	18:44	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Sodium	24600	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Thallium	5050	5000	101	90 - 110	P	10/07/2025	18:44	LB137447
	Vanadium	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
CCV08	Aluminum	9510	10000	95	90 - 110	P	10/07/2025	19:20	LB137447
	Antimony	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Arsenic	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Barium	9160	10000	92	90 - 110	P	10/07/2025	19:20	LB137447
	Beryllium	238	250	95	90 - 110	P	10/07/2025	19:20	LB137447
	Cadmium	2370	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Calcium	23500	25000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Chromium	967	1000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Cobalt	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Copper	1210	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Iron	4810	5000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Lead	4720	5000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Magnesium	23900	25000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Manganese	2350	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Nickel	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Potassium	23100	25000	92	90 - 110	P	10/07/2025	19:20	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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
CCV08	Selenium	4950	5000	99	90 - 110	P	10/07/2025	19:20	LB137447
	Silver	1200	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Sodium	24000	25000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Thallium	4540	5000	91	90 - 110	P	10/07/2025	19:20	LB137447
	Vanadium	2380	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Zinc	2420	2500	97	90 - 110	P	10/07/2025	19:20	LB137447

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE
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
CRA	Mercury	0.20	0.2	101	70 - 130	CV	10/03/2025	08:52	LB137397
CRI01	Aluminum	118	100	118	65 - 135	P	10/03/2025	13:16	LB137426
	Antimony	50.6	50.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Arsenic	21.4	20.0	107	65 - 135	P	10/03/2025	13:16	LB137426
	Barium	100	100	100	65 - 135	P	10/03/2025	13:16	LB137426
	Beryllium	6.49	6.0	108	65 - 135	P	10/03/2025	13:16	LB137426
	Cadmium	6.04	6.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Calcium	2060	2000	103	65 - 135	P	10/03/2025	13:16	LB137426
	Chromium	9.90	10.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Cobalt	29.7	30.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Copper	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Iron	91.2	100	91	65 - 135	P	10/03/2025	13:16	LB137426
	Lead	10.2	12.0	85	65 - 135	P	10/03/2025	13:16	LB137426
	Magnesium	2140	2000	107	65 - 135	P	10/03/2025	13:16	LB137426
	Manganese	21.0	20.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Nickel	40.9	40.0	102	65 - 135	P	10/03/2025	13:16	LB137426
	Potassium	1890	2000	94	65 - 135	P	10/03/2025	13:16	LB137426
	Selenium	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Silver	10.5	10.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Sodium	1910	2000	95	65 - 135	P	10/03/2025	13:16	LB137426
	Thallium	39.4	40.0	98	65 - 135	P	10/03/2025	13:16	LB137426
	Vanadium	39.8	40.0	100	65 - 135	P	10/03/2025	13:16	LB137426
	Zinc	42.0	40.0	105	65 - 135	P	10/03/2025	13:16	LB137426
CRI01	Aluminum	90.0	100	90	65 - 135	P	10/07/2025	12:10	LB137447
	Antimony	49.9	50.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Arsenic	17.7	20.0	88	65 - 135	P	10/07/2025	12:10	LB137447
	Barium	97.4	100	97	65 - 135	P	10/07/2025	12:10	LB137447
	Beryllium	6.27	6.0	104	65 - 135	P	10/07/2025	12:10	LB137447
	Cadmium	5.96	6.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Calcium	2040	2000	102	65 - 135	P	10/07/2025	12:10	LB137447
	Chromium	9.90	10.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Cobalt	29.6	30.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Copper	22.2	20.0	111	65 - 135	P	10/07/2025	12:10	LB137447
	Iron	123	100	123	65 - 135	P	10/07/2025	12:10	LB137447
	Lead	12.1	12.0	101	65 - 135	P	10/07/2025	12:10	LB137447

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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	Magnesium	2090	2000	104	65 - 135	P	10/07/2025	12:10	LB137447
	Manganese	20.9	20.0	105	65 - 135	P	10/07/2025	12:10	LB137447
	Nickel	40.1	40.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Potassium	1880	2000	94	65 - 135	P	10/07/2025	12:10	LB137447
	Selenium	22.6	20.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Silver	9.85	10.0	98	65 - 135	P	10/07/2025	12:10	LB137447
	Sodium	1910	2000	95	65 - 135	P	10/07/2025	12:10	LB137447
	Thallium	45.0	40.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Vanadium	37.6	40.0	94	65 - 135	P	10/07/2025	12:10	LB137447
	Zinc	37.9	40.0	95	65 - 135	P	10/07/2025	12:10	LB137447



