

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025

Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:09:23

Lab File ID: BG063943.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.680	0.718		5.588	
Pyridine	1.778	2.004		12.711	
2-Fluorophenol	1.255	1.447		15.299	
Benzaldehyde	1.160	1.164		0.345	
Aniline	1.577	1.790		13.507	
Phenol-d6	1.816	2.063		13.601	
Phenol	1.891	2.166		14.543	20.0
bis(2-Chloroethyl)ether	1.482	1.608		8.502	
2-Chlorophenol	1.220	1.286		5.41	
1,2-Dichlorobenzene	1.447	1.662		14.858	
1,3-Dichlorobenzene	1.471	1.522		3.467	
1,4-Dichlorobenzene	1.470	1.541		4.83	20.0
Benzyl Alcohol	1.303	1.417		8.749	
2-Methylphenol	1.227	1.390		13.284	
2,2-oxybis(1-Chloropropane)	2.134	2.300		7.779	
Acetophenone	0.601	0.621		3.328	
3+4-Methylphenols	1.651	1.851		12.114	
n-Nitroso-di-n-propylamine	1.326	1.439	0.050	8.522	
Nitrobenzene-d5	0.508	0.524		3.15	
Hexachloroethane	0.570	0.636		11.579	
Nitrobenzene	0.545	0.560		2.752	
Isophorone	0.895	0.903		0.894	
2-Nitrophenol	0.173	0.168		-2.89	20.0
2,4-Dimethylphenol	0.221	0.225		1.81	
bis(2-Chloroethoxy)methane	0.534	0.509		-4.682	
2,4-Dichlorophenol	0.330	0.321		-2.727	20.0
1,2,4-Trichlorobenzene	0.399	0.384		-3.759	
Benzoic acid	0.148	0.136		-8.108	
Naphthalene	1.084	1.104		1.845	
4-Chloroaniline	0.352	0.369		4.83	
Hexachlorobutadiene	0.273	0.281		2.93	20.0
Caprolactam	0.109	0.108		-0.917	
4-Chloro-3-methylphenol	0.366	0.377		3.005	20.0
2-Methylnaphthalene	0.762	0.780		2.362	
Hexachlorocyclopentadiene	0.079	0.076	0.050	-3.797	
2,4,6-Trichlorophenol	0.395	0.399		1.013	20.0
2-Fluorobiphenyl	1.381	1.389		0.579	
2,4,5-Trichlorophenol	0.444	0.455		2.477	
1,1-Biphenyl	1.460	1.473		0.89	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025

Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:09:23

Lab File ID: BG063943.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.200	1.218		1.5	
2-Nitroaniline	0.402	0.394		-1.99	
Dimethylphthalate	1.461	1.471		0.684	
Acenaphthylene	1.778	1.809		1.744	
2,6-Dinitrotoluene	0.325	0.327		0.615	
3-Nitroaniline	0.299	0.313		4.682	
Acenaphthene	1.087	1.085		-0.184	20.0
2,4-Dinitrophenol	0.140	0.134	0.050	-4.286	
4-Nitrophenol	0.205	0.225	0.050	9.756	
Dibenzofuran	1.887	1.895		0.424	
2,4-Dinitrotoluene	0.457	0.461		0.875	
Diethylphthalate	1.440	1.399		-2.847	
4-Chlorophenyl-phenylether	0.795	0.782		-1.635	
Fluorene	1.466	1.447		-1.296	
4-Nitroaniline	0.310	0.325		4.839	
4,6-Dinitro-2-methylphenol	0.104	0.103		-0.962	
n-Nitrosodiphenylamine	0.521	0.554		6.334	20.0
Azobenzene	1.821	1.817		-0.22	
2,4,6-Tribromophenol	0.241	0.232		-3.734	
4-Bromophenyl-phenylether	0.221	0.229		3.62	
Hexachlorobenzene	0.252	0.253		0.397	
Atrazine	0.167	0.147		-11.976	
Pentachlorophenol	0.105	0.109		3.81	20.0
Phenanthrene	1.040	1.107		6.442	
Anthracene	1.013	1.086		7.206	
Carbazole	0.935	1.022		9.305	
Di-n-butylphthalate	1.042	1.065		2.207	
Fluoranthene	1.313	1.383		5.331	20.0
Benzidine	0.280	0.223		-20.357	
Pyrene	1.372	1.379		0.51	
Terphenyl-d14	1.007	0.988		-1.887	
Butylbenzylphthalate	0.423	0.353		-16.548	
3,3-Dichlorobenzidine	0.416	0.397		-4.567	
Benzo(a)anthracene	1.338	1.325		-0.972	
Chrysene	1.299	1.316		1.309	
Bis(2-ethylhexyl)phthalate	0.647	0.564		-12.828	
Di-n-octyl phthalate	1.127	1.002		-11.091	20.0
Benzo(b)fluoranthene	1.250	1.290		3.2	
Benzo(k)fluoranthene	1.255	1.322		5.339	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025
 Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:09:23
 Lab File ID: BG063943.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.110	1.167		5.135	20.0
Indeno(1,2,3-cd)pyrene	1.389	1.488		7.127	
Dibenzo(a,h)anthracene	1.149	1.214		5.657	
Benzo(g,h,i)perylene	1.182	1.251		5.838	
1,2,4,5-Tetrachlorobenzene	0.671	0.679		1.192	
1,4-Dioxane	0.660	0.720		9.091	20.0
2,3,4,6-Tetrachlorophenol	0.391	0.383		-2.046	
1-Methylnaphthalene	0.758	0.781		3.034	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025

Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:15:25

Lab File ID: BG063951.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.680	0.663		-2.5	50.0
Pyridine	1.778	1.779		0.056	50.0
2-Fluorophenol	1.255	1.323		5.418	50.0
Benzaldehyde	1.160	1.177		1.466	50.0
Aniline	1.577	1.635		3.678	50.0
Phenol-d6	1.816	1.866		2.753	50.0
Phenol	1.891	1.935		2.327	50.0
bis(2-Chloroethyl) ether	1.482	1.487		0.337	50.0
2-Chlorophenol	1.220	1.238		1.475	50.0
1,2-Dichlorobenzene	1.447	1.481		2.35	50.0
1,3-Dichlorobenzene	1.471	1.465		-0.408	50.0
1,4-Dichlorobenzene	1.470	1.528		3.946	50.0
Benzyl Alcohol	1.303	1.292		-0.844	50.0
2-Methylphenol	1.227	1.288		4.971	50.0
2,2-oxybis(1-Chloropropane)	2.134	2.157		1.078	50.0
Acetophenone	0.601	0.587		-2.329	50.0
3+4-Methylphenols	1.651	1.696		2.726	50.0
n-Nitroso-di-n-propylamine	1.326	1.282	0.050	-3.318	50.0
Nitrobenzene-d5	0.508	0.499		-1.772	50.0
Hexachloroethane	0.570	0.575		0.877	50.0
Nitrobenzene	0.545	0.538		-1.284	50.0
Isophorone	0.895	0.883		-1.341	50.0
2-Nitrophenol	0.173	0.179		3.468	50.0
2,4-Dimethylphenol	0.221	0.223		0.905	50.0
bis(2-Chloroethoxy) methane	0.534	0.527		-1.311	50.0
2,4-Dichlorophenol	0.330	0.339		2.727	50.0
1,2,4-Trichlorobenzene	0.399	0.399		0.0	50.0
Benzoic acid	0.148	0.151		2.027	50.0
Naphthalene	1.084	1.100		1.476	50.0
4-Chloroaniline	0.352	0.375		6.534	50.0
Hexachlorobutadiene	0.273	0.260		-4.762	50.0
Caprolactam	0.109	0.116		6.422	50.0
4-Chloro-3-methylphenol	0.366	0.374		2.186	50.0
2-Methylnaphthalene	0.762	0.765		0.394	50.0
Hexachlorocyclopentadiene	0.079	0.075	0.050	-5.063	50.0
2,4,6-Trichlorophenol	0.395	0.402		1.772	50.0
2-Fluorobiphenyl	1.381	1.385		0.29	50.0
2,4,5-Trichlorophenol	0.444	0.460		3.604	50.0
1,1-Biphenyl	1.460	1.491		2.123	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025

Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:15:25

Lab File ID: BG063951.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.200	1.219		1.583	50.0
2-Nitroaniline	0.402	0.412		2.488	50.0
Dimethylphthalate	1.461	1.460		-0.068	50.0
Acenaphthylene	1.778	1.804		1.462	50.0
2,6-Dinitrotoluene	0.325	0.341		4.923	50.0
3-Nitroaniline	0.299	0.318		6.355	50.0
Acenaphthene	1.087	1.105		1.656	50.0
2,4-Dinitrophenol	0.140	0.130	0.050	-7.143	50.0
4-Nitrophenol	0.205	0.217	0.050	5.854	50.0
Dibenzofuran	1.887	1.858		-1.537	50.0
2,4-Dinitrotoluene	0.457	0.465		1.751	50.0
Diethylphthalate	1.440	1.423		-1.181	50.0
4-Chlorophenyl-phenylether	0.795	0.766		-3.648	50.0
Fluorene	1.466	1.433		-2.251	50.0
4-Nitroaniline	0.310	0.325		4.839	50.0
4,6-Dinitro-2-methylphenol	0.104	0.109		4.808	50.0
n-Nitrosodiphenylamine	0.521	0.574		10.173	50.0
Azobenzene	1.821	1.764		-3.13	50.0
2,4,6-Tribromophenol	0.241	0.228		-5.394	50.0
4-Bromophenyl-phenylether	0.221	0.234		5.882	50.0
Hexachlorobenzene	0.252	0.259		2.778	50.0
Atrazine	0.167	0.148		-11.377	50.0
Pentachlorophenol	0.105	0.104		-0.952	50.0
Phenanthrene	1.040	1.089		4.712	50.0
Anthracene	1.013	1.077		6.318	50.0
Carbazole	0.935	1.000		6.952	50.0
Di-n-butylphthalate	1.042	1.093		4.894	50.0
Fluoranthene	1.313	1.357		3.351	50.0
Benzidine	0.280	0.305		8.929	50.0
Pyrene	1.372	1.394		1.603	50.0
Terphenyl-d14	1.007	0.975		-3.178	50.0
Butylbenzylphthalate	0.423	0.419		-0.946	50.0
3,3-Dichlorobenzidine	0.416	0.423		1.683	50.0
Benzo(a)anthracene	1.338	1.321		-1.271	50.0
Chrysene	1.299	1.288		-0.847	50.0
Bis(2-ethylhexyl)phthalate	0.647	0.642		-0.773	50.0
Di-n-octyl phthalate	1.127	1.051		-6.744	50.0
Benzo(b)fluoranthene	1.250	1.306		4.48	50.0
Benzo(k)fluoranthene	1.255	1.224		-2.47	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG No.: BG011025

Instrument ID: BNA_G Calibration Date/Time: 1/10/2025 1:15:25

Lab File ID: BG063951.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.110	1.148		3.423	50.0
Indeno(1,2,3-cd)pyrene	1.389	1.453		4.608	50.0
Dibenzo(a,h)anthracene	1.149	1.178		2.524	50.0
Benzo(g,h,i)perylene	1.182	1.236		4.569	50.0
1,2,4,5-Tetrachlorobenzene	0.671	0.660		-1.639	50.0
1,4-Dioxane	0.660	0.658		-0.303	50.0
2,3,4,6-Tetrachlorophenol	0.391	0.366		-6.394	50.0
1-Methylnaphthalene	0.758	0.757		-0.132	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	PB165999BL	SDG No.:	BG011025
Lab Sample ID:	PB165999BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063944.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	PB165999BL	SDG No.:	BG011025
Lab Sample ID:	PB165999BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063944.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	PB165999BL	SDG No.:	BG011025
Lab Sample ID:	PB165999BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063944.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.788		18-112		90	SPK: -150
13127-88-3	Phenol-d6	126.781		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	81.813		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.847		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	1/9/2025 12:00:00 AM
Project:		Date Received:	1/9/2025 12:00:00 AM
Client Sample ID:	PB165999BL	SDG No.:	BG011025
Lab Sample ID:	PB165999BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063944.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.822		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	82.68		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114679	7.765				
1146-65-2	Naphthalene-d8	442297	10.556				
15067-26-2	Acenaphthene-d10	311896	14.416				
1517-22-2	Phenanthrene-d10	736182	17.171				
1719-03-5	Chrysene-d12	793503	21.425				
1520-96-3	Perylene-d12	796013	24.428				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063945.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	130	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	180	270	330	ug/Kg
62-53-3	Aniline	180		96.9	130	170	ug/Kg
108-95-2	Phenol	150	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	150	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	130	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	130	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	150	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	130	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	140	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	140	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	120	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	150	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	130	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063945.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	130	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	150	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	120	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	140	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	150	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	140	J	81.1	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	290	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	150	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	J	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	130	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	150	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	120	J	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	140	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	130	J	85	130	170	ug/Kg
1912-24-9	Atrazine	160	J	91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	150	J	84	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063945.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	140	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	140	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	130	J	81.7	130	170	ug/Kg
92-87-5	Benizidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	140	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	150	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.681	*	18-112			SPK: -0
13127-88-3	Phenol-d6	105.72	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	71.913	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	71.76	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	96.162	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	64.206	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063945.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135466	7.762				
1146-65-2	Naphthalene-d8	534991	10.559				
15067-26-2	Acenaphthene-d10	383311	14.419				
1517-22-2	Phenanthrene-d10	925992	17.175				
1719-03-5	Chrysene-d12	918646	21.428				
1520-96-3	Perylene-d12	954828	24.431				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063946.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.4	J	1	8	10	ug/L
110-86-1	Pyridine	4.1	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.8	J	4	8	10	ug/L
62-53-3	Aniline	5.5		1.6	4	5	ug/L
108-95-2	Phenol	4.4	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.6	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4.5	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	4.6	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4.4	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	4.4	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	4	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.5	J	1.4	4	5	ug/L
98-86-2	Acetophenone	4.4	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.3	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.3	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.4	J	1.3	4	5	ug/L
78-59-1	Isophorone	4.1	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.6	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.2	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.2	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	4.1	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.2	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	4.5	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	4.6	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.9	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063946.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.9	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.2	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11.5		5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.7	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.7	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.8	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.6	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	3.7	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.2	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.7	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3.6	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.5	J	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	8.9	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.4	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.4	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.1	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.4	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.4	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	3.5	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	4.2	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.3	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.1	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.1	J	1.1	4	5	ug/L
1912-24-9	Atrazine	5		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	2.1	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.6	J	0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063946.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	4.2	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.3	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.8	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.3	J	1.3	4	5	ug/L
92-87-5	Benidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.4	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3.3	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.5	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.4	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.5	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.5	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.2	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.5	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.5	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.2	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.2	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.3	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.9	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.6	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.712	*	10-139			SPK: -0
13127-88-3	Phenol-d6	105.535	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	72.374	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	73.728	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	96.278	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	67.41	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063946.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139947	7.765				
1146-65-2	Naphthalene-d8	551514	10.556				
15067-26-2	Acenaphthene-d10	384057	14.416				
1517-22-2	Phenanthrene-d10	926129	17.171				
1719-03-5	Chrysene-d12	937272	21.425				
1520-96-3	Perylene-d12	968219	24.433				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063947.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	170	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	160	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	250	J	180	270	330	ug/Kg
62-53-3	Aniline	250		96.9	130	170	ug/Kg
108-95-2	Phenol	200		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	200		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	200		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	200		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	200		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	200		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	180	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	180		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200		90.9	130	170	ug/Kg
98-86-2	Acetophenone	200		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	160	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	190		83	130	170	ug/Kg
98-95-3	Nitrobenzene	190		90.8	130	170	ug/Kg
78-59-1	Isophorone	190		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	170		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	140	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	200		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	210		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	180		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063947.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	200		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	210		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	190		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	160	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	190		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	210		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	170		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	190		81.1	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	310	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	200		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	190		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200		85.6	130	170	ug/Kg
86-73-7	Fluorene	200		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	200		81.6	130	170	ug/Kg
103-33-3	Azobenzene	190		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	180		85	130	170	ug/Kg
1912-24-9	Atrazine	230		91.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	120	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	210		84	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063947.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	200		84.4	130	170	ug/Kg
86-74-8	Carbazole	200		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	180		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	200		81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	200		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	170		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	210		80.7	130	170	ug/Kg
218-01-9	Chrysene	210		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	190	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	220		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	210		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	180		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.296	*	18-112			SPK: -0
13127-88-3	Phenol-d6	99.587	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	71.325	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	72.423	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	93.68	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	66.277	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063947.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140680	7.768				
1146-65-2	Naphthalene-d8	530151	10.559				
15067-26-2	Acenaphthene-d10	367140	14.413				
1517-22-2	Phenanthrene-d10	868342	17.175				
1719-03-5	Chrysene-d12	852810	21.428				
1520-96-3	Perylene-d12	907391	24.437				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063948.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	6	J	1	8	10	ug/L
110-86-1	Pyridine	5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	8	J	4	8	10	ug/L
62-53-3	Aniline	7.7		1.6	4	5	ug/L
108-95-2	Phenol	6.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	6.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	6.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	6.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	5.6	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	5.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.4		1.4	4	5	ug/L
98-86-2	Acetophenone	6.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	5.4	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	5.9		1	4	5	ug/L
98-95-3	Nitrobenzene	5.7		1.3	4	5	ug/L
78-59-1	Isophorone	5.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	4.1	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	5.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	5.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	6.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	5.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063948.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	5.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	5.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	5.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	6.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	5.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	4.9	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	5.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	6.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	5.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	5.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	6		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	9.2	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	4.4	J	2	8	10	ug/L
132-64-9	Dibenzofuran	6.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.8	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	5.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.8		0.98	4	5	ug/L
86-73-7	Fluorene	6.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	4.9	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.4	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	6		0.89	4	5	ug/L
103-33-3	Azobenzene	5.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	5.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	5.8		1.1	4	5	ug/L
1912-24-9	Atrazine	7.2		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	3.3	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	6.4		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063948.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	6		1.1	4	5	ug/L
86-74-8	Carbazole	6.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	5.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	6.1		1.3	4	5	ug/L
92-87-5	Benzidine	4.6	J	4.1	8	10	ug/L
129-00-0	Pyrene	6.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.9	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	6.2		0.94	4	5	ug/L
218-01-9	Chrysene	6.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	5.3	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	5.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	6.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	6.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	6.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	5.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	105.391	*	10-139			SPK: -0
13127-88-3	Phenol-d6	104.183	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	70.456	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	73.03	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	94.649	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	70.126	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063948.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133717	7.768				
1146-65-2	Naphthalene-d8	535413	10.558				
15067-26-2	Acenaphthene-d10	369106	14.419				
1517-22-2	Phenanthrene-d10	865565	17.174				
1719-03-5	Chrysene-d12	852123	21.428				
1520-96-3	Perylene-d12	909776	24.436				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063949.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	110	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	160	J	96.9	130	170	ug/Kg
108-95-2	Phenol	140	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	110	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	120	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	130	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	120	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	120	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	120	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	120	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	110	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	110	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	130	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	110	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063949.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	130	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	140	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	94.1	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	2040	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	130	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.8	J	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200.8	J	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	120	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	130	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	120	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	85	130	170	ug/Kg
1912-24-9	Atrazine	150	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063949.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	140	J	84	130	170	ug/Kg
120-12-7	Anthracene	130	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	130	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	130	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	130	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	99	J	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	140	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	130	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.991		18-112		78	SPK: -150
13127-88-3	Phenol-d6	116.196		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.981		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	81.261		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063949.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB165999

