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

LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			VOC-TCLVOA-10	8260D			09/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

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

0

Total Voc :

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	5.15 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
VY023265.D	1	09/02/25 15:10	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.30	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.30	ug/Kg
75-01-4	Vinyl Chloride	0.84	U	0.84	5.30	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.30	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.30	ug/Kg
67-64-1	Acetone	5.10	U	5.10	26.7	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.30	ug/Kg
75-09-2	Methylene Chloride	3.80	UQ	3.80	10.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	5.30	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	5.30	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	26.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.30	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.30	ug/Kg
67-66-3	Chloroform	0.90	U	0.90	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.97	U	0.97	5.30	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	0.83	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	26.7	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	5.15 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
VY023265.D	1	09/02/25 15:10	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.69	U	0.69	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.66	U	0.66	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.7	ug/Kg
124-48-1	Dibromochloromethane	0.93	U	0.93	5.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.94	U	0.94	5.30	ug/Kg
127-18-4	Tetrachloroethene	1.10	UQ	1.10	5.30	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.7	ug/Kg
95-47-6	o-Xylene	0.87	U	0.87	5.30	ug/Kg
100-42-5	Styrene	0.76	U	0.76	5.30	ug/Kg
75-25-2	Bromoform	0.92	U	0.92	5.30	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		63 - 155	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	49.3		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		17 - 146	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	590000	7.707			
540-36-3	1,4-Difluorobenzene	1100000	8.616			
3114-55-4	Chlorobenzene-d5	927000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	306000	13.346			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	5.15 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
VY023265.D	1	09/02/25 15:10	VY090225

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2994-01	PAULDING-WC1	1,2-Dichloroethane-d4	50	54.5	109		63	155
		Dibromofluoromethane	50	53.6	107		70	134
		Toluene-d8	50	49.3	99		74	123
		4-Bromofluorobenzene	50	40.6	81		17	146
VY0902SBL01	VY0902SBL01	1,2-Dichloroethane-d4	50	55.0	110		63	155
		Dibromofluoromethane	50	54.1	108		70	134
		Toluene-d8	50	51.0	102		74	123
		4-Bromofluorobenzene	50	46.5	93		17	146
VY0902SBS01	VY0902SBS01	1,2-Dichloroethane-d4	50	49.1	98		63	155
		Dibromofluoromethane	50	53.3	107		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VY0902SBSD01	VY0902SBSD01	1,2-Dichloroethane-d4	50	50.3	101		63	155
		Dibromofluoromethane	50	55.2	110		70	134
		Toluene-d8	50	54.0	108		74	123
		4-Bromofluorobenzene	50	53.5	107		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023254.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0902SBS01	Dichlorodifluoromethane	20	21.2	ug/Kg	106			64	136	
	Chloromethane	20	19.4	ug/Kg	97			52	151	
	Vinyl chloride	20	19.8	ug/Kg	99			56	148	
	Bromomethane	20	22.7	ug/Kg	114			58	141	
	Chloroethane	20	20.1	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.3	ug/Kg	112			81	123	
	1,1-Dichloroethene	20	21.4	ug/Kg	107			79	121	
	Acetone	100	140	ug/Kg	140			40	171	
	Carbon disulfide	20	19.9	ug/Kg	100			59	130	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			77	129	
	Methyl Acetate	20	19.7	ug/Kg	99			69	149	
	Methylene Chloride	20	27.8	ug/Kg	139		*	72	131	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			80	123	
	1,1-Dichloroethane	20	20.7	ug/Kg	104			82	123	
	Cyclohexane	20	18.5	ug/Kg	93			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	22.5	ug/Kg	113			76	129	
	cis-1,2-Dichloroethene	20	21.3	ug/Kg	106			82	123	
	Bromochloromethane	20	21.7	ug/Kg	109			80	127	
	Chloroform	20	21.8	ug/Kg	109			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.2	ug/Kg	101			77	123	
	Benzene	20	21.8	ug/Kg	109			84	121	
	1,2-Dichloroethane	20	21.6	ug/Kg	108			81	126	
	Trichloroethene	20	23.6	ug/Kg	118			83	122	
	1,2-Dichloropropane	20	21.8	ug/Kg	109			83	122	
	Bromodichloromethane	20	22.5	ug/Kg	113			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.8	ug/Kg	109			83	122	
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106			78	124	
	cis-1,3-Dichloropropene	20	21.4	ug/Kg	107			81	122	
	1,1,2-Trichloroethane	20	22.8	ug/Kg	114			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	23.3	ug/Kg	117			79	125	
	1,2-Dibromoethane	20	23.1	ug/Kg	116			80	125	
	Tetrachloroethene	20	25.5	ug/Kg	128		*	83	125	
	Chlorobenzene	20	22.0	ug/Kg	110			84	122	
	Ethyl Benzene	20	20.6	ug/Kg	103			82	124	
	m/p-Xylenes	40	43.0	ug/Kg	108			83	124	
	o-Xylene	20	21.1	ug/Kg	106			83	123	
	Styrene	20	21.3	ug/Kg	106			82	124	
	Bromoform	20	23.6	ug/Kg	118			75	127	
	Isopropylbenzene	20	19.9	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	19.6	ug/Kg	98			77	127	
	1,3-Dichlorobenzene	20	21.3	ug/Kg	106			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.6	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023254.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0902SBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/Kg	101			66	134	
	1,2,4-Trichlorobenzene	20	20.9	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.1	ug/Kg	106			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and **Datafile :** VY023255.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0902SBSD01	Dichlorodifluoromethane	20	22.9	ug/Kg	115	8		64	136	20
	Chloromethane	20	20.2	ug/Kg	101	4		52	151	20
	Vinyl chloride	20	20.8	ug/Kg	104	5		56	148	20
	Bromomethane	20	23.1	ug/Kg	116	2		58	141	20
	Chloroethane	20	21.5	ug/Kg	108	7		69	130	20
	Trichlorofluoromethane	20	21.9	ug/Kg	110	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115	3		81	123	20
	1,1-Dichloroethene	20	22.0	ug/Kg	110	3		79	121	20
	Acetone	100	130	ug/Kg	130	7		40	171	20
	Carbon disulfide	20	20.8	ug/Kg	104	4		59	130	20
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103	3		77	129	20
	Methyl Acetate	20	20.8	ug/Kg	104	5		69	149	20
	Methylene Chloride	20	28.9	ug/Kg	145	4	*	72	131	20
	trans-1,2-Dichloroethene	20	22.1	ug/Kg	111	6		80	123	20
	1,1-Dichloroethane	20	21.5	ug/Kg	108	4		82	123	20
	Cyclohexane	20	19.3	ug/Kg	97	4		76	122	20
	2-Butanone	100	120	ug/Kg	120	0		69	131	20
	Carbon Tetrachloride	20	23.1	ug/Kg	116	3		76	129	20
	cis-1,2-Dichloroethene	20	21.7	ug/Kg	109	3		82	123	20
	Bromochloromethane	20	20.8	ug/Kg	104	5		80	127	20
	Chloroform	20	22.5	ug/Kg	113	4		82	125	20
	1,1,1-Trichloroethane	20	22.4	ug/Kg	112	4		80	126	20
	Methylcyclohexane	20	21.3	ug/Kg	106	5		77	123	20
	Benzene	20	22.5	ug/Kg	113	4		84	121	20
	1,2-Dichloroethane	20	22.3	ug/Kg	112	4		81	126	20
	Trichloroethene	20	24.3	ug/Kg	121	3		83	122	20
	1,2-Dichloropropane	20	22.3	ug/Kg	112	3		83	122	20
	Bromodichloromethane	20	23.1	ug/Kg	116	3		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		70	135	20
	Toluene	20	22.8	ug/Kg	114	4		83	122	20
	t-1,3-Dichloropropene	20	21.9	ug/Kg	110	4		78	124	20
	cis-1,3-Dichloropropene	20	22.3	ug/Kg	112	5		81	122	20
	1,1,2-Trichloroethane	20	23.9	ug/Kg	119	4		82	125	20
	2-Hexanone	100	110	ug/Kg	110	0		66	138	20
	Dibromochloromethane	20	24.1	ug/Kg	121	3		79	125	20
	1,2-Dibromoethane	20	23.4	ug/Kg	117	1		80	125	20
	Tetrachloroethene	20	26.3	ug/Kg	132	3	*	83	125	20
	Chlorobenzene	20	23.1	ug/Kg	116	5		84	122	20
	Ethyl Benzene	20	22.0	ug/Kg	110	7		82	124	20
	m/p-Xylenes	40	45.5	ug/Kg	114	5		83	124	20
	o-Xylene	20	22.2	ug/Kg	111	5		83	123	20
	Styrene	20	23.0	ug/Kg	115	8		82	124	20
	Bromoform	20	24.7	ug/Kg	124	5		75	127	20
	Isopropylbenzene	20	21.5	ug/Kg	108	8		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.4	ug/Kg	107	9		77	127	20
	1,3-Dichlorobenzene	20	23.5	ug/Kg	117	10		83	122	20
	1,4-Dichlorobenzene	20	22.8	ug/Kg	114	5		84	121	20
	1,2-Dichlorobenzene	20	23.3	ug/Kg	117	8		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8260D

Client: Core Environmental Consultants and S **Datafile :** VY023255.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0902SBSD01	1,2-Dibromo-3-Chloropropane	20	21.4	ug/Kg	107	6		66	134	20
	1,2,4-Trichlorobenzene	20	23.2	ug/Kg	116	11		78	127	20
	1,2,3-Trichlorobenzene	20	23.0	ug/Kg	115	8		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY0902SBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2994

Lab File ID: VY023253.D Lab Sample ID: VY0902SBL01

Date Analyzed: 09/02/2025 Time Analyzed: 10:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0902SBS01	VY0902SBS01	VY023254.D	09/02/2025
VY0902SBSD01	VY0902SBSD01	VY023255.D	09/02/2025
PAULDING-WC1	Q2994-01	VY023265.D	09/02/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: VY023048.D | BFB Injection Date: 08/12/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:26

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	19.2
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	83.2
175	5.0 - 9.0% of mass 174	6.3 (7.6) 1
176	95.0 - 101.0% of mass 174	80.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4) 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
VSTDICC005	VSTDICC005	VY023050.D	08/12/2025	14:54
VSTDICC010	VSTDICC010	VY023051.D	08/12/2025	15:17
VSTDICC020	VSTDICC020	VY023052.D	08/12/2025	15:40
VSTDICCC050	VSTDICCC050	VY023053.D	08/12/2025	16:02
VSTDICC100	VSTDICC100	VY023054.D	08/12/2025	16:25
VSTDICC150	VSTDICC150	VY023055.D	08/12/2025	16:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: VY023251.D | BFB Injection Date: 09/02/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:28

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	18.1
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (1) 1
174	50.0 - 100.0% of mass 95	91.5
175	5.0 - 9.0% of mass 174	6.8 (7.4) 1
176	95.0 - 101.0% of mass 174	87.4 (95.5) 1
177	5.0 - 9.0% of mass 176	5.7 (6.5) 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	VY023252.D	09/02/2025	08:58
VY0902SBL01	VY0902SBL01	VY023253.D	09/02/2025	10:05
VY0902SBS01	VY0902SBS01	VY023254.D	09/02/2025	10:32
VY0902SBSD01	VY0902SBSD01	VY023255.D	09/02/2025	10:54
PAULDING-WC1	Q2994-01	VY023265.D	09/02/2025	15:10

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2994

Lab File ID: VY023252.D Date Analyzed: 09/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:58

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	475955	7.71	695623	8.62	620932	11.42
UPPER LIMIT	951910	8.213	1391250	9.115	1241860	11.92
LOWER LIMIT	237978	7.213	347812	8.115	310466	10.92
EPA SAMPLE NO.						
PAULDING-WC1	590164	7.71	1097764	8.62	927290	11.41
VY0902SBL01	633947	7.71	1182526	8.62	1069383	11.42
VY0902SBS01	456395	7.71	704595	8.62	630936	11.41
VY0902SBSD01	455942	7.71	701236	8.62	619173	11.41

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2994

Lab File ID: VY023252.D Date Analyzed: 09/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:58

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	319834	13.346				
UPPER LIMIT	639668	13.846				
LOWER LIMIT	159917	12.846				
EPA SAMPLE NO.						
PAULDING-WC1	306386	13.35				
VY0902SBL01	430142	13.35				
VY0902SBS01	331529	13.35				
VY0902SBSD01	320346	13.35				

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBL01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBL01	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
VY023253.D	1	09/02/25 10:05	VY090225

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBL01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBL01	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
VY023253.D	1	09/02/25 10:05	VY090225

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	55.0		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	51.0		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	634000	7.713			
540-36-3	1,4-Difluorobenzene	1180000	8.616			
3114-55-4	Chlorobenzene-d5	1070000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	430000	13.346			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBL01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBL01	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
VY023253.D	1	09/02/25 10:05	VY090225

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBS01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBS01	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
VY023254.D	1	09/02/25 10:32	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.3		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	21.4		1.00	5.00	ug/Kg
67-64-1	Acetone	140		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	27.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.0		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.7		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.5		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.5		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.7		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.2		0.91	5.00	ug/Kg
71-43-2	Benzene	21.8		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	23.6		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.8		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBS01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBS01	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
VY023254.D	1	09/02/25 10:32	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	23.3		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	23.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	25.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	22.0		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.0		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.1		0.82	5.00	ug/Kg
100-42-5	Styrene	21.3		0.71	5.00	ug/Kg
75-25-2	Bromoform	23.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.9		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.6		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.9		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.1		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	51.9		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.713			
540-36-3	1,4-Difluorobenzene	705000	8.616			
3114-55-4	Chlorobenzene-d5	631000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	332000	13.347			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBS01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBS01	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
VY023254.D	1	09/02/25 10:32	VY090225

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBSD01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBSD01	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
VY023255.D	1	09/02/25 10:54	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.5		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.9		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.0		1.00	5.00	ug/Kg
67-64-1	Acetone	130		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	28.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	22.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	120		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	23.1		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.7		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.8		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.4		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	21.3		0.91	5.00	ug/Kg
71-43-2	Benzene	22.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.3		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	24.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	23.1		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	22.8		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBSD01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBSD01	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
VY023255.D	1	09/02/25 10:54	VY090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	22.3		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	23.9		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	24.1		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	23.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	26.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	23.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	45.5		1.20	10.0	ug/Kg
95-47-6	o-Xylene	22.2		0.82	5.00	ug/Kg
100-42-5	Styrene	23.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	24.7		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.5		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	23.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	22.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	23.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.4		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	23.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	23.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	54.0		74 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		17 - 146	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	456000	7.713			
540-36-3	1,4-Difluorobenzene	701000	8.616			
3114-55-4	Chlorobenzene-d5	619000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	320000	13.346			

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	VY0902SBSD01	SDG No.:	Q2994
Lab Sample ID:	VY0902SBSD01	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
VY023255.D	1	09/02/25 10:54	VY090225

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.487	0.463	0.460	0.348	0.337	0.354	0.408	16.8
Chloromethane	0.699	0.707	0.736	0.607	0.603	0.613	0.661	9
Vinyl Chloride	0.868	0.870	0.875	0.769	0.754	0.766	0.817	7.3
Bromomethane	0.673	0.638	0.653	0.540	0.576	0.581	0.610	8.5
Chloroethane	0.585	0.567	0.569	0.515	0.508	0.516	0.543	6.2
Trichlorofluoromethane	1.059	1.044	1.048	0.937	0.900	0.974	0.994	6.7
1,1,2-Trichlorotrifluoroethane	0.522	0.519	0.521	0.462	0.445	0.472	0.490	7
1,1-Dichloroethene	0.492	0.505	0.502	0.463	0.454	0.475	0.482	4.4
Acetone	0.110	0.111	0.106	0.103	0.094	0.096	0.103	6.9
Carbon Disulfide	1.656	1.663	1.662	1.491	1.453	1.501	1.571	6.3
Methyl tert-butyl Ether	1.181	1.268	1.296	1.236	1.202	1.308	1.249	4.1
Methyl Acetate	0.299	0.308	0.325	0.322	0.280	0.309	0.307	5.4
Methylene Chloride	0.861	0.706	0.606	0.510	0.511	0.524	0.620	22.7
trans-1,2-Dichloroethene	0.535	0.561	0.559	0.523	0.520	0.550	0.541	3.3
1,1-Dichloroethane	0.929	0.969	0.984	0.918	0.907	0.945	0.942	3.1
Cyclohexane	1.040	0.934	0.905	0.816	0.792	0.838	0.888	10.4
2-Butanone	0.135	0.152	0.143	0.142	0.129	0.142	0.140	5.5
Carbon Tetrachloride	0.490	0.486	0.505	0.466	0.466	0.484	0.483	3.1
cis-1,2-Dichloroethene	0.621	0.624	0.645	0.607	0.610	0.648	0.626	2.8
Bromochloromethane	0.367	0.379	0.393	0.365	0.367	0.371	0.374	2.9
Chloroform	0.969	0.997	1.002	0.943	0.936	0.981	0.971	2.8
1,1,1-Trichloroethane	0.862	0.877	0.899	0.837	0.833	0.864	0.862	2.8
Methylcyclohexane	0.574	0.579	0.605	0.566	0.575	0.614	0.586	3.3
Benzene	1.354	1.375	1.430	1.334	1.334	1.395	1.370	2.8
1,2-Dichloroethane	0.353	0.370	0.371	0.347	0.339	0.359	0.356	3.6
Trichloroethene	0.354	0.355	0.373	0.341	0.342	0.359	0.354	3.3
1,2-Dichloropropane	0.303	0.321	0.326	0.309	0.309	0.325	0.315	3.1
Bromodichloromethane	0.446	0.464	0.489	0.459	0.456	0.481	0.466	3.5
4-Methyl-2-Pentanone	0.168	0.201	0.200	0.199	0.190	0.211	0.195	7.7
Toluene	0.817	0.851	0.902	0.858	0.873	0.921	0.870	4.3

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

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

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.377	0.410	0.435	0.420	0.428	0.459	0.422	6.5
cis-1,3-Dichloropropene	0.457	0.486	0.513	0.496	0.500	0.540	0.499	5.5
1,1,2-Trichloroethane	0.230	0.242	0.253	0.239	0.236	0.254	0.242	4
2-Hexanone	0.112	0.134	0.137	0.136	0.131	0.146	0.133	8.6
Dibromochloromethane	0.300	0.317	0.326	0.318	0.316	0.340	0.320	4.1
1,2-Dibromoethane	0.206	0.232	0.237	0.226	0.222	0.242	0.228	5.6
Tetrachloroethene	0.477	0.463	0.475	0.435	0.393	0.437	0.446	7.2
Chlorobenzene	1.062	1.070	1.116	1.055	1.057	1.111	1.079	2.6
Ethyl Benzene	1.775	1.795	1.894	1.859	1.858	1.956	1.856	3.6
m/p-Xylenes	0.676	0.699	0.745	0.718	0.737	0.774	0.725	4.8
o-Xylene	0.605	0.643	0.696	0.686	0.702	0.742	0.679	7.1
Styrene	0.945	1.023	1.140	1.123	1.176	1.254	1.110	10
Bromoform	0.197	0.213	0.216	0.214	0.213	0.231	0.214	5
Isopropylbenzene	3.420	3.483	3.602	3.505	3.514	3.650	3.529	2.4
1,1,2,2-Tetrachloroethane	0.584	0.647	0.605	0.585	0.581	0.613	0.603	4.2
1,3-Dichlorobenzene	1.600	1.642	1.701	1.610	1.656	1.752	1.660	3.5
1,4-Dichlorobenzene	1.687	1.657	1.680	1.601	1.597	1.660	1.647	2.3
1,2-Dichlorobenzene	1.410	1.472	1.496	1.420	1.438	1.499	1.456	2.7
1,2-Dibromo-3-Chloropropane	0.093	0.096	0.094	0.095	0.086	0.098	0.094	4.3
1,2,4-Trichlorobenzene	0.788	0.839	0.881	0.847	0.856	0.955	0.861	6.4
1,2,3-Trichlorobenzene	0.685	0.733	0.752	0.720	0.727	0.834	0.742	6.7
1,2-Dichloroethane-d4	0.491	0.490	0.482	0.462	0.472	0.462	0.477	2.7
Dibromofluoromethane	0.290	0.299	0.301	0.293	0.307	0.305	0.299	2.1
Toluene-d8	1.151	1.157	1.173	1.143	1.202	1.186	1.169	1.9
4-Bromofluorobenzene	0.358	0.367	0.367	0.370	0.399	0.394	0.376	4.4

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG No.: Q2994
Instrument ID: MSVOA_Y
Calibration Date/Time: 09/02/2025 08:58
Lab File ID: VY023252.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.351		-13.97	20
Chloromethane	0.661	0.552	0.1	-16.49	20
Vinyl Chloride	0.817	0.713		-12.73	20
Bromomethane	0.610	0.553		-9.34	20
Chloroethane	0.543	0.504		-7.18	20
Trichlorofluoromethane	0.994	0.939		-5.53	20
1,1,2-Trichlorotrifluoroethane	0.490	0.511		4.29	20
1,1-Dichloroethene	0.482	0.484		0.41	20
Acetone	0.103	0.117		13.59	20
Carbon Disulfide	1.571	1.429		-9.04	20
Methyl tert-butyl Ether	1.249	1.195		-4.32	20
Methyl Acetate	0.307	0.293		-4.56	20
Methylene Chloride	0.620	0.564		-9.03	20
trans-1,2-Dichloroethene	0.541	0.558		3.14	20
1,1-Dichloroethane	0.942	0.935	0.1	-0.74	20
Cyclohexane	0.888	0.774		-12.84	20
2-Butanone	0.140	0.136		-2.86	20
Carbon Tetrachloride	0.483	0.552		14.29	20
cis-1,2-Dichloroethene	0.626	0.648		3.51	20
Bromochloromethane	0.374	0.353		-5.61	20
Chloroform	0.971	1.010		4.02	20
1,1,1-Trichloroethane	0.862	0.897		4.06	20
Methylcyclohexane	0.586	0.615		4.95	20
Benzene	1.370	1.519		10.88	20
1,2-Dichloroethane	0.356	0.375		5.34	20
Trichloroethene	0.354	0.419		18.36	20
1,2-Dichloropropane	0.315	0.342		8.57	20
Bromodichloromethane	0.466	0.521		11.8	20
4-Methyl-2-Pentanone	0.195	0.192		-1.54	20
Toluene	0.870	0.991		13.91	20
t-1,3-Dichloropropene	0.422	0.452		7.11	20
cis-1,3-Dichloropropene	0.499	0.542		8.62	20
1,1,2-Trichloroethane	0.242	0.273		12.81	20
2-Hexanone	0.133	0.138		3.76	20
Dibromochloromethane	0.320	0.372		16.25	20
1,2-Dibromoethane	0.228	0.253		10.97	20
Tetrachloroethene	0.446	0.585		31.17	20
Chlorobenzene	1.079	1.213	0.3	12.42	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: MSVOA_Y Calibration Date/Time: 09/02/2025 08:58

Lab File ID: VY023252.D Init. Calib. Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 14:54 16:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	2.064		11.21	20
m/p-Xylenes	0.725	0.824		13.65	20
o-Xylene	0.679	0.764		12.52	20
Styrene	1.110	1.281		15.4	20
Bromoform	0.214	0.247	0.1	15.42	20
Isopropylbenzene	3.529	3.854		9.21	20
1,1,2,2-Tetrachloroethane	0.603	0.572	0.3	-5.14	20
1,3-Dichlorobenzene	1.660	1.894		14.1	20
1,4-Dichlorobenzene	1.647	1.841		11.78	20
1,2-Dichlorobenzene	1.456	1.643		12.84	20
1,2-Dibromo-3-Chloropropane	0.094	0.088		-6.38	20
1,2,4-Trichlorobenzene	0.861	0.967		12.31	20
1,2,3-Trichlorobenzene	0.742	0.832		12.13	20
1,2-Dichloroethane-d4	0.477	0.446		-6.5	20
Dibromofluoromethane	0.299	0.328		9.7	20
Toluene-d8	1.169	1.273		8.9	20
4-Bromofluorobenzene	0.376	0.409		8.78	20

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

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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			SVOC-TCL BNA -20	8270E		09/02/25	09/02/25	

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**PAULDING-WC1**								
Q2994-01	PAULDING-WC1	SOIL	Phenanthrene		520.000	J	110	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Fluoranthene		1,800.000		160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Pyrene		2,200.000		200	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(a)anthracene		1,100.000		130	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Chrysene		1,100.000		110	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(b)fluoranthene		1,400.000		100	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(k)fluoranthene		510.000	J	120	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(a)pyrene		1,200.000		160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Indeno(1,2,3-cd)pyrene		630.000	J	160	930	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Benzo(g,h,i)perylene		810.000	J	140	930	ug/Kg
			Total Svoc :		**11,270.00**				
Q2994-01	PAULDING-WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	390.000	AB	0	0	ug/Kg
Q2994-01	PAULDING-WC1	SOIL	Anthracene, 2-methyl-	*	460.000	J	0	0	ug/Kg
			Total Tics :		**850.00**				
			Total Concentration:		**12,120.00**				

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	860	U	860	1800	ug/Kg
108-95-2	Phenol	120	U	120	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	930	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	930	ug/Kg
95-48-7	2-Methylphenol	160	U	160	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	930	ug/Kg
98-86-2	Acetophenone	160	U	160	930	ug/Kg
65794-96-9	3+4-Methylphenols	230	U	230	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	440	ug/Kg
67-72-1	Hexachloroethane	96.5	U	96.5	930	ug/Kg
98-95-3	Nitrobenzene	100	U	100	930	ug/Kg
78-59-1	Isophorone	180	U	180	930	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	930	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	930	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	930	ug/Kg
91-20-3	Naphthalene	120	U	120	930	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	930	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	930	ug/Kg
105-60-2	Caprolactam	290	U	290	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	930	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	930	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640	U	640	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	UQ	160	930	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	930	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	930	ug/Kg
88-74-4	2-Nitroaniline	260	UQ	260	930	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	930	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	160	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	930	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	930	ug/Kg
83-32-9	Acenaphthene	120	U	120	930	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1800	ug/Kg
100-02-7	4-Nitrophenol	590	U	590	1800	ug/Kg
132-64-9	Dibenzofuran	120	U	120	930	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	930	ug/Kg
84-66-2	Diethylphthalate	160	U	160	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	930	ug/Kg
86-73-7	Fluorene	140	U	140	930	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	560	U	560	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	930	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	930	ug/Kg
1912-24-9	Atrazine	190	U	190	930	ug/Kg
87-86-5	Pentachlorophenol	280	UQ	280	1800	ug/Kg
85-01-8	Phenanthrene	520	J	110	930	ug/Kg
120-12-7	Anthracene	180	U	180	930	ug/Kg
86-74-8	Carbazole	170	U	170	930	ug/Kg
84-74-2	Di-n-butylphthalate	260	UQ	260	930	ug/Kg
206-44-0	Fluoranthene	1800		160	930	ug/Kg
129-00-0	Pyrene	2200		200	930	ug/Kg
85-68-7	Butylbenzylphthalate	390	UQ	390	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	1800	ug/Kg
56-55-3	Benzo(a)anthracene	1100		130	930	ug/Kg
218-01-9	Chrysene	1100		110	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	930	ug/Kg
117-84-0	Di-n-octyl phthalate	480	U	480	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		100	930	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	510	J	120	930	ug/Kg
50-32-8	Benzo(a)pyrene	1200		160	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630	J	160	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	150	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810	J	140	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	930	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	930	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	111		18 - 112	74%	SPK: 150
13127-88-3	Phenol-d6	110		15 - 107	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.4		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.2		20 - 109	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	75.4		10 - 105	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	40900	7.859			
1146-65-2	Naphthalene-d8	177000	10.644			
15067-26-2	Acenaphthene-d10	119000	14.481			
1517-22-2	Phenanthrene-d10	260000	17.219			
1719-03-5	Chrysene-d12	247000	21.449			
1520-96-3	Perylene-d12	280000	24.458			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	390	AB		4.98	ug/Kg
000613-12-7	Anthracene, 2-methyl-	460	J		18.1	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.07 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
BG064246.D	5	09/02/25 10:00	09/02/25 15:25	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Surrogate Summary