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB56	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	08:45	LB137397

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB75	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	08:50	LB137397
CCB76	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	09:23	LB137397
CCB77	Mercury	0.076	+/-0.2	U	0.20	CV	10/03/2025	09:41	LB137397

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.6	+/-50	J	100	P	10/03/2025	13:12	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	13:12	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:12	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:12	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:12	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q3266
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	13:41	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:41	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:41	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
CCB02	Aluminum	11.3	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	15:04	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	15:04	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	15:04	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	15:04	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Thallium	10.1	+/-20	J	40.0	P	10/03/2025	15:04	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
CCB03	Aluminum	11.3	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:00	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:00	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:00	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
CCB04	Aluminum	11.3	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:49	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:49	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:49	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:49	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:06	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:06	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:06	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Thallium	5.24	+/-20	J	40.0	P	10/07/2025	12:06	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:06	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q3266
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:58	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:58	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:58	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
CCB02	Aluminum	14.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	14:24	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	14:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	14:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Iron	28.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	14:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	14:24	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q3266
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Thallium	5.15	+/-20	J	40.0	P	10/07/2025	14:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
CCB03	Aluminum	11.3	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	15:12	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	15:12	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	15:12	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Thallium	6.22	+/-20	J	40.0	P	10/07/2025	15:12	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
CCB04	Aluminum	11.3	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	16:04	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	16:04	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	16:04	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Thallium	5.51	+/-20	J	40.0	P	10/07/2025	16:04	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
CCB05	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:01	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:01	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:01	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Thallium	5.07	+/-20	J	40.0	P	10/07/2025	17:01	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
CCB06	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:59	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:59	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:59	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:59	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
CCB07	Aluminum	11.3	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	18:48	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	18:48	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	18:48	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
CCB08	Aluminum	11.3	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	19:24	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	19:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	19:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	19:24	LB137447

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169964BL		SOLID		Batch Number:	PB169964		Prep Date:	10/02/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	10/03/2025	09:00	LB137397

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3266

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169960BL	SOLID			Batch Number:	PB169960		Prep Date:	10/02/2025	
	Aluminum	0.84	<2.5	U	5.00	P	10/03/2025	15:12	LB137426
	Antimony	0.22	<1.25	U	2.50	P	10/03/2025	15:12	LB137426
	Arsenic	0.19	<0.5	U	1.00	P	10/03/2025	15:12	LB137426
	Barium	0.73	<2.5	U	5.00	P	10/03/2025	15:12	LB137426
	Beryllium	0.025	<0.15	U	0.30	P	10/03/2025	15:12	LB137426
	Cadmium	0.024	<0.15	U	0.30	P	10/03/2025	15:12	LB137426
	Calcium	11.1	<50	U	100	P	10/03/2025	15:12	LB137426
	Chromium	0.047	<0.25	U	0.50	P	10/03/2025	15:12	LB137426
	Cobalt	0.10	<0.75	U	1.50	P	10/03/2025	15:12	LB137426
	Copper	0.22	<0.5	U	1.00	P	10/03/2025	15:12	LB137426
	Iron	3.99	<2.5	U	5.00	P	10/03/2025	15:12	LB137426
	Lead	0.13	<0.3	U	0.60	P	10/03/2025	15:12	LB137426
	Magnesium	12.0	<50	U	100	P	10/03/2025	15:12	LB137426
	Manganese	0.14	<0.5	U	1.00	P	10/03/2025	15:12	LB137426
	Nickel	0.13	<1	U	2.00	P	10/03/2025	15:12	LB137426
	Potassium	27.7	<50	U	100	P	10/03/2025	15:12	LB137426
	Selenium	0.26	<0.5	U	1.00	P	10/03/2025	15:12	LB137426
	Silver	0.12	<0.25	U	0.50	P	10/03/2025	15:12	LB137426
	Sodium	17.8	<50	U	100	P	10/03/2025	15:12	LB137426
	Thallium	0.57	<1	J	2.00	P	10/03/2025	15:12	LB137426
	Vanadium	0.25	<1	U	2.00	P	10/03/2025	15:12	LB137426
	Zinc	0.23	<1	U	2.00	P	10/03/2025	15:12	LB137426