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.124		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	81.167		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105538	7.765				
1146-65-2	Naphthalene-d8	412031	10.556				
15067-26-2	Acenaphthene-d10	285267	14.416				
1517-22-2	Phenanthrene-d10	654860	17.172				
1719-03-5	Chrysene-d12	665529	21.426				
1520-96-3	Perylene-d12	720105	24.428				

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063950.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.9	J	1	8	10	ug/L
110-86-1	Pyridine	3.3	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.1	J	4	8	10	ug/L
62-53-3	Aniline	4.7	J	1.6	4	5	ug/L
108-95-2	Phenol	3.8	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	3.8	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.9	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.9	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.7	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	4.1	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	3.1	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.3	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	3.9	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.8	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.4	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.6	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	2.7	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.6	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.7	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	3.9	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.7	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063950.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.2	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.8	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.4	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	2.9	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.3	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.7	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	3	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.7	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.1	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.1	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.8	J	0.81	4	5	ug/L
Total PAH	Total PAH	61.8	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	4	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.8	J	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5.9	J	2.7	4	10	ug/L
84-66-2	Diethylphthalate	3.5	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.6	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.8	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	J	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	3.9	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.6	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.8	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.7	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.3	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063950.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.1	J	0.89	4	5	ug/L
120-12-7	Anthracene	4	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.7	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.5	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	3.8	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3.2	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.9	J	0.94	4	5	ug/L
218-01-9	Chrysene	4	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.2	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.3	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.7	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.8	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.6	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.6	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.8	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.3	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.4	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.6	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.082		10-139		76	SPK: -150
13127-88-3	Phenol-d6	111.063		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	79.805		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	79.873		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	1/19/2024 12:00:00 AM
Project:		Date Received:	1/19/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2024	SDG No.:	BG011025
Lab Sample ID:	P1187-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063950.D	1	1/9/2025 12:00:00 AM	1/10/2025 12:00:00 AM	PB166000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.055		44-137		69	SPK: -150
1718-51-0	Terphenyl-d14	86.946		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113519	7.768				
1146-65-2	Naphthalene-d8	419342	10.553				
15067-26-2	Acenaphthene-d10	296300	14.413				
1517-22-2	Phenanthrene-d10	687167	17.169				
1719-03-5	Chrysene-d12	628228	21.429				
1520-96-3	Perylene-d12	706928	24.437				

Hit Summary Sheet SW-846

SDG No.: BG011025

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT1-2024								
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	140.000	J	87.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	86.8	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	130.000	J	85.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	140.000	J	84.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	130.000	J	86	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	150.000	J	86.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	130.000	J	110	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	120.000	J	83.2	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	90.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	100.000	J	74.7	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	110.000	J	74	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	110.000	J	71.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	110.000	J	75.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	90.800	J	86.2	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	110.000	J	83.2	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	130.000	J	83.3	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	130.000	J	83.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	130.000	J	82.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	120.000	J	80.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	100.000	J	95	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	110.000	J	94.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	120.000	J	79.8	330	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	100.000	J	98.6	330	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	94.100	J	89.2	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	130.000	J	78.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	110.000	J	77.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	130.000	J	82.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	130.000	J	85.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	120.000	J	81.1	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	140.000	J	86.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	130.000	J	86.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	160.000	J	96.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	130.000	J	84.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	150.000	J	91.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	120.000	J	79.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	130.000	J	80.7	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	130.000	J	93	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG011025

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	120.000	J	81.1	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	110.000	J	80.1	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	110.000	J	83	330	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	120.000	J	85.8	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	130.000	J	83.7	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	91	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	99.000	J	96.8	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	110.000	J	86.8	330	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	130.000	J	80.3	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	140.000	J	79.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	120.000	J	84.3	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	120.000	J	81.2	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	130.000	J	84.4	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	120.000	J	80.1	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	130.000	J	81.7	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	130.000	J	81.7	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	130.000	J	85.5	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	120.000	J	85	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	110.000	J	83.3	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	120.000	J	83	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	78.1	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	120.000	J	84.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	110.000		40.3	80	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	120.000	J	86.8	330	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	130.000	J	81.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	130.000	J	82.6	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	120.000	J	90.8	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	140.000	J	84	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	140.000	J	82.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	130.000	J	83	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	110.000	J	79.9	170	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	200.000	J	169.4	340	ug/Kg
P1187-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	2,040.000	J	1325.1	2720	ug/Kg
Total Svoc :				10,723.90				
Total Concentration:				10,723.90				

Client ID : LOD-MDL-WATER-01-QT1-2024

P1187-07	LOD-MDL-WATER-01-C	Water	1,1-Biphenyl	4.300	J	0.91	5	ug/L
P1187-07	LOD-MDL-WATER-01-C	Water	1,2,4,5-Tetrachlorobenzene	3.800	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C	Water	1,2,4-Trichlorobenzene	4.000	J	1.1	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BG011025