SW-846

SDG No.: Q2994

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169490BL	PB169490BL	2-Fluorophenol	150	146	97		18	112
		Phenol-d6	150	136	91		15	107
		Nitrobenzene-d5	100	90.9	91		18	107
		2-Fluorobiphenyl	100	87.4	87		20	109
		2,4,6-Tribromophenol	150	157	105		10	116
		Terphenyl-d14	100	91.1	91		10	105
PB169490BS	PB169490BS	2-Fluorophenol	150	135	90		18	112
		Phenol-d6	150	129	86		15	107
		Nitrobenzene-d5	100	83.6	84		18	107
		2-Fluorobiphenyl	100	81.7	82		20	109
		2,4,6-Tribromophenol	150	145	96		10	116
		Terphenyl-d14	100	81.9	82		10	105
Q2989-01MS	SOUTH-TP-5MS	2-Fluorophenol	150	95.6	64		18	112
		Phenol-d6	150	95.1	63		15	107
		Nitrobenzene-d5	100	59.7	60		18	107
		2-Fluorobiphenyl	100	53.9	54		20	109
		2,4,6-Tribromophenol	150	103	68		10	116
		Terphenyl-d14	100	57.6	58		10	105
Q2989-01MSD	SOUTH-TP-5MSD	2-Fluorophenol	150	101	67		18	112
		Phenol-d6	150	100	67		15	107
		Nitrobenzene-d5	100	63.4	63		18	107
		2-Fluorobiphenyl	100	58.3	58		20	109
		2,4,6-Tribromophenol	150	111	74		10	116
		Terphenyl-d14	100	61.1	61		10	105
Q2994-01	PAULDING-WC1	2-Fluorophenol	150	111	74		18	112
		Phenol-d6	150	110	74		15	107
		Nitrobenzene-d5	100	68.4	68		18	107
		2-Fluorobiphenyl	100	71.2	71		20	109
		2,4,6-Tribromophenol	150	103	69		10	116
		Terphenyl-d14	100	75.4	75		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025641.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2989-01MS		**Client Sample ID: SOUTH-TP-5MS**									
Benzaldehyde	1100	0	560	ug/Kg	51				10	171	
Phenol	1100	0	1100	ug/Kg	100				51	122	
bis(2-Chloroethyl)ether	1100	0	1000	ug/Kg	91				54	125	
2-Chlorophenol	1100	0	1100	ug/Kg	100				51	121	
2-Methylphenol	1100	0	1100	ug/Kg	100				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	1100	ug/Kg	100				46	119	
Acetophenone	1100	0	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	1100	ug/Kg	100				49	125	
N-Nitroso-di-n-propylamine	1100	0	1000	ug/Kg	91				59	119	
Hexachloroethane	1100	0	1100	ug/Kg	100				51	116	
Nitrobenzene	1100	0	1100	ug/Kg	100				47	124	
Isophorone	1100	0	1100	ug/Kg	100				49	127	
2-Nitrophenol	1100	0	1200	ug/Kg	109				43	131	
2,4-Dimethylphenol	1100	0	1100	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1100	0	1100	ug/Kg	100				51	119	
2,4-Dichlorophenol	1100	0	1200	ug/Kg	109				50	122	
Naphthalene	1100	0	1100	ug/Kg	100				51	121	
4-Chloroaniline	1100	0	360	ug/Kg	33				10	100	
Hexachlorobutadiene	1100	0	1100	ug/Kg	100				44	126	
Caprolactam	1100	0	1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100	0	1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100	0	1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300	0	2000	ug/Kg	87				10	175	
2,4,6-Trichlorophenol	1100	0	1200	ug/Kg	109				33	141	
2,4,5-Trichlorophenol	1100	0	1200	ug/Kg	109				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1100	ug/Kg	100				48	124	
2-Nitroaniline	1100	0	1200	ug/Kg	109				47	134	
Dimethylphthalate	1100	0	1100	ug/Kg	100				54	120	
Acenaphthylene	1100	0	1100	ug/Kg	100				57	125	
2,6-Dinitrotoluene	1100	0	1200	ug/Kg	109				48	127	
3-Nitroaniline	1100	0	610	ug/Kg	55				10	112	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300	0	2600	ug/Kg	113				10	155	
4-Nitrophenol	2300	0	2200	ug/Kg	96				10	175	
Dibenzofuran	1100	0	1100	ug/Kg	100				52	114	
2,4-Dinitrotoluene	1100	0	1200	ug/Kg	109				41	140	
Diethylphthalate	1100	0	1200	ug/Kg	109				51	119	
4-Chlorophenyl-phenylether	1100	0	1100	ug/Kg	100				48	122	
Fluorene	1100	0	1100	ug/Kg	100				53	118	
4-Nitroaniline	1100	0	1100	ug/Kg	100				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1200	ug/Kg	109				10	160	
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1200	ug/Kg	109				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025641.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2400	ug/Kg	104				13	153	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1100	ug/Kg	100				62	124	
Carbazole	1100	0	1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				55	125	
Fluoranthene	1100	0	1100	ug/Kg	100				44	125	
Pyrene	1100	0	1100	ug/Kg	100				37	122	
Butylbenzylphthalate	1100	0	1200	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	1100	0	630	ug/Kg	57				15	112	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				53	119	
Chrysene	1100	0	1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100	0	1200	ug/Kg	109				51	156	
Benzo(b)fluoranthene	1100	0	1100	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100				52	134	
1,4-Dioxane	1100	0	990	ug/Kg	90				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1200	ug/Kg	109				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025642.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2989-01MSD		**Client Sample ID: SOUTH-TP-5MSD**									
Benzaldehyde	1100	0	600	ug/Kg	55		8		10	171	20
Phenol	1100	0	1200	ug/Kg	109		9		51	122	20
bis(2-Chloroethyl)ether	1100	0	1100	ug/Kg	100		9		54	125	20
2-Chlorophenol	1100	0	1200	ug/Kg	109		9		51	121	20
2-Methylphenol	1100	0	1200	ug/Kg	109		9		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	1200	ug/Kg	109		9		46	119	20
Acetophenone	1100	0	1200	ug/Kg	109		9		55	128	20
3+4-Methylphenols	1100	0	1100	ug/Kg	100		0		49	125	20
N-Nitroso-di-n-propylamine	1100	0	1100	ug/Kg	100		9		59	119	20
Hexachloroethane	1100	0	1200	ug/Kg	109		9		51	116	20
Nitrobenzene	1100	0	1200	ug/Kg	109		9		47	124	20
Isophorone	1100	0	1200	ug/Kg	109		9		49	127	20
2-Nitrophenol	1100	0	1200	ug/Kg	109		0		43	131	20
2,4-Dimethylphenol	1100	0	1200	ug/Kg	109		9		63	151	20
bis(2-Chloroethoxy)methane	1100	0	1100	ug/Kg	100		0		51	119	20
2,4-Dichlorophenol	1100	0	1200	ug/Kg	109		0		50	122	20
Naphthalene	1100	0	1200	ug/Kg	109		9		51	121	20
4-Chloroaniline	1100	0	400	ug/Kg	36		9		10	100	20
Hexachlorobutadiene	1100	0	1200	ug/Kg	109		9		44	126	20
Caprolactam	1100	0	1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100	0	1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100	0	1100	ug/Kg	100		9		59	123	20
Hexachlorocyclopentadiene	2300	0	2200	ug/Kg	96		10		10	175	20
2,4,6-Trichlorophenol	1100	0	1300	ug/Kg	118		8		33	141	20
2,4,5-Trichlorophenol	1100	0	1300	ug/Kg	118		8		38	135	20
1,1-Biphenyl	1100	0	1200	ug/Kg	109		9		55	131	20
2-Chloronaphthalene	1100	0	1200	ug/Kg	109		9		48	124	20
2-Nitroaniline	1100	0	1300	ug/Kg	118		8		47	134	20
Dimethylphthalate	1100	0	1200	ug/Kg	109		9		54	120	20
Acenaphthylene	1100	0	1200	ug/Kg	109		9		57	125	20
2,6-Dinitrotoluene	1100	0	1300	ug/Kg	118		8		48	127	20
3-Nitroaniline	1100	0	660	ug/Kg	60		9		10	112	20
Acenaphthene	1100	0	1100	ug/Kg	100		0		70	121	20
2,4-Dinitrophenol	2300	0	2900	ug/Kg	126		11		10	155	20
4-Nitrophenol	2300	0	2400	ug/Kg	104		8		10	175	20
Dibenzofuran	1100	0	1200	ug/Kg	109		9		52	114	20
2,4-Dinitrotoluene	1100	0	1300	ug/Kg	118		8		41	140	20
Diethylphthalate	1100	0	1300	ug/Kg	118		8		51	119	20
4-Chlorophenyl-phenylether	1100	0	1200	ug/Kg	109		9		48	122	20
Fluorene	1100	0	1200	ug/Kg	109		9		53	118	20
4-Nitroaniline	1100	0	1200	ug/Kg	109		9		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1300	ug/Kg	118		8		10	160	20
N-Nitrosodiphenylamine	1100	0	1200	ug/Kg	109		9		73	118	20
4-Bromophenyl-phenylether	1100	0	1200	ug/Kg	109		9		65	121	20
Hexachlorobenzene	1100	0	1200	ug/Kg	109		9		67	118	20
Atrazine	1100	0	1300	ug/Kg	118		8		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BP025642.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	2600	ug/Kg	113		8		13	153	20
Phenanthrene	1100	0	1200	ug/Kg	109		9		52	128	20
Anthracene	1100	0	1200	ug/Kg	109		9		62	124	20
Carbazole	1100	0	1200	ug/Kg	109		9		59	119	20
Di-n-butylphthalate	1100	0	1300	ug/Kg	118		8		55	125	20
Fluoranthene	1100	0	1200	ug/Kg	109		9		44	125	20
Pyrene	1100	0	1200	ug/Kg	109		9		37	122	20
Butylbenzylphthalate	1100	0	1300	ug/Kg	118		8		44	135	20
3,3-Dichlorobenzidine	1100	0	650	ug/Kg	59		3		15	112	20
Benzo(a)anthracene	1100	0	1200	ug/Kg	109		9		53	119	20
Chrysene	1100	0	1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1300	ug/Kg	118		8		42	169	20
Di-n-octyl phthalate	1100	0	1300	ug/Kg	118		8		51	156	20
Benzo(b)fluoranthene	1100	0	1200	ug/Kg	109		9		52	117	20
Benzo(k)fluoranthene	1100	0	1200	ug/Kg	109		9		57	134	20
Benzo(a)pyrene	1100	0	1200	ug/Kg	109		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1200	ug/Kg	109		9		40	129	20
Dibenz(a,h)anthracene	1100	0	1200	ug/Kg	109		9		43	123	20
Benzo(g,h,i)perylene	1100	0	1200	ug/Kg	109		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109		9		52	134	20
1,4-Dioxane	1100	0	1000	ug/Kg	91		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1300	ug/Kg	118		8		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP025643.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169490BS	Benzaldehyde	1700	830	ug/Kg	49				10	133	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	840	ug/Kg	49				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				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	3900	ug/Kg	118				37	128	
	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BP025643.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169490BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				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	1600	ug/Kg	94				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	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169490BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BP025638.D | Lab Sample ID: PB169490BL

Instrument ID: BNA_P | Date Extracted: 09/02/2025

Matrix: (soil/water) SOIL | Date Analyzed: 09/02/2025

Level: (low/med) LOW | Time Analyzed: 14:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOUTH-TP-5MS	Q2989-01MS	BP025641.D	09/02/2025
SOUTH-TP-5MSD	Q2989-01MSD	BP025642.D	09/02/2025
PB169490BS	PB169490BS	BP025643.D	09/02/2025
PAULDING-WC1	Q2994-01	BG064246.D	09/02/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BG064217.D | DFTPP Injection Date: 08/28/2025

Instrument ID: BNA_G | DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.4) 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	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 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	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BG064239.D | DFTPP Injection Date: 09/02/2025

Instrument ID: BNA_G | DFTPP Injection Time: 09:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.3 (0.8) 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	6.8
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	16.2 (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	BG064240.D	09/02/2025	11:10
PAULDING-WC1	Q2994-01	BG064246.D	09/02/2025	15:25

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BP025390.D | DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P | DFTPP Injection Time: 10:30

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	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 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	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab File ID: BP025636.D | DFTPP Injection Date: 09/02/2025

Instrument ID: BNA_P | DFTPP Injection Time: 13:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.2 (0.5) 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	6.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (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
SSTDCCC040	SSTDCCC040	BP025637.D	09/02/2025	14:07
PB169490BL	PB169490BL	BP025638.D	09/02/2025	14:48
SOUTH-TP-5MS	Q2989-01MS	BP025641.D	09/02/2025	16:56
SOUTH-TP-5MSD	Q2989-01MSD	BP025642.D	09/02/2025	17:37
PB169490BS	PB169490BS	BP025643.D	09/02/2025	18:19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID : SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BG064240.D Time Analyzed: 11:10

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	45444	7.853	201380	10.64	132047	14.48
	UPPER LIMIT	90888	8.353	402760	11.144	264094	14.981
	LOWER LIMIT	22722	7.353	100690	10.144	66023.5	13.981
	EPA SAMPLE NO.						
01	PAULDING-WC1	40905	7.86	176725	10.64	119490	14.48

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID: SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BG064240.D Time Analyzed: 11:10

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	283321	17.219	271531	21.449	295154	24.458
	UPPER LIMIT	566642	17.719	543062	21.949	590308	24.958
	LOWER LIMIT	141661	16.719	135766	20.949	147577	23.958
	EPA SAMPLE NO.						
01	PAULDING-WC1	260040	17.22	246986	21.45	279572	24.46

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID : SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BP025637.D Time Analyzed: 14:07

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	197399	7.778	799046	10.54	505529	14.38
	UPPER LIMIT	394798	8.278	1598090	11.037	1011060	14.884
	LOWER LIMIT	98699.5	7.278	399523	10.037	252765	13.884
	EPA SAMPLE NO.						
01	PB169490BL	157709	7.77	608151	10.54	383160	14.38
02	SOUTH-TP-5MS	157447	7.77	620874	10.54	402678	14.39
03	PB169490BS	138252	7.77	552989	10.54	359421	14.38
04	SOUTH-TP-5MSD	150511	7.77	590486	10.54	380282	14.38

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2994

Client ID: SSTDCCC040 Date Analyzed: 09/02/2025

Lab File ID: BP025637.D Time Analyzed: 14:07

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	949320	17.19	971561	21.625	1105930	25.001
	UPPER LIMIT	1898640	17.69	1943120	22.125	2211860	25.501
	LOWER LIMIT	474660	16.69	485781	21.125	552965	24.501
	EPA SAMPLE NO.						
01	PB169490BL	807780	17.18	885393	21.64	953052	25.01
02	SOUTH-TP-5MS	815784	17.19	851929	21.64	966507	25.01
03	PB169490BS	750779	17.18	817465	21.63	926416	25.00
04	SOUTH-TP-5MSD	785697	17.19	824922	21.64	951740	25.01

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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BL	SDG No.:	Q2994
Lab Sample ID:	PB169490BL	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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

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	146		18 - 112	97%	SPK: 150
13127-88-3	Phenol-d6	136		15 - 107	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.9		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		10 - 116	105%	SPK: 150
1718-51-0	Terphenyl-d14	91.1		10 - 105	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	158000	7.772			
1146-65-2	Naphthalene-d8	608000	10.543			
15067-26-2	Acenaphthene-d10	383000	14.384			
1517-22-2	Phenanthrene-d10	808000	17.183			
1719-03-5	Chrysene-d12	885000	21.636			
1520-96-3	Perylene-d12	953000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	390	A		4.94	ug/Kg
000630-02-4	Octacosane	71.3	J		20.8	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.			Date Collected:	
Project:	Bayshore Soil BSM Management			Date Received:	
Client Sample ID:	PB169490BL			SDG No.:	Q2994
Lab Sample ID:	PB169490BL			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
BP025638.D	1	09/02/25 10:00	09/02/25 14:48	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	830		160	330	ug/Kg
108-95-2	Phenol	1600		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		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	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1600		18.3	170	ug/Kg
78-59-1	Isophorone	1600		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1600		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	840		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1800		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

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	3900	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1600		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1700		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		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	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3500	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		47.9	170	ug/Kg
206-44-0	Fluoranthene	1700		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169490BS	SDG No.:	Q2994
Lab Sample ID:	PB169490BS	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
BP025643.D	1	09/02/25 10:00	09/02/25 18:19	PB169490

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	1600		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	1600		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	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	129		15 - 107	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.6		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7		20 - 109	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	7.772			
1146-65-2	Naphthalene-d8	553000	10.537			
15067-26-2	Acenaphthene-d10	359000	14.384			
1517-22-2	Phenanthrene-d10	751000	17.178			
1719-03-5	Chrysene-d12	817000	21.63			
1520-96-3	Perylene-d12	926000	25.001			

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	560		110	230	ug/Kg
108-95-2	Phenol	1100		15.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.7	120	ug/Kg
95-57-8	2-Chlorophenol	1100		16.7	120	ug/Kg
95-48-7	2-Methylphenol	1100		20.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		25.7	120	ug/Kg
98-86-2	Acetophenone	1100		20.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		28.2	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		32.5	54.9	ug/Kg
67-72-1	Hexachloroethane	1100		12.1	120	ug/Kg
98-95-3	Nitrobenzene	1100		12.6	120	ug/Kg
78-59-1	Isophorone	1100		22.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		39.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		44.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		21.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		19.4	120	ug/Kg
91-20-3	Naphthalene	1100		15.6	120	ug/Kg
106-47-8	4-Chloroaniline	360		24.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		17.4	120	ug/Kg
105-60-2	Caprolactam	1100		35.7	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		19.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		17.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	E	79.6	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		13.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		20.0	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		15.0	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1200		33.0	120	ug/Kg
131-11-3	Dimethylphthalate	1100		18.6	120	ug/Kg

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		19.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		23.0	120	ug/Kg
99-09-2	3-Nitroaniline	610		31.6	120	ug/Kg
83-32-9	Acenaphthene	1100		14.6	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2200	E	73.4	230	ug/Kg
132-64-9	Dibenzofuran	1100		15.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		34.4	120	ug/Kg
84-66-2	Diethylphthalate	1200		19.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.3	120	ug/Kg
86-73-7	Fluorene	1100		17.4	120	ug/Kg
100-01-6	4-Nitroaniline	1100		44.0	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		70.7	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		17.4	120	ug/Kg
1912-24-9	Atrazine	1200		23.3	120	ug/Kg
87-86-5	Pentachlorophenol	2400	E	35.2	230	ug/Kg
85-01-8	Phenanthrene	1100		14.3	120	ug/Kg
120-12-7	Anthracene	1100		22.8	120	ug/Kg
86-74-8	Carbazole	1100		21.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		32.9	120	ug/Kg
206-44-0	Fluoranthene	1100		20.6	120	ug/Kg
129-00-0	Pyrene	1100		24.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		49.0	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		25.2	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.8	120	ug/Kg
218-01-9	Chrysene	1100		13.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		40.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		59.5	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		13.0	120	ug/Kg

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

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	50.04 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
BP025641.D	1	09/02/25 10:00	09/02/25 16:56	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		15.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		20.0	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		18.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.6	120	ug/Kg
123-91-1	1,4-Dioxane	990		31.0	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		18.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.6		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	95.1		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.7		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.9		20 - 109	54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	68%	SPK: 150
1718-51-0	Terphenyl-d14	57.6		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	157000	7.772			
1146-65-2	Naphthalene-d8	621000	10.537			
15067-26-2	Acenaphthene-d10	403000	14.389			
1517-22-2	Phenanthrene-d10	816000	17.189			
1719-03-5	Chrysene-d12	852000	21.642			
1520-96-3	Perylene-d12	967000	25.006			

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		110	230	ug/Kg
108-95-2	Phenol	1200		15.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		16.7	120	ug/Kg
95-57-8	2-Chlorophenol	1200		16.7	120	ug/Kg
95-48-7	2-Methylphenol	1200		20.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		25.7	120	ug/Kg
98-86-2	Acetophenone	1200		20.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		28.2	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		32.5	54.8	ug/Kg
67-72-1	Hexachloroethane	1200		12.1	120	ug/Kg
98-95-3	Nitrobenzene	1200		12.5	120	ug/Kg
78-59-1	Isophorone	1200		22.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		39.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		44.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		21.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		19.4	120	ug/Kg
91-20-3	Naphthalene	1200		15.6	120	ug/Kg
106-47-8	4-Chloroaniline	400		24.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		17.3	120	ug/Kg
105-60-2	Caprolactam	1200		35.7	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		19.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		17.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	79.5	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		13.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		19.9	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		14.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1300		33.0	120	ug/Kg
131-11-3	Dimethylphthalate	1200		18.6	120	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		19.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		23.0	120	ug/Kg
99-09-2	3-Nitroaniline	660		31.5	120	ug/Kg
83-32-9	Acenaphthene	1100		14.6	120	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	160	230	ug/Kg
100-02-7	4-Nitrophenol	2400	E	73.3	230	ug/Kg
132-64-9	Dibenzofuran	1200		15.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		34.3	120	ug/Kg
84-66-2	Diethylphthalate	1300		19.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		18.3	120	ug/Kg
86-73-7	Fluorene	1200		17.3	120	ug/Kg
100-01-6	4-Nitroaniline	1200		44.0	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		70.6	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		22.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		19.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		17.3	120	ug/Kg
1912-24-9	Atrazine	1300		23.3	120	ug/Kg
87-86-5	Pentachlorophenol	2600	E	35.2	230	ug/Kg
85-01-8	Phenanthrene	1200		14.3	120	ug/Kg
120-12-7	Anthracene	1200		22.8	120	ug/Kg
86-74-8	Carbazole	1200		21.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		32.8	120	ug/Kg
206-44-0	Fluoranthene	1200		20.6	120	ug/Kg
129-00-0	Pyrene	1200		24.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		48.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650		25.2	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		15.8	120	ug/Kg
218-01-9	Chrysene	1200		13.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		40.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		59.5	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		13.0	120	ug/Kg

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
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
BP025642.D	1	09/02/25 10:00	09/02/25 17:37	PB169490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1200		15.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		20.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		19.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		18.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		17.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		17.5	120	ug/Kg
123-91-1	1,4-Dioxane	1000		31.0	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		18.8	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	101		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	100		15 - 107	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	63.4		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.3		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		10 - 116	74%	SPK: 150
1718-51-0	Terphenyl-d14	61.1		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.772			
1146-65-2	Naphthalene-d8	590000	10.542			
15067-26-2	Acenaphthene-d10	380000	14.383			
1517-22-2	Phenanthrene-d10	786000	17.189			
1719-03-5	Chrysene-d12	825000	21.642			
1520-96-3	Perylene-d12	952000	25.006			

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

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG0642
25.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04
3)		Pyridine		1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09
4)		n-Nitrosodimet...			0.889	0.914	0.922	0.896	0.916	0.892	0.905	1.57
5)	S	2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36
6)		Aniline		2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90
7)	S	Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26
8)		2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44
9)		Benzaldehyde			1.181	1.115	1.375	1.193	1.439		1.260	11.00
10)	C	Phenol		1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71
11)		bis(2-Chloroet...		1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22
12)		1,3-Dichlorobe...		1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83
13)	C	1,4-Dichlorobe...		1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91
14)		1,2-Dichlorobe...		1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38
15)		Benzyl Alcohol			1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06
16)		2,2'-oxybis(1-...		2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14
17)		2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28
18)		Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57
19)	P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)		3+4-Methylphenols			1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42
23)	S	Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82
24)		Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71
25)		Isophorone		0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97
26)	C	2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86
27)		2,4-Dimethylph...		0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03
28)		bis(2-Chloroet...		0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63
29)	C	2,4-Dichloroph...		0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70
30)		1,2,4-Trichlor...		0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42
31)		Naphthalene		1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01
32)		Benzoic acid			0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35
33)		4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08
34)	C	Hexachlorobuta...		0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93
35)		Caprolactam			0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13
36)	C	4-Chloro-3-met...		0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16
37)		2-Methylnaphth...		0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10
38)		1-Methylnaphth...		0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86
41)	P	Hexachlorocycl...		0.221	0.256	0.275	0.290	0.307	0.296	0.274	11.55
42)	S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21
43)	C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23
44)		2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33
45)	S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27
46)		1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13
47)		2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94
48)		2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15
49)		Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36
50)		Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90
51)		2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00
52)	C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77
53)		3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93
54)	P	2,4-Dinitrophenol		0.096	0.137	0.178	0.184	0.190	0.190	0.163	23.29
55)		Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73
56)	P	4-Nitrophenol		0.199	0.250	0.286	0.258	0.255	0.263	0.252	11.50
57)		2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55
58)		Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30
59)		2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91
60)		Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06
61)		4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21
62)		4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93
63)		Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.107	0.118	0.121	0.129	0.128	0.115	14.38
66)	c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23
67)		4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78
68)		Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82
69)		Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42
70)	C	Pentachlorophenol		0.110	0.135	0.153	0.148	0.156	0.157	0.143	12.65
71)		Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45
72)		Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48
73)		Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01
74)		Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47
75)	C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.454	0.525	0.445	0.385	0.357	0.358	0.421	15.74
78)		Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88
79)	S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70
80)		Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72
81)		Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75
82)		3,3'-Dichlorob...		0.401	0.440	0.429	0.410	0.416	0.404	0.417	3.65
83)		Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67
84)		Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52
85)	c	Di-n-octyl pht...		1.160	1.266	1.263	1.228	1.303	1.239	1.243	3.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37
88)		Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56
89)		Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86
90)	C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83
91)		Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01
92)		Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date/Time: 09/02/2025 11:10