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3266</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	245000	255000	96	216000	294000	10/03/2025	13:20	LB137426
	Antimony	3.52			-50	50	10/03/2025	13:20	LB137426
	Arsenic	8.41			-20	20	10/03/2025	13:20	LB137426
	Barium	1.66	6.0	28	-94	106	10/03/2025	13:20	LB137426
	Beryllium	1.42			-6	6	10/03/2025	13:20	LB137426
	Cadmium	0.91	1.0	91	-5	7	10/03/2025	13:20	LB137426
	Calcium	236000	245000	96	208000	282000	10/03/2025	13:20	LB137426
	Chromium	46.6	52.0	90	42	62	10/03/2025	13:20	LB137426
	Cobalt	0.68			-30	30	10/03/2025	13:20	LB137426
	Copper	3.06	2.0	153	-18	22	10/03/2025	13:20	LB137426
	Iron	99600	101000	99	85600	116500	10/03/2025	13:20	LB137426
	Lead	0.97			-12	12	10/03/2025	13:20	LB137426
	Magnesium	247000	255000	97	216000	294000	10/03/2025	13:20	LB137426
	Manganese	-1.76	7.0	25	-13	27	10/03/2025	13:20	LB137426
	Nickel	3.93	2.0	196	-38	42	10/03/2025	13:20	LB137426
	Potassium	187			0	0	10/03/2025	13:20	LB137426
	Selenium	9.27			-20	20	10/03/2025	13:20	LB137426
	Silver	1.41			-10	10	10/03/2025	13:20	LB137426
	Sodium	127			0	0	10/03/2025	13:20	LB137426
	Thallium	11.3			-40	40	10/03/2025	13:20	LB137426
	Vanadium	4.84			-40	40	10/03/2025	13:20	LB137426
	Zinc	1.66			-40	40	10/03/2025	13:20	LB137426
ICSAB01	Aluminum	247000	247000	100	209000	285000	10/03/2025	13:25	LB137426
	Antimony	609	618	98	525	711	10/03/2025	13:25	LB137426
	Arsenic	110	104	106	88.4	120	10/03/2025	13:25	LB137426
	Barium	496	537	92	437	637	10/03/2025	13:25	LB137426
	Beryllium	516	495	104	420	570	10/03/2025	13:25	LB137426
	Cadmium	980	972	101	826	1120	10/03/2025	13:25	LB137426
	Calcium	235000	235000	100	199000	271000	10/03/2025	13:25	LB137426
	Chromium	553	542	102	460	624	10/03/2025	13:25	LB137426
	Cobalt	491	476	103	404	548	10/03/2025	13:25	LB137426
	Copper	484	511	95	434	588	10/03/2025	13:25	LB137426
	Iron	97500	99300	98	84400	114500	10/03/2025	13:25	LB137426
	Lead	49.1	49.0	100	37	61	10/03/2025	13:25	LB137426
	Magnesium	248000	248000	100	210000	286000	10/03/2025	13:25	LB137426
	Manganese	492	507	97	430	584	10/03/2025	13:25	LB137426
	Nickel	981	954	103	810	1100	10/03/2025	13:25	LB137426
	Potassium	15.2			0	0	10/03/2025	13:25	LB137426
	Selenium	56.4	46.0	123	26	66	10/03/2025	13:25	LB137426
	Silver	208	201	104	170	232	10/03/2025	13:25	LB137426
	Sodium	92.2			0	0	10/03/2025	13:25	LB137426
	Thallium	105	108	97	68	148	10/03/2025	13:25	LB137426