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	3.900	J	0.88	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	3.700	J	0.8	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	4.100	J	0.84	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	4.300	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	3.600	J	0.86	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	3.900	J	1.4	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	3.400	J	0.79	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	2.900	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	3.400	J	0.89	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	3.700	J	0.88	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	2.700	J	1.5	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	2.800	J	1.5	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	3.100	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	3.700	J	0.97	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	3.900	J	0.71	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	3.800	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	3.300	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	3.000	J	1.4	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	3.000	J	2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	3.200	J	1.3	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	3.000	J	1.4	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	3.800	J	0.95	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	3.200	J	0.84	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	3.700	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	3.600	J	0.98	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	2.300	J	2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Acenaphthene	3.800	J	0.81	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	4.100	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Acetophenone	3.800	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Aniline	4.700	J	1.6	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Anthracene	4.000	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Atrazine	4.300	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Azobenzene	3.600	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	5.100	J	4	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	3.900	J	0.94	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	4.000	J	1.7	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	3.700	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	3.600	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	3.800	J	1.2	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BG011025

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1187-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	3.100	J	1.6	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	3.600	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	3.800	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	3.200	J	1.9	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	3.200	J	2.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Caprolactam	3.300	J	1.7	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Carbazole	3.700	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Chrysene	4.000	J	0.86	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	3.500	J	1.5	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	3.300	J	2.5	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	3.600	J	1.2	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	4.000	J	0.93	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	3.500	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	3.700	J	0.93	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Fluoranthene	3.800	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Fluorene	3.800	J	0.96	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	3.700	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	3.500	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	3.400	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	3.700	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Isophorone	3.600	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	3.400		1.5	2.5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	3.900	J	1	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	3.900	J	0.89	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Naphthalene	3.900	J	1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	4.000	J	1.3	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Phenanthrene	4.100	J	0.89	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Phenol	3.800	J	0.93	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Pyrene	4.000	J	1.1	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Pyridine	3.300	J	1.6	5	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.900	J	2.7	10	ug/L
P1187-07	LOD-MDL-WATER-01-C Water	Total PAH	61.800	J	17.36	80	ug/L
Total Svoc :			333.70				
Total Concentration:			333.70				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG010325 SAS No.: BG010325 SDG No.: BG010325
Instrument ID: _____ Calibration Date(s): 1/3/2025 1: _____
Calibration Time(s): 11:10 _____

LAB FILE ID:		RRF2.5 = BG063920.D			RRF005 = BG063921.D		RRF040 = BG063924.D	
		RRF050 = BG063925.D			RRF060 = BG063926.D		RRF080 = BG063927.D	
COMPOUND	RRF2.5	RRF005	RRF040	RRF050	RRF060	RRF080	RRF	% RSD
n-Nitrosodimethylamine		0.635	0.702	0.689	0.671	0.646	0.680	4.3
Pyridine		1.753	1.835	1.769	1.823	1.752	1.778	2.0
2-Fluorophenol		1.362	1.268	1.245	1.229	1.180	1.255	4.4
Benzaldehyde		1.449	1.170	1.063	0.964	0.820	1.160	19.5
Aniline		1.616	1.637	1.589	1.505	1.450	1.577	4.5
Phenol-d6		1.784	1.865	1.815	1.808	1.743	1.816	2.4
Phenol		1.921	1.939	1.882	1.863	1.820	1.891	2.1
bis(2-Chloroethyl)ether		1.576	1.502	1.457	1.435	1.423	1.482	3.5
2-Chlorophenol		1.228	1.232	1.209	1.196	1.149	1.220	3.4
1,2-Dichlorobenzene		1.546	1.449	1.439	1.397	1.327	1.447	4.9
1,3-Dichlorobenzene		1.565	1.492	1.457	1.441	1.375	1.471	4.0
1,4-Dichlorobenzene		1.527	1.519	1.461	1.451	1.365	1.470	3.7
Benzyl Alcohol		1.192	1.372	1.341	1.335	1.327	1.303	4.8
2-Methylphenol		1.251	1.257	1.200	1.210	1.193	1.227	2.2
2,2-oxybis(1-Chloropropane)		2.251	2.193	2.069	2.080	2.029	2.134	3.9
Acetophenone		0.619	0.586	0.601	0.604	0.578	0.601	2.4
3+4-Methylphenols		1.557	1.745	1.662	1.670	1.619	1.651	3.5
n-Nitroso-di-n-propylamine	1.262	1.279	1.387	1.336	1.364	1.285	1.326	3.4
Nitrobenzene-d5		0.497	0.499	0.513	0.524	0.504	0.508	2.0
Hexachloroethane		0.580	0.561	0.574	0.549	0.542	0.570	3.7
Nitrobenzene		0.547	0.537	0.552	0.558	0.541	0.545	1.6
Isophorone		0.901	0.879	0.888	0.916	0.879	0.895	1.7
2-Nitrophenol		0.154	0.176	0.180	0.184	0.181	0.173	6.1
2,4-Dimethylphenol		0.217	0.218	0.222	0.226	0.221	0.221	1.7
bis(2-Chloroethoxy)methane		0.548	0.530	0.535	0.537	0.522	0.534	1.7
2,4-Dichlorophenol		0.312	0.324	0.335	0.341	0.330	0.330	3.0
1,2,4-Trichlorobenzene		0.404	0.387	0.397	0.406	0.386	0.399	2.2
Benzoic acid			0.147	0.157	0.170	0.184	0.148	19.6
Naphthalene		1.138	1.048	1.078	1.077	1.039	1.084	3.3
4-Chloroaniline		0.334	0.355	0.358	0.358	0.355	0.352	2.8
Hexachlorobutadiene		0.283	0.264	0.270	0.275	0.260	0.273	3.1
Caprolactam		0.095	0.109	0.110	0.111	0.110	0.109	6.1
4-Chloro-3-methylphenol		0.346	0.360	0.372	0.377	0.369	0.366	3.0
2-Methylnaphthalene		0.793	0.742	0.744	0.757	0.725	0.762	3.5
Hexachlorocyclopentadiene			0.085	0.102	0.109	0.114	0.079	50.1
2,4,6-Trichlorophenol		0.351	0.391	0.421	0.420	0.413	0.395	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG010325 SAS No.: BG010325 SDG No.: BG010325
Instrument ID: _____ Calibration Date(s): 1/3/2025 1: _____
Calibration Time(s): 11:10 _____

LAB FILE ID:		RRF2.5 = BG063920.D		RRF005 = BG063921.D		RRF040 = BG063924.D		
		RRF050 = BG063925.D		RRF060 = BG063926.D		RRF080 = BG063927.D		
COMPOUND	RRF2.5	RRF005	RRF040	RRF050	RRF060	RRF080	RRF	% RSD
2-Fluorobiphenyl		1.488	1.326	1.379	1.357	1.235	1.381	6.2
2,4,5-Trichlorophenol		0.404	0.439	0.479	0.469	0.457	0.444	6.0
1,1-Biphenyl		1.530	1.393	1.479	1.476	1.376	1.460	3.9
2-Chloronaphthalene		1.213	1.163	1.213	1.242	1.145	1.200	2.8
2-Nitroaniline		0.352	0.397	0.421	0.428	0.427	0.402	7.5
Dimethylphthalate		1.454	1.401	1.462	1.485	1.398	1.461	3.3
Acenaphthylene		1.798	1.705	1.803	1.804	1.684	1.778	3.4
2,6-Dinitrotoluene		0.308	0.322	0.334	0.331	0.330	0.325	3.5
3-Nitroaniline		0.268	0.298	0.323	0.315	0.305	0.299	7.1
Acenaphthene		1.129	1.039	1.097	1.098	1.024	1.087	3.7
2,4-Dinitrophenol			0.147	0.173	0.173	0.176	0.140	30.9
4-Nitrophenol		0.144	0.218	0.243	0.236	0.233	0.205	19.8
Dibenzofuran		1.989	1.798	1.919	1.868	1.733	1.887	4.9
2,4-Dinitrotoluene		0.416	0.437	0.487	0.485	0.453	0.457	5.6
Diethylphthalate		1.511	1.346	1.454	1.443	1.351	1.440	4.8
4-Chlorophenyl-phenylether		0.842	0.765	0.793	0.778	0.731	0.795	5.0
Fluorene		1.575	1.385	1.459	1.427	1.301	1.466	7.1
4-Nitroaniline		0.258	0.317	0.340	0.336	0.320	0.310	9.4
4,6-Dinitro-2-methylphenol			0.112	0.111	0.115	0.119	0.104	15.9
n-Nitrosodiphenylamine		0.513	0.534	0.510	0.531	0.506	0.521	2.1
Azobenzene		1.853	1.746	1.869	1.849	1.728	1.821	3.5
2,4,6-Tribromophenol		0.244	0.235	0.246	0.245	0.225	0.241	3.5
4-Bromophenyl-phenylether		0.217	0.226	0.218	0.226	0.214	0.221	2.2
Hexachlorobenzene		0.267	0.253	0.248	0.251	0.237	0.252	3.6
Atrazine		0.198	0.159	0.121			0.167	18.0
Pentachlorophenol		0.076	0.116	0.118	0.123	0.123	0.105	19.5
Phenanthrene		1.095	1.060	1.025	1.002	0.951	1.040	4.9
Anthracene		1.037	1.038	1.005	0.997	0.930	1.013	4.1
Carbazole		0.942	0.953	0.934	0.926	0.870	0.935	3.4
Di-n-butylphthalate		1.031	1.071	1.051	1.031	0.961	1.042	3.9
Fluoranthene		1.399	1.340	1.297	1.267	1.167	1.313	6.0
Benzidine		0.244	0.314	0.261	0.289	0.357	0.280	15.9
Pyrene		1.428	1.316	1.364	1.354	1.255	1.372	5.2
Terphenyl-d14		1.135	0.953	0.956	0.931	0.832	1.007	11.8
Butylbenzylphthalate		0.371	0.407	0.440	0.455	0.448	0.423	7.2
3,3-Dichlorobenzidine		0.376	0.410	0.427	0.432	0.425	0.416	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG010325 SAS No.: BG010325 SDG No.: BG010325
Instrument ID: _____ Calibration Date(s): 1/3/2025 1: _____
Calibration Time(s): 11:10 _____