Lab File ID: BG064240.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.115	1.180		5.8	
Benzaldehyde	1.260	1.352		7.3	
Phenol-d6	1.532	1.622		5.9	
Phenol	1.689	1.767		4.7	20.0
bis(2-Chloroethyl)ether	1.269	1.308		3.1	
2-Chlorophenol	1.362	1.390		2.1	
2-Methylphenol	1.258	1.236		-1.7	
2,2-oxybis(1-Chloropropane)	2.897	2.888		-0.3	
Acetophenone	0.506	0.513		1.4	
3+4-Methylphenols	1.749	1.690		-3.4	
n-Nitroso-di-n-propylamine	1.172	1.137	0.050	-3.0	
Nitrobenzene-d5	0.359	0.378		5.3	
Hexachloroethane	0.571	0.585		2.5	
Nitrobenzene	0.375	0.388		3.5	
Isophorone	0.745	0.720		-3.4	
2-Nitrophenol	0.162	0.171		5.6	20.0
2,4-Dimethylphenol	0.284	0.293		3.2	
bis(2-Chloroethoxy)methane	0.402	0.411		2.2	
2,4-Dichlorophenol	0.300	0.307		2.3	20.0
Naphthalene	1.037	1.036		-0.1	
4-Chloroaniline	0.402	0.397		-1.2	
Hexachlorobutadiene	0.234	0.224		-4.3	20.0
Caprolactam	0.116	0.100		-13.8	
4-Chloro-3-methylphenol	0.389	0.372		-4.4	20.0
2-Methylnaphthalene	0.771	0.760		-1.4	
Hexachlorocyclopentadiene	0.274	0.309	0.050	12.8	
2,4,6-Trichlorophenol	0.386	0.406		5.2	20.0
2-Fluorobiphenyl	1.310	1.342		2.4	
2,4,5-Trichlorophenol	0.418	0.425		1.7	
1,1-Biphenyl	1.457	1.512		3.8	
2-Chloronaphthalene	1.095	1.124		2.6	
2-Nitroaniline	0.373	0.415		11.3	
Dimethylphthalate	1.514	1.444		-4.6	
Acenaphthylene	1.619	1.649		1.9	
2,6-Dinitrotoluene	0.293	0.296		1.0	
3-Nitroaniline	0.307	0.313		2.0	
Acenaphthene	1.142	1.161		1.7	20.0
2,4-Dinitrophenol	0.163	0.173	0.050	6.1	
4-Nitrophenol	0.252	0.246	0.050	-2.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_G Calibration Date/Time: 09/02/2025 11:10

Lab File ID: BG064240.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.797	1.767		-1.7	
2,4-Dinitrotoluene	0.443	0.453		2.3	
Diethylphthalate	1.620	1.490		-8.0	
4-Chlorophenyl-phenylether	0.734	0.706		-3.8	
Fluorene	1.473	1.425		-3.3	
4-Nitroaniline	0.313	0.318		1.6	
4,6-Dinitro-2-methylphenol	0.115	0.126		9.6	
n-Nitrosodiphenylamine	0.550	0.573		4.2	20.0
2,4,6-Tribromophenol	0.265	0.256		-3.4	
4-Bromophenyl-phenylether	0.212	0.221		4.2	
Hexachlorobenzene	0.236	0.236		0.0	
Atrazine	0.230	0.223		-3.0	
Pentachlorophenol	0.143	0.151		5.6	20.0
Phenanthrene	1.055	1.053		-0.2	
Anthracene	1.073	1.090		1.6	
Carbazole	0.945	0.950		0.5	
Di-n-butylphthalate	1.136	1.142		0.5	
Fluoranthene	1.240	1.186		-4.4	20.0
Pyrene	1.260	1.300		3.2	
Terphenyl-d14	0.959	0.983		2.5	
Butylbenzylphthalate	0.475	0.526		10.7	
3,3-Dichlorobenzidine	0.417	0.427		2.4	
Benzo(a)anthracene	1.280	1.307		2.1	
Chrysene	1.228	1.253		2.0	
Bis(2-ethylhexyl)phthalate	0.714	0.778		9.0	
Di-n-octyl phthalate	1.243	1.350		8.6	20.0
Benzo(b)fluoranthene	1.129	1.161		2.8	
Benzo(k)fluoranthene	1.150	1.201		4.4	
Benzo(a)pyrene	1.050	1.099		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.366	1.392		1.9	
Dibenzo(a,h)anthracene	1.097	1.140		3.9	
Benzo(g,h,i)perylene	1.067	1.087		1.9	
1,2,4,5-Tetrachlorobenzene	0.577	0.602		4.3	
1,4-Dioxane	0.465	0.501		7.7	20.0
2,3,4,6-Tetrachlorophenol	0.402	0.396		-1.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date/Time: 09/02/2025 14:07

Lab File ID: BP025637.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.198		-0.5	
Benzaldehyde	1.082	1.314		21.4	
Phenol-d6	1.544	1.531		-0.8	
Phenol	1.620	1.598		-1.4	20.0
bis(2-Chloroethyl)ether	1.263	1.243		-1.6	
2-Chlorophenol	1.359	1.340		-1.4	
2-Methylphenol	1.125	1.100		-2.2	
2,2-oxybis(1-Chloropropane)	1.692	1.732		2.4	
Acetophenone	0.502	0.502		0.0	
3+4-Methylphenols	1.560	1.488		-4.6	
n-Nitroso-di-n-propylamine	1.023	0.985	0.050	-3.7	
Nitrobenzene-d5	0.395	0.404		2.3	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.364		3.1	
Isophorone	0.700	0.683		-2.4	
2-Nitrophenol	0.181	0.188		3.9	20.0
2,4-Dimethylphenol	0.312	0.305		-2.2	
bis(2-Chloroethoxy)methane	0.423	0.411		-2.8	
2,4-Dichlorophenol	0.310	0.297		-4.2	20.0
Naphthalene	1.040	1.017		-2.2	
4-Chloroaniline	0.459	0.443		-3.5	
Hexachlorobutadiene	0.211	0.213		0.9	20.0
Caprolactam	0.114	0.108		-5.3	
4-Chloro-3-methylphenol	0.355	0.345		-2.8	20.0
2-Methylnaphthalene	0.676	0.649		-4.0	
Hexachlorocyclopentadiene	0.349	0.328	0.050	-6.0	
2,4,6-Trichlorophenol	0.390	0.391		0.3	20.0
2-Fluorobiphenyl	1.463	1.440		-1.6	
2,4,5-Trichlorophenol	0.427	0.425		-0.5	
1,1-Biphenyl	1.453	1.437		-1.1	
2-Chloronaphthalene	1.131	1.113		-1.6	
2-Nitroaniline	0.329	0.349		6.1	
Dimethylphthalate	1.465	1.429		-2.5	
Acenaphthylene	1.871	1.833		-2.0	
2,6-Dinitrotoluene	0.309	0.304		-1.6	
3-Nitroaniline	0.347	0.335		-3.5	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.177	0.050	7.3	
4-Nitrophenol	0.285	0.240	0.050	-15.8	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Instrument ID: BNA_P Calibration Date/Time: 09/02/2025 14:07

Lab File ID: BP025637.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.669		-3.9	
2,4-Dinitrotoluene	0.440	0.435		-1.1	
Diethylphthalate	1.488	1.410		-5.2	
4-Chlorophenyl-phenylether	0.681	0.657		-3.5	
Fluorene	1.370	1.322		-3.5	
4-Nitroaniline	0.356	0.345		-3.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.622		2.0	20.0
2,4,6-Tribromophenol	0.269	0.275		2.2	
4-Bromophenyl-phenylether	0.220	0.229		4.1	
Hexachlorobenzene	0.255	0.267		4.7	
Atrazine	0.228	0.227		-0.4	
Pentachlorophenol	0.161	0.163		1.2	20.0
Phenanthrene	1.099	1.097		-0.2	
Anthracene	1.122	1.135		1.2	
Carbazole	1.057	1.059		0.2	
Di-n-butylphthalate	1.300	1.297		-0.2	
Fluoranthene	1.311	1.300		-0.8	20.0
Pyrene	1.300	1.299		-0.1	
Terphenyl-d14	1.093	1.116		2.1	
Butylbenzylphthalate	0.589	0.585		-0.7	
3,3-Dichlorobenzidine	0.497	0.465		-6.4	
Benzo(a)anthracene	1.319	1.297		-1.7	
Chrysene	1.235	1.246		0.9	
Bis(2-ethylhexyl)phthalate	0.867	0.838		-3.3	
Di-n-octyl phthalate	1.492	1.469		-1.5	20.0
Benzo(b)fluoranthene	1.179	1.162		-1.4	
Benzo(k)fluoranthene	1.180	1.165		-1.3	
Benzo(a)pyrene	1.148	1.135		-1.1	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.441		-1.8	
Dibenzo(a,h)anthracene	1.199	1.186		-1.1	
Benzo(g,h,i)perylene	1.178	1.160		-1.5	
1,2,4,5-Tetrachlorobenzene	0.578	0.584		1.0	
1,4-Dioxane	0.472	0.451		-4.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.375		-0.5	

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			Pesticide-TCL	8081B		09/02/25	09/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2994 **Order ID:** Q2994

Client: Core Environmental Consultants and Services, In **Project ID:** Bayshore Soil BSM Management

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PAULDING-WC1								
Q2994-01	PAULDING-WC1	SOIL	4,4-DDE	1.10	JP	0.15	1.90	ug/kg
Q2994-01	PAULDING-WC1	SOIL	4,4-DDT	0.64	JP	0.15	1.90	ug/kg
Q2994-01	PAULDING-WC1	SOIL	alpha-Chlordane	3.40	P	0.13	1.90	ug/kg
Q2994-01	PAULDING-WC1	SOIL	gamma-Chlordane	2.40	P	0.16	1.90	ug/kg
			Total Concentration:	**7.540**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91 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
PD090118.D	1	09/02/25 08:59	09/02/25 17:00	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.14	U	0.14	1.90	ug/kg
319-85-7	beta-BHC	0.20	U	0.20	1.90	ug/kg
319-86-8	delta-BHC	0.43	U	0.43	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.15	U	0.15	1.90	ug/kg
76-44-8	Heptachlor	0.13	U	0.13	1.90	ug/kg
309-00-2	Aldrin	0.13	U	0.13	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.21	U	0.21	1.90	ug/kg
959-98-8	Endosulfan I	0.15	U	0.15	1.90	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.90	ug/kg
72-55-9	4,4-DDE	1.10	JP	0.15	1.90	ug/kg
72-20-8	Endrin	0.15	U	0.15	1.90	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.90	ug/kg
72-54-8	4,4-DDD	0.16	U	0.16	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	0.64	JP	0.15	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.21	U	0.21	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.41	U	0.41	1.90	ug/kg
5103-71-9	alpha-Chlordane	3.40	P	0.13	1.90	ug/kg
5103-74-2	gamma-Chlordane	2.40	P	0.16	1.90	ug/kg
8001-35-2	Toxaphene	5.90	U	5.90	36.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.31		20 - 144	47%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.1		19 - 148	55%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91 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
PD090118.D	1	09/02/25 08:59	09/02/25 17:00	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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.: Q2994

Client: Core Environmental Consultants and Ser

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089961.D	PIBLK-PD089961.D	Decachlorobiphen	1	20	19.3	96		57	171
		Tetrachloro-m-xyl	1	20	17.4	87		61	148
		Decachlorobiphen	2	20	18.3	91		57	171
		Tetrachloro-m-xyl	2	20	17.5	88		61	148
I.BLK-PD090105.D	PIBLK-PD090105.D	Decachlorobiphen	1	20	19.0	95		57	171
		Tetrachloro-m-xyl	1	20	18.4	92		61	148
		Decachlorobiphen	2	20	17.8	89		57	171
		Tetrachloro-m-xyl	2	20	19.9	99		61	148
PB169488BL	PB169488BL	Decachlorobiphen	1	20	16.6	83		20	144
		Tetrachloro-m-xyl	1	20	16.3	81		19	148
		Decachlorobiphen	2	20	16.1	80		20	144
		Tetrachloro-m-xyl	2	20	17.3	86		19	148
PB169488BS	PB169488BS	Decachlorobiphen	1	20	22.1	111		20	144
		Tetrachloro-m-xyl	1	20	20.9	104		19	148
		Decachlorobiphen	2	20	21.4	107		20	144
		Tetrachloro-m-xyl	2	20	21.4	107		19	148
Q2989-01MS	SOUTH-TP-5MS	Decachlorobiphen	1	20	15.5	77		20	144
		Tetrachloro-m-xyl	1	20	16.9	84		19	148
		Decachlorobiphen	2	20	15.1	76		20	144
		Tetrachloro-m-xyl	2	20	16.8	84		19	148
Q2989-01MSD	SOUTH-TP-5MSD	Decachlorobiphen	1	20	15.1	75		20	144
		Tetrachloro-m-xyl	1	20	16.8	84		19	148
		Decachlorobiphen	2	20	15.0	75		20	144
		Tetrachloro-m-xyl	2	20	16.6	83		19	148
Q2994-01	PAULDING-WC1	Decachlorobiphen	1	20	9.31	47		20	144
		Tetrachloro-m-xyl	1	20	9.76	49		19	148
		Decachlorobiphen	2	20	7.12	36		20	144
		Tetrachloro-m-xyl	2	20	11.1	55		19	148
I.BLK-PD090120.D	PIBLK-PD090120.D	Decachlorobiphen	1	20	17.8	89		57	171
		Tetrachloro-m-xyl	1	20	17.7	88		61	148
		Decachlorobiphen	2	20	13.8	69		57	171
		Tetrachloro-m-xyl	2	20	19.3	96		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PD090112.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2989-01MS (Column 1)**	**Client Sample ID:**		**SOUTH-TP-5MS**								
	alpha-BHC	19.05	0	17.4	ug/kg	91				60	144	
	beta-BHC	19.05	0	16.9	ug/kg	89				54	143	
	delta-BHC	19.05	0	15.1	ug/kg	79				29	151	
	gamma-BHC (Lindane)	19.05	0	17.2	ug/kg	90				61	140	
	Heptachlor	19.05	0	17.2	ug/kg	90				63	135	
	Aldrin	19.05	0	17.7	ug/kg	93				49	139	
	Heptachlor epoxide	19.05	0	17.6	ug/kg	92				41	156	
	Endosulfan I	19.05	0	17.7	ug/kg	93				56	142	
	Dieldrin	19.05	0	17.8	ug/kg	93				47	161	
	4,4'-DDE	19.05	0	17.9	ug/kg	94				55	136	
	Endrin	19.05	0	17.3	ug/kg	91				57	139	
	Endosulfan II	19.05	0	17.1	ug/kg	90				40	163	
	4,4'-DDD	19.05	0	18.1	ug/kg	95				47	163	
	Endosulfan sulfate	19.05	0	16.1	ug/kg	85				62	139	
	4,4'-DDT	19.05	0	16.0	ug/kg	84				51	146	
	Methoxychlor	19.05	0	15.2	ug/kg	80				54	136	
	Endrin ketone	19.05	0	17.1	ug/kg	90				60	129	
	Endrin aldehyde	19.05	0	16.3	ug/kg	86				59	132	
	alpha-Chlordane	19.05	0	17.7	ug/kg	93				39	166	
	gamma-Chlordane	19.05	0	18.1	ug/kg	95				44	175	
Lab Sample ID:	**Q2989-01MS (Column 2)**	**Client Sample ID:**		**SOUTH-TP-5MS**								
	alpha-BHC	19.05	0	16.9	ug/kg	89				60	144	
	beta-BHC	19.05	0	17.5	ug/kg	92				54	143	
	delta-BHC	19.05	0	14.0	ug/kg	73				29	151	
	gamma-BHC (Lindane)	19.05	0	16.9	ug/kg	89				61	140	
	Heptachlor	19.05	0	16.5	ug/kg	87				63	135	
	Aldrin	19.05	0	17.3	ug/kg	91				49	139	
	Heptachlor epoxide	19.05	0	17.2	ug/kg	90				41	156	
	Endosulfan I	19.05	0	17.4	ug/kg	91				56	142	
	Dieldrin	19.05	0	17.3	ug/kg	91				47	161	
	4,4'-DDE	19.05	0	17.6	ug/kg	92				55	136	
	Endrin	19.05	0	16.6	ug/kg	87				57	139	
	Endosulfan II	19.05	0	17.3	ug/kg	91				40	163	
	4,4'-DDD	19.05	0	16.9	ug/kg	89				47	163	
	Endosulfan sulfate	19.05	0	16.2	ug/kg	85				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PD090112.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	19.05	0	16.3	ug/kg	86				51	146	
Methoxychlor	19.05	0	15.5	ug/kg	81				54	136	
Endrin ketone	19.05	0	17.2	ug/kg	90				60	129	
Endrin aldehyde	19.05	0	16.1	ug/kg	85				59	132	
alpha-Chlordane	19.05	0	17.5	ug/kg	92				39	166	
gamma-Chlordane	19.05	0	17.5	ug/kg	92				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PD090113.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2989-01MSD (Column 1)**	**Client Sample ID:**		**SOUTH-TP-5MSD**								
	alpha-BHC	19.04	0	16.9	ug/kg	89		2		60	144	20
	beta-BHC	19.04	0	16.7	ug/kg	88		1		54	143	20
	delta-BHC	19.04	0	14.9	ug/kg	78		1		29	151	20
	gamma-BHC (Lindane)	19.04	0	16.8	ug/kg	88		2		61	140	20
	Heptachlor	19.04	0	16.8	ug/kg	88		2		63	135	20
	Aldrin	19.04	0	17.3	ug/kg	91		2		49	139	20
	Heptachlor epoxide	19.04	0	17.2	ug/kg	90		2		41	156	20
	Endosulfan I	19.04	0	17.3	ug/kg	91		2		56	142	20
	Dieldrin	19.04	0	17.4	ug/kg	91		2		47	161	20
	4,4'-DDE	19.04	0	17.6	ug/kg	92		2		55	136	20
	Endrin	19.04	0	16.9	ug/kg	89		2		57	139	20
	Endosulfan II	19.04	0	17.0	ug/kg	89		1		40	163	20
	4,4'-DDD	19.04	0	17.7	ug/kg	93		2		47	163	20
	Endosulfan sulfate	19.04	0	16.2	ug/kg	85		0		62	139	20
	4,4'-DDT	19.04	0	15.8	ug/kg	83		1		51	146	20
	Methoxychlor	19.04	0	15.1	ug/kg	79		1		54	136	20
	Endrin ketone	19.04	0	17.0	ug/kg	89		1		60	129	20
	Endrin aldehyde	19.04	0	18.3	ug/kg	96		11		59	132	20
	alpha-Chlordane	19.04	0	17.2	ug/kg	90		3		39	166	20
	gamma-Chlordane	19.04	0	17.5	ug/kg	92		3		44	175	20
Lab Sample ID:	**Q2989-01MSD (Column 2)**	**Client Sample ID:**		**SOUTH-TP-5MSD**								
	alpha-BHC	19.04	0	16.8	ug/kg	88		1		60	144	20
	beta-BHC	19.04	0	17.5	ug/kg	92		0		54	143	20
	delta-BHC	19.04	0	13.9	ug/kg	73		0		29	151	20
	gamma-BHC (Lindane)	19.04	0	16.8	ug/kg	88		1		61	140	20
	Heptachlor	19.04	0	16.6	ug/kg	87		0		63	135	20
	Aldrin	19.04	0	17.2	ug/kg	90		1		49	139	20
	Heptachlor epoxide	19.04	0	17.1	ug/kg	90		0		41	156	20
	Endosulfan I	19.04	0	17.2	ug/kg	90		1		56	142	20
	Dieldrin	19.04	0	17.2	ug/kg	90		1		47	161	20
	4,4'-DDE	19.04	0	17.4	ug/kg	91		1		55	136	20
	Endrin	19.04	0	16.5	ug/kg	87		0		57	139	20
	Endosulfan II	19.04	0	17.3	ug/kg	91		0		40	163	20
	4,4'-DDD	19.04	0	16.8	ug/kg	88		1		47	163	20
	Endosulfan sulfate	19.04	0	16.4	ug/kg	86		1		62	139	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **DataFile :** PD090113.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	19.04	0	16.3	ug/kg	86		0		51	146	20
Methoxychlor	19.04	0	15.6	ug/kg	82		1		54	136	20
Endrin ketone	19.04	0	17.3	ug/kg	91		1		60	129	20
Endrin aldehyde	19.04	0	18.4	ug/kg	97		13		59	132	20
alpha-Chlordane	19.04	0	17.3	ug/kg	91		1		39	166	20
gamma-Chlordane	19.04	0	17.2	ug/kg	90		2		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8081B

Client: Core Environmental Consultants and Serv **Datafile :** PD090110.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169488BS (Column 1)	alpha-BHC	16.65	16.6	ug/kg	100				84	123	
	beta-BHC	16.65	16.2	ug/kg	97				82	123	
	delta-BHC	16.65	15.4	ug/kg	92				83	126	
	gamma-BHC (Lindane)	16.65	16.6	ug/kg	100				83	125	
	Heptachlor	16.65	16.6	ug/kg	100				83	122	
	Aldrin	16.65	17.0	ug/kg	102				82	124	
	Heptachlor epoxide	16.65	16.9	ug/kg	102				83	120	
	Endosulfan I	16.65	16.9	ug/kg	102				81	124	
	Dieldrin	16.65	17.1	ug/kg	103				85	121	
	4,4'-DDE	16.65	17.0	ug/kg	102				81	123	
	Endrin	16.65	16.3	ug/kg	98				76	130	
	Endosulfan II	16.65	16.7	ug/kg	100				80	125	
	4,4'-DDD	16.65	17.5	ug/kg	105				80	131	
	Endosulfan sulfate	16.65	16.3	ug/kg	98				81	122	
	4,4'-DDT	16.65	15.7	ug/kg	94				70	129	
	Methoxychlor	16.65	14.8	ug/kg	89				60	119	
	Endrin ketone	16.65	16.9	ug/kg	102				77	132	
	Endrin aldehyde	16.65	18.2	ug/kg	109				79	124	
	alpha-Chlordane	16.65	16.9	ug/kg	102				84	120	
	gamma-Chlordane	16.65	17.1	ug/kg	103				83	122	
PB169488BS (Column 2)	alpha-BHC	16.65	16.1	ug/kg	97				84	123	
	beta-BHC	16.65	16.2	ug/kg	97				82	123	
	delta-BHC	16.65	14.0	ug/kg	84				83	126	
	gamma-BHC (Lindane)	16.65	16.3	ug/kg	98				83	125	
	Heptachlor	16.65	15.9	ug/kg	95				83	122	
	Aldrin	16.65	16.5	ug/kg	99				82	124	
	Heptachlor epoxide	16.65	16.5	ug/kg	99				83	120	
	Endosulfan I	16.65	16.2	ug/kg	97				81	124	
	Dieldrin	16.65	16.6	ug/kg	100				85	121	
	4,4'-DDE	16.65	16.7	ug/kg	100				81	123	
	Endrin	16.65	16.3	ug/kg	98				76	130	
	Endosulfan II	16.65	16.7	ug/kg	100				80	125	
	4,4'-DDD	16.65	17.1	ug/kg	103				80	131	
	Endosulfan sulfate	16.65	16.1	ug/kg	97				81	122	
	4,4'-DDT	16.65	15.6	ug/kg	94				70	129	
	Methoxychlor	16.65	14.7	ug/kg	88				60	119	
	Endrin ketone	16.65	16.5	ug/kg	99				77	132	
	Endrin aldehyde	16.65	18.1	ug/kg	109				79	124	
	alpha-Chlordane	16.65	16.6	ug/kg	100				84	120	
	gamma-Chlordane	16.65	16.7	ug/kg	100				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169488BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab Sample ID: PB169488BL | Lab File ID: PD090109.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 09/02/2025

Date Analyzed (1): 09/02/2025 | Date Analyzed (2): 09/02/2025

Time Analyzed (1): 13:08 | Time Analyzed (2): 13:08

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

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
PB169488BS	PB169488BS	PD090110.D	09/02/2025	09/02/2025
SOUTH-TP-5MS	Q2989-01MS	PD090112.D	09/02/2025	09/02/2025
SOUTH-TP-5MSD	Q2989-01MSD	PD090113.D	09/02/2025	09/02/2025
PAULDING-WC1	Q2994-01	PD090118.D	09/02/2025	09/02/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169488BL	SDG No.:	Q2994
Lab Sample ID:	PB169488BL	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
PD090109.D	1	09/02/25 08:59	09/02/25 13:08	PB169488

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	16.6		20 - 144	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.3		19 - 148	86%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169488BL	SDG No.:	Q2994
Lab Sample ID:	PB169488BL	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
PD090109.D	1	09/02/25 08:59	09/02/25 13:08	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/18/25
Project:	Bayshore Soil BSM Management	Date Received:	08/18/25
Client Sample ID:	PIBLK-PD089961.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD089961.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089961.D	1		08/18/25	pd081825

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	19.3		57 - 171	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		61 - 148	88%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/18/25
Project:	Bayshore Soil BSM Management	Date Received:	08/18/25
Client Sample ID:	PIBLK-PD089961.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD089961.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089961.D	1		08/18/25	pd081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PD090105.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD090105.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090105.D	1		09/02/25	PD090225

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	19.0		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		61 - 148	99%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PD090105.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD090105.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090105.D	1		09/02/25	PD090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PD090120.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD090120.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090120.D	1		09/02/25	pd090225