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3266</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	485	491	99	417	565	10/03/2025	13:25	LB137426
	Zinc	1030	952	108	809	1095	10/03/2025	13:25	LB137426
ICSA01	Aluminum	243000	255000	95	216000	294000	10/07/2025	12:14	LB137447
	Antimony	-5.05			-50	50	10/07/2025	12:14	LB137447
	Arsenic	3.53			-20	20	10/07/2025	12:14	LB137447
	Barium	-8.30	6.0	138	-94	106	10/07/2025	12:14	LB137447
	Beryllium	1.74			-6	6	10/07/2025	12:14	LB137447
	Cadmium	2.40	1.0	240	-5	7	10/07/2025	12:14	LB137447
	Calcium	234000	245000	96	208000	282000	10/07/2025	12:14	LB137447
	Chromium	47.2	52.0	91	42	62	10/07/2025	12:14	LB137447
	Cobalt	1.06			-30	30	10/07/2025	12:14	LB137447
	Copper	13.8	2.0	690	-18	22	10/07/2025	12:14	LB137447
	Iron	94400	101000	94	85600	116500	10/07/2025	12:14	LB137447
	Lead	-1.11			-12	12	10/07/2025	12:14	LB137447
	Magnesium	246000	255000	96	216000	294000	10/07/2025	12:14	LB137447
	Manganese	6.71	7.0	96	-13	27	10/07/2025	12:14	LB137447
	Nickel	2.60	2.0	130	-38	42	10/07/2025	12:14	LB137447
	Potassium	-102			0	0	10/07/2025	12:14	LB137447
	Selenium	8.06			-20	20	10/07/2025	12:14	LB137447
	Silver	-0.34			-10	10	10/07/2025	12:14	LB137447
	Sodium	-109			0	0	10/07/2025	12:14	LB137447
	Thallium	33.6			-40	40	10/07/2025	12:14	LB137447
	Vanadium	-0.97			-40	40	10/07/2025	12:14	LB137447
	Zinc	-0.92			-40	40	10/07/2025	12:14	LB137447
ICSAB01	Aluminum	247000	247000	100	209000	285000	10/07/2025	12:37	LB137447
	Antimony	604	618	98	525	711	10/07/2025	12:37	LB137447
	Arsenic	107	104	103	88.4	120	10/07/2025	12:37	LB137447
	Barium	477	537	89	437	637	10/07/2025	12:37	LB137447
	Beryllium	496	495	100	420	570	10/07/2025	12:37	LB137447
	Cadmium	990	972	102	826	1120	10/07/2025	12:37	LB137447
	Calcium	231000	235000	98	199000	271000	10/07/2025	12:37	LB137447
	Chromium	540	542	100	460	624	10/07/2025	12:37	LB137447
	Cobalt	493	476	104	404	548	10/07/2025	12:37	LB137447
	Copper	489	511	96	434	588	10/07/2025	12:37	LB137447
	Iron	97100	99300	98	84400	114500	10/07/2025	12:37	LB137447
	Lead	50.4	49.0	103	37	61	10/07/2025	12:37	LB137447
	Magnesium	246000	248000	99	210000	286000	10/07/2025	12:37	LB137447
	Manganese	477	507	94	430	584	10/07/2025	12:37	LB137447
	Nickel	982	954	103	810	1100	10/07/2025	12:37	LB137447
	Potassium	-317			0	0	10/07/2025	12:37	LB137447
	Selenium	60.1	46.0	131	26	66	10/07/2025	12:37	LB137447
	Silver	205	201	102	170	232	10/07/2025	12:37	LB137447

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3266</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-119			0	0	10/07/2025	12:37	LB137447
	Thallium	140	108	130	68	148	10/07/2025	12:37	LB137447
	Vanadium	475	491	97	417	565	10/07/2025	12:37	LB137447
	Zinc	1020	952	107	809	1095	10/07/2025	12:37	LB137447



METAL QC DATA

A

B

C

D

E

F

G

H

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	CDM Smith	level:	low	sdg no.:	Q3266
contract:	CAMP02			lab code:	ACE
matrix:	Solid	sample id:	Q2409-05	client id:	COP-SOIL-PILEMS

Percent Solids for Sample:	96.4	Spiked ID:	Q2409-05MS	Percent Solids for Spike Sample:	96.4
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Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.52		0.30		0.25	89		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	CDM Smith			level:	low		sdg no.:	Q3266		
contract:	CAMP02						lab code:	ACE		
matrix:	Solid			sample id:	Q2409-05		client id:	COP-SOIL-PILEMSD		
Percent Solids for Sample:		96.4		Spiked ID:		Q2409-05MSD		Percent Solids for Spike Sample:		96.4
Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.56		0.30		0.26	101		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>CDM Smith</u>	level: <u>low</u>	sdg no.: <u>Q3266</u>
contract: <u>CAMP02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3266-02</u>	client id: <u>ENV-4-6FTMS</u>
Percent Solids for Sample: 87	Spiked ID: Q3266-02MS	Percent Solids for Spike Sample: 87