LAB FILE ID:		RRF2.5 = BG063920.D			RRF005 = BG063921.D		RRF040 = BG063924.D	
		RRF050 = BG063925.D			RRF060 = BG063926.D		RRF080 = BG063927.D	
COMPOUND	RRF2.5	RRF005	RRF040	RRF050	RRF060	RRF080	RRF	% RSD
Benzo(a)anthracene		1.380	1.277	1.323	1.337	1.262	1.338	4.2
Chrysene		1.354	1.234	1.301	1.295	1.216	1.299	4.5
Bis(2-ethylhexyl)phthalate		0.593	0.631	0.666	0.668	0.646	0.647	4.5
Di-n-octyl phthalate		1.017	1.102	1.163	1.191	1.155	1.127	5.7
Benzo(b)fluoranthene		1.281	1.237	1.260	1.244	1.212	1.250	1.8
Benzo(k)fluoranthene		1.228	1.264	1.222	1.280	1.224	1.255	2.5
Benzo(a)pyrene		1.093	1.103	1.118	1.123	1.109	1.110	1.1
Indeno(1,2,3-cd)pyrene		1.333	1.382	1.392	1.425	1.408	1.389	2.2
Dibenzo(a,h)anthracene		1.089	1.148	1.168	1.184	1.146	1.149	2.6
Benzo(g,h,i)perylene		1.192	1.186	1.175	1.205	1.189	1.182	1.5
1,2,4,5-Tetrachlorobenzene		0.687	0.645	0.686	0.682	0.653	0.671	2.6
1,4-Dioxane		0.749	0.646	0.646	0.626	0.609	0.660	6.9
2,3,4,6-Tetrachlorophenol		0.366	0.391	0.401	0.412	0.389	0.391	3.9
1-Methylnaphthalene		0.810	0.734	0.746	0.749	0.716	0.758	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG NO.: BG011025

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 10 2025 12:00AM

Lab File ID: BG063924.D Time Analyzed: 10:00

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	107735	7.794	438114	10.58	309911	14.44
UPPER LIMIT	215470	8.294	876228	11.079	619822	14.939
LOWER LIMIT	53867.5	7.294	219057	10.079	154955.5	13.939
EPA SAMPLE NO.						
01 PB165999BL	114679	7.77	442297	10.56	311896	14.42
02 LOD-MDL-SOIL-01-QT1-2024	105538	7.77	412031	10.56	285267	14.42
03 LOD-MDL-WATER-01-QT1-2024	113519	7.77	419342	10.55	296300	14.41

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG NO.: BG011025

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 10 2025 12:00AM

Lab File ID: BG063943.D Time Analyzed: 10:00

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	96461	7.766	402236	10.56	283248	14.42
UPPER LIMIT	192922	8.266	804472	11.057	566496	14.917
LOWER LIMIT	48230.5	7.266	201118	10.057	141624	13.917
EPA SAMPLE NO.						
01 PB165999BL	114679	7.77	442297	10.56	311896	14.42
02 LOD-MDL-SOIL-01-QT1-2024	105538	7.77	412031	10.56	285267	14.42
03 LOD-MDL-WATER-01-QT1-2024	113519	7.77	419342	10.55	296300	14.41

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG NO.: BG011025

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 10 2025 12:00AM

Lab File ID: BG063924.D Time Analyzed: 10:00

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	689382	17.195	735080	21.455	773231	24.475
UPPER LIMIT	1378764	17.695	1470160	21.955	1546462	24.975
LOWER LIMIT	344691	16.695	367540	20.955	386615.5	23.975
EPA SAMPLE NO.						
01 PB165999BL	736182	17.17	793503	21.43	796013	24.43
02 LOD-MDL-SOIL-01-QT1-2024	654860	17.17	665529	21.43	720105	24.43
03 LOD-MDL-WATER-01-QT1-2024	687167	17.17	628228	21.43	706928	24.44

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG011025 SAS No.: BG011025 SDG NO.: BG011025

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 10 2025 12:00AM

Lab File ID: BG063943.D Time Analyzed: 10:00

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	635220	17.173	677486	21.432	706883	24.435
UPPER LIMIT	1270440	17.673	1354972	21.932	1413766	24.935
LOWER LIMIT	317610	16.673	338743	20.932	353441.5	23.935
EPA SAMPLE NO.						
01 PB165999BL	736182	17.17	793503	21.43	796013	24.43
02 LOD-MDL-SOIL-01-QT1-2024	654860	17.17	665529	21.43	720105	24.43
03 LOD-MDL-WATER-01-QT1-2024	687167	17.17	628228	21.43	706928	24.44