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	17.8		57 - 171	89%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		61 - 148	96%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PD090120.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PD090120.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD090120.D	1		09/02/25	pd090225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169488BS	SDG No.:	Q2994
Lab Sample ID:	PB169488BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 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
PD090110.D	1	09/02/25 08:59	09/02/25 14:13	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.6		0.13	1.70	ug/kg
319-85-7	beta-BHC	16.2		0.18	1.70	ug/kg
319-86-8	delta-BHC	15.4		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.6		0.14	1.70	ug/kg
76-44-8	Heptachlor	16.6		0.12	1.70	ug/kg
309-00-2	Aldrin	17.0		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.9		0.19	1.70	ug/kg
959-98-8	Endosulfan I	16.9		0.14	1.70	ug/kg
60-57-1	Dieldrin	17.1		0.14	1.70	ug/kg
72-55-9	4,4-DDE	17.0		0.14	1.70	ug/kg
72-20-8	Endrin	16.3		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	16.7		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.5		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.3		0.13	1.70	ug/kg
50-29-3	4,4-DDT	15.7		0.14	1.70	ug/kg
72-43-5	Methoxychlor	14.8		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	16.9		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	18.2		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	16.9		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.1		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.1		20 - 144	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		19 - 148	107%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169488BS	SDG No.:	Q2994
Lab Sample ID:	PB169488BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 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
PD090110.D	1	09/02/25 08:59	09/02/25 14:13	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.03 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
PD090112.D	1	09/02/25 08:59	09/02/25 14:51	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.4		0.15	1.90	ug/kg
319-85-7	beta-BHC	17.5		0.21	1.90	ug/kg
319-86-8	delta-BHC	15.1		0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	17.2		0.16	1.90	ug/kg
76-44-8	Heptachlor	17.2		0.14	1.90	ug/kg
309-00-2	Aldrin	17.7		0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	17.6		0.22	1.90	ug/kg
959-98-8	Endosulfan I	17.7		0.16	1.90	ug/kg
60-57-1	Dieldrin	17.8		0.16	1.90	ug/kg
72-55-9	4,4-DDE	17.9		0.16	1.90	ug/kg
72-20-8	Endrin	17.3		0.16	1.90	ug/kg
33213-65-9	Endosulfan II	17.3		0.33	1.90	ug/kg
72-54-8	4,4-DDD	18.1		0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	16.2		0.15	1.90	ug/kg
50-29-3	4,4-DDT	16.3		0.16	1.90	ug/kg
72-43-5	Methoxychlor	15.5		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	17.2		0.22	1.90	ug/kg
7421-93-4	Endrin aldehyde	16.3		0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	17.7		0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	18.1		0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	37.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.5		20 - 144	77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		19 - 148	84%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MS	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.03 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
PD090112.D	1	09/02/25 08:59	09/02/25 14:51	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.04 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
PD090113.D	1	09/02/25 08:59	09/02/25 15:05	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.9		0.15	1.90	ug/kg
319-85-7	beta-BHC	17.5		0.21	1.90	ug/kg
319-86-8	delta-BHC	14.9		0.45	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	16.8		0.16	1.90	ug/kg
76-44-8	Heptachlor	16.8		0.14	1.90	ug/kg
309-00-2	Aldrin	17.3		0.14	1.90	ug/kg
1024-57-3	Heptachlor epoxide	17.2		0.22	1.90	ug/kg
959-98-8	Endosulfan I	17.3		0.16	1.90	ug/kg
60-57-1	Dieldrin	17.4		0.16	1.90	ug/kg
72-55-9	4,4-DDE	17.6		0.16	1.90	ug/kg
72-20-8	Endrin	16.9		0.16	1.90	ug/kg
33213-65-9	Endosulfan II	17.3		0.33	1.90	ug/kg
72-54-8	4,4-DDD	17.7		0.17	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	16.4		0.15	1.90	ug/kg
50-29-3	4,4-DDT	16.3		0.16	1.90	ug/kg
72-43-5	Methoxychlor	15.6		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	17.3		0.22	1.90	ug/kg
7421-93-4	Endrin aldehyde	18.4		0.42	1.90	ug/kg
5103-71-9	alpha-Chlordane	17.3		0.14	1.90	ug/kg
5103-74-2	gamma-Chlordane	17.5		0.17	1.90	ug/kg
8001-35-2	Toxaphene	6.20	U	6.20	37.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		19 - 148	84%	SPK: 20

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	SOUTH-TP-5MSD	SDG No.:	Q2994
Lab Sample ID:	Q2989-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	87.4 Decanted:
Sample Wt/Vol:	30.04 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
PD090113.D	1	09/02/25 08:59	09/02/25 15:05	PB169488

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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

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

CALIBRATION SUMMARY

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 11:25 12:20

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

LAB FILE ID: RT 100 = PD089964.D RT 075 = PD089965.D
RT 050 = PD089966.D RT 025 = PD089967.D RT 005 = PD089968.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
alpha-BHC	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
alpha-Chlordane	6.02	6.03	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.35	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 11:25 12:20

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

LAB FILE ID: RT 100 = PD089964.D RT 075 = PD089965.D
RT 050 = PD089966.D RT 025 = PD089967.D RT 005 = PD089968.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.07	8.07	8.07	8.06	8.07	8.07	7.97	8.17
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Endosulfan sulfate	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Endrin	5.78	5.79	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.99	6.99	6.99	6.99	6.99	6.99	6.89	7.09
gamma-BHC (Lindane)	3.73	3.73	3.73	3.73	3.73	3.73	3.63	3.83
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.08	4.08	4.08	3.98	4.18
Heptachlor epoxide	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 11:25 12:20

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

LAB FILE ID: **CF 100 =** PD089964.D **CF 075 =** PD089965.D
CF 050 = PD089966.D **CF 025 =** PD089967.D **CF 005 =** PD089968.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3624120000	3462270000	3457660000	3265820000	3485670000	3459110000	4
4,4'-DDE	4626960000	4438390000	4404140000	4140750000	4331330000	4388310000	4
4,4'-DDT	3975570000	3816810000	3832620000	3619780000	3803930000	3809740000	3
Aldrin	5668260000	5424570000	5410420000	5143250000	5426150000	5414530000	3
alpha-BHC	6564570000	6222340000	6076620000	5609710000	5537900000	6002230000	7
alpha-Chlordane	5001030000	4849920000	4872480000	4705810000	5182860000	4922420000	4
beta-BHC	2190370000	2136080000	2186000000	2198420000	2504240000	2243020000	7
Decachlorobiphenyl	3986110000	3969720000	4147630000	4315890000	5160360000	4315940000	11
delta-BHC	5594230000	5259320000	5241270000	4866470000	4927250000	5177710000	6
Dieldrin	5101560000	4896810000	4892720000	4649520000	4938220000	4895770000	3
Endosulfan I	4658430000	4521140000	4563060000	4438270000	4893500000	4614880000	4
Endosulfan II	4207790000	4064330000	4140160000	4044550000	4641790000	4219720000	6
Endosulfan sulfate	3909960000	3792530000	3865770000	3781510000	4242700000	3918500000	5
Endrin	4304200000	4131030000	4163360000	3917830000	4201430000	4143570000	3
Endrin aldehyde	2808090000	2745580000	2790240000	2785520000	3206350000	2867160000	7
Endrin ketone	4165230000	4039380000	4100930000	4005880000	4411220000	4144530000	4
gamma-BHC (Lindane)	6124020000	5822650000	5736200000	5394590000	5556740000	5726840000	5
gamma-Chlordane	5032010000	4878750000	4857490000	4658710000	5027960000	4890980000	3
Heptachlor	5823490000	5610320000	5567440000	5314250000	5730360000	5609170000	3
Heptachlor epoxide	4903870000	4710630000	4793240000	4635070000	5491190000	4906800000	7
Methoxychlor	1937810000	1915290000	1982900000	1982920000	2209170000	2005620000	6
Tetrachloro-m-xylene	2917140000	2829280000	2874020000	2840660000	3213090000	2934840000	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/18/2025 08/18/2025
Calibration Times: 11:25 12:20

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

LAB FILE ID: **CF 100 =** PD089964.D **CF 075 =** PD089965.D
CF 050 = PD089966.D **CF 025 =** PD089967.D **CF 005 =** PD089968.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	22516800000	22539900000	23346000000	24042100000	27773700000	24043700000	9
4,4'-DDE	27113000000	27019200000	27887400000	28678000000	33416200000	28822800000	9
4,4'-DDT	23990000000	24023200000	24827600000	25108600000	27399200000	25069700000	6
Aldrin	28837000000	28725400000	29547400000	30298100000	34870500000	30455700000	8
alpha-BHC	32680000000	32178400000	33006800000	33320200000	38508700000	33938800000	8
alpha-Chlordane	26752600000	26620200000	27532400000	28392200000	33393000000	28538100000	10
beta-BHC	12414000000	12365000000	12842100000	13315800000	15714100000	13330200000	10
Decachlorobiphenyl	23779200000	23963600000	24979900000	25602900000	31103700000	25885900000	12
delta-BHC	30159900000	29900600000	30631600000	31120600000	35936300000	31549800000	8
Dieldrin	27315200000	27373800000	28374700000	29249600000	34122500000	29287200000	10
Endosulfan I	24263100000	24395900000	25356800000	26391300000	30701900000	26221800000	10
Endosulfan II	23285800000	23417600000	24436800000	25378900000	29954000000	25294600000	11
Endosulfan sulfate	22430300000	22611400000	23494500000	24469500000	28892000000	24379500000	11
Endrin	24304500000	24536800000	25710300000	26502700000	32106800000	26632200000	12
Endrin aldehyde	15818300000	15996400000	16540900000	17378800000	20365300000	17219900000	11
Endrin ketone	24365300000	24756300000	25905100000	26991400000	31204600000	26644500000	10
gamma-BHC (Lindane)	30012600000	29626300000	30389800000	30823600000	35001200000	31170700000	7
gamma-Chlordane	27925200000	27737800000	28720300000	29587900000	34085100000	29611300000	9
Heptachlor	29303500000	29221000000	30284200000	31044900000	36104500000	31191600000	9
Heptachlor epoxide	25599400000	25694300000	26706500000	27640400000	32833500000	27694800000	11
Methoxychlor	11658500000	11925200000	12638700000	13125700000	15130800000	12895800000	11
Tetrachloro-m-xylene	20746800000	20549600000	21227800000	21856800000	25871800000	22050500000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Instrument ID: ECD_D **Date(s) Analyzed:** 08/18/2025 08/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	40562300
		2	6.44	6.34	6.54	53517200
		3	7.15	7.05	7.25	101826000
		4	7.56	7.46	7.66	130379000
		5	7.93	7.83	8.03	75181300

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Instrument ID: ECD_D **Date(s) Analyzed:** 08/18/2025 08/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	218810000
		2	5.64	5.54	5.74	149373000
		3	6.75	6.65	6.85	724168000
		4	7.19	7.09	7.29	490399000
		5	7.32	7.22	7.42	361533000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 11:37 **Initial Calibration Time(s):** 11:25 12:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	6.07	5.97	6.17	-0.01
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.49	7.39	7.59	-0.01
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 11:37 **Initial Calibration Time(s):** 11:25 12:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.01
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.01
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.01
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090107.D **Time Analyzed:** 11:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.709	6.602	6.802	52.860	50.000	5.7
4,4'-DDE	6.200	6.092	6.292	52.930	50.000	5.9
4,4'-DDT	7.024	6.918	7.118	48.010	50.000	-4.0
Aldrin	5.274	5.167	5.367	53.380	50.000	6.8
alpha-BHC	4.004	3.897	4.097	54.610	50.000	9.2
alpha-Chlordane	6.031	5.924	6.124	52.600	50.000	5.2
beta-BHC	4.521	4.414	4.614	52.500	50.000	5.0
Decachlorobiphenyl	9.075	8.967	9.167	45.950	50.000	-8.1
delta-BHC	4.769	4.662	4.862	57.590	50.000	15.2
Dieldrin	6.350	6.244	6.444	53.060	50.000	6.1
Endosulfan I	6.077	5.971	6.171	52.430	50.000	4.9
Endosulfan II	6.789	6.683	6.883	51.200	50.000	2.4
Endosulfan sulfate	7.153	7.047	7.247	51.170	50.000	2.3
Endrin	6.577	6.471	6.671	48.900	50.000	-2.2
Endrin aldehyde	6.919	6.812	7.012	54.140	50.000	8.3
Endrin ketone	7.632	7.527	7.727	52.130	50.000	4.3
gamma-BHC (Lindane)	4.335	4.228	4.428	54.190	50.000	8.4
gamma-Chlordane	5.949	5.843	6.043	53.640	50.000	7.3
Heptachlor	4.933	4.826	5.026	52.860	50.000	5.7
Heptachlor epoxide	5.694	5.587	5.787	52.450	50.000	4.9
Methoxychlor	7.496	7.390	7.590	44.790	50.000	-10.4
Tetrachloro-m-xylene	3.554	3.448	3.648	49.690	50.000	-0.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090107.D **Time Analyzed:** 11:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.924	5.824	6.024	51.410	50.000	2.8
4,4'-DDE	5.369	5.269	5.469	51.640	50.000	3.3
4,4'-DDT	6.177	6.078	6.278	47.440	50.000	-5.1
Aldrin	4.364	4.264	4.464	52.120	50.000	4.2
alpha-BHC	3.389	3.290	3.490	52.140	50.000	4.3
alpha-Chlordane	5.185	5.085	5.285	50.810	50.000	1.6
beta-BHC	4.021	3.921	4.121	51.500	50.000	3.0
Decachlorobiphenyl	8.065	7.965	8.165	44.010	50.000	-12.0
delta-BHC	4.258	4.158	4.358	51.720	50.000	3.4
Dieldrin	5.508	5.407	5.607	51.110	50.000	2.2
Endosulfan I	5.242	5.142	5.342	49.970	50.000	-0.1
Endosulfan II	6.075	5.975	6.175	51.290	50.000	2.6
Endosulfan sulfate	6.477	6.377	6.577	50.360	50.000	0.7
Endrin	5.784	5.684	5.884	46.670	50.000	-6.7
Endrin aldehyde	6.254	6.153	6.353	53.990	50.000	8.0
Endrin ketone	6.986	6.886	7.086	50.970	50.000	1.9
gamma-BHC (Lindane)	3.725	3.626	3.826	52.140	50.000	4.3
gamma-Chlordane	5.120	5.020	5.220	52.310	50.000	4.6
Heptachlor	4.078	3.978	4.178	49.160	50.000	-1.7
Heptachlor epoxide	4.867	4.767	4.967	51.660	50.000	3.3
Methoxychlor	6.747	6.649	6.849	42.700	50.000	-14.6
Tetrachloro-m-xylene	2.877	2.778	2.978	49.270	50.000	-1.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 17:41 **Initial Calibration Time(s):** 11:25 12:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
beta-BHC	4.52	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025

Continuing Calib Time: 17:41 **Initial Calibration Time(s):** 11:25 12:20

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.08	6.08	5.98	6.18	0.01
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.48	6.48	6.38	6.58	0.00
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.99	6.99	6.89	7.09	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.19	5.19	5.09	5.29	0.01
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090121.D **Time Analyzed:** 17:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.704	6.602	6.802	50.970	50.000	1.9
4,4'-DDE	6.194	6.092	6.292	51.070	50.000	2.1
4,4'-DDT	7.019	6.918	7.118	44.150	50.000	-11.7
Aldrin	5.269	5.167	5.367	52.700	50.000	5.4
alpha-BHC	3.998	3.897	4.097	55.020	50.000	10.0
alpha-Chlordane	6.025	5.924	6.124	51.080	50.000	2.2
beta-BHC	4.515	4.414	4.614	52.520	50.000	5.0
Decachlorobiphenyl	9.070	8.967	9.167	45.130	50.000	-9.7
delta-BHC	4.764	4.662	4.862	58.790	50.000	17.6
Dieldrin	6.345	6.244	6.444	50.730	50.000	1.5
Endosulfan I	6.073	5.971	6.171	50.850	50.000	1.7
Endosulfan II	6.785	6.683	6.883	49.140	50.000	-1.7
Endosulfan sulfate	7.148	7.047	7.247	48.230	50.000	-3.5
Endrin	6.572	6.471	6.671	47.770	50.000	-4.5
Endrin aldehyde	6.914	6.812	7.012	50.510	50.000	1.0
Endrin ketone	7.629	7.527	7.727	48.890	50.000	-2.2
gamma-BHC (Lindane)	4.329	4.228	4.428	54.300	50.000	8.6
gamma-Chlordane	5.944	5.843	6.043	52.020	50.000	4.0
Heptachlor	4.928	4.826	5.026	51.110	50.000	2.2
Heptachlor epoxide	5.689	5.587	5.787	51.240	50.000	2.5
Methoxychlor	7.492	7.390	7.590	48.330	50.000	-3.3
Tetrachloro-m-xylene	3.549	3.448	3.648	50.260	50.000	0.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/02/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090121.D **Time Analyzed:** 17:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.924	5.824	6.024	51.340	50.000	2.7
4,4'-DDE	5.370	5.269	5.469	50.780	50.000	1.6
4,4'-DDT	6.178	6.078	6.278	45.190	50.000	-9.6
Aldrin	4.364	4.264	4.464	53.010	50.000	6.0
alpha-BHC	3.390	3.290	3.490	53.500	50.000	7.0
alpha-Chlordane	5.185	5.085	5.285	50.940	50.000	1.9
beta-BHC	4.022	3.921	4.121	53.110	50.000	6.2
Decachlorobiphenyl	8.065	7.965	8.165	40.210	50.000	-19.6
delta-BHC	4.258	4.158	4.358	53.470	50.000	6.9
Dieldrin	5.507	5.407	5.607	50.830	50.000	1.7
Endosulfan I	5.242	5.142	5.342	50.930	50.000	1.9
Endosulfan II	6.075	5.975	6.175	49.200	50.000	-1.6
Endosulfan sulfate	6.477	6.377	6.577	47.780	50.000	-4.4
Endrin	5.784	5.684	5.884	48.700	50.000	-2.6
Endrin aldehyde	6.254	6.153	6.353	50.640	50.000	1.3
Endrin ketone	6.986	6.886	7.086	46.650	50.000	-6.7
gamma-BHC (Lindane)	3.726	3.626	3.826	53.470	50.000	6.9
gamma-Chlordane	5.121	5.020	5.220	51.610	50.000	3.2
Heptachlor	4.079	3.978	4.178	50.560	50.000	1.1
Heptachlor epoxide	4.868	4.767	4.967	51.710	50.000	3.4
Methoxychlor	6.748	6.649	6.849	48.760	50.000	-2.5
Tetrachloro-m-xylene	2.878	2.778	2.978	50.640	50.000	1.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD089962.D **Date Analyzed:** 08/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	19.240	20.000	-3.8
Tetrachloro-m-xylene	3.547	3.500	3.600	18.000	20.000	-10.0
alpha-BHC	3.996	3.950	4.050	8.460	10.000	-15.4
beta-BHC	4.514	4.460	4.560	9.550	10.000	-4.5
gamma-BHC (Lindane)	4.327	4.280	4.380	8.800	10.000	-12.0
Endrin	6.571	6.500	6.640	46.440	50.000	-7.1
4,4'-DDT	7.017	6.950	7.090	92.340	100.000	-7.7
Methoxychlor	7.490	7.420	7.560	216.780	250.000	-13.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD089962.D **Date Analyzed:** 08/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.065	7.960	8.170	18.090	20.000	-9.6
Tetrachloro-m-xylene	2.878	2.830	2.930	18.480	20.000	-7.6
alpha-BHC	3.390	3.340	3.440	9.940	10.000	-0.6
beta-BHC	4.022	3.970	4.070	10.050	10.000	0.5
gamma-BHC (Lindane)	3.726	3.680	3.780	9.780	10.000	-2.2
Endrin	5.784	5.710	5.850	44.880	50.000	-10.2
4,4'-DDT	6.177	6.110	6.250	86.730	100.000	-13.3
Methoxychlor	6.748	6.680	6.820	185.620	250.000	-25.8

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090106.D **Date Analyzed:** 09/02/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:18

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	18.320	20.000	-8.4
Tetrachloro-m-xylene	3.549	3.500	3.600	18.580	20.000	-7.1
alpha-BHC	3.998	3.950	4.050	8.850	10.000	-11.5
beta-BHC	4.515	4.460	4.570	9.830	10.000	-1.7
gamma-BHC (Lindane)	4.329	4.280	4.380	9.120	10.000	-8.8
Endrin	6.572	6.500	6.640	44.250	50.000	-11.5
4,4'-DDT	7.019	6.950	7.090	83.790	100.000	-16.2
Methoxychlor	7.491	7.420	7.560	191.110	250.000	-23.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090106.D **Date Analyzed:** 09/02/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:18

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.064	7.960	8.160	17.310	20.000	-13.5
Tetrachloro-m-xylene	2.877	2.830	2.930	19.530	20.000	-2.4
alpha-BHC	3.389	3.340	3.440	10.630	10.000	6.3
beta-BHC	4.021	3.970	4.070	10.640	10.000	6.4
gamma-BHC (Lindane)	3.725	3.670	3.780	10.410	10.000	4.1
Endrin	5.783	5.710	5.850	43.580	50.000	-12.8
4,4'-DDT	6.176	6.110	6.250	82.860	100.000	-17.1
Methoxychlor	6.747	6.680	6.820	158.740	250.000	-36.5

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2994

Project: Bayshore Soil BSM Management **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

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 #
I.BLK	I.BLK	08/18/2025	10:44	PD089961.D	9.07	3.55
PEM	PEM	08/18/2025	10:57	PD089962.D	9.07	3.55
RESCHK	RESCHK	08/18/2025	11:11	PD089963.D	9.07	3.55
PSTDICC100	PSTDICC100	08/18/2025	11:25	PD089964.D	9.07	3.55
PSTDICC075	PSTDICC075	08/18/2025	11:39	PD089965.D	9.07	3.55
PSTDICC050	PSTDICC050	08/18/2025	11:53	PD089966.D	9.07	3.55
PSTDICC025	PSTDICC025	08/18/2025	12:06	PD089967.D	9.07	3.55
PSTDICC005	PSTDICC005	08/18/2025	12:20	PD089968.D	9.07	3.55
PTOXICC500	PTOXICC500	08/18/2025	15:31	PD089976.D	9.07	3.55
PCHLORICC500	PCHLORICC500	08/19/2025	11:24	PD089988.D	9.07	3.55
I.BLK	I.BLK	09/02/2025	11:05	PD090105.D	9.08	3.56
PEM	PEM	09/02/2025	11:18	PD090106.D	9.07	3.55
PSTDCCC050	PSTDCCC050	09/02/2025	11:37	PD090107.D	9.08	3.55
PB169488BL	PB169488BL	09/02/2025	13:08	PD090109.D	9.07	3.55
PB169488BS	PB169488BS	09/02/2025	14:13	PD090110.D	9.08	3.55
SOUTH-TP-5MS	Q2989-01MS	09/02/2025	14:51	PD090112.D	9.08	3.56
SOUTH-TP-5MSD	Q2989-01MSD	09/02/2025	15:05	PD090113.D	9.07	3.55
PAULDING-WC1	Q2994-01	09/02/2025	17:00	PD090118.D	9.07	3.55
I.BLK	I.BLK	09/02/2025	17:27	PD090120.D	9.07	3.55
PSTDCCC050	PSTDCCC050	09/02/2025	17:41	PD090121.D	9.07	3.55

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2994

Project: Bayshore Soil BSM Management **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/18/2025 08/18/2025

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 #
I.BLK	I.BLK	08/18/2025	10:44	PD089961.D	8.06	2.88
PEM	PEM	08/18/2025	10:57	PD089962.D	8.07	2.88
RESCHK	RESCHK	08/18/2025	11:11	PD089963.D	8.07	2.88
PSTDICC100	PSTDICC100	08/18/2025	11:25	PD089964.D	8.07	2.88
PSTDICC075	PSTDICC075	08/18/2025	11:39	PD089965.D	8.07	2.88
PSTDICC050	PSTDICC050	08/18/2025	11:53	PD089966.D	8.07	2.88
PSTDICC025	PSTDICC025	08/18/2025	12:06	PD089967.D	8.06	2.88
PSTDICC005	PSTDICC005	08/18/2025	12:20	PD089968.D	8.07	2.88
PTOXICC500	PTOXICC500	08/18/2025	15:31	PD089976.D	8.07	2.88
PCHLORICC500	PCHLORICC500	08/19/2025	11:24	PD089988.D	8.06	2.88
I.BLK	I.BLK	09/02/2025	11:05	PD090105.D	8.07	2.88
PEM	PEM	09/02/2025	11:18	PD090106.D	8.06	2.88
PSTDCCC050	PSTDCCC050	09/02/2025	11:37	PD090107.D	8.07	2.88
PB169488BL	PB169488BL	09/02/2025	13:08	PD090109.D	8.06	2.88
PB169488BS	PB169488BS	09/02/2025	14:13	PD090110.D	8.07	2.88
SOUTH-TP-5MS	Q2989-01MS	09/02/2025	14:51	PD090112.D	8.07	2.88
SOUTH-TP-5MSD	Q2989-01MSD	09/02/2025	15:05	PD090113.D	8.06	2.88
PAULDING-WC1	Q2994-01	09/02/2025	17:00	PD090118.D	8.07	2.88
I.BLK	I.BLK	09/02/2025	17:27	PD090120.D	8.07	2.88
PSTDCCC050	PSTDCCC050	09/02/2025	17:41	PD090121.D	8.07	2.88

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PAULDING-WC1

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: Q2994-01 **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	7.02	6.97	7.07	0.18	113.5
	2	6.17	6.12	6.22	0.64	
gamma-Chlordane	1	5.94	5.89	5.99	2.40	52.6
	2	5.12	5.07	5.17	1.40	
alpha-Chlordane	1	6.03	5.98	6.08	3.40	72
	2	5.18	5.13	5.23	1.60	
4,4'-DDE	1	6.20	6.15	6.25	0.68	47.6
	2	5.37	5.32	5.42	1.10	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169488BS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: PB169488BS **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	17.5	2.3
	2	5.92	5.87	5.97	17.1	
4,4'-DDE	1	6.20	6.15	6.25	17.0	1.8
	2	5.37	5.32	5.42	16.7	
4,4'-DDT	1	7.03	6.98	7.08	15.7	0.6
	2	6.18	6.13	6.23	15.6	
alpha-BHC	1	4.00	3.95	4.05	16.6	3.1
	2	3.39	3.34	3.44	16.1	
Aldrin	1	5.27	5.22	5.32	17.0	3
	2	4.36	4.31	4.41	16.5	
alpha-Chlordane	1	6.03	5.98	6.08	16.9	1.8
	2	5.19	5.14	5.24	16.6	
Endosulfan II	1	6.79	6.74	6.84	16.7	0
	2	6.08	6.03	6.13	16.7	
Endosulfan sulfate	1	7.15	7.10	7.20	16.3	1.2
	2	6.48	6.43	6.53	16.1	
beta-BHC	1	4.52	4.47	4.57	16.2	0
	2	4.02	3.97	4.07	16.2	
delta-BHC	1	4.77	4.72	4.82	15.4	9.5
	2	4.26	4.21	4.31	14.0	
Endosulfan I	1	6.08	6.03	6.13	16.9	4.2
	2	5.24	5.19	5.29	16.2	
Dieldrin	1	6.35	6.30	6.40	17.1	3
	2	5.51	5.46	5.56	16.6	
Endrin aldehyde	1	6.92	6.87	6.97	18.2	0.6
	2	6.25	6.20	6.30	18.1	
Methoxychlor	1	7.50	7.45	7.55	14.8	0.7
	2	6.75	6.70	6.80	14.7	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169488BS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: PB169488BS **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	16.9	2.4
	2	6.99	6.94	7.04	16.5	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	16.6	1.8
	2	3.72	3.67	3.77	16.3	
Heptachlor	1	4.93	4.88	4.98	16.6	4.3
	2	4.08	4.03	4.13	15.9	
Heptachlor epoxide	1	5.69	5.64	5.74	16.9	2.4
	2	4.87	4.82	4.92	16.5	
gamma-Chlordane	1	5.95	5.90	6.00	17.1	2.4
	2	5.12	5.07	5.17	16.7	
Endrin	1	6.58	6.53	6.63	16.3	0
	2	5.78	5.73	5.83	16.3	