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	14900		13900		95.8	1028		P
Antimony	mg/Kg	75 - 125	11.1		2.66	U	38.3	29	N	P
Arsenic	mg/Kg	75 - 125	37.7		8.06		38.3	78		P
Barium	mg/Kg	75 - 125	154		135		9.6	206		P
Beryllium	mg/Kg	75 - 125	8.83		1.43		9.6	77		P
Cadmium	mg/Kg	75 - 125	10.6		0.97		9.6	101		P
Calcium	mg/Kg	75 - 125	3220		3060		47.9	329		P
Chromium	mg/Kg	75 - 125	36.7		23.9		19.2	67	N	P
Cobalt	mg/Kg	75 - 125	27.7		17.4		9.6	107		P
Copper	mg/Kg	75 - 125	77.0		53.1		14.4	166	N	P
Iron	mg/Kg	75 - 125	29500		30600		140	-854		P
Lead	mg/Kg	75 - 125	87.7		46.3		47.9	87		P
Magnesium	mg/Kg	75 - 125	6820		6250		95.8	595		P
Manganese	mg/Kg	75 - 125	1220		1210		9.6	26		P
Nickel	mg/Kg	75 - 125	58.1		31.8		23.9	110		P
Potassium	mg/Kg	75 - 125	2390		1780		480	126	N	P
Selenium	mg/Kg	75 - 125	72.3		0.81	J	95.8	75		P
Silver	mg/Kg	75 - 125	4.03		1.01		3.6	84		P
Sodium	mg/Kg	75 - 125	216		86.8	J	140	92		P
Thallium	mg/Kg	75 - 125	84.5		2.13	U	95.8	88		P
Vanadium	mg/Kg	75 - 125	43.4		35.7		14.4	54	N	P
Zinc	mg/Kg	75 - 125	102		87.7		9.6	152		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>CDM Smith</u>	level: <u>low</u>	sdg no.: <u>Q3266</u>
contract: <u>CAMP02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3266-02</u>	client id: <u>ENV-4-6FTMSD</u>
Percent Solids for Sample: 87	Spiked ID: Q3266-02MSD	Percent Solids for Spike Sample: 87

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	15900		13900		97.0	2127		P
Antimony	mg/Kg	75 - 125	11.3		2.66	U	38.8	29	N	P
Arsenic	mg/Kg	75 - 125	39.3		8.06		38.8	80		P
Barium	mg/Kg	75 - 125	163		135		9.7	295		P
Beryllium	mg/Kg	75 - 125	9.15		1.43		9.7	80		P
Cadmium	mg/Kg	75 - 125	11.1		0.97		9.7	104		P
Calcium	mg/Kg	75 - 125	3410		3060		48.5	720		P
Chromium	mg/Kg	75 - 125	39.1		23.9		19.4	78		P
Cobalt	mg/Kg	75 - 125	29.9		17.4		9.7	129	N	P
Copper	mg/Kg	75 - 125	75.2		53.1		14.5	152	N	P
Iron	mg/Kg	75 - 125	31700		30600		150	730		P
Lead	mg/Kg	75 - 125	95.8		46.3		48.5	102		P
Magnesium	mg/Kg	75 - 125	7150		6250		97.0	927		P
Manganese	mg/Kg	75 - 125	1300		1210		9.7	941		P
Nickel	mg/Kg	75 - 125	62.2		31.8		24.2	126	N	P
Potassium	mg/Kg	75 - 125	2540		1780		480	157	N	P
Selenium	mg/Kg	75 - 125	74.5		0.81	J	97.0	76		P
Silver	mg/Kg	75 - 125	4.27		1.01		3.6	91		P
Sodium	mg/Kg	75 - 125	227		86.8	J	150	93		P
Thallium	mg/Kg	75 - 125	82.1		2.13	U	97.0	85		P
Vanadium	mg/Kg	75 - 125	46.6		35.7		14.5	75		P
Zinc	mg/Kg	75 - 125	111		87.7		9.7	237		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>CDM Smith</u>	SDG No.: <u>Q3266</u>	
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>ENV-4-6FTA</u>
Sample ID: <u>Q3266-02</u>	Spiked ID: <u>Q3266-02A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	35.0		2.66	U	42.6	82		P
Chromium	mg/Kg	75 - 125	40.6		23.9		21.3	78		P
Cobalt	mg/Kg	75 - 125	27.4		17.4		10.6	95		P
Copper	mg/Kg	75 - 125	65.4		53.1		16.0	77		P
Nickel	mg/Kg	75 - 125	57.0		31.8		26.6	95		P
Potassium	mg/Kg	75 - 125	2110		1780		530	61	N	P
Vanadium	mg/Kg	75 - 125	48.2		35.7		16.0	78		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3266</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2409-05</u>	Client ID:	<u>COP-SOIL-PILEDUP</u>
Percent Solids for Sample:	96.4	Duplicate ID	Q2409-05DUP	Percent Solids for Spike Sample:	96.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.30		0.29		5		CV