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-02	n-Nitrosodimethylamine	330	130	ug/Kg	39		*		70	130	
	n-Nitrosodimethylamine	330	170	ug/Kg	52		*		70	130	
	Pyridine	170	160	ug/Kg	94				70	130	
	Pyridine	170	130	ug/Kg	76				70	130	
	Benzaldehyde	330	190	ug/Kg	58		*		70	130	
	Benzaldehyde	330	250	ug/Kg	76				70	130	
	Aniline	170	250	ug/Kg	147		*		70	130	
	Aniline	170	180	ug/Kg	106				70	130	
	Phenol	170	150	ug/Kg	88				70	130	
	Phenol	170	200	ug/Kg	118				70	130	
	bis(2-Chloroethyl)ether	170	200	ug/Kg	118				70	130	
	bis(2-Chloroethyl)ether	170	150	ug/Kg	88				70	130	
	2-Chlorophenol	170	150	ug/Kg	88				70	130	
	2-Chlorophenol	170	200	ug/Kg	118				70	130	
	1,2-Dichlorobenzene	170	200	ug/Kg	118				70	130	
	1,2-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	1,3-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	1,3-Dichlorobenzene	170	200	ug/Kg	118				70	130	
	1,4-Dichlorobenzene	170	200	ug/Kg	118				70	130	
	1,4-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	Benzyl Alcohol	330	130	ug/Kg	39		*		70	130	
	Benzyl Alcohol	330	180	ug/Kg	55		*		70	130	
	2-Methylphenol	170	180	ug/Kg	106				70	130	
	2-Methylphenol	170	130	ug/Kg	76				70	130	
	2,2-oxybis(1-Chloropropane)	170	150	ug/Kg	88				70	130	
	2,2-oxybis(1-Chloropropane)	170	200	ug/Kg	118				70	130	
	Acetophenone	170	200	ug/Kg	118				70	130	
	Acetophenone	170	150	ug/Kg	88				70	130	
	3+4-Methylphenols	330	130	ug/Kg	39		*		70	130	
	3+4-Methylphenols	330	160	ug/Kg	48		*		70	130	
	N-Nitroso-di-n-propylamine	80	170	ug/Kg	213		*		70	130	
	N-Nitroso-di-n-propylamine	80	140	ug/Kg	175		*		70	130	
	Hexachloroethane	170	140	ug/Kg	82				70	130	
	Hexachloroethane	170	190	ug/Kg	112				70	130	
	Nitrobenzene	170	190	ug/Kg	112				70	130	
	Nitrobenzene	170	130	ug/Kg	76				70	130	
	Isophorone	170	140	ug/Kg	82				70	130	
	Isophorone	170	190	ug/Kg	112				70	130	
	2-Nitrophenol	170	170	ug/Kg	100				70	130	
	2-Nitrophenol	170	120	ug/Kg	71				70	130	
	2,4-Dimethylphenol	170	0	ug/Kg	0		*		70	130	
	2,4-Dimethylphenol	170	140	ug/Kg	82				70	130	
	bis(2-Chloroethoxy)methane	170	190	ug/Kg	112				70	130	
	bis(2-Chloroethoxy)methane	170	140	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-02	2,4-Dichlorophenol	170	130	ug/Kg	76				70	130	
	2,4-Dichlorophenol	170	170	ug/Kg	100				70	130	
	1,2,4-Trichlorobenzene	170	190	ug/Kg	112				70	130	
	1,2,4-Trichlorobenzene	170	140	ug/Kg	82				70	130	
	Benzoic acid	330	0	ug/Kg	0		*		70	130	
	Benzoic acid	330	0	ug/Kg	0		*		70	130	
	Naphthalene	170	200	ug/Kg	118				70	130	
	Naphthalene	170	150	ug/Kg	88				70	130	
	4-Chloroaniline	170	150	ug/Kg	88				70	130	
	4-Chloroaniline	170	210	ug/Kg	124				70	130	
	Hexachlorobutadiene	170	180	ug/Kg	106				70	130	
	Hexachlorobutadiene	170	130	ug/Kg	76				70	130	
	Caprolactam	330	130	ug/Kg	39		*		70	130	
	Caprolactam	330	190	ug/Kg	58		*		70	130	
	4-Chloro-3-methylphenol	170	180	ug/Kg	106				70	130	
	4-Chloro-3-methylphenol	170	130	ug/Kg	76				70	130	
	2-Methylnaphthalene	170	150	ug/Kg	88				70	130	
	2-Methylnaphthalene	170	200	ug/Kg	118				70	130	
	Hexachlorocyclopentadiene	330		ug/Kg			*		70	130	
	Hexachlorocyclopentadiene	330		ug/Kg			*		70	130	
	2,4,6-Trichlorophenol	170	120	ug/Kg	71				70	130	
	2,4,6-Trichlorophenol	170	180	ug/Kg	106				70	130	
	2,4,5-Trichlorophenol	170	160	ug/Kg	94				70	130	
	2,4,5-Trichlorophenol	170	130	ug/Kg	76				70	130	
	1,1-Biphenyl	170	150	ug/Kg	88				70	130	
	1,1-Biphenyl	170	210	ug/Kg	124				70	130	
	2-Chloronaphthalene	170	190	ug/Kg	112				70	130	
	2-Chloronaphthalene	170	140	ug/Kg	82				70	130	
	2-Nitroaniline	170	120	ug/Kg	71				70	130	
	2-Nitroaniline	170	160	ug/Kg	94				70	130	
	Dimethylphthalate	170	190	ug/Kg	112				70	130	
	Dimethylphthalate	170	140	ug/Kg	82				70	130	
	Acenaphthylene	170	150	ug/Kg	88				70	130	
	Acenaphthylene	170	210	ug/Kg	124				70	130	
	2,6-Dinitrotoluene	170	170	ug/Kg	100				70	130	
	2,6-Dinitrotoluene	170	120	ug/Kg	71				70	130	
	3-Nitroaniline	170	120	ug/Kg	71				70	130	
	3-Nitroaniline	170	170	ug/Kg	100				70	130	
	Acenaphthene	170	190	ug/Kg	112				70	130	
	Acenaphthene	170	140	ug/Kg	82				70	130	
	2,4-Dinitrophenol	330	290	ug/Kg	88				70	130	
	2,4-Dinitrophenol	330	310	ug/Kg	94				70	130	
	4-Nitrophenol	330	140	ug/Kg	42		*		70	130	
	4-Nitrophenol	330	0	ug/Kg	0		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-02	Dibenzofuran	170	150	ug/Kg	88				70	130	
	Dibenzofuran	170	200	ug/Kg	118				70	130	
	2,4-Dinitrotoluene	170	160	ug/Kg	94				70	130	
	2,4-Dinitrotoluene	170	110	ug/Kg	65		*		70	130	
	Diethylphthalate	170	130	ug/Kg	76				70	130	
	Diethylphthalate	170	190	ug/Kg	112				70	130	
	4-Chlorophenyl-phenylether	170	200	ug/Kg	118				70	130	
	4-Chlorophenyl-phenylether	170	140	ug/Kg	82				70	130	
	Fluorene	170	150	ug/Kg	88				70	130	
	Fluorene	170	200	ug/Kg	118				70	130	
	4-Nitroaniline	170	160	ug/Kg	94				70	130	
	4-Nitroaniline	170	120	ug/Kg	71				70	130	
	4,6-Dinitro-2-methylphenol	330	0	ug/Kg	0		*		70	130	
	4,6-Dinitro-2-methylphenol	330	0	ug/Kg	0		*		70	130	
	N-Nitrosodiphenylamine	170	200	ug/Kg	118				70	130	
	N-Nitrosodiphenylamine	170	140	ug/Kg	82				70	130	
	Azobenzene	170	140	ug/Kg	82				70	130	
	Azobenzene	170	190	ug/Kg	112				70	130	
	4-Bromophenyl-phenylether	170	190	ug/Kg	112				70	130	
	4-Bromophenyl-phenylether	170	140	ug/Kg	82				70	130	
	Hexachlorobenzene	170	130	ug/Kg	76				70	130	
	Hexachlorobenzene	170	180	ug/Kg	106				70	130	
	Atrazine	170	230	ug/Kg	135		*		70	130	
	Atrazine	170	160	ug/Kg	94				70	130	
	Pentachlorophenol	330	0	ug/Kg	0		*		70	130	
	Pentachlorophenol	330	120	ug/Kg	36		*		70	130	
	Phenanthrene	170	210	ug/Kg	124				70	130	
	Phenanthrene	170	150	ug/Kg	88				70	130	
	Anthracene	170	140	ug/Kg	82				70	130	
	Anthracene	170	200	ug/Kg	118				70	130	
	Carbazole	170	200	ug/Kg	118				70	130	
	Carbazole	170	140	ug/Kg	82				70	130	
	Di-n-butylphthalate	170	130	ug/Kg	76				70	130	
	Di-n-butylphthalate	170	180	ug/Kg	106				70	130	
	Fluoranthene	170	200	ug/Kg	118				70	130	
	Fluoranthene	170	130	ug/Kg	76				70	130	
	Benzidine	330	0	ug/Kg	0		*		70	130	
	Benzidine	330	0	ug/Kg	0		*		70	130	
	Pyrene	170	200	ug/Kg	118				70	130	
	Pyrene	170	140	ug/Kg	82				70	130	
	Butylbenzylphthalate	170	100	ug/Kg	59		*		70	130	
	Butylbenzylphthalate	170	170	ug/Kg	100				70	130	
	3,3-Dichlorobenzidine	330	180	ug/Kg	55		*		70	130	
	3,3-Dichlorobenzidine	330	120	ug/Kg	36		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
P1187-02	Benzo(a)anthracene	170	150	ug/Kg	88				70	130		
	Benzo(a)anthracene	170	210	ug/Kg	124				70	130		
	Chrysene	170	210	ug/Kg	124				70	130		
	Chrysene	170	150	ug/Kg	88				70	130		
	bis(2-Ethylhexyl)phthalate	170	120	ug/Kg	71				70	130		
	bis(2-Ethylhexyl)phthalate	170	200	ug/Kg	118				70	130		
	Di-n-octyl phthalate	330	190	ug/Kg	58		*		70	130		
	Di-n-octyl phthalate	330	110	ug/Kg	33		*		70	130		
	Benzo(b)fluoranthene	170	130	ug/Kg	76				70	130		
	Benzo(b)fluoranthene	170	200	ug/Kg	118				70	130		
	Benzo(k)fluoranthene	170	210	ug/Kg	124				70	130		
	Benzo(k)fluoranthene	170	150	ug/Kg	88				70	130		
	Benzo(a)pyrene	170	150	ug/Kg	88				70	130		
	Benzo(a)pyrene	170	220	ug/Kg	129				70	130		
	Indeno(1,2,3-cd)pyrene	170	210	ug/Kg	124				70	130		
	Indeno(1,2,3-cd)pyrene	170	140	ug/Kg	82				70	130		
	Dibenz(a,h)anthracene	170	130	ug/Kg	76				70	130		
	Dibenz(a,h)anthracene	170	210	ug/Kg	124				70	130		
	Benzo(g,h,i)perylene	170	200	ug/Kg	118				70	130		
	Benzo(g,h,i)perylene	170	130	ug/Kg	76				70	130		
	1,2,4,5-Tetrachlorobenzene	170	140	ug/Kg	82				70	130		
	1,2,4,5-Tetrachlorobenzene	170	210	ug/Kg	124				70	130		
	1,4-Dioxane	170	210	ug/Kg	124				70	130		
	1,4-Dioxane	170	140	ug/Kg	82				70	130		