Alliance TECHNICAL GROUP
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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOUTH-TP-5MS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: Q2989-01MS **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	18.1	6.9
	2	5.92	5.87	5.97	16.9	
4,4'-DDT	1	7.03	6.98	7.08	16.0	1.9
	2	6.18	6.13	6.23	16.3	
alpha-BHC	1	4.01	3.96	4.06	17.4	2.9
	2	3.39	3.34	3.44	16.9	
Aldrin	1	5.28	5.23	5.33	17.7	2.3
	2	4.36	4.31	4.41	17.3	
beta-BHC	1	4.52	4.47	4.57	16.9	3.5
	2	4.02	3.97	4.07	17.5	
alpha-Chlordane	1	6.03	5.98	6.08	17.7	1.1
	2	5.19	5.14	5.24	17.5	
4,4'-DDE	1	6.20	6.15	6.25	17.9	1.7
	2	5.37	5.32	5.42	17.6	
Endosulfan II	1	6.79	6.74	6.84	17.1	1.2
	2	6.08	6.03	6.13	17.3	
Endrin aldehyde	1	6.92	6.87	6.97	16.3	1.2
	2	6.25	6.20	6.30	16.1	
Endosulfan sulfate	1	7.15	7.10	7.20	16.1	0.6
	2	6.48	6.43	6.53	16.2	
Methoxychlor	1	7.50	7.45	7.55	15.2	2
	2	6.75	6.70	6.80	15.5	
Endrin ketone	1	7.64	7.59	7.69	17.1	0.6
	2	6.99	6.94	7.04	17.2	
gamma-BHC (Lindane)	1	4.34	4.29	4.39	17.2	1.8
	2	3.73	3.68	3.78	16.9	
Heptachlor	1	4.93	4.88	4.98	17.2	4.2
	2	4.08	4.03	4.13	16.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOUTH-TP-5MS

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: Q2989-01MS **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
delta-BHC	1	4.77	4.72	4.82	15.1	7.6
	2	4.26	4.21	4.31	14.0	
Heptachlor epoxide	1	5.70	5.65	5.75	17.6	2.3
	2	4.87	4.82	4.92	17.2	
Endosulfan I	1	6.08	6.03	6.13	17.7	1.7
	2	5.24	5.19	5.29	17.4	
gamma-Chlordane	1	5.95	5.90	6.00	18.1	3.4
	2	5.12	5.07	5.17	17.5	
Dieldrin	1	6.35	6.30	6.40	17.8	2.8
	2	5.51	5.46	5.56	17.3	
Endrin	1	6.58	6.53	6.63	17.3	4.1
	2	5.78	5.73	5.83	16.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOUTH-TP-5MSD

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: Q2989-01MSD **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	17.0	1.7
	2	6.07	6.02	6.12	17.3	
4,4'-DDD	1	6.70	6.65	6.75	17.7	5.2
	2	5.92	5.87	5.97	16.8	
4,4'-DDT	1	7.02	6.97	7.07	15.8	3.1
	2	6.18	6.13	6.23	16.3	
Endrin aldehyde	1	6.91	6.86	6.96	18.3	0.5
	2	6.25	6.20	6.30	18.4	
Endosulfan sulfate	1	7.15	7.10	7.20	16.2	1.2
	2	6.48	6.43	6.53	16.4	
alpha-BHC	1	4.00	3.95	4.05	16.9	0.6
	2	3.39	3.34	3.44	16.8	
Aldrin	1	5.27	5.22	5.32	17.3	0.6
	2	4.36	4.31	4.41	17.2	
beta-BHC	1	4.52	4.47	4.57	16.7	4.7
	2	4.02	3.97	4.07	17.5	
delta-BHC	1	4.76	4.71	4.81	14.9	6.9
	2	4.26	4.21	4.31	13.9	
Endosulfan I	1	6.07	6.02	6.12	17.3	0.6
	2	5.24	5.19	5.29	17.2	
alpha-Chlordane	1	6.03	5.98	6.08	17.2	0.6
	2	5.18	5.13	5.23	17.3	
4,4'-DDE	1	6.19	6.14	6.24	17.6	1.1
	2	5.37	5.32	5.42	17.4	
Dieldrin	1	6.35	6.30	6.40	17.4	1.2
	2	5.51	5.46	5.56	17.2	
Endrin	1	6.57	6.52	6.62	16.9	2.4
	2	5.78	5.73	5.83	16.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOUTH-TP-5MSD

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Lab Sample ID: Q2989-01MSD **Date(s) Analyzed:** 09/02/2025 09/02/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	15.1	3.3
	2	6.75	6.70	6.80	15.6	
Endrin ketone	1	7.63	7.58	7.68	17.0	1.7
	2	6.99	6.94	7.04	17.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	16.8	0
	2	3.73	3.68	3.78	16.8	
Heptachlor	1	4.93	4.88	4.98	16.8	1.2
	2	4.08	4.03	4.13	16.6	
Heptachlor epoxide	1	5.69	5.64	5.74	17.2	0.6
	2	4.87	4.82	4.92	17.1	
gamma-Chlordane	1	5.95	5.90	6.00	17.5	1.7
	2	5.12	5.07	5.17	17.2	

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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			PCB	8082A		09/02/25	09/02/25	
			Pesticide-TCL	8081B		09/02/25	09/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2994 **Order ID:** Q2994

Client: Core Environmental Consultants and Services, In **Project ID:** Bayshore Soil BSM Management

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PAULDING-WC1								
Q2994-01	PAULDING-WC1	SOIL	Aroclor-1260	13.2	JP	3.50	18.7	ug/kg
			Total Concentration:	**13.200**				

SAMPLE DATA

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

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074781.D	1	09/02/25 08:58	09/02/25 14:54	PB169485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	13.2	JP	3.50	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		32 - 175	82%	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

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Surrogate Summary

SDG No.: Q2994

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP074490.D	PIBLK-PP074490.D	Tetrachloro-m-xyl	1	20	17.8	89		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	15.7	78		60	140
		Decachlorobiphen	2	20	16.9	85		60	140
I.BLK-PP074774.D	PIBLK-PP074774.D	Tetrachloro-m-xyl	1	20	20.0	100		60	140
		Decachlorobiphen	1	20	21.7	109		60	140
		Tetrachloro-m-xyl	2	20	18.3	92		60	140
		Decachlorobiphen	2	20	17.5	87		60	140
PB169485BL	PB169485BL	Tetrachloro-m-xyl	1	20	20.0	100		32	144
		Decachlorobiphen	1	20	21.7	109		32	175
		Tetrachloro-m-xyl	2	20	19.8	99		32	144
		Decachlorobiphen	2	20	18.1	91		32	175
PB169485BS	PB169485BS	Tetrachloro-m-xyl	1	20	20.7	104		32	144
		Decachlorobiphen	1	20	21.9	109		32	175
		Tetrachloro-m-xyl	2	20	19.9	99		32	144
		Decachlorobiphen	2	20	17.7	88		32	175
Q2994-01	PAULDING-WC1	Tetrachloro-m-xyl	1	20	18.2	91		32	144
		Decachlorobiphen	1	20	16.3	82		32	175
		Tetrachloro-m-xyl	2	20	18.4	92		32	144
		Decachlorobiphen	2	20	11.7	59		32	175
I.BLK-PP074789.D	PIBLK-PP074789.D	Tetrachloro-m-xyl	1	20	20.4	102		60	140
		Decachlorobiphen	1	20	22.1	110		60	140
		Tetrachloro-m-xyl	2	20	18.6	93		60	140
		Decachlorobiphen	2	20	17.9	90		60	140
I.BLK-PP074795.D	PIBLK-PP074795.D	Tetrachloro-m-xyl	1	20	20.7	104		60	140
		Decachlorobiphen	1	20	20.5	103		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	14.4	72		60	140
Q2998-01MS	AU-05-082925MS	Tetrachloro-m-xyl	1	20	17.5	87		32	144
		Decachlorobiphen	1	20	17.9	89		32	175
		Tetrachloro-m-xyl	2	20	16.7	83		32	144
		Decachlorobiphen	2	20	12.2	61		32	175
Q2998-01MSD	AU-05-082925MSD	Tetrachloro-m-xyl	1	20	19.9	100		32	144
		Decachlorobiphen	1	20	18.3	91		32	175
		Tetrachloro-m-xyl	2	20	17.4	87		32	144
		Decachlorobiphen	2	20	12.2	61		32	175
I.BLK-PP074808.D	PIBLK-PP074808.D	Tetrachloro-m-xyl	1	20	17.6	88		60	140
		Decachlorobiphen	1	20	17.0	85		60	140
		Tetrachloro-m-xyl	2	20	15.1	76		60	140
		Decachlorobiphen	2	20	11.5	58	*	60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PP074798.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2998-01MS (Column 1)**	**Client Sample ID:**		**AU-05-082925MS**								
	AR1016	176.1	0	138	ug/kg	78				55	146	
	AR1260	176.1	0	129	ug/kg	73				54	119	
Lab Sample ID:	**Q2998-01MS (Column 2)**	**Client Sample ID:**		**AU-05-082925MS**								
	AR1016	176.1	0	121	ug/kg	69				55	146	
	AR1260	176.1	0	103	ug/kg	58				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PP074799.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2998-01MSD (Column 1)**	**Client Sample ID:**		**AU-05-082925MSD**								
	AR1016	176	0	156	ug/kg	89		13		55	146	15
	AR1260	176	0	134	ug/kg	76		4		54	119	15
Lab Sample ID:	**Q2998-01MSD (Column 2)**	**Client Sample ID:**		**AU-05-082925MSD**								
	AR1016	176	0	123	ug/kg	70		1		55	146	15
	AR1260	176	0	110	ug/kg	63		8		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2994 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **Datafile :** PP074776.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169485BS (Column 1)	AR1016	166.5	154	ug/kg	92				71	120	
	AR1260	166.5	148	ug/kg	89				65	130	
PB169485BS (Column 2)	AR1016	166.5	147	ug/kg	88				71	120	
	AR1260	166.5	140	ug/kg	84				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169485BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q2994

Lab Sample ID: PB169485BL | Lab File ID: PP074775.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 09/02/2025

Date Analyzed (1): 09/02/2025 | Date Analyzed (2): 09/02/2025

Time Analyzed (1): 12:24 | Time Analyzed (2): 12:24

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169485BS	PB169485BS	PP074776.D	09/02/2025	09/02/2025
PAULDING-WC1	Q2994-01	PP074781.D	09/02/2025	09/02/2025
AU-05-082925MS	Q2998-01MS	PP074798.D	09/03/2025	09/03/2025
AU-05-082925MSD	Q2998-01MSD	PP074799.D	09/03/2025	09/03/2025

COMMENTS:

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Instrument ID: ECD_P **Calibration Date(s):** 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D

RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.82	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.98	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.28	6.28	6.28	6.28	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.39	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.23	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.56	8.56	8.56	8.56	8.56	8.46	8.66
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.44	10.43	10.33	10.53
Tetrachloro-m-xylene		4.65	4.66	4.65	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)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
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		10.43	10.44	10.43	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	6.28	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		10.44	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-1254-1	(1)	6.66	6.66	6.66	6.66	6.65	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.23	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	7.93	7.93	7.93	7.93	7.83	8.03
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-1268-1	(1)	8.88	8.89	8.88	8.89	8.88	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.98	8.98	8.98	8.98	8.98	8.98	8.88	9.08
Aroclor-1268-3	(3)	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Aroclor-1268-4	(4)	9.65	9.65	9.65	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.08	10.08	10.08	10.08	10.08	10.08	9.98	10.18

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.43	10.44	10.43	10.44	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P
Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D
RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
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	6.36	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-3	(3)	6.70	6.71	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.17	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.41	7.41	7.41	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.82	8.82	8.81	8.82	8.82	8.72	8.92
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	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.16	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		8.82	8.82	8.81	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1248-3	(3)	5.16	5.16	5.16	5.16	5.16	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	5.72	5.72	5.72	5.72	5.62	5.82
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	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)	6.24	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.87	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.70	7.70	7.69	7.70	7.69	7.70	7.60	7.80
Aroclor-1268-2	(2)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Aroclor-1268-3	(3)	7.97	7.97	7.97	7.97	7.96	7.97	7.87	8.07
Aroclor-1268-4	(4)	8.25	8.26	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.55	8.55	8.55	8.45	8.65

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.82	8.81	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID: CF 1000 = PP074491.D CF 750 = PP074492.D
CF 500 = PP074493.D CF 250 = PP074494.D CF 050 = PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	37260672	39165227	41840274	46667524	55510560	44088851	17
Aroclor-1016-2	(2)	55294208	58678316	63208216	69200552	67826880	62841634	9
Aroclor-1016-3	(3)	37159554	39829409	42380342	50420568	54779780	44913931	17
Aroclor-1016-4	(4)	30238509	32061391	34848388	39362172	39398600	35181812	12
Aroclor-1016-5	(5)	29225854	30645948	33029644	36469124	36559780	33186070	10
Aroclor-1260-1	(1)	48563391	51183833	55342410	61530012	72427960	57809521	16
Aroclor-1260-2	(2)	57520052	60697599	66234840	73517872	86617000	68917473	17
Aroclor-1260-3	(3)	45466412	48231029	50486582	57234216	58008180	51885284	11
Aroclor-1260-4	(4)	53945139	57153024	61763720	67649864	78452080	63792765	15
Aroclor-1260-5	(5)	98135607	102882747	108313414	117775440	139953440	113412130	15
Decachlorobiphenyl		866337170	921955053	988573200	1058849640	1101835800	987510173	10
Tetrachloro-m-xylene		1100953570	1143235467	1200713680	1268558320	1404991400	1223690487	10
Aroclor-1242-1	(1)	33534775	35196259	38660790	41241740	42742440	38275201	10
Aroclor-1242-2	(2)	50582395	52453757	57915216	62104248	59354260	56481975	9
Aroclor-1242-3	(3)	33349694	35414635	39970066	43883972	50396180	40602909	17
Aroclor-1242-4	(4)	27192200	28632309	31894696	35816444	35173600	31741850	12
Aroclor-1242-5	(5)	29731727	30733847	34626980	38850892	46409580	36070605	19
Decachlorobiphenyl		942571090	998560827	1090308640	1132992280	1083717600	1049630087	7
Tetrachloro-m-xylene		1101623960	1151320933	1235361060	1272027120	1278388200	1207744255	6
Aroclor-1248-1	(1)	26825393	28405716	30845872	34074380	30968720	30224016	9
Aroclor-1248-2	(2)	37601198	39897476	43211686	48783724	45986180	43096053	10
Aroclor-1248-3	(3)	41457218	43776155	46817460	51955424	49511780	46703607	9
Aroclor-1248-4	(4)	47576379	50895647	54418430	60667104	61446460	55000804	11
Aroclor-1248-5	(5)	47007884	50058825	54098864	61916308	64270400	55470456	13
Decachlorobiphenyl		950993890	1009223920	1071012460	1167985200	1057373600	1051317814	8
Tetrachloro-m-xylene		1100991950	1146778960	1200566400	1276972480	1211462000	1187354358	6
Aroclor-1254-1	(1)	48507797	53598960	57022412	63560864	68657180	58269443	14
Aroclor-1254-2	(2)	68997007	73735961	79493314	88136784	97716940	81616001	14
Aroclor-1254-3	(3)	75433146	80269064	85469286	94710248	110150500	89206449	15
Aroclor-1254-4	(4)	56817907	60256557	64375914	71178004	76939600	65913596	12
Aroclor-1254-5	(5)	71518563	76344344	81241680	89300320	97020080	83084997	12
Decachlorobiphenyl		955810170	985159667	1046715980	1146118200	1185105200	1063781843	9
Tetrachloro-m-xylene		1074895520	1124737840	1186244600	1279770240	1364835400	1206096720	10
Aroclor-1268-1	(1)	145382221	149256528	159799060	175238264	180520060	162039227	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135128903	138304824	147968774	161072492	151211120	146737223	7
Aroclor-1268-3	(3)	112837949	115383373	124401538	134921752	130382340	123585390	8
Aroclor-1268-4	(4)	60062429	62288615	69185966	72327472	72450180	67262932	9
Aroclor-1268-5	(5)	347935374	352387180	372266714	396976848	381293520	370171927	6
Decachlorobiphenyl		1643122860	1684754733	1816495060	1968851320	1846466800	1791938155	7
Tetrachloro-m-xylene		1139511630	1162795853	1215559280	1293072360	1185938800	1199375585	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q2994
Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID: CF 1000 = PP074491.D CF 750 = PP074492.D
CF 500 = PP074493.D CF 250 = PP074494.D CF 050 = PP074495.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	496657182	503720793	523846228	513002896	509541900	509353800	2
Aroclor-1016-2	(2)	239168801	238546505	246638078	251142512	214580920	238015363	6
Aroclor-1016-3	(3)	133036564	130124845	144330606	141427600	140598400	137903603	4
Aroclor-1016-4	(4)	133477489	138002388	140534852	142183668	144817800	139803239	3
Aroclor-1016-5	(5)	154126731	152599703	155237916	163343428	205109040	166083364	13
Aroclor-1260-1	(1)	363284667	378829761	386185190	382321000	365496040	375223332	3
Aroclor-1260-2	(2)	523788027	519029669	530795266	515617580	554844180	528814944	3
Aroclor-1260-3	(3)	397906310	403814531	425344812	411965640	525972600	433000779	12
Aroclor-1260-4	(4)	386647802	396528909	406788188	382587548	334816920	381473873	7
Aroclor-1260-5	(5)	1072036571	1049469899	1040494106	1005914236	854489880	1004480938	9
Decachlorobiphenyl		7534332740	7444555573	7912532780	7690082000	6914466800	7499193979	5
Tetrachloro-m-xylene		5208096140	5362153787	4998687000	4783674480	3824485800	4835419441	13
Aroclor-1242-1	(1)	426248141	431977179	439434088	427078864	384025660	421752786	5
Aroclor-1242-2	(2)	202991737	207389804	208837132	204363608	177830640	200282584	6
Aroclor-1242-3	(3)	114667914	119000831	118474420	125754936	113593040	118298228	4
Aroclor-1242-4	(4)	162797331	159395943	169924744	169924792	193754480	171159458	8
Aroclor-1242-5	(5)	176244820	193149587	194953880	198727516	162744820	185164125	8
Decachlorobiphenyl		7439485810	7647320840	7750380960	7387148800	6696994000	7384266082	6
Tetrachloro-m-xylene		5552255470	5495660120	5265795020	4718643160	3344536200	4875377994	19
Aroclor-1248-1	(1)	276787529	272989900	294110190	287515664	249311100	276142877	6
Aroclor-1248-2	(2)	170428062	176978340	184167818	188684076	163519180	176755495	6
Aroclor-1248-3	(3)	216883105	236968729	226037212	232782684	223345400	227203426	3
Aroclor-1248-4	(4)	216013976	222165432	229596264	221937152	200392380	218021041	5
Aroclor-1248-5	(5)	365899980	378186867	386596360	393195048	312731540	367321959	9
Decachlorobiphenyl		7362170440	7623348680	7832285760	7830414120	6177033600	7365050520	9
Tetrachloro-m-xylene		4921775200	5272375827	4922615420	4754396920	3067777000	4587788073	19
Aroclor-1254-1	(1)	450774429	460491156	493889042	479687392	498710100	476710424	4
Aroclor-1254-2	(2)	327603431	350278748	349528710	357585716	375666820	352132685	5
Aroclor-1254-3	(3)	632195702	651991325	663558136	626254444	525027180	619805357	9
Aroclor-1254-4	(4)	465715221	475856425	494623526	472743392	434193620	468626437	5
Aroclor-1254-5	(5)	494049062	518095117	499208524	513687428	427465960	490501218	7
Decachlorobiphenyl		7570292860	7622860640	7575883760	7671178000	7261560400	7540355132	2
Tetrachloro-m-xylene		5083198010	4906330680	4979033200	4619762640	3271378000	4571940506	16
Aroclor-1268-1	(1)	1582015639	1422598329	1546826516	1453362868	1047671520	1410494974	15

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1588231016	1429840941	1442651986	1413308564	943104640	1363427429	18
Aroclor-1268-3	(3)	1131064358	1100247001	1123773528	1077394544	783689900	1043233866	14
Aroclor-1268-4	(4)	433982459	417630531	415097948	393627672	255142820	383096286	19
Aroclor-1268-5	(5)	3414138804	3322863425	3420880908	3301062668	2221751820	3136139525	16
Decachlorobiphenyl		14390930480	14121362587	14413340360	14318679160	10749496600	13598761837	12
Tetrachloro-m-xylene		5211020900	5014233547	4937082600	4815562400	3041581600	4603896209	19

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.85	4.75	4.95	17592800
		2	4.94	4.84	5.04	13357200
		3	5.02	4.92	5.12	37912800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	30374000
		2	5.54	5.44	5.64	15758200
		3	5.83	5.73	5.93	30543600
		4	5.99	5.89	6.09	17269300
		5	6.08	5.98	6.18	12981000
Aroclor-1262	500	1	8.24	8.14	8.34	77016000
		2	8.57	8.47	8.67	132381000
		3	8.89	8.79	8.99	97212400
		4	8.98	8.88	9.08	75330400
		5	9.65	9.55	9.75	60956200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.01	3.91	4.11	61867400
		2	4.10	4.00	4.20	45212000
		3	4.17	4.07	4.27	164294000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	128095000
		2	4.90	4.80	5.00	231794000
		3	5.08	4.98	5.18	60059800
		4	5.16	5.06	5.26	73707400
		5	5.33	5.23	5.43	62083800
Aroclor-1262	500	1	6.92	6.82	7.02	707260000
		2	7.18	7.08	7.28	520714000
		3	7.70	7.60	7.80	466296000
		4	7.76	7.66	7.86	821860000
		5	8.26	8.16	8.36	358310000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 09:33 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
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)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 09:33 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074770.D **Time Analyzed:** 09:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.809	5.706	5.906	490.520	500.000	-1.9
Aroclor-1016-2	5.830	5.727	5.927	512.950	500.000	2.6
Aroclor-1016-3	5.893	5.790	5.990	466.300	500.000	-6.7
Aroclor-1016-4	5.990	5.888	6.088	492.910	500.000	-1.4
Aroclor-1016-5	6.282	6.180	6.380	514.580	500.000	2.9
Aroclor-1260-1	7.399	7.297	7.497	492.680	500.000	-1.5
Aroclor-1260-2	7.651	7.550	7.750	486.020	500.000	-2.8
Aroclor-1260-3	8.009	7.908	8.108	516.240	500.000	3.2
Aroclor-1260-4	8.237	8.136	8.336	498.280	500.000	-0.3
Aroclor-1260-5	8.563	8.462	8.662	488.000	500.000	-2.4
Decachlorobiphenyl	10.433	10.333	10.533	49.730	50.000	-0.5
Tetrachloro-m-xylene	4.657	4.554	4.754	50.280	50.000	0.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074770.D **Time Analyzed:** 09:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.898	4.799	4.999	517.610	500.000	3.5
Aroclor-1016-2	4.956	4.855	5.055	532.400	500.000	6.5
Aroclor-1016-3	5.076	4.976	5.176	504.660	500.000	0.9
Aroclor-1016-4	5.117	5.017	5.217	505.230	500.000	1.0
Aroclor-1016-5	5.331	5.231	5.431	479.050	500.000	-4.2
Aroclor-1260-1	6.360	6.261	6.461	483.830	500.000	-3.2
Aroclor-1260-2	6.546	6.448	6.648	482.450	500.000	-3.5
Aroclor-1260-3	6.700	6.602	6.802	449.120	500.000	-10.2
Aroclor-1260-4	7.169	7.072	7.272	485.680	500.000	-2.9
Aroclor-1260-5	7.408	7.311	7.511	476.460	500.000	-4.7
Decachlorobiphenyl	8.811	8.715	8.915	46.670	50.000	-6.7
Tetrachloro-m-xylene	3.800	3.699	3.899	55.440	50.000	10.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 16:32 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	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)	6.29	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/02/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 16:32 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074785.D **Time Analyzed:** 16:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.706	5.906	503.890	500.000	0.8
Aroclor-1016-2	5.832	5.727	5.927	516.550	500.000	3.3
Aroclor-1016-3	5.895	5.790	5.990	475.060	500.000	-5.0
Aroclor-1016-4	5.992	5.888	6.088	500.240	500.000	0.0
Aroclor-1016-5	6.285	6.180	6.380	523.750	500.000	4.8
Aroclor-1260-1	7.402	7.297	7.497	503.400	500.000	0.7
Aroclor-1260-2	7.654	7.550	7.750	496.250	500.000	-0.8
Aroclor-1260-3	8.012	7.908	8.108	525.810	500.000	5.2
Aroclor-1260-4	8.240	8.136	8.336	506.790	500.000	1.4
Aroclor-1260-5	8.566	8.462	8.662	497.940	500.000	-0.4
Decachlorobiphenyl	10.436	10.333	10.533	51.080	50.000	2.2
Tetrachloro-m-xylene	4.659	4.554	4.754	50.980	50.000	2.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074785.D **Time Analyzed:** 16:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.900	4.799	4.999	523.530	500.000	4.7
Aroclor-1016-2	4.957	4.855	5.055	548.400	500.000	9.7
Aroclor-1016-3	5.078	4.976	5.176	522.200	500.000	4.4
Aroclor-1016-4	5.118	5.017	5.217	526.570	500.000	5.3
Aroclor-1016-5	5.332	5.231	5.431	484.650	500.000	-3.1
Aroclor-1260-1	6.363	6.261	6.461	496.290	500.000	-0.7
Aroclor-1260-2	6.548	6.448	6.648	492.000	500.000	-1.6
Aroclor-1260-3	6.702	6.602	6.802	447.940	500.000	-10.4
Aroclor-1260-4	7.172	7.072	7.272	487.340	500.000	-2.5
Aroclor-1260-5	7.411	7.311	7.511	486.670	500.000	-2.7
Decachlorobiphenyl	8.812	8.715	8.915	47.160	50.000	-5.7
Tetrachloro-m-xylene	3.801	3.699	3.899	56.980	50.000	14.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/03/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.82	5.81	5.71	5.91	-0.01
Aroclor-1016-2	(2)	5.84	5.83	5.73	5.93	-0.01
Aroclor-1016-3	(3)	5.90	5.89	5.79	5.99	-0.01
Aroclor-1016-4	(4)	6.00	5.99	5.89	6.09	-0.01
Aroclor-1016-5	(5)	6.29	6.28	6.18	6.38	-0.01
Aroclor-1260-1	(1)	7.41	7.40	7.30	7.50	-0.01
Aroclor-1260-2	(2)	7.67	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.25	8.24	8.14	8.34	-0.01
Aroclor-1260-5	(5)	8.58	8.56	8.46	8.66	-0.02
Tetrachloro-m-xylene		4.67	4.65	4.55	4.75	-0.02
Decachlorobiphenyl		10.46	10.43	10.33	10.53	-0.03