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3266</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2409-05MS</u>	Client ID:	<u>COP-SOIL-PILEMSD</u>
Percent Solids for Sample:	96.4	Duplicate ID	Q2409-05MSD	Percent Solids for Spike Sample:	96.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.52		0.56		8		CV

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3266-02 **Client ID:** ENV-4-6FTDUP
Percent Solids for Sample: 87 **Duplicate ID** Q3266-02DUP **Percent Solids for Spike Sample:** 87

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	13900		13400		4		P
Antimony	mg/Kg	20	2.66	U	2.57	U			P
Arsenic	mg/Kg	20	8.06		7.20		11		P
Barium	mg/Kg	20	135		146		8		P
Beryllium	mg/Kg	20	1.43		1.31		9		P
Cadmium	mg/Kg	20	0.97		1.07		10		P
Calcium	mg/Kg	20	3060		3110		2		P
Chromium	mg/Kg	20	23.9		21.0		13		P
Cobalt	mg/Kg	20	17.4		17.2		1		P
Copper	mg/Kg	20	53.1		61.5		15		P
Iron	mg/Kg	20	30600		27900		9		P
Lead	mg/Kg	20	46.3		42.4		9		P
Magnesium	mg/Kg	20	6250		6300		1		P
Manganese	mg/Kg	20	1210		1170		3		P
Nickel	mg/Kg	20	31.8		32.6		2		P
Potassium	mg/Kg	20	1780		1710		4		P
Selenium	mg/Kg	20	0.81	J	0.61	J	29		P
Silver	mg/Kg	20	1.01		0.74		31		P
Sodium	mg/Kg	20	86.8	J	118		30		P
Thallium	mg/Kg	20	2.13	U	2.05	U			P
Vanadium	mg/Kg	20	35.7		32.4		10		P
Zinc	mg/Kg	20	87.7		88.3		1		P

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3266</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3266-02MS</u>	Client ID:	<u>ENV-4-6FTMSD</u>
Percent Solids for Sample:	87	Duplicate ID	Q3266-02MSD	Percent Solids for Spike Sample:	87

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	14900		15900		6		P
Antimony	mg/Kg	20	11.1		11.3		2		P
Arsenic	mg/Kg	20	37.7		39.3		4		P
Barium	mg/Kg	20	154		163		6		P
Beryllium	mg/Kg	20	8.83		9.15		4		P
Cadmium	mg/Kg	20	10.6		11.1		4		P
Calcium	mg/Kg	20	3220		3410		6		P
Chromium	mg/Kg	20	36.7		39.1		6		P
Cobalt	mg/Kg	20	27.7		29.9		8		P
Copper	mg/Kg	20	77.0		75.2		2		P
Iron	mg/Kg	20	29500		31700		7		P
Lead	mg/Kg	20	87.7		95.8		9		P
Magnesium	mg/Kg	20	6820		7150		5		P
Manganese	mg/Kg	20	1220		1300		6		P
Nickel	mg/Kg	20	58.1		62.2		7		P
Potassium	mg/Kg	20	2390		2540		6		P
Selenium	mg/Kg	20	72.3		74.5		3		P
Silver	mg/Kg	20	4.03		4.27		6		P
Sodium	mg/Kg	20	216		227		5		P
Thallium	mg/Kg	20	84.5		82.1		3		P
Vanadium	mg/Kg	20	43.4		46.6		7		P
Zinc	mg/Kg	20	102		111		8		P