	2,3,4,6-Tetrachlorophenol	170	130	ug/Kg	76				70	130		
	2,3,4,6-Tetrachlorophenol	170	170	ug/Kg	100				70	130		
	1-Methylnaphthalene	170	180	ug/Kg	106				70	130		
	1-Methylnaphthalene	170	140	ug/Kg	82				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-08	n-Nitrosodimethylamine	10	4.4	ug/L	44		*		70	130	
	n-Nitrosodimethylamine	10	6	ug/L	60		*		70	130	
	Pyridine	5	5	ug/L	100				70	130	
	Pyridine	5	4.1	ug/L	82				70	130	
	Benzaldehyde	10	8	ug/L	80				70	130	
	Benzaldehyde	10	5.8	ug/L	58		*		70	130	
	Aniline	5	5.5	ug/L	110				70	130	
	Aniline	5	7.7	ug/L	154		*		70	130	
	Phenol	5	4.4	ug/L	88				70	130	
	Phenol	5	6.3	ug/L	126				70	130	
	bis(2-Chloroethyl)ether	5	6.4	ug/L	128				70	130	
	bis(2-Chloroethyl)ether	5	4.6	ug/L	92				70	130	
	2-Chlorophenol	5	4.5	ug/L	90				70	130	
	2-Chlorophenol	5	6.3	ug/L	126				70	130	
	1,2-Dichlorobenzene	5	6.4	ug/L	128				70	130	
	1,2-Dichlorobenzene	5	4.6	ug/L	92				70	130	
	1,3-Dichlorobenzene	5	4.4	ug/L	88				70	130	
	1,3-Dichlorobenzene	5	6	ug/L	120				70	130	
	1,4-Dichlorobenzene	5	6	ug/L	120				70	130	
	1,4-Dichlorobenzene	5	4.4	ug/L	88				70	130	
	Benzyl Alcohol	10	4	ug/L	40		*		70	130	
	Benzyl Alcohol	10	5.6	ug/L	56		*		70	130	
	2-Methylphenol	5	4	ug/L	80				70	130	
	2-Methylphenol	5	5.7	ug/L	114				70	130	
	2,2-oxybis(1-Chloropropane)	5	6.4	ug/L	128				70	130	
	2,2-oxybis(1-Chloropropane)	5	4.5	ug/L	90				70	130	
	Acetophenone	5	4.4	ug/L	88				70	130	
	Acetophenone	5	6.1	ug/L	122				70	130	
	3+4-Methylphenols	10	5.4	ug/L	54		*		70	130	
	3+4-Methylphenols	10	4.3	ug/L	43		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	4	ug/L	160		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	5.7	ug/L	228		*		70	130	
	Hexachloroethane	5	5.9	ug/L	118				70	130	
	Hexachloroethane	5	4.3	ug/L	86				70	130	
	Nitrobenzene	5	4.4	ug/L	88				70	130	
	Nitrobenzene	5	5.7	ug/L	114				70	130	
	Isophorone	5	5.7	ug/L	114				70	130	
	Isophorone	5	4.1	ug/L	82				70	130	
	2-Nitrophenol	5	5	ug/L	100				70	130	
	2-Nitrophenol	5	3.6	ug/L	72				70	130	
	2,4-Dimethylphenol	5	2.2	ug/L	44		*		70	130	
	2,4-Dimethylphenol	5	4.1	ug/L	82				70	130	
	bis(2-Chloroethoxy)methane	5	4.2	ug/L	84				70	130	
	bis(2-Chloroethoxy)methane	5	5.6	ug/L	112				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-08	2,4-Dichlorophenol	5	4.1	ug/L	82				70	130	
	2,4-Dichlorophenol	5	5.5	ug/L	110				70	130	
	1,2,4-Trichlorobenzene	5	5.7	ug/L	114				70	130	
	1,2,4-Trichlorobenzene	5	4.2	ug/L	84				70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Naphthalene	5	5.9	ug/L	118				70	130	
	Naphthalene	5	4.5	ug/L	90				70	130	
	4-Chloroaniline	5	6.3	ug/L	126				70	130	
	4-Chloroaniline	5	4.6	ug/L	92				70	130	
	Hexachlorobutadiene	5	3.9	ug/L	78				70	130	
	Hexachlorobutadiene	5	5.3	ug/L	106				70	130	
	Caprolactam	10	5.1	ug/L	51		*		70	130	
	Caprolactam	10	4.1	ug/L	41		*		70	130	
	4-Chloro-3-methylphenol	5	3.9	ug/L	78				70	130	
	4-Chloro-3-methylphenol	5	5.4	ug/L	108				70	130	
	2-Methylnaphthalene	5	5.9	ug/L	118				70	130	
	2-Methylnaphthalene	5	4.2	ug/L	84				70	130	
	Hexachlorocyclopentadiene	10	11.5	ug/L	115				70	130	
	Hexachlorocyclopentadiene	10		ug/L			*		70	130	
	2,4,6-Trichlorophenol	5	5.2	ug/L	104				70	130	
	2,4,6-Trichlorophenol	5	3.7	ug/L	74				70	130	
	2,4,5-Trichlorophenol	5	3.7	ug/L	74				70	130	
	2,4,5-Trichlorophenol	5	5.1	ug/L	102				70	130	
	1,1-Biphenyl	5	6.5	ug/L	130				70	130	
	1,1-Biphenyl	5	4.8	ug/L	96				70	130	
	2-Chloronaphthalene	5	4.6	ug/L	92				70	130	
	2-Chloronaphthalene	5	5.9	ug/L	118				70	130	
	2-Nitroaniline	5	4.9	ug/L	98				70	130	
	2-Nitroaniline	5	3.7	ug/L	74				70	130	
	Dimethylphthalate	5	4.2	ug/L	84				70	130	
	Dimethylphthalate	5	5.9	ug/L	118				70	130	
	Acenaphthylene	5	4.7	ug/L	94				70	130	
	Acenaphthylene	5	6.5	ug/L	130				70	130	
	2,6-Dinitrotoluene	5	5.1	ug/L	102				70	130	
	2,6-Dinitrotoluene	5	3.7	ug/L	74				70	130	
	3-Nitroaniline	5	3.6	ug/L	72				70	130	
	3-Nitroaniline	5	5.1	ug/L	102				70	130	
	Acenaphthene	5	6	ug/L	120				70	130	
	Acenaphthene	5	4.5	ug/L	90				70	130	
	2,4-Dinitrophenol	10	8.9	ug/L	89				70	130	
	2,4-Dinitrophenol	10	9.2	ug/L	92				70	130	
	4-Nitrophenol	10	4.4	ug/L	44		*		70	130	
	4-Nitrophenol	10	2.2	ug/L	22		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-08	Dibenzofuran	5	4.4	ug/L	88				70	130	
	Dibenzofuran	5	6.1	ug/L	122				70	130	
	2,4-Dinitrotoluene	5	3.4	ug/L	68		*		70	130	
	2,4-Dinitrotoluene	5	4.8	ug/L	96				70	130	
	Diethylphthalate	5	4.1	ug/L	82				70	130	
	Diethylphthalate	5	5.6	ug/L	112				70	130	
	4-Chlorophenyl-phenylether	5	4.4	ug/L	88				70	130	
	4-Chlorophenyl-phenylether	5	5.8	ug/L	116				70	130	
	Fluorene	5	4.4	ug/L	88				70	130	
	Fluorene	5	6.1	ug/L	122				70	130	
	4-Nitroaniline	5	4.9	ug/L	98				70	130	
	4-Nitroaniline	5	3.5	ug/L	70				70	130	
	4,6-Dinitro-2-methylphenol	10	0	ug/L	0		*		70	130	
	4,6-Dinitro-2-methylphenol	10	3.4	ug/L	34		*		70	130	
	N-Nitrosodiphenylamine	5	4.2	ug/L	84				70	130	
	N-Nitrosodiphenylamine	5	6	ug/L	120				70	130	
	Azobenzene	5	5.7	ug/L	114				70	130	
	Azobenzene	5	4.3	ug/L	86				70	130	
	4-Bromophenyl-phenylether	5	4.1	ug/L	82				70	130	
	4-Bromophenyl-phenylether	5	5.7	ug/L	114				70	130	
	Hexachlorobenzene	5	4.1	ug/L	82				70	130	
	Hexachlorobenzene	5	5.8	ug/L	116				70	130	
	Atrazine	5	7.2	ug/L	144		*		70	130	
	Atrazine	5	5	ug/L	100				70	130	
	Pentachlorophenol	10	2.1	ug/L	21		*		70	130	
	Pentachlorophenol	10	3.3	ug/L	33		*		70	130	
	Phenanthrene	5	6.4	ug/L	128				70	130	
	Phenanthrene	5	4.6	ug/L	92				70	130	
	Anthracene	5	6	ug/L	120				70	130	
	Anthracene	5	4.2	ug/L	84				70	130	
	Carbazole	5	4.3	ug/L	86				70	130	
	Carbazole	5	6.1	ug/L	122				70	130	
	Di-n-butylphthalate	5	5.5	ug/L	110				70	130	
	Di-n-butylphthalate	5	3.8	ug/L	76				70	130	
	Fluoranthene	5	4.3	ug/L	86				70	130	
	Fluoranthene	5	6.1	ug/L	122				70	130	
	Benzidine	10	0	ug/L	0		*		70	130	
	Benzidine	10	4.6	ug/L	46		*		70	130	
	Pyrene	5	4.4	ug/L	88				70	130	
	Pyrene	5	6.3	ug/L	126				70	130	
	Butylbenzylphthalate	5	4.9	ug/L	98				70	130	
	Butylbenzylphthalate	5	3.3	ug/L	66		*		70	130	
	3,3-Dichlorobenzidine	10	5.4	ug/L	54		*		70	130	
	3,3-Dichlorobenzidine	10	3.5	ug/L	35		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P1187-08	Benzo(a)anthracene	5	4.4	ug/L	88				70	130	
	Benzo(a)anthracene	5	6.2	ug/L	124				70	130	
	Chrysene	5	4.5	ug/L	90				70	130	
	Chrysene	5	6.3	ug/L	126				70	130	
	bis(2-Ethylhexyl)phthalate	5	5.3	ug/L	106				70	130	
	bis(2-Ethylhexyl)phthalate	5	3.5	ug/L	70				70	130	
	Di-n-octyl phthalate	10	3.4	ug/L	34		*		70	130	
	Di-n-octyl phthalate	10	5.3	ug/L	53		*		70	130	
	Benzo(b)fluoranthene	5	5.8	ug/L	116				70	130	
	Benzo(b)fluoranthene	5	4.2	ug/L	84				70	130	
	Benzo(k)fluoranthene	5	4.5	ug/L	90				70	130	
	Benzo(k)fluoranthene	5	6.2	ug/L	124				70	130	
	Benzo(a)pyrene	5	4.5	ug/L	90				70	130	
	Benzo(a)pyrene	5	6.4	ug/L	128				70	130	
	Indeno(1,2,3-cd)pyrene	5	4.2	ug/L	84				70	130	
	Indeno(1,2,3-cd)pyrene	5	6	ug/L	120				70	130	
	Dibenz(a,h)anthracene	5	5.8	ug/L	116				70	130	
	Dibenz(a,h)anthracene	5	4.2	ug/L	84				70	130	
	Benzo(g,h,i)perylene	5	4	ug/L	80				70	130	
	Benzo(g,h,i)perylene	5	5.5	ug/L	110				70	130	
	1,2,4,5-Tetrachlorobenzene	5	4.3	ug/L	86				70	130	
	1,2,4,5-Tetrachlorobenzene	5	5.9	ug/L	118				70	130	
	1,4-Dioxane	5	6.4	ug/L	128				70	130	
	1,4-Dioxane	5	4.9	ug/L	98				70	130	
	2,3,4,6-Tetrachlorophenol	5	3.6	ug/L	72				70	130	
	2,3,4,6-Tetrachlorophenol	5	4.8	ug/L	96				70	130	
	1-Methylnaphthalene	5	5.6	ug/L	112				70	130	
	1-Methylnaphthalene	5	4	ug/L	80				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165999BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG011025