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/03/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 04:27 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.07	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/03/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074791.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.820	5.706	5.906	498.190	500.000	-0.4
Aroclor-1016-2	5.840	5.727	5.927	460.870	500.000	-7.8
Aroclor-1016-3	5.903	5.790	5.990	496.800	500.000	-0.6
Aroclor-1016-4	6.000	5.888	6.088	552.460	500.000	10.5
Aroclor-1016-5	6.293	6.180	6.380	508.650	500.000	1.7
Aroclor-1260-1	7.412	7.297	7.497	466.590	500.000	-6.7
Aroclor-1260-2	7.665	7.550	7.750	481.630	500.000	-3.7
Aroclor-1260-3	8.023	7.908	8.108	481.600	500.000	-3.7
Aroclor-1260-4	8.250	8.136	8.336	466.810	500.000	-6.6
Aroclor-1260-5	8.579	8.462	8.662	467.730	500.000	-6.5
Decachlorobiphenyl	10.457	10.333	10.533	47.330	50.000	-5.3
Tetrachloro-m-xylene	4.667	4.554	4.754	52.380	50.000	4.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL03 **Date Analyzed:** 09/03/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074791.D **Time Analyzed:** 04:27

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.895	4.799	4.999	522.330	500.000	4.5
Aroclor-1016-2	4.953	4.855	5.055	612.200	500.000	22.4
Aroclor-1016-3	5.074	4.976	5.176	570.790	500.000	14.2
Aroclor-1016-4	5.114	5.017	5.217	557.540	500.000	11.5
Aroclor-1016-5	5.329	5.231	5.431	516.170	500.000	3.2
Aroclor-1260-1	6.360	6.261	6.461	477.420	500.000	-4.5
Aroclor-1260-2	6.547	6.448	6.648	473.110	500.000	-5.4
Aroclor-1260-3	6.701	6.602	6.802	420.150	500.000	-16.0
Aroclor-1260-4	7.170	7.072	7.272	429.990	500.000	-14.0
Aroclor-1260-5	7.410	7.311	7.511	421.490	500.000	-15.7
Decachlorobiphenyl	8.813	8.715	8.915	38.910	50.000	-22.2
Tetrachloro-m-xylene	3.795	3.699	3.899	58.700	50.000	17.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/03/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 11:34 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.90	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)	6.29	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.66	7.65	7.55	7.75	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.57	8.56	8.46	8.66	-0.01
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.44	10.43	10.33	10.53	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

Continuing Calib Date: 09/03/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025

Continuing Calib Time: 11:34 **Initial Calibration Time(s):** 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/03/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074804.D **Time Analyzed:** 11:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.811	5.706	5.906	496.810	500.000	-0.6
Aroclor-1016-2	5.832	5.727	5.927	517.700	500.000	3.5
Aroclor-1016-3	5.895	5.790	5.990	471.190	500.000	-5.8
Aroclor-1016-4	5.992	5.888	6.088	496.800	500.000	-0.6
Aroclor-1016-5	6.285	6.180	6.380	508.400	500.000	1.7
Aroclor-1260-1	7.403	7.297	7.497	460.190	500.000	-8.0
Aroclor-1260-2	7.655	7.550	7.750	448.020	500.000	-10.4
Aroclor-1260-3	8.013	7.908	8.108	464.340	500.000	-7.1
Aroclor-1260-4	8.242	8.136	8.336	446.910	500.000	-10.6
Aroclor-1260-5	8.568	8.462	8.662	441.390	500.000	-11.7
Decachlorobiphenyl	10.441	10.333	10.533	45.450	50.000	-9.1
Tetrachloro-m-xylene	4.659	4.554	4.754	52.030	50.000	4.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q2994

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL04 **Date Analyzed:** 09/03/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074804.D **Time Analyzed:** 11:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.799	4.999	510.280	500.000	2.1
Aroclor-1016-2	4.958	4.855	5.055	515.500	500.000	3.1
Aroclor-1016-3	5.076	4.976	5.176	502.690	500.000	0.5
Aroclor-1016-4	5.118	5.017	5.217	500.870	500.000	0.2
Aroclor-1016-5	5.331	5.231	5.431	465.370	500.000	-6.9
Aroclor-1260-1	6.361	6.261	6.461	464.110	500.000	-7.2
Aroclor-1260-2	6.548	6.448	6.648	439.840	500.000	-12.0
Aroclor-1260-3	6.703	6.602	6.802	387.310	500.000	-22.5
Aroclor-1260-4	7.172	7.072	7.272	381.040	500.000	-23.8
Aroclor-1260-5	7.411	7.311	7.511	378.500	500.000	-24.3
Decachlorobiphenyl	8.813	8.715	8.915	36.350	50.000	-27.3
Tetrachloro-m-xylene	3.801	3.699	3.899	56.810	50.000	13.6

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2994

Project: Bayshore Soil BSM Management **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/19/2025 08/19/2025

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 #
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	10.43	4.65
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	10.43	4.65
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	10.43	4.65
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	10.43	4.66
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	10.43	4.65
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	10.43	4.66
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	10.43	4.66
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	10.44	4.66
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	10.44	4.66
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	10.44	4.66
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	10.44	4.66
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	10.44	4.66
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	10.44	4.66
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	10.44	4.66
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	10.44	4.66
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	10.44	4.66
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	10.44	4.66
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	10.44	4.66
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	10.43	4.66
AR1660CCC500	AR1660CCC500	09/02/2025	09:33	PP074770.D	10.43	4.66
I.BLK	I.BLK	09/02/2025	10:39	PP074774.D	10.44	4.66
PB169485BL	PB169485BL	09/02/2025	12:24	PP074775.D	10.44	4.66
PB169485BS	PB169485BS	09/02/2025	13:33	PP074776.D	10.44	4.66
PAULDING-WC1	Q2994-01	09/02/2025	14:54	PP074781.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/02/2025	16:32	PP074785.D	10.44	4.66
I.BLK	I.BLK	09/02/2025	17:37	PP074789.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/03/2025	04:27	PP074791.D	10.46	4.67
I.BLK	I.BLK	09/03/2025	06:08	PP074795.D	10.43	4.65
AU-05-082925MS	Q2998-01MS	09/03/2025	07:52	PP074798.D	10.43	4.65
AU-05-082925MSD	Q2998-01MSD	09/03/2025	08:08	PP074799.D	10.44	4.66
AR1660CCC500	AR1660CCC500	09/03/2025	11:34	PP074804.D	10.44	4.66
I.BLK	I.BLK	09/03/2025	13:07	PP074808.D	10.44	4.66

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Analytical Sequence

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Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q2994

Project: Bayshore Soil BSM Management **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 08/19/2025 08/19/2025

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 #
I.BLK	I.BLK	08/19/2025	09:46	PP074490.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	8.81	3.80
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	8.82	3.80
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	8.82	3.80
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	8.81	3.80
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	8.82	3.80
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	8.82	3.80
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	8.82	3.80
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	8.81	3.80
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	8.82	3.80
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	8.82	3.80
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	8.82	3.80
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	8.81	3.80
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	8.82	3.80
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	8.81	3.80
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	8.81	3.80
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	8.82	3.80
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/02/2025	09:33	PP074770.D	8.81	3.80
I.BLK	I.BLK	09/02/2025	10:39	PP074774.D	8.81	3.80
PB169485BL	PB169485BL	09/02/2025	12:24	PP074775.D	8.81	3.80
PB169485BS	PB169485BS	09/02/2025	13:33	PP074776.D	8.81	3.80
PAULDING-WC1	Q2994-01	09/02/2025	14:54	PP074781.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/02/2025	16:32	PP074785.D	8.81	3.80
I.BLK	I.BLK	09/02/2025	17:37	PP074789.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/03/2025	04:27	PP074791.D	8.81	3.80
I.BLK	I.BLK	09/03/2025	06:08	PP074795.D	8.81	3.80
AU-05-082925MS	Q2998-01MS	09/03/2025	07:52	PP074798.D	8.81	3.80
AU-05-082925MSD	Q2998-01MSD	09/03/2025	08:08	PP074799.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/03/2025	11:34	PP074804.D	8.81	3.80
I.BLK	I.BLK	09/03/2025	13:07	PP074808.D	8.81	3.80

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Analytical Sequence

QC SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169485BL	SDG No.:	Q2994
Lab Sample ID:	PB169485BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074775.D	1	09/02/25 08:58	09/02/25 12:24	PB169485

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	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		32 - 175	109%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/19/25
Project:	Bayshore Soil BSM Management	Date Received:	08/19/25
Client Sample ID:	PIBLK-PP074490.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PP074490.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074490.D	1		08/19/25	PP081925

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	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		60 - 140	85%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PP074774.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PP074774.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074774.D	1		09/02/25	pp090225

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	18.3		60 - 140	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		60 - 140	87%	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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/02/25
Project:	Bayshore Soil BSM Management	Date Received:	09/02/25
Client Sample ID:	PIBLK-PP074789.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PP074789.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074789.D	1		09/02/25	pp090225

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	18.6		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 140	90%	SPK: 20

Comments:

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

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

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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/03/25
Project:	Bayshore Soil BSM Management	Date Received:	09/03/25
Client Sample ID:	PIBLK-PP074795.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PP074795.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074795.D	1		09/03/25	PP090325

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	18.8		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 140	72%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/03/25
Project:	Bayshore Soil BSM Management	Date Received:	09/03/25
Client Sample ID:	PIBLK-PP074808.D	SDG No.:	Q2994
Lab Sample ID:	I.BLK-PP074808.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074808.D	1		09/03/25	PP090325

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	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.5	*	60 - 140	58%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169485BS	SDG No.:	Q2994
Lab Sample ID:	PB169485BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074776.D	1	09/02/25 08:58	09/02/25 13:33	PB169485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	154		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	148		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 175	109%	SPK: 20

Comments:

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

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	AU-05-082925MS	SDG No.:	Q2994
Lab Sample ID:	Q2998-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074798.D	1	09/02/25 08:58	09/03/25 07:52	PB169485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	138		4.20	18.0	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	18.0	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	18.0	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.0	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.0	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.0	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.0	ug/kg
11096-82-5	Aroclor-1260	129		3.40	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		32 - 175	89%	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
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	AU-05-082925MSD	SDG No.:	Q2994
Lab Sample ID:	Q2998-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.5 Decanted:
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
PP074799.D	1	09/02/25 08:58	09/03/25 08:08	PB169485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	134		3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		32 - 175	91%	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
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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			PCB	8082A		09/02/25	09/02/25	
			Pesticide-TCL	8081B		09/02/25	09/02/25	
			EPH_NF	NJEPH		09/02/25	09/02/25	

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 15:12	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.8		1	1.30	2.20	mg/kg	FG016499.D
Aliphatic C9-C28	Aliphatic C9-C28	15.2		1	1.00	4.39	mg/kg	FG016499.D
Total AliphaticEPH	Total AliphaticEPH	57.0			2.30	6.59	mg/kg	
Total EPH	Total EPH	57.0			2.30	6.59	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016499.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.2		1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.8		1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.6		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2994-01	Acq On:	02 Sep 2025 15:12
Client Sample ID:	PAULDING-WC1	Operator:	YP\AJ
Data file:	FG016499.D	Misc:	
Instrument:	FID_G	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.289	6.931	755732	6.586	300	ug/ml
Aliphatic C12-C16	6.932	10.390	1696872	14.457	200	ug/ml
Aliphatic C16-C21	10.391	13.780	9856329	83.902	300	ug/ml
Aliphatic C21-C28	13.781	17.465	11460161	102.517	400	ug/ml
Aliphatic C28-C40	17.466	22.506	51895739	571.008	600	ug/ml
Aliphatic EPH	3.289	22.506	75664833	778.47		ug/ml
ortho-Terphenyl (SURR)	12.069	12.069	4214105	31.83		ug/ml
1-chlorooctadecane (SURR)	13.515	13.515	3478554	34.56		ug/ml
Aliphatic C9-C28	3.289	17.465	23769094	207.462	1200	ug/ml

QC SUMMARY

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A B C D E F

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Run Number: FE090325AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB169491BL	87	84		0
PB169491BS	62	59		0
PB169491BSD	62	59		0

	QC LIMITS
1-chlorooctadecane (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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Run Number: FF090225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
RT5427MS	62	59		0
RT5427MSD	62	59		0

	QC LIMITS
1-chlorooctadecane (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

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q2994

Run Number: FG090225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PAULDING-WC1	69	64		0

	QC LIMITS
1-chlorooctadecane (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

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Ser

Lab Code: ACE **SDG No:** Q2994

Sample No : Q2995-01MS **Datafile:** FF016304.D **Client ID :** RT5427MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	32.7	4.46	46.3	127		(40-140)
Aliphatic C9-C28	109.1	4.48	111	98		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Ser

Lab Code: ACE **SDG No:** Q2994

Sample No : Q2995-01MSD **Datafile:** FF016305.D **Client ID :** RT5427MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	32.7	4.46	46.9	129		1.56 |	(40-140)	50
Aliphatic C9-C28	109.1	4.48	110	97		0.9 |	(40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Servic

Lab Code: ACE **SDG No:** Q2994

Sample No : PB169491BS **Datafile:** FE055632.D **Client ID :** PB169491BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	26.1	87		(40-140)
Aliphatic C9-C28	100.1	77.0	77		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Core Environmental Consultants and Servic

Lab Code: ACE **SDG No:** Q2994

Sample No : PB169491BSD **Datafile:** FE055633.D **Client ID :** PB169491BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	26.8	89		2.7|	(40-140)	25
Aliphatic C9-C28	99.9	76.5	77		0.637|	(40-140)	25

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4B

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169491BL

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q2994

Instrument ID: FID_E Lab Sample ID: PB169491BL

Matrix: (soil/water) Solid Date Extracted: 9/2/2025 10:30:00 A

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169491BS	PB169491BS
PB169491BSD	PB169491BSD
PAULDING-WC1	Q2994-01
RT5427MS	Q2995-01MS
RT5427MSD	Q2995-01MSD

COMMENTS:

QC SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BL	SDG No.:	Q2994
Lab Sample ID:	PB169491BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 11:22	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE055631.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE055631.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BL	SDG No.:	Q2994
Lab Sample ID:	PB169491BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055631.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.91	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		43.3		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		41.8		40 - 140	84%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BL	Acq On:	03 Sep 2025 11:22
Client Sample ID:	PB169491BL	Operator:	YP\AJ
Data file:	FE055631.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	3.314	6.948	0	0	300	ug/ml
Aliphatic C12-C16	6.949	10.401	0	0	200	ug/ml
Aliphatic C16-C21	10.402	13.781	0	0	300	ug/ml
Aliphatic C21-C28	13.782	17.452	0	0	400	ug/ml
Aliphatic C28-C40	17.453	22.470	0	0	600	ug/ml
Aliphatic EPH	3.314	22.470	0	0		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	6862362	41.77		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	5413604	43.29		ug/ml
Aliphatic C9-C28	3.314	17.452	0	0	1200	ug/ml

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BS	SDG No.:	Q2994
Lab Sample ID:	PB169491BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 11:52	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.18	2.00	mg/kg	FE055632.D
Aliphatic C9-C28	Aliphatic C9-C28	77.0		1	0.91	4.00	mg/kg	FE055632.D
Total AliphaticEPH	Total AliphaticEPH	103			2.09	6.00	mg/kg	
Total EPH	Total EPH	103			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BS	SDG No.:	Q2994
Lab Sample ID:	PB169491BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055632.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.0		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.1		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BS	Acq On:	03 Sep 2025 11:52
Client Sample ID:	PB169491BS	Operator:	YP\AJ
Data file:	FE055632.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	26157605	203.714	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35570089	263.296	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42426409	294.184	300	ug/ml
Aliphatic C21-C28	13.782	17.452	56473311	394.268	400	ug/ml
Aliphatic C28-C40	17.453	22.470	53991346	392.038	600	ug/ml
Aliphatic EPH	3.314	22.470	214618760	1550		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	4882495	29.72		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	3882401	31.05		ug/ml
Aliphatic C9-C28	3.314	17.452	160627414	1160	1200	ug/ml

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BSD	SDG No.:	Q2994
Lab Sample ID:	PB169491BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 12:23	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.8		1	1.18	2.00	mg/kg	FE055633.D
Aliphatic C9-C28	Aliphatic C9-C28	76.5		1	0.91	3.99	mg/kg	FE055633.D
Total AliphaticEPH	Total AliphaticEPH	103			2.09	5.99	mg/kg	
Total EPH	Total EPH	103			2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	PB169491BSD	SDG No.:	Q2994
Lab Sample ID:	PB169491BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055633.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	76.5		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.8		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BSD	Acq On:	03 Sep 2025 12:23
Client Sample ID:	PB169491BSD	Operator:	YP\AJ
Data file:	FE055633.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	25838740	201.23	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35225963	260.749	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42236972	292.871	300	ug/ml
Aliphatic C21-C28	13.782	17.452	56379057	393.61	400	ug/ml
Aliphatic C28-C40	17.453	22.470	55446338	402.603	600	ug/ml
Aliphatic EPH	3.314	22.470	215127070	1550		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	4838548	29.45		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	3857056	30.85		ug/ml
Aliphatic C9-C28	3.314	17.452	159680732	1150	1200	ug/ml

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	RT5427MS	SDG No.:	Q2994
Lab Sample ID:	Q2995-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 17:10	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.3	E	1	1.29	2.18	mg/kg	FF016304.D
Aliphatic C9-C28	Aliphatic C9-C28	111	E	1	0.99	4.37	mg/kg	FF016304.D
Total AliphaticEPH	Total AliphaticEPH	158			2.28	6.55	mg/kg	
Total EPH	Total EPH	158			2.28	6.55	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
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D = Dilution

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	RT5427MS	SDG No.:	Q2994
Lab Sample ID:	Q2995-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016304.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		111	E	0.99	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		46.3	E	1.29	2.18	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		29.5		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2995-01MS	Acq On:	02 Sep 2025 17:10
Client Sample ID:	RT5427MS	Operator:	YP\AJ
Data file:	FF016304.D	Misc:	
Instrument:	FID_F	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.221	6.863	27503332	232.164	300	ug/ml
Aliphatic C12-C16	6.864	10.308	41878540	341.326	200	ug/ml
Aliphatic C16-C21	10.304	13.681	53969290	421.23	300	ug/ml
Aliphatic C21-C28	13.682	17.352	67346840	536.189	400	ug/ml
Aliphatic C28-C40	17.353	22.315	64717173	636.503	600	ug/ml
Aliphatic EPH	3.221	22.315	255415175	2170		ug/ml
ortho-Terphenyl (SURR)	11.978	11.978	4270677	29.53		ug/ml
1-chlorooctadecane (SURR)	13.418	13.418	3476128	31.16		ug/ml
Aliphatic C9-C28	3.221	17.352	190698002	1530	1200	ug/ml

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

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	RT5427MSD	SDG No.:	Q2994
Lab Sample ID:	Q2995-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/02/25 17:40	PB169491

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.9	E	1	1.29	2.18	mg/kg	FF016305.D
Aliphatic C9-C28	Aliphatic C9-C28	110	E	1	0.99	4.36	mg/kg	FF016305.D
Total AliphaticEPH	Total AliphaticEPH	157			2.28	6.54	mg/kg	
Total EPH	Total EPH	157			2.28	6.54	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	Bayshore Soil BSM Management	Date Received:	
Client Sample ID:	RT5427MSD	SDG No.:	Q2994
Lab Sample ID:	Q2995-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016305.D	1	09/02/25	09/02/25	PB169491

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		110	E	0.99	4.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		46.9	E	1.29	2.18	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		29.3		40 - 140	59%	SPK: 50

Alliance TECHNICAL GROUP
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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2995-01MSD	Acq On:	02 Sep 2025 17:40
Client Sample ID:	RT5427MSD	Operator:	YP\AJ
Data file:	FF016305.D	Misc:	
Instrument:	FID_F	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.221	6.863	27249038	230.017	300	ug/ml
Aliphatic C12-C16	6.864	10.308	41526094	338.453	200	ug/ml
Aliphatic C16-C21	10.304	13.681	53499266	417.562	300	ug/ml
Aliphatic C21-C28	13.682	17.352	66816740	531.969	400	ug/ml
Aliphatic C28-C40	17.353	22.315	65606496	645.249	600	ug/ml
Aliphatic EPH	3.221	22.315	254697634	2160		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4239887	29.32		ug/ml
1-chlorooctadecane (SURR)	13.417	13.417	3440527	30.84		ug/ml
Aliphatic C9-C28	3.221	17.352	189091138	1520	1200	ug/ml

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Inital Calibration Report for SequenceID : FE082925AL

AreaCount

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	36131908.000	18793237.000	7683758.000	3922762.000	2062046.000	
Aliphatic C12-C16	25458636.000	13147541.000	5377243.000	2752069.000	1446731.000	
Aliphatic C16-C21	40534429.000	20932155.000	8616013.000	4440715.000	2321992.000	
Aliphatic C21-C28	53136513.000	27590202.000	11417606.000	5910364.000	3098144.000	
Aliphatic C28-C40	75097151.000	39091365.000	16277300.000	8645814.000	4601724.000	
Aliphatic EPH	230358637.000	119554500.000	49371920.000	25671724.000	13530637.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	128403.8079996	4.941				
Aliphatic C12-C16	135095.243	4.86				
Aliphatic C16-C21	144217.1959996	5.275				
Aliphatic C21-C28	143235.7335	5.974				
Aliphatic C28-C40	137719.6669998	8.144				
Aliphatic EPH	138184.1352218	6.281				

Concentration

Parameter Range	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.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	FE055545.D	FE055546.D	FE055547.D	FE055548.D	FE055549.D	
Aliphatic C9-C12	120439.693333	125288.246666	128062.633333	130758.733333	137469.733333	
Aliphatic C12-C16	127293.180000	131475.410000	134431.075000	137603.450000	144673.100000	
Aliphatic C16-C21	135114.763333	139547.700000	143600.216666	148023.833333	154799.466666	

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Inital Calibration Report for SequenceID : FE082925AL

Aliphatic C21-C28	132841.282500	137951.010000	142720.075000	147759.100000	154907.200000	
Aliphatic C28-C40	125161.918333	130304.550000	135644.166666	144096.900000	153390.800000	
Aliphatic EPH	127977.020555	132838.333333	137144.222222	142620.688888	150340.411111	

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Inital Calibration Report for SequenceID : FF082825AL

AreaCount

Parameter Range	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.D	
Aliphatic C9-C12	33315935.000	17589839.000	7059327.000	3603788.000	1893391.000	
Aliphatic C12-C16	23002718.000	12189380.000	4867787.000	2485284.000	1306020.000	
Aliphatic C16-C21	35775321.000	18961268.000	7656964.000	3909416.000	2055389.000	
Aliphatic C21-C28	46828519.000	24572921.000	10042913.000	5130806.000	2685424.000	
Aliphatic C28-C40	55399589.000	28861849.000	12257592.000	6368488.000	3346626.000	
Aliphatic EPH	194322082.000	102175257.000	41884583.000	21497782.000	11286850.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	118465.2986662	4.624				
Aliphatic C12-C16	122693.653	4.568				
Aliphatic C16-C21	128123.0779996	5.028				
Aliphatic C21-C28	125602.733	5.075				
Aliphatic C28-C40	101676.2156664	7.538				
Aliphatic EPH	116534.4812218	5.591				

Concentration

Parameter Range	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.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	FF016262.D	FF016263.D	FF016264.D	FF016265.D	FF016266.D	
Aliphatic C9-C12	111053.116666	117265.593333	117655.450000	120126.266666	126226.066666	
Aliphatic C12-C16	115013.590000	121893.800000	121694.675000	124264.200000	130602.000000	
Aliphatic C16-C21	119251.070000	126408.453333	127616.066666	130313.866666	137025.933333	

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Inital Calibration Report for SequenceID : FF082825AL

Aliphatic C21-C28	117071.297500	122864.605000	125536.412500	128270.150000	134271.200000	
Aliphatic C28-C40	92332.648333	96206.163333	102146.600000	106141.466666	111554.200000	
Aliphatic EPH	107956.712222	113528.063333	116346.063888	119432.122222	125409.444444	

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Inital Calibration Report for SequenceID : FG082825AL

AreaCount

Parameter Range	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.D	
Aliphatic C9-C12	32506303.000	16595078.000	6814891.000	3526302.000	1854481.000	
Aliphatic C12-C16	22138335.000	11327634.000	4642168.000	2411799.000	1262554.000	
Aliphatic C16-C21	33072025.000	16981194.000	6965557.000	3621712.000	1906604.000	
Aliphatic C21-C28	41856362.000	21556838.000	8838591.000	4591747.000	2424798.000	
Aliphatic C28-C40	49881138.000	25753182.000	10779544.000	5663649.000	3036570.000	
Aliphatic EPH	179454163.000	92213926.000	38040751.000	19815209.000	10485007.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	114749.0359996	5.263				
Aliphatic C12-C16	117373.513	5.259				
Aliphatic C16-C21	117474.265333	5.643				
Aliphatic C21-C28	111788.2115	5.783				
Aliphatic C28-C40	90884.3706666	7.89				
Aliphatic EPH	106881.9999994	6.196				

Concentration

Parameter Range	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.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	FG016428.D	FG016429.D	FG016430.D	FG016431.D	FG016432.D	
Aliphatic C9-C12	108354.343333	110633.853333	113581.516666	117543.400000	123632.066666	
Aliphatic C12-C16	110691.675000	113276.340000	116054.200000	120589.950000	126255.400000	
Aliphatic C16-C21	110240.083333	113207.960000	116092.616666	120723.733333	127106.933333	

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Inital Calibration Report for SequenceID : FG082825AL

Aliphatic C21-C28	104640.905000	107784.190000	110482.387500	114793.675000	121239.900000	
Aliphatic C28-C40	83135.230000	85843.940000	89829.533333	94394.150000	101219.000000	
Aliphatic EPH	99696.757222	102459.917777	105668.752777	110084.494444	116500.077777	