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

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q3266</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169960BS							
Aluminum	mg/Kg	100	96.8		97	80 - 120	P
Antimony	mg/Kg	40.0	38.9		97	80 - 120	P
Arsenic	mg/Kg	40.0	38.7		97	80 - 120	P
Barium	mg/Kg	10.0	9.41		94	80 - 120	P
Beryllium	mg/Kg	10.0	10.3		103	80 - 120	P
Cadmium	mg/Kg	10.0	9.53		95	80 - 120	P
Calcium	mg/Kg	50.0	47.9	J	96	80 - 120	P
Chromium	mg/Kg	20.0	20.2		101	80 - 120	P
Cobalt	mg/Kg	10.0	9.54		95	80 - 120	P
Copper	mg/Kg	15.0	15.0		100	80 - 120	P
Iron	mg/Kg	150	146		97	80 - 120	P
Lead	mg/Kg	50.0	46.9		94	80 - 120	P
Magnesium	mg/Kg	100	98.8	J	99	80 - 120	P
Manganese	mg/Kg	10.0	9.71		97	80 - 120	P
Nickel	mg/Kg	25.0	24.4		98	80 - 120	P
Potassium	mg/Kg	500	437		87	80 - 120	P
Selenium	mg/Kg	100	98.9		99	80 - 120	P
Silver	mg/Kg	3.8	3.66		96	80 - 120	P
Sodium	mg/Kg	150	137		91	80 - 120	P
Thallium	mg/Kg	100	114		114	80 - 120	P
Vanadium	mg/Kg	15.0	14.5		97	80 - 120	P
Zinc	mg/Kg	10.0	9.84		98	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q3266</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169964BS Mercury	mg/Kg	0.25	0.27		106	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

COP-SOIL-PILEL

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **Lb No.:** lb137397 **Lab Sample ID :** Q2409-05L **SDG No.:** Q3266
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.30	0.24	21		CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

ENV-4-6FTL

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **Lb No.:** lb137447 **Lab Sample ID :** Q3266-02L **SDG No.:** Q3266
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	13900		17200		24		P
Antimony	2.66	U	13.3	U			P
Arsenic	8.06		8.70		8		P
Barium	135		160		19		P
Beryllium	1.43		1.82		28		P
Cadmium	0.97		0.76	J	22		P
Calcium	3060		3860		26		P
Chromium	23.9		30.1		26		P
Cobalt	17.4		18.4		6		P
Copper	53.1		72.1		36		P
Iron	30600		36300		19		P
Lead	46.3		50.4		9		P
Magnesium	6250		7880		26		P
Manganese	1210		1500		24		P
Nickel	31.8		34.2		8		P
Potassium	1780		2140		20		P
Selenium	0.81	J	5.32	U	100.0		P
Silver	1.01		0.72	J	29		P
Sodium	86.8	J	532	U	100.0		P
Thallium	2.13	U	1.22	J	100.0		P
Vanadium	35.7		44.3		24		P
Zinc	87.7		108		23		P



METAL PREPARATION & INSTRUMENT DATA

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Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3266

Contract: CAMP02

Lab Code: ACE

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
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169960							
PB169960BL	PB169960BL	MB	SOLID	10/02/2025	2.00	100.0	100.00
PB169960BS	PB169960BS	LCS	SOLID	10/02/2025	2.00	100.0	100.00
Q3266-01	ENV-3-6FT	SAM	SOLID	10/02/2025	2.43	100.0	80.30
Q3266-02	ENV-4-6FT	SAM	SOLID	10/02/2025	2.16	100.0	87.00
Q3266-02DUP	ENV-4-6FTDUP	DUP	SOLID	10/02/2025	2.24	100.0	87.00
Q3266-02MS	ENV-4-6FTMS	MS	SOLID	10/02/2025	2.40	100.0	87.00
Q3266-02MSD	ENV-4-6FTMSD	MSD	SOLID	10/02/2025	2.37	100.0	87.00