SAS No.: BG011025 SDG NO.: BG011025

Lab File ID: BG063944.D

Lab Sample ID: PB165999BL

Instrument ID: BNA_G

Date Extracted: 01/09/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/10/2025

Level: (low/med) LOW

Time Analyzed: 10:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-SOIL-01-QT1-2024	P1187-01	BG063949.D	01/10/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

LOD-MDL-WATER-01-QT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG011025

SAS No.: BG011025 SDG NO.: BG011025

Lab File ID: BG063950.D

Lab Sample ID: P1187-07

Instrument ID: BNA_G

Date Extracted: 01/09/2025

Matrix: (soil/water) Water

Date Analyzed: 01/10/2025

Level: (low/med) LOW

Time Analyzed: 14:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
LOD-MDL-WATER-01-QT1-2024	P1187-07	BG063950.D	01/10/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BG011025**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1187-01	LOD-MDL-SOIL-0	BG063949.D	2-Fluorophenol	150	116.99	78		18	112
			Phenol-d6	150	116.20	77		15	107
			Nitrobenzene-d5	100	78.98	79		18	107
			2-Fluorobiphenyl	100	81.26	81		20	109
			2,4,6-Tribromophenol	150	105.12	70		10	116
			Terphenyl-d14	100	81.17	81		10	105
PB165999BL	PB165999BL	BG063944.D	2-Fluorophenol	150	134.79	90		18	112
			Phenol-d6	150	126.78	85		15	107
			Nitrobenzene-d5	100	81.81	82		18	107
			2-Fluorobiphenyl	100	80.85	81		20	109
			2,4,6-Tribromophenol	150	112.82	75		10	116
			Terphenyl-d14	100	82.68	83		10	105

Surrogate Summary

SW-846

SDG No.: BG011025

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1187-07	LOD-MDL-WATEFBG063950.D		2-Fluorophenol	150	114.08	76		10	139
			Phenol-d6	150	111.06	74		10	134
			Nitrobenzene-d5	100	79.81	80		49	133
			2-Fluorobiphenyl	100	79.87	80		52	132
			2,4,6-Tribromophenol	150	103.06	69		44	137
			Terphenyl-d14	100	86.95	87		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG011025

Lab Code: CHEM

SAS No.: BG011025

SDG NO.: BG011025

Lab File ID: BG063942.D

DFTPP Injection Date: 01/10/2025

Instrument ID: BNA_G

DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	38.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	72.2
443	15.0 - 24.0% of mass 442	13.8 (19.1) 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	BG063943.D	01/10/2025	09:23
PB165999BL	PB165999BL	BG063944.D	01/10/2025	10:00
LOD-MDL-SOIL-01-QT1-2024	P1187-01	BG063949.D	01/10/2025	14:07
LOD-MDL-WATER-01-QT1-2024	P1187-07	BG063950.D	01/10/2025	14:44
SSTDCCC040EC	SSTDCCC040	BG063951.D	01/10/2025	15:25