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Continuing Calibration Report for SequenceID : FE090325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055628.D**						
Aliphatic C9-C12	8892473.000	60.000	3.314	6.948	148207.883	128403.808	-15.423
Aliphatic C12-C16	6318729.000	40.000	6.949	10.401	157968.225	135095.243	-16.931
Aliphatic C16-C21	10097541.000	60.000	10.402	13.781	168292.350	144217.196	-16.694
Aliphatic C21-C28	13419436.000	80.000	13.782	17.452	167742.950	143235.734	-17.110
Aliphatic C28-C40	19922783.000	120.000	17.453	22.470	166023.192	137719.667	-20.552
Aliphatic EPH	58650962.000	360.000	3.314	22.470	162919.339	138184.135	-17.900

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Sep 2025 09:15
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055628.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.314	6.948	8892473.000	60.000	ug/ml
Aliphatic C12-C16	6.949	10.401	6318729.000	40.000	ug/ml
Aliphatic C16-C21	10.402	13.781	10097541.000	60.000	ug/ml
Aliphatic C21-C28	13.782	17.452	13419436.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.470	19922783.000	120.000	ug/ml
Aliphatic EPH	3.314	22.470	58650962.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FE090325AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE055638.D**						
Aliphatic C9-C12	7526897.000	60.000	3.314	6.948	125448.283	128403.808	2.302
Aliphatic C12-C16	5379583.000	40.000	6.949	10.401	134489.575	135095.243	0.448
Aliphatic C16-C21	8682377.000	60.000	10.402	13.781	144706.283	144217.196	-0.339
Aliphatic C21-C28	11698379.000	80.000	13.782	17.452	146229.738	143235.734	-2.090
Aliphatic C28-C40	16925194.000	120.000	17.453	22.470	141043.283	137719.667	-2.413
Aliphatic EPH	50212430.000	360.000	3.314	22.470	139478.972	138184.135	-0.937

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Sep 2025 14:55
Client Sample ID:		Operator:	YP\AJ
Data file:	FE055638.D	Misc:	
Instrument:	FID_E	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.314	6.948	7526897.000	60.000	ug/ml
Aliphatic C12-C16	6.949	10.401	5379583.000	40.000	ug/ml
Aliphatic C16-C21	10.402	13.781	8682377.000	60.000	ug/ml
Aliphatic C21-C28	13.782	17.452	11698379.000	80.000	ug/ml
Aliphatic C28-C40	17.453	22.470	16925194.000	120.000	ug/ml
Aliphatic EPH	3.314	22.470	50212430.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : fF090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016298.D**						
Aliphatic C9-C12	7594242.000	60.000	3.221	6.863	126570.700	118465.299	-6.842
Aliphatic C12-C16	5249179.000	40.000	6.864	10.308	131229.475	122693.653	-6.957
Aliphatic C16-C21	8146821.000	60.000	10.304	13.681	135780.350	128123.078	-5.976
Aliphatic C21-C28	10722331.000	80.000	13.682	17.352	134029.138	125602.733	-6.709
Aliphatic C28-C40	12554888.000	120.000	17.353	22.315	104624.067	101676.216	-2.899
Aliphatic EPH	44267461.000	360.000	3.221	22.315	122965.169	116534.481	-5.518

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Sep 2025 11:50
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016298.D	Misc:	
Instrument:	FID_F	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.221	6.863	7594242.000	60.000	ug/ml
Aliphatic C12-C16	6.864	10.308	5249179.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.681	8146821.000	60.000	ug/ml
Aliphatic C21-C28	13.682	17.352	10722331.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.315	12554888.000	120.000	ug/ml
Aliphatic EPH	3.221	22.315	44267461.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : fF090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FF016310.D**						
Aliphatic C9-C12	8001465.000	60.000	3.221	6.863	133357.750	118465.299	-12.571
Aliphatic C12-C16	5545827.000	40.000	6.864	10.308	138645.675	122693.653	-13.002
Aliphatic C16-C21	8616371.000	60.000	10.304	13.681	143606.183	128123.078	-12.085
Aliphatic C21-C28	11411717.000	80.000	13.682	17.352	142646.463	125602.733	-13.570
Aliphatic C28-C40	13694562.000	120.000	17.353	22.315	114121.350	101676.216	-12.240
Aliphatic EPH	47269942.000	360.000	3.221	22.315	131305.394	116534.481	-12.675

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Sep 2025 03:09
Client Sample ID:		Operator:	YP\AJ
Data file:	FF016310.D	Misc:	
Instrument:	FID_F	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.221	6.863	8001465.000	60.000	ug/ml
Aliphatic C12-C16	6.864	10.308	5545827.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.681	8616371.000	60.000	ug/ml
Aliphatic C21-C28	13.682	17.352	11411717.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.315	13694562.000	120.000	ug/ml
Aliphatic EPH	3.221	22.315	47269942.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : fg090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016497.D**						
Aliphatic C9-C12	7775936.000	60.000	3.289	6.931	129598.933	114749.036	-12.941
Aliphatic C12-C16	5309679.000	40.000	6.932	10.390	132741.975	117373.513	-13.094
Aliphatic C16-C21	7959932.000	60.000	10.391	13.780	132665.533	117474.265	-12.932
Aliphatic C21-C28	10027641.000	80.000	13.781	17.465	125345.513	111788.212	-12.128
Aliphatic C28-C40	10884921.000	120.000	17.466	22.506	90707.675	90884.371	0.194
Aliphatic EPH	41958109.000	360.000	3.289	22.506	116550.303	106882.000	-9.046

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	02 Sep 2025 11:05
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016497.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.289	6.931	7775936.000	60.000	ug/ml
Aliphatic C12-C16	6.932	10.390	5309679.000	40.000	ug/ml
Aliphatic C16-C21	10.391	13.780	7959932.000	60.000	ug/ml
Aliphatic C21-C28	13.781	17.465	10027641.000	80.000	ug/ml
Aliphatic C28-C40	17.466	22.506	10884921.000	120.000	ug/ml
Aliphatic EPH	3.289	22.506	41958109.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : fg090225al

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FG016509.D**						
Aliphatic C9-C12	7967193.000	60.000	3.289	6.931	132786.550	114749.036	-15.719
Aliphatic C12-C16	5473726.000	40.000	6.932	10.390	136843.150	117373.513	-16.588
Aliphatic C16-C21	8300359.000	60.000	10.391	13.780	138339.317	117474.265	-17.761
Aliphatic C21-C28	10630887.000	80.000	13.781	17.465	132886.088	111788.212	-18.873
Aliphatic C28-C40	12512758.000	120.000	17.466	22.506	104272.983	90884.371	-14.731
Aliphatic EPH	44884923.000	360.000	3.289	22.506	124680.342	106882.000	-16.652

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	03 Sep 2025 02:40
Client Sample ID:		Operator:	YP\AJ
Data file:	FG016509.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.289	6.931	7967193.000	60.000	ug/ml
Aliphatic C12-C16	6.932	10.390	5473726.000	40.000	ug/ml
Aliphatic C16-C21	10.391	13.780	8300359.000	60.000	ug/ml
Aliphatic C21-C28	13.781	17.465	10630887.000	80.000	ug/ml
Aliphatic C28-C40	17.466	22.506	12512758.000	120.000	ug/ml
Aliphatic EPH	3.289	22.506	44884923.000	360.000	ug/ml

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LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25**			**08/29/25**
			Mercury	7471B		09/03/25	09/03/25	
			Metals ICP-TAL	6010D		09/02/25	09/02/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2994 **Order ID:** Q2994

Client: Core Environmental Consultants and Services, Inc. **Project ID:** Bayshore Soil BSM Management

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PAULDING-WC1								
Q2994-01	PAULDING-WC1	SOIL	Aluminum	4740		0.80	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Arsenic	4.19		0.18	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Barium	50.1		0.70	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Beryllium	0.40		0.024	0.29	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Cadmium	0.49		0.023	0.29	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Calcium	11100		10.6	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Chromium	10.9		0.045	0.48	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Cobalt	5.50		0.096	1.43	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Copper	46.8		0.21	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Iron	12100		3.81	4.78	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Lead	196		0.12	0.57	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Magnesium	4460		11.5	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Manganese	192		0.13	0.96	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Mercury	0.87	D	0.016	0.029	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Nickel	18.2		0.12	1.91	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Potassium	1090		26.5	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Silver	0.53		0.12	0.48	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Sodium	753		17.0	95.6	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Vanadium	16.0		0.24	1.91	mg/Kg
Q2994-01	PAULDING-WC1	SOIL	Zinc	111		0.22	1.91	mg/Kg

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4740		1	0.80	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.39	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-38-2	Arsenic	4.19	*	1	0.18	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-39-3	Barium	50.1	N	1	0.70	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.024	0.29	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-43-9	Cadmium	0.49		1	0.023	0.29	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-70-2	Calcium	11100		1	10.6	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-47-3	Chromium	10.9		1	0.045	0.48	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-48-4	Cobalt	5.50		1	0.096	1.43	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-50-8	Copper	46.8	N*	1	0.21	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-89-6	Iron	12100		1	3.81	4.78	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-92-1	Lead	196	N*	1	0.12	0.57	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-95-4	Magnesium	4460	*	1	11.5	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-96-5	Manganese	192		1	0.13	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7439-97-6	Mercury	0.87	DN	2	0.016	0.029	mg/Kg	09/03/25 09:15	09/03/25 14:28	7471B	
7440-02-0	Nickel	18.2		1	0.12	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-09-7	Potassium	1090	N	1	26.5	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.96	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-22-4	Silver	0.53		1	0.12	0.48	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-23-5	Sodium	753	N	1	17.0	95.6	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-62-2	Vanadium	16.0		1	0.24	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050
7440-66-6	Zinc	111		1	0.22	1.91	mg/Kg	09/02/25 10:35	09/02/25 17:06	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
ICV19	Mercury	3.92	4.0	98	90 - 110	CV	09/03/2025	13:16	LB137054

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

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SDG No.: Q2994

Contract: CORE02

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
CCV55	Mercury	5.17	5.0	104	90 - 110	CV	09/03/2025	13:21	LB137054
CCV56	Mercury	5.03	5.0	101	90 - 110	CV	09/03/2025	13:53	LB137054
CCV57	Mercury	5.10	5.0	102	90 - 110	CV	09/03/2025	14:21	LB137054
CCV58	Mercury	5.10	5.0	102	90 - 110	CV	09/03/2025	14:30	LB137054

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Metals

- 2a -

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Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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	7900	8000	99	90 - 110	P	09/02/2025	11:30	LB137041
	Antimony	4120	4000	103	90 - 110	P	09/02/2025	11:30	LB137041
	Arsenic	4020	4000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Barium	7990	8000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Beryllium	200	200	100	90 - 110	P	09/02/2025	11:30	LB137041
	Cadmium	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Calcium	19700	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Chromium	820	800	102	90 - 110	P	09/02/2025	11:30	LB137041
	Cobalt	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Copper	1020	1000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Iron	4090	4000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Lead	3920	4000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Magnesium	19600	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Manganese	1950	2000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Nickel	1990	2000	100	90 - 110	P	09/02/2025	11:30	LB137041
	Potassium	20200	20000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Selenium	4070	4000	102	90 - 110	P	09/02/2025	11:30	LB137041
	Silver	1030	1000	103	90 - 110	P	09/02/2025	11:30	LB137041
	Sodium	19700	20000	98	90 - 110	P	09/02/2025	11:30	LB137041
	Thallium	4050	4000	101	90 - 110	P	09/02/2025	11:30	LB137041
	Vanadium	1970	2000	99	90 - 110	P	09/02/2025	11:30	LB137041
	Zinc	2030	2000	102	90 - 110	P	09/02/2025	11:30	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
LLICV01	Aluminum	112	100	112	80 - 120	P	09/02/2025	11:34	LB137041
	Antimony	49.3	50.0	99	80 - 120	P	09/02/2025	11:34	LB137041
	Arsenic	22.0	20.0	110	80 - 120	P	09/02/2025	11:34	LB137041
	Barium	99.2	100	99	80 - 120	P	09/02/2025	11:34	LB137041
	Beryllium	6.24	6.0	104	80 - 120	P	09/02/2025	11:34	LB137041
	Cadmium	6.01	6.0	100	80 - 120	P	09/02/2025	11:34	LB137041
	Calcium	2090	2000	104	80 - 120	P	09/02/2025	11:34	LB137041
	Chromium	10.2	10.0	102	80 - 120	P	09/02/2025	11:34	LB137041
	Cobalt	29.8	30.0	99	80 - 120	P	09/02/2025	11:34	LB137041
	Copper	21.7	20.0	109	80 - 120	P	09/02/2025	11:34	LB137041
	Iron	114	100	114	80 - 120	P	09/02/2025	11:34	LB137041
	Lead	12.3	12.0	103	80 - 120	P	09/02/2025	11:34	LB137041
	Magnesium	2210	2000	110	80 - 120	P	09/02/2025	11:34	LB137041
	Manganese	21.8	20.0	109	80 - 120	P	09/02/2025	11:34	LB137041
	Nickel	40.3	40.0	101	80 - 120	P	09/02/2025	11:34	LB137041
	Potassium	2050	2000	102	80 - 120	P	09/02/2025	11:34	LB137041
	Selenium	22.6	20.0	113	80 - 120	P	09/02/2025	11:34	LB137041
	Silver	10.5	10.0	106	80 - 120	P	09/02/2025	11:34	LB137041
	Sodium	1870	2000	94	80 - 120	P	09/02/2025	11:34	LB137041
	Thallium	42.1	40.0	105	80 - 120	P	09/02/2025	11:34	LB137041
	Vanadium	40.6	40.0	101	80 - 120	P	09/02/2025	11:34	LB137041
	Zinc	43.6	40.0	109	80 - 120	P	09/02/2025	11:34	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
CCV01	Aluminum	10400	10000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Antimony	5300	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Arsenic	5280	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Barium	10200	10000	102	90 - 110	P	09/02/2025	12:20	LB137041
	Beryllium	260	250	104	90 - 110	P	09/02/2025	12:20	LB137041
	Cadmium	2620	2500	105	90 - 110	P	09/02/2025	12:20	LB137041
	Calcium	25900	25000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Chromium	1080	1000	108	90 - 110	P	09/02/2025	12:20	LB137041
	Cobalt	2600	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	12:20	LB137041
	Iron	5300	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Lead	5190	5000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Magnesium	25900	25000	104	90 - 110	P	09/02/2025	12:20	LB137041
	Manganese	2540	2500	102	90 - 110	P	09/02/2025	12:20	LB137041
	Nickel	2610	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Potassium	26300	25000	105	90 - 110	P	09/02/2025	12:20	LB137041
	Selenium	5360	5000	107	90 - 110	P	09/02/2025	12:20	LB137041
	Silver	1320	1250	106	90 - 110	P	09/02/2025	12:20	LB137041
	Sodium	25600	25000	102	90 - 110	P	09/02/2025	12:20	LB137041
	Thallium	5290	5000	106	90 - 110	P	09/02/2025	12:20	LB137041
	Vanadium	2600	2500	104	90 - 110	P	09/02/2025	12:20	LB137041
	Zinc	2680	2500	107	90 - 110	P	09/02/2025	12:20	LB137041
CCV02	Aluminum	10200	10000	102	90 - 110	P	09/02/2025	13:19	LB137041
	Antimony	5400	5000	108	90 - 110	P	09/02/2025	13:19	LB137041
	Arsenic	5340	5000	107	90 - 110	P	09/02/2025	13:19	LB137041
	Barium	9840	10000	98	90 - 110	P	09/02/2025	13:19	LB137041
	Beryllium	256	250	102	90 - 110	P	09/02/2025	13:19	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Calcium	25000	25000	100	90 - 110	P	09/02/2025	13:19	LB137041
	Chromium	1060	1000	106	90 - 110	P	09/02/2025	13:19	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	13:19	LB137041
	Iron	5040	5000	101	90 - 110	P	09/02/2025	13:19	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	13:19	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
CCV02	Magnesium	24900	25000	100	90 - 110	P	09/02/2025	13:19	LB137041
	Manganese	2430	2500	97	90 - 110	P	09/02/2025	13:19	LB137041
	Nickel	2590	2500	104	90 - 110	P	09/02/2025	13:19	LB137041
	Potassium	25400	25000	102	90 - 110	P	09/02/2025	13:19	LB137041
	Selenium	5460	5000	109	90 - 110	P	09/02/2025	13:19	LB137041
	Silver	1310	1250	105	90 - 110	P	09/02/2025	13:19	LB137041
	Sodium	23300	25000	93	90 - 110	P	09/02/2025	13:19	LB137041
	Thallium	5430	5000	109	90 - 110	P	09/02/2025	13:19	LB137041
	Vanadium	2540	2500	102	90 - 110	P	09/02/2025	13:19	LB137041
	Zinc	2530	2500	101	90 - 110	P	09/02/2025	13:19	LB137041
CCV03	Aluminum	10300	10000	103	90 - 110	P	09/02/2025	14:08	LB137041
	Antimony	5400	5000	108	90 - 110	P	09/02/2025	14:08	LB137041
	Arsenic	5320	5000	106	90 - 110	P	09/02/2025	14:08	LB137041
	Barium	10100	10000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Beryllium	256	250	102	90 - 110	P	09/02/2025	14:08	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Calcium	25300	25000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Chromium	1070	1000	107	90 - 110	P	09/02/2025	14:08	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	14:08	LB137041
	Iron	5290	5000	106	90 - 110	P	09/02/2025	14:08	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	14:08	LB137041
	Magnesium	25200	25000	101	90 - 110	P	09/02/2025	14:08	LB137041
	Manganese	2480	2500	99	90 - 110	P	09/02/2025	14:08	LB137041
	Nickel	2590	2500	104	90 - 110	P	09/02/2025	14:08	LB137041
	Potassium	26300	25000	105	90 - 110	P	09/02/2025	14:08	LB137041
	Selenium	5460	5000	109	90 - 110	P	09/02/2025	14:08	LB137041
	Silver	1330	1250	106	90 - 110	P	09/02/2025	14:08	LB137041
	Sodium	25000	25000	100	90 - 110	P	09/02/2025	14:08	LB137041
	Thallium	5370	5000	107	90 - 110	P	09/02/2025	14:08	LB137041
	Vanadium	2560	2500	103	90 - 110	P	09/02/2025	14:08	LB137041
	Zinc	2650	2500	106	90 - 110	P	09/02/2025	14:08	LB137041
CCV04	Aluminum	10300	10000	103	90 - 110	P	09/02/2025	14:59	LB137041
	Antimony	5420	5000	108	90 - 110	P	09/02/2025	14:59	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
CCV04	Arsenic	5350	5000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Barium	10100	10000	101	90 - 110	P	09/02/2025	14:59	LB137041
	Beryllium	252	250	101	90 - 110	P	09/02/2025	14:59	LB137041
	Cadmium	2590	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Calcium	25400	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Chromium	1070	1000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Cobalt	2590	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Copper	1320	1250	106	90 - 110	P	09/02/2025	14:59	LB137041
	Iron	5350	5000	107	90 - 110	P	09/02/2025	14:59	LB137041
	Lead	5140	5000	103	90 - 110	P	09/02/2025	14:59	LB137041
	Magnesium	25500	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Manganese	2500	2500	100	90 - 110	P	09/02/2025	14:59	LB137041
	Nickel	2600	2500	104	90 - 110	P	09/02/2025	14:59	LB137041
	Potassium	26400	25000	106	90 - 110	P	09/02/2025	14:59	LB137041
	Selenium	5490	5000	110	90 - 110	P	09/02/2025	14:59	LB137041
	Silver	1320	1250	106	90 - 110	P	09/02/2025	14:59	LB137041
	Sodium	25600	25000	102	90 - 110	P	09/02/2025	14:59	LB137041
	Thallium	5470	5000	109	90 - 110	P	09/02/2025	14:59	LB137041
	Vanadium	2580	2500	103	90 - 110	P	09/02/2025	14:59	LB137041
	Zinc	2630	2500	105	90 - 110	P	09/02/2025	14:59	LB137041
CCV05	Aluminum	9690	10000	97	90 - 110	P	09/02/2025	16:03	LB137041
	Antimony	5140	5000	103	90 - 110	P	09/02/2025	16:03	LB137041
	Arsenic	5070	5000	101	90 - 110	P	09/02/2025	16:03	LB137041
	Barium	9490	10000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Beryllium	234	250	93	90 - 110	P	09/02/2025	16:03	LB137041
	Cadmium	2420	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Calcium	23800	25000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Chromium	984	1000	98	90 - 110	P	09/02/2025	16:03	LB137041
	Cobalt	2440	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Copper	1250	1250	100	90 - 110	P	09/02/2025	16:03	LB137041
	Iron	4860	5000	97	90 - 110	P	09/02/2025	16:03	LB137041
	Lead	4800	5000	96	90 - 110	P	09/02/2025	16:03	LB137041
	Magnesium	23800	25000	95	90 - 110	P	09/02/2025	16:03	LB137041
	Manganese	2340	2500	94	90 - 110	P	09/02/2025	16:03	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
CCV05	Nickel	2440	2500	98	90 - 110	P	09/02/2025	16:03	LB137041
	Potassium	24900	25000	100	90 - 110	P	09/02/2025	16:03	LB137041
	Selenium	5210	5000	104	90 - 110	P	09/02/2025	16:03	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	16:03	LB137041
	Sodium	23500	25000	94	90 - 110	P	09/02/2025	16:03	LB137041
	Thallium	4980	5000	100	90 - 110	P	09/02/2025	16:03	LB137041
	Vanadium	2420	2500	97	90 - 110	P	09/02/2025	16:03	LB137041
	Zinc	2470	2500	99	90 - 110	P	09/02/2025	16:03	LB137041
CCV06	Aluminum	9710	10000	97	90 - 110	P	09/02/2025	16:54	LB137041
	Antimony	5220	5000	104	90 - 110	P	09/02/2025	16:54	LB137041
	Arsenic	5140	5000	103	90 - 110	P	09/02/2025	16:54	LB137041
	Barium	9580	10000	96	90 - 110	P	09/02/2025	16:54	LB137041
	Beryllium	237	250	95	90 - 110	P	09/02/2025	16:54	LB137041
	Cadmium	2450	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Calcium	23800	25000	95	90 - 110	P	09/02/2025	16:54	LB137041
	Chromium	1010	1000	101	90 - 110	P	09/02/2025	16:54	LB137041
	Cobalt	2460	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Copper	1260	1250	101	90 - 110	P	09/02/2025	16:54	LB137041
	Iron	5060	5000	101	90 - 110	P	09/02/2025	16:54	LB137041
	Lead	4860	5000	97	90 - 110	P	09/02/2025	16:54	LB137041
	Magnesium	23700	25000	95	90 - 110	P	09/02/2025	16:54	LB137041
	Manganese	2340	2500	93	90 - 110	P	09/02/2025	16:54	LB137041
	Nickel	2460	2500	98	90 - 110	P	09/02/2025	16:54	LB137041
	Potassium	25800	25000	103	90 - 110	P	09/02/2025	16:54	LB137041
	Selenium	5300	5000	106	90 - 110	P	09/02/2025	16:54	LB137041
	Silver	1270	1250	102	90 - 110	P	09/02/2025	16:54	LB137041
	Sodium	23600	25000	94	90 - 110	P	09/02/2025	16:54	LB137041
	Thallium	5080	5000	102	90 - 110	P	09/02/2025	16:54	LB137041
	Vanadium	2430	2500	97	90 - 110	P	09/02/2025	16:54	LB137041
	Zinc	2570	2500	103	90 - 110	P	09/02/2025	16:54	LB137041
CCV07	Aluminum	9570	10000	96	90 - 110	P	09/02/2025	17:43	LB137041
	Antimony	5080	5000	102	90 - 110	P	09/02/2025	17:43	LB137041
	Arsenic	4990	5000	100	90 - 110	P	09/02/2025	17:43	LB137041
	Barium	9600	10000	96	90 - 110	P	09/02/2025	17:43	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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
CCV07	Beryllium	225	250	90	90 - 110	P	09/02/2025	17:43	LB137041
	Cadmium	2380	2500	95	90 - 110	P	09/02/2025	17:43	LB137041
	Calcium	23500	25000	94	90 - 110	P	09/02/2025	17:43	LB137041
	Chromium	971	1000	97	90 - 110	P	09/02/2025	17:43	LB137041
	Cobalt	2390	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Copper	1230	1250	98	90 - 110	P	09/02/2025	17:43	LB137041
	Iron	5110	5000	102	90 - 110	P	09/02/2025	17:43	LB137041
	Lead	4700	5000	94	90 - 110	P	09/02/2025	17:43	LB137041
	Magnesium	23300	25000	93	90 - 110	P	09/02/2025	17:43	LB137041
	Manganese	2330	2500	93	90 - 110	P	09/02/2025	17:43	LB137041
	Nickel	2390	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Potassium	25700	25000	103	90 - 110	P	09/02/2025	17:43	LB137041
	Selenium	5150	5000	103	90 - 110	P	09/02/2025	17:43	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	17:43	LB137041
	Sodium	24700	25000	99	90 - 110	P	09/02/2025	17:43	LB137041
	Thallium	4790	5000	96	90 - 110	P	09/02/2025	17:43	LB137041
	Vanadium	2410	2500	96	90 - 110	P	09/02/2025	17:43	LB137041
	Zinc	2500	2500	100	90 - 110	P	09/02/2025	17:43	LB137041
CCV08	Aluminum	9610	10000	96	90 - 110	P	09/02/2025	18:25	LB137041
	Antimony	5150	5000	103	90 - 110	P	09/02/2025	18:25	LB137041
	Arsenic	5040	5000	101	90 - 110	P	09/02/2025	18:25	LB137041
	Barium	9700	10000	97	90 - 110	P	09/02/2025	18:25	LB137041
	Beryllium	229	250	91	90 - 110	P	09/02/2025	18:25	LB137041
	Cadmium	2400	2500	96	90 - 110	P	09/02/2025	18:25	LB137041
	Calcium	23700	25000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Chromium	977	1000	98	90 - 110	P	09/02/2025	18:25	LB137041
	Cobalt	2420	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Copper	1240	1250	99	90 - 110	P	09/02/2025	18:25	LB137041
	Iron	5030	5000	101	90 - 110	P	09/02/2025	18:25	LB137041
	Lead	4760	5000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Magnesium	23300	25000	93	90 - 110	P	09/02/2025	18:25	LB137041
	Manganese	2360	2500	94	90 - 110	P	09/02/2025	18:25	LB137041
	Nickel	2410	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Potassium	25200	25000	101	90 - 110	P	09/02/2025	18:25	LB137041

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q2994

Contract: CORE02

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	5190	5000	104	90 - 110	P	09/02/2025	18:25	LB137041
	Silver	1230	1250	98	90 - 110	P	09/02/2025	18:25	LB137041
	Sodium	24000	25000	96	90 - 110	P	09/02/2025	18:25	LB137041
	Thallium	4760	5000	95	90 - 110	P	09/02/2025	18:25	LB137041
	Vanadium	2420	2500	97	90 - 110	P	09/02/2025	18:25	LB137041
	Zinc	2490	2500	100	90 - 110	P	09/02/2025	18:25	LB137041