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith **SDG No.:** Q3266
Contract: CAMP02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169964							
PB169964BL	PB169964BL	MB	SOLID	10/02/2025	0.54	35.0	100.00
PB169964BS	PB169964BS	LCS	SOLID	10/02/2025	0.57	35.0	100.00
Q2409-05DUP	COP-SOIL-PILEDUP	DUP	SOLID	10/02/2025	0.55	35.0	96.40
Q2409-05MS	COP-SOIL-PILEMS	MS	SOLID	10/02/2025	0.59	35.0	96.40
Q2409-05MSD	COP-SOIL-PILEMSD	MSD	SOLID	10/02/2025	0.55	35.0	96.40
Q3266-01	ENV-3-6FT	SAM	SOLID	10/02/2025	0.50	35.0	80.30
Q3266-02	ENV-4-6FT	SAM	SOLID	10/02/2025	0.51	35.0	87.00

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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3266

Instrument id number: _____

Method: _____

Run number: LB137397

Start date: 10/03/2025

End date: 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0827	HG
S0.2	S0.2	1	0829	HG
S2.5	S2.5	1	0831	HG
S5	S5	1	0834	HG
S7.5	S7.5	1	0836	HG
S10	S10	1	0839	HG
ICV56	ICV56	1	0842	HG
ICB56	ICB56	1	0845	HG
CCV75	CCV75	1	0847	HG
CCB75	CCB75	1	0850	HG
CRA	CRA	1	0852	HG
PB169964BL	PB169964BL	1	0900	HG
PB169964BS	PB169964BS	1	0902	HG
Q2409-05DUP	COP-SOIL-PILEDUP	1	0907	HG
Q2409-05MS	COP-SOIL-PILEMS	1	0910	HG
Q2409-05MSD	COP-SOIL-PILEMSD	1	0916	HG
Q3266-01	ENV-3-6FT	1	0918	HG
CCV76	CCV76	1	0921	HG
CCB76	CCB76	1	0923	HG
Q3266-02	ENV-4-6FT	1	0926	HG
Q2409-05L	COP-SOIL-PILEL	5	0934	HG
CCV77	CCV77	1	0938	HG
CCB77	CCB77	1	0941	HG

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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3266

Instrument id number:

Method:

Run number: LB137426

Start date: 10/03/2025

End date: 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1202	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1218	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169960BL	PB169960BL	1	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169960BS	PB169960BS	1	1517	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-01	ENV-3-6FT	1	1629	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1645	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1649	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3266

Instrument id number:
Method:
Run number: LB137447

Start date: 10/07/2025

End date: 10/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1038	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1050	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1508	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02	ENV-4-6FT	1	1613	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02DUP	ENV-4-6FTDUP	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02L	ENV-4-6FTL	5	1620	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02MS	ENV-4-6FTMS	1	1625	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02MSD	ENV-4-6FTMSD	1	1629	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3266-02A	ENV-4-6FTA	1	1633	Co,Cr,Cu,K,Ni,Sb,V
CCV05	CCV05	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1701	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1848	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1920	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 908-642-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: NECOGOWTPFEAS - Geotech Inv
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX: :

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP:
ATTENTION: Marcie Encinas PHONE: 908-642-5565

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. TCL VOC+10
2. TCL SVOC+20
3. TAL Metal
4. Mercury
5. PCB
6. TCL Pesticide
7. Herbicide
8. EPH
9.

PRESERVATIVES

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	ENV-3 / 6ft	Soil		X	10/1/25	7:50	4	X	X	X	X	X	X	X	X		
2.	ENV-4 / 6ft	Soil		X	10/1/25	11:00	4	X	X	X	X	X	X	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>M.H. [Signature]</u>	DATE/TIME: <u>10/1/25</u> <u>1410</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.7</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: _____	RECEIVED BY: 2. _____	Comments: _____
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>10/1/25</u> <u>1500</u>	RECEIVED BY: 3. _____	Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3266 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 10/1/2025 3:15:00 PM
Project Name : MWCO CJO WTP Edison 2
Receive Date Time : 10/1/2025 3:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3266-01	ENV-3-6FT	Solid	10/01/2025	07:50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3266-02	ENV-4-6FT	Solid	10/01/2025	11:00					
			10/01/2025		VOC-TCLVOA-10		8260D	10 Bus. Days	

Transfer

*Stored in 25A
Box # 02 and Extract
in 207 # 06*

Relinquished By :

Date / Time : 10/1/25 1530

Received By :

Date / Time : 10-1-25 15:35

Storage Area : VOA Refridgerator Room