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	Aluminum	114	100	114	65 - 135	P	09/02/2025	11:46	LB137041
	Antimony	51.0	50.0	102	65 - 135	P	09/02/2025	11:46	LB137041
	Arsenic	20.4	20.0	102	65 - 135	P	09/02/2025	11:46	LB137041
	Barium	96.6	100	97	65 - 135	P	09/02/2025	11:46	LB137041
	Beryllium	6.23	6.0	104	65 - 135	P	09/02/2025	11:46	LB137041
	Cadmium	5.96	6.0	99	65 - 135	P	09/02/2025	11:46	LB137041
	Calcium	2050	2000	103	65 - 135	P	09/02/2025	11:46	LB137041
	Chromium	10.7	10.0	107	65 - 135	P	09/02/2025	11:46	LB137041
	Cobalt	29.8	30.0	100	65 - 135	P	09/02/2025	11:46	LB137041
	Copper	21.9	20.0	109	65 - 135	P	09/02/2025	11:46	LB137041
	Iron	114	100	114	65 - 135	P	09/02/2025	11:46	LB137041
	Lead	12.9	12.0	108	65 - 135	P	09/02/2025	11:46	LB137041
	Magnesium	2170	2000	108	65 - 135	P	09/02/2025	11:46	LB137041
	Manganese	22.0	20.0	110	65 - 135	P	09/02/2025	11:46	LB137041
	Nickel	40.5	40.0	101	65 - 135	P	09/02/2025	11:46	LB137041
	Potassium	1940	2000	97	65 - 135	P	09/02/2025	11:46	LB137041
	Selenium	18.1	20.0	90	65 - 135	P	09/02/2025	11:46	LB137041
	Silver	10.8	10.0	108	65 - 135	P	09/02/2025	11:46	LB137041
	Sodium	1780	2000	89	65 - 135	P	09/02/2025	11:46	LB137041
	Thallium	42.1	40.0	105	65 - 135	P	09/02/2025	11:46	LB137041
	Vanadium	40.1	40.0	100	65 - 135	P	09/02/2025	11:46	LB137041
	Zinc	43.6	40.0	109	65 - 135	P	09/02/2025	11:46	LB137041
CRA	Mercury	0.22	0.2	108	70 - 130	CV	09/03/2025	13:25	LB137054

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB19	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:18	LB137054

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:23	LB137054
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	13:56	LB137054
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	14:23	LB137054
CCB58	Mercury	0.076	+/-0.2	U	0.20	CV	09/03/2025	14:33	LB137054

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	11:39	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	11:39	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	11:39	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	11:39	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	11:39	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	11:39	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	11:39	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	11:39	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	11:39	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	11:39	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	11:39	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	11:39	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	11:39	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	11:39	LB137041

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	12:24	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	12:24	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	12:24	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	12:24	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	12:24	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	12:24	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	12:24	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	12:24	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	12:24	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	12:24	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	12:24	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	12:24	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	12:24	LB137041
CCB02	Aluminum	11.3	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	13:23	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	13:23	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	13:23	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	13:23	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	13:23	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	13:23	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	13:23	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	13:23	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	13:23	LB137041

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	13:23	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	13:23	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	13:23	LB137041
CCB03	Aluminum	14.9	+/-50	J	100	P	09/02/2025	14:12	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	14:12	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	14:12	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	14:12	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	14:12	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	14:12	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	14:12	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	14:12	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	14:12	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	14:12	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	14:12	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	14:12	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	14:12	LB137041
CCB04	Aluminum	18.0	+/-50	J	100	P	09/02/2025	15:03	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	15:03	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	15:03	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	15:03	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	15:03	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	15:03	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	15:03	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	15:03	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	15:03	LB137041

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	15:03	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	15:03	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	15:03	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	15:03	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	15:03	LB137041
CCB05	Aluminum	11.3	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	16:07	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	16:07	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	16:07	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	16:07	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	16:07	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	16:07	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	16:07	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	16:07	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	16:07	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	16:07	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	16:07	LB137041
CCB06	Aluminum	11.3	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	16:58	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	16:58	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	16:58	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	16:58	LB137041

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	16:58	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	16:58	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	16:58	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	16:58	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	16:58	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	16:58	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	16:58	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	16:58	LB137041
CCB07	Aluminum	11.3	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	17:47	LB137041
	Arsenic	5.12	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	17:47	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	17:47	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	17:47	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	17:47	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	17:47	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	17:47	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	17:47	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	17:47	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	17:47	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	17:47	LB137041
CCB08	Aluminum	11.3	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Antimony	6.76	+/-25	U	50.0	P	09/02/2025	18:29	LB137041

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **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	09/02/2025	18:29	LB137041
	Barium	14.6	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Beryllium	0.56	+/-3	U	6.00	P	09/02/2025	18:29	LB137041
	Cadmium	0.50	+/-3	U	6.00	P	09/02/2025	18:29	LB137041
	Calcium	234	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Chromium	2.12	+/-5	U	10.0	P	09/02/2025	18:29	LB137041
	Cobalt	2.26	+/-15	U	30.0	P	09/02/2025	18:29	LB137041
	Copper	4.60	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Iron	23.4	+/-50	U	100	P	09/02/2025	18:29	LB137041
	Lead	2.30	+/-6	U	12.0	P	09/02/2025	18:29	LB137041
	Magnesium	244	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Manganese	5.94	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Nickel	3.06	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Potassium	918	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Selenium	9.64	+/-10	U	20.0	P	09/02/2025	18:29	LB137041
	Silver	1.62	+/-5	U	10.0	P	09/02/2025	18:29	LB137041
	Sodium	868	+/-1000	U	2000	P	09/02/2025	18:29	LB137041
	Thallium	4.38	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Vanadium	6.26	+/-20	U	40.0	P	09/02/2025	18:29	LB137041
	Zinc	16.7	+/-20	U	40.0	P	09/02/2025	18:29	LB137041

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q2994

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169525BL		**SOLID**		**Batch Number:**	**PB169525**		**Prep Date:**	**09/03/2025**	
	Mercury	0.0080	<0.014	U	0.014	CV	09/03/2025	13:32	LB137054

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q2994

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169492BL		**SOLID**		**Batch Number:**	**PB169492**		**Prep Date:**	**09/02/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Antimony	0.22	<1.25	U	2.50	P	09/02/2025	16:49	LB137041
	Arsenic	0.19	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Barium	0.73	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Beryllium	0.025	<0.15	U	0.30	P	09/02/2025	16:49	LB137041
	Cadmium	0.024	<0.15	U	0.30	P	09/02/2025	16:49	LB137041
	Calcium	11.1	<50	U	100	P	09/02/2025	16:49	LB137041
	Chromium	0.047	<0.25	U	0.50	P	09/02/2025	16:49	LB137041
	Cobalt	0.10	<0.75	U	1.50	P	09/02/2025	16:49	LB137041
	Copper	0.22	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Iron	3.99	<2.5	U	5.00	P	09/02/2025	16:49	LB137041
	Lead	0.13	<0.3	U	0.60	P	09/02/2025	16:49	LB137041
	Magnesium	12.0	<50	U	100	P	09/02/2025	16:49	LB137041
	Manganese	0.14	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Nickel	0.13	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Potassium	28.9	<50	J	100	P	09/02/2025	16:49	LB137041
	Selenium	0.26	<0.5	U	1.00	P	09/02/2025	16:49	LB137041
	Silver	0.12	<0.25	U	0.50	P	09/02/2025	16:49	LB137041
	Sodium	17.8	<50	U	100	P	09/02/2025	16:49	LB137041
	Thallium	0.23	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Vanadium	0.25	<1	U	2.00	P	09/02/2025	16:49	LB137041
	Zinc	0.23	<1	U	2.00	P	09/02/2025	16:49	LB137041

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

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

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	287000	255000	112	216000	294000	09/02/2025	11:50	LB137041
	Antimony	-2.46			-50	50	09/02/2025	11:50	LB137041
	Arsenic	7.18			-20	20	09/02/2025	11:50	LB137041
	Barium	0.86	6.0	14	-94	106	09/02/2025	11:50	LB137041
	Beryllium	1.76			-6	6	09/02/2025	11:50	LB137041
	Cadmium	1.62	1.0	162	-5	7	09/02/2025	11:50	LB137041
	Calcium	270000	245000	110	208000	282000	09/02/2025	11:50	LB137041
	Chromium	55.4	52.0	106	42	62	09/02/2025	11:50	LB137041
	Cobalt	1.95			-30	30	09/02/2025	11:50	LB137041
	Copper	-1.12	2.0	56	-18	22	09/02/2025	11:50	LB137041
	Iron	113000	101000	112	85600	116500	09/02/2025	11:50	LB137041
	Lead	5.22			-12	12	09/02/2025	11:50	LB137041
	Magnesium	287000	255000	112	216000	294000	09/02/2025	11:50	LB137041
	Manganese	10.9	7.0	156	-13	27	09/02/2025	11:50	LB137041
	Nickel	6.62	2.0	331	-38	42	09/02/2025	11:50	LB137041
	Potassium	306			0	0	09/02/2025	11:50	LB137041
	Selenium	-0.056			-20	20	09/02/2025	11:50	LB137041
	Silver	2.72			-10	10	09/02/2025	11:50	LB137041
	Sodium	108			0	0	09/02/2025	11:50	LB137041
	Thallium	-4.64			-40	40	09/02/2025	11:50	LB137041
	Vanadium	5.83			-40	40	09/02/2025	11:50	LB137041
	Zinc	4.26			-40	40	09/02/2025	11:50	LB137041
ICSAB01	Aluminum	249000	247000	101	209000	285000	09/02/2025	11:56	LB137041
	Antimony	601	618	97	525	711	09/02/2025	11:56	LB137041
	Arsenic	106	104	102	88.4	120	09/02/2025	11:56	LB137041
	Barium	482	537	90	437	637	09/02/2025	11:56	LB137041
	Beryllium	485	495	98	420	570	09/02/2025	11:56	LB137041
	Cadmium	978	972	101	826	1120	09/02/2025	11:56	LB137041
	Calcium	235000	235000	100	199000	271000	09/02/2025	11:56	LB137041
	Chromium	549	542	101	460	624	09/02/2025	11:56	LB137041
	Cobalt	489	476	103	404	548	09/02/2025	11:56	LB137041
	Copper	481	511	94	434	588	09/02/2025	11:56	LB137041
	Iron	101000	99300	102	84400	114500	09/02/2025	11:56	LB137041
	Lead	49.2	49.0	100	37	61	09/02/2025	11:56	LB137041
	Magnesium	250000	248000	101	210000	286000	09/02/2025	11:56	LB137041
	Manganese	478	507	94	430	584	09/02/2025	11:56	LB137041
	Nickel	975	954	102	810	1100	09/02/2025	11:56	LB137041
	Potassium	110			0	0	09/02/2025	11:56	LB137041
	Selenium	51.1	46.0	111	26	66	09/02/2025	11:56	LB137041
	Silver	215	201	107	170	232	09/02/2025	11:56	LB137041
	Sodium	41.8			0	0	09/02/2025	11:56	LB137041
	Thallium	108	108	100	68	148	09/02/2025	11:56	LB137041

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

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

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	473	491	96	417	565	09/02/2025	11:56	LB137041
	Zinc	1040	952	109	809	1095	09/02/2025	11:56	LB137041

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2994

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MS

Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MS **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.014	U	0.27	119.6		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2994

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q2995-01 **client id:** RT5427MSD

Percent Solids for Sample: 91.4 **Spiked ID:** Q2995-01MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.014	U	0.27	120.4	N	CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2994

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MS

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MS **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3740		3160		95.3	615		P
Antimony	mg/Kg	75 - 125	22.1		2.41	U	38.1	58	N	P
Arsenic	mg/Kg	75 - 125	40.0		4.63		38.1	93		P
Barium	mg/Kg	75 - 125	34.0		24.7		9.5	98		P
Beryllium	mg/Kg	75 - 125	8.28		0.32		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.08		0.30		9.5	92		P
Calcium	mg/Kg	75 - 125	12100		12500		47.7	-944		P
Chromium	mg/Kg	75 - 125	26.4		9.49		19.1	89		P
Cobalt	mg/Kg	75 - 125	11.6		2.57		9.5	95		P
Copper	mg/Kg	75 - 125	25.9		14.5		14.3	79		P
Iron	mg/Kg	75 - 125	8710		8830		140	-81		P
Lead	mg/Kg	75 - 125	76.3		41.4		47.7	73	N	P
Magnesium	mg/Kg	75 - 125	6170		5460		95.3	746		P
Manganese	mg/Kg	75 - 125	70.6		67.5		9.5	33		P
Nickel	mg/Kg	75 - 125	29.0		7.23		23.8	91		P
Potassium	mg/Kg	75 - 125	1080		532		480	113		P
Selenium	mg/Kg	75 - 125	88.1		0.96	U	95.3	92		P
Silver	mg/Kg	75 - 125	3.63		0.36	J	3.6	91		P
Sodium	mg/Kg	75 - 125	375		217		140	113		P
Thallium	mg/Kg	75 - 125	82.2		1.92	U	95.3	86		P
Vanadium	mg/Kg	75 - 125	26.1		13.5		14.3	88		P
Zinc	mg/Kg	75 - 125	61.4		53.7		9.5	81		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q2994

contract: CORE02 **lab code:** ACE

matrix: Solid **sample id:** Q2998-01 **client id:** AU-05-082925MSD

Percent Solids for Sample: 94.5 **Spiked ID:** Q2998-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4230		3160		87.8	1219		P
Antimony	mg/Kg	75 - 125	19.5		2.41	U	35.1	56	N	P
Arsenic	mg/Kg	75 - 125	37.5		4.63		35.1	94		P
Barium	mg/Kg	75 - 125	37.2		24.7		8.8	142	N	P
Beryllium	mg/Kg	75 - 125	7.57		0.32		8.8	82		P
Cadmium	mg/Kg	75 - 125	8.54		0.30		8.8	94		P
Calcium	mg/Kg	75 - 125	12500		12500		43.9	32		P
Chromium	mg/Kg	75 - 125	25.0		9.49		17.6	88		P
Cobalt	mg/Kg	75 - 125	11.1		2.57		8.8	97		P
Copper	mg/Kg	75 - 125	31.6		14.5		13.2	129	N	P
Iron	mg/Kg	75 - 125	9110		8830		130	222		P
Lead	mg/Kg	75 - 125	79.7		41.4		43.9	87		P
Magnesium	mg/Kg	75 - 125	6290		5460		87.8	946		P
Manganese	mg/Kg	75 - 125	78.9		67.5		8.8	129		P
Nickel	mg/Kg	75 - 125	28.2		7.23		22.0	95		P
Potassium	mg/Kg	75 - 125	1090		532		440	126	N	P
Selenium	mg/Kg	75 - 125	82.1		0.96	U	87.8	94		P
Silver	mg/Kg	75 - 125	3.50		0.36	J	3.3	95		P
Sodium	mg/Kg	75 - 125	427		217		130	161	N	P
Thallium	mg/Kg	75 - 125	76.4		1.92	U	87.8	87		P
Vanadium	mg/Kg	75 - 125	25.8		13.5		13.2	93		P
Zinc	mg/Kg	75 - 125	72.5		53.7		8.8	213		P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** RT5427A

Sample ID: Q2995-01 **Spiked ID:** Q2995-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.014	U	0.28	100		CV

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** AU-05-082925A

Sample ID: Q2998-01 **Spiked ID:** Q2998-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	37.1		2.41	U	38.5	96		P
Barium	mg/Kg	75 - 125	34.7		24.7		9.60	104		P
Copper	mg/Kg	75 - 125	28.7		14.5		14.4	98		P
Lead	mg/Kg	75 - 125	93.7		41.4		48.1	109		P
Potassium	mg/Kg	75 - 125	1090		532		480	115		P
Sodium	mg/Kg	75 - 125	378		217		140	115		P

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2995-01 **Client ID:** RT5427DUP

Percent Solids for Sample: 91.4 **Duplicate ID** Q2995-01DUP **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.0070	J	200.0		CV

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

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2995-01MS **Client ID:** RT5427MSD

Percent Solids for Sample: 91.4 **Duplicate ID** Q2995-01MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.32		0.33		1		CV

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

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2998-01 **Client ID:** AU-05-082925DUP

Percent Solids for Sample: 94.5 **Duplicate ID** Q2998-01DUP **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3160		3460		9		P
Antimony	mg/Kg	20	2.41	U	2.34	U			P
Arsenic	mg/Kg	20	4.63		6.12		28	*	P
Barium	mg/Kg	20	24.7		26.6		7		P
Beryllium	mg/Kg	20	0.32		0.36		11		P
Cadmium	mg/Kg	20	0.30		0.35		17		P
Calcium	mg/Kg	20	12500		13100		5		P
Chromium	mg/Kg	20	9.49		10.4		9		P
Cobalt	mg/Kg	20	2.57		2.92		13		P
Copper	mg/Kg	20	14.5		18.2		23	*	P
Iron	mg/Kg	20	8830		9280		5		P
Lead	mg/Kg	20	41.4		61.2		39	*	P
Magnesium	mg/Kg	20	5460		6750		21	*	P
Manganese	mg/Kg	20	67.5		76.4		12		P
Nickel	mg/Kg	20	7.23		8.18		12		P
Potassium	mg/Kg	20	532		620		15		P
Selenium	mg/Kg	20	0.96	U	0.94	U			P
Silver	mg/Kg	20	0.36	J	0.25	J	37		P
Sodium	mg/Kg	20	217		229		5		P
Thallium	mg/Kg	20	1.92	U	1.87	U			P
Vanadium	mg/Kg	20	13.5		14.7		9		P
Zinc	mg/Kg	20	53.7		54.0		1		P

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

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q2994

Contract: CORE02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2998-01MS **Client ID:** AU-05-082925MSD

Percent Solids for Sample: 94.5 **Duplicate ID** Q2998-01MSD **Percent Solids for Spike Sample:** 94.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3740		4230		12		P
Antimony	mg/Kg	20	22.1		19.5		13		P
Arsenic	mg/Kg	20	40.0		37.5		6		P
Barium	mg/Kg	20	34.0		37.2		9		P
Beryllium	mg/Kg	20	8.28		7.57		9		P
Cadmium	mg/Kg	20	9.08		8.54		6		P
Calcium	mg/Kg	20	12100		12500		3		P
Chromium	mg/Kg	20	26.4		25.0		5		P
Cobalt	mg/Kg	20	11.6		11.1		4		P
Copper	mg/Kg	20	25.9		31.6		20		P
Iron	mg/Kg	20	8710		9110		4		P
Lead	mg/Kg	20	76.3		79.7		4		P
Magnesium	mg/Kg	20	6170		6290		2		P
Manganese	mg/Kg	20	70.6		78.9		11		P
Nickel	mg/Kg	20	29.0		28.2		3		P
Potassium	mg/Kg	20	1080		1090		1		P
Selenium	mg/Kg	20	88.1		82.1		7		P
Silver	mg/Kg	20	3.63		3.50		4		P
Sodium	mg/Kg	20	375		427		13		P
Thallium	mg/Kg	20	82.2		76.4		7		P
Vanadium	mg/Kg	20	26.1		25.8		1		P
Zinc	mg/Kg	20	61.4		72.5		17		P

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

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169492BS							
Aluminum	mg/Kg	100	99.9		100	80 - 120	P
Antimony	mg/Kg	40.0	39.8		100	80 - 120	P
Arsenic	mg/Kg	40.0	41.5		104	80 - 120	P
Barium	mg/Kg	10.0	9.20		92	80 - 120	P
Beryllium	mg/Kg	10.0	10.0		100	80 - 120	P
Cadmium	mg/Kg	10.0	9.74		97	80 - 120	P
Calcium	mg/Kg	50.0	50.5	J	101	80 - 120	P
Chromium	mg/Kg	20.0	20.7		104	80 - 120	P
Cobalt	mg/Kg	10.0	9.96		100	80 - 120	P
Copper	mg/Kg	15.0	16.0		107	80 - 120	P
Iron	mg/Kg	150	151		101	80 - 120	P
Lead	mg/Kg	50.0	48.4		97	80 - 120	P
Magnesium	mg/Kg	100	97.4	J	97	80 - 120	P
Manganese	mg/Kg	10.0	9.74		97	80 - 120	P
Nickel	mg/Kg	25.0	25.1		100	80 - 120	P
Potassium	mg/Kg	500	508		102	80 - 120	P
Selenium	mg/Kg	100	107		107	80 - 120	P
Silver	mg/Kg	3.8	3.89		102	80 - 120	P
Sodium	mg/Kg	150	133		89	80 - 120	P
Thallium	mg/Kg	100	100		100	80 - 120	P
Vanadium	mg/Kg	15.0	14.9		99	80 - 120	P
Zinc	mg/Kg	10.0	10.7		107	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169525BS							
Mercury	mg/Kg	0.27	0.32		119	80 - 120	CV

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

RT5427L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137054 **Lab Sample ID :** Q2995-01L **SDG No.:** Q2994

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.014	U	0.070	U			CV

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Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

AU-05-082925L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137041 **Lab Sample ID :** Q2998-01L **SDG No.:** Q2994

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	3160		3590		14		P
Antimony	2.41	U	12.0	U			P
Arsenic	4.63		4.17	J	10		P
Barium	24.7		26.6		8		P
Beryllium	0.32		0.40	J	25		P
Cadmium	0.30		0.14	J	54		P
Calcium	12500		14500		16		P
Chromium	9.49		10.8		13		P
Cobalt	2.57		2.49	J	3		P
Copper	14.5		15.2		5		P
Iron	8830		9850		12		P
Lead	41.4		39.6		4		P
Magnesium	5460		6160		13		P
Manganese	67.5		78.1		16		P
Nickel	7.23		7.14	J	1		P
Potassium	532		621		17		P
Selenium	0.96	U	4.81	U			P
Silver	0.36	J	2.41	U	100.0		P
Sodium	217		225	J	4		P
Thallium	1.92	U	9.62	U			P
Vanadium	13.5		15.3		13		P
Zinc	53.7		59.8		11		P

METAL PREPARATION & INSTRUMENT DATA

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

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

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
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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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q2994

Contract: CORE02

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
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q2994

Contract: CORE02 **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:	**PB169492**						
PB169492BL	PB169492BL	MB	SOLID	09/02/2025	2.00	100.0	100.00
PB169492BS	PB169492BS	LCS	SOLID	09/02/2025	2.00	100.0	100.00
Q2994-01	PAULDING-WC1	SAM	SOLID	09/02/2025	2.30	100.0	91.00
Q2998-01DUP	AU-05-082925DUP	DUP	SOLID	09/02/2025	2.26	100.0	94.50
Q2998-01MS	AU-05-082925MS	MS	SOLID	09/02/2025	2.22	100.0	94.50
Q2998-01MSD	AU-05-082925MSD	MSD	SOLID	09/02/2025	2.41	100.0	94.50

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q2994

Contract: CORE02 **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:	**PB169525**						
PB169525BL	PB169525BL	MB	SOLID	09/03/2025	0.51	35.0	100.00
PB169525BS	PB169525BS	LCS	SOLID	09/03/2025	0.51	35.0	100.00
Q2994-01	PAULDING-WC1	SAM	SOLID	09/03/2025	0.53	35.0	91.00
Q2995-01DUP	RT5427DUP	DUP	SOLID	09/03/2025	0.59	35.0	91.40
Q2995-01MS	RT5427MS	MS	SOLID	09/03/2025	0.56	35.0	91.40
Q2995-01MSD	RT5427MSD	MSD	SOLID	09/03/2025	0.56	35.0	91.40

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metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q2994

Instrument id number: **Method:** **Run number:** LB137041

Start date: 09/02/2025 **End date:** 09/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	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	1109	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	1113	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	1117	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	1121	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	1125	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	1130	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	1134	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	1139	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	1146	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	1150	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	1156	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	1220	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	1224	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	1319	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	1323	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	1408	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	1412	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	1459	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	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1603	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	1607	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169492BL	PB169492BL	1	1649	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	1654	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	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169492BS	PB169492BS	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2994-01	PAULDING-WC1	1	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01DUP	AU-05-082925DUP	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01L	AU-05-082925L	5	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01MS	AU-05-082925MS	1	1735	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01MSD	AU-05-082925MSD	1	1739	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	1743	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	1747	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2998-01A	AU-05-082925A	1	1751	Ba,Cu,K,Na,Pb,Sb
CCV08	CCV08	1	1825	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	1829	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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metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q2994

Instrument id number: **Method:** **Run number:** LB137054

Start date: 09/03/2025 **End date:** 09/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1302	HG
S0.2	S0.2	1	1304	HG
S2.5	S2.5	1	1306	HG
S5	S5	1	1309	HG
S7.5	S7.5	1	1311	HG
S10	S10	1	1313	HG
ICV19	ICV19	1	1316	HG
ICB19	ICB19	1	1318	HG
CCV55	CCV55	1	1321	HG
CCB55	CCB55	1	1323	HG
CRA	CRA	1	1325	HG
PB169525BL	PB169525BL	1	1332	HG
PB169525BS	PB169525BS	1	1340	HG
CCV56	CCV56	1	1353	HG
CCB56	CCB56	1	1356	HG
Q2995-01DUP	RT5427DUP	1	1358	HG
Q2995-01MS	RT5427MS	1	1400	HG
Q2995-01MSD	RT5427MSD	1	1403	HG
Q2995-01L	RT5427L	5	1419	HG
CCV57	CCV57	1	1421	HG
CCB57	CCB57	1	1423	HG
Q2995-01A	RT5427A	1	1425	HG
Q2994-01	PAULDING-WC1	2	1428	HG
CCV58	CCV58	1	1430	HG
CCB58	CCB58	1	1433	HG

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A
B
C
D

LAB CHRONICLE

OrderID:	Q2994	**OrderDate:**	8/29/2025 1:47:15 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	Bayshore Soil BSM Management
Contact:	Ronald Tramposch	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2994-01	**PAULDING-WC1**	**SOIL**			**08/29/25 09:00**			**08/29/25**
			Paint Filter	9095B			09/02/25 09:00	

SAMPLE DATA

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	08/29/25 09:00
Project:	Bayshore Soil BSM Management	Date Received:	08/29/25
Client Sample ID:	PAULDING-WC1	SDG No.:	Q2994
Lab Sample ID:	Q2994-01	Matrix:	SOIL
		% Solid:	91

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		09/02/25 09:00	9095B

Comments:

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
H = Sample Analysis Out Of Hold Time

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

A
B
C
D

QC RESULT SUMMARY

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Duplicate Sample Summary

Client: Core Environmental Consultants and Services, Inc.
SDG No.: Q2994
Project: Bayshore Soil BSM Management
Sample ID: Q2989-01
Client ID: SOUTH-TP-5DUP
Percent Solids for Spike Sample: 87.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		09/02/2025