

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG110424 SAS No.: BG110424 SDG No.: BG110424

Instrument ID: BNA_G Calibration Date/Time: 11/4/2024 1:10:44

Lab File ID: BG063150.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	0.760	0.759		-0.132	
Pyridine	1.223	1.180		-3.516	
2-Fluorophenol	1.290	1.146		-11.163	
Benzaldehyde	1.050	1.016		-3.238	
Aniline	1.520	1.459		-4.013	
Phenol-d6	1.690	1.614		-4.497	
Phenol	1.811	1.743		-3.755	20.0
bis(2-Chloroethyl)ether	1.221	1.162		-4.832	
2-Chlorophenol	1.198	1.151		-3.923	
1,2-Dichlorobenzene	1.428	1.314		-7.983	
1,3-Dichlorobenzene	1.453	1.318		-9.291	
1,4-Dichlorobenzene	1.481	1.367		-7.698	20.0
Benzyl Alcohol	1.358	1.355		-0.221	
2-Methylphenol	1.152	1.152		0.0	
2,2-oxybis(1-Chloropropane)	2.215	2.157		-2.619	
Acetophenone	0.536	0.522		-2.612	
3+4-Methylphenols	1.536	1.516		-1.302	
n-Nitroso-di-n-propylamine	1.177	1.156	0.050	-1.784	
Nitrobenzene-d5	0.460	0.443		-3.696	
Hexachloroethane	0.530	0.505		-4.717	
Nitrobenzene	0.497	0.490		-1.408	
Isophorone	0.795	0.810		1.887	
2-Nitrophenol	0.183	0.187		2.186	20.0
2,4-Dimethylphenol	0.225	0.228		1.333	
bis(2-Chloroethoxy)methane	0.417	0.420		0.719	
2,4-Dichlorophenol	0.340	0.329		-3.235	20.0
1,2,4-Trichlorobenzene	0.418	0.395		-5.502	
Benzoic acid	0.196	0.185		-5.612	
Naphthalene	1.055	1.043		-1.137	
4-Chloroaniline	0.356	0.373		4.775	
Hexachlorobutadiene	0.344	0.316		-8.14	20.0
Caprolactam	0.108	0.113		4.63	
4-Chloro-3-methylphenol	0.391	0.378		-3.325	20.0
2-Methylnaphthalene	0.748	0.718		-4.011	
Hexachlorocyclopentadiene	0.234	0.214	0.050	-8.547	
2,4,6-Trichlorophenol	0.430	0.397		-7.674	20.0
2-Fluorobiphenyl	1.350	1.253		-7.185	
2,4,5-Trichlorophenol	0.473	0.450		-4.863	
1,1-Biphenyl	1.357	1.282		-5.527	

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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	1.137	1.083		-4.749	
2-Nitroaniline	0.399	0.402		0.752	
Dimethylphthalate	1.425	1.414		-0.772	
Acenaphthylene	1.605	1.568		-2.305	
2,6-Dinitrotoluene	0.304	0.307		0.987	
3-Nitroaniline	0.289	0.311		7.612	
Acenaphthene	0.994	0.982		-1.207	20.0
2,4-Dinitrophenol	0.186	0.182	0.050	-2.151	
4-Nitrophenol	0.219	0.246	0.050	12.329	
Dibenzofuran	1.752	1.739		-0.742	
2,4-Dinitrotoluene	0.435	0.468		7.586	
Diethylphthalate	1.464	1.511		3.21	
4-Chlorophenyl-phenylether	0.863	0.859		-0.463	
Fluorene	1.388	1.406		1.297	
4-Nitroaniline	0.319	0.354		10.972	
4,6-Dinitro-2-methylphenol	0.129	0.129		0.0	
n-Nitrosodiphenylamine	0.499	0.479		-4.008	20.0
Azobenzene	1.514	1.570		3.699	
2,4,6-Tribromophenol	0.340	0.335		-1.471	
4-Bromophenyl-phenylether	0.245	0.234		-4.49	
Hexachlorobenzene	0.284	0.270		-4.93	
Atrazine	0.229	0.186		-18.777	
Pentachlorophenol	0.141	0.141		0.0	20.0
Phenanthrene	0.970	0.951		-1.959	
Anthracene	0.952	0.941		-1.155	
Carbazole	0.896	0.901		0.558	
Di-n-butylphthalate	1.017	1.015		-0.197	
Fluoranthene	1.372	1.303		-5.029	20.0
Benzidine	0.308	0.188		-38.961	
Pyrene	1.186	1.172		-1.18	
Terphenyl-d14	0.972	0.906		-6.79	
Butylbenzylphthalate	0.382	0.385		0.785	
3,3-Dichlorobenzidine	0.467	0.445		-4.711	
Benzo(a)anthracene	1.259	1.206		-4.21	
Chrysene	1.183	1.139		-3.719	
Bis(2-ethylhexyl)phthalate	0.554	0.554		0.0	
Di-n-octyl phthalate	0.927	0.937		1.079	20.0
Benzo(b)fluoranthene	1.166	1.146		-1.715	
Benzo(k)fluoranthene	1.112	1.082		-2.698	

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Instrument ID: BNA_G Calibration Date/Time: 11/4/2024 1:10:44

Lab File ID: BG063150.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	1.018	0.986		-3.143	20.0
Indeno(1,2,3-cd)pyrene	1.342	1.322		-1.49	
Dibenzo(a,h)anthracene	1.120	1.107		-1.161	
Benzo(g,h,i)perylene	1.108	1.086		-1.986	
1,2,4,5-Tetrachlorobenzene	0.719	0.655		-8.901	
1,4-Dioxane	0.507	0.474		-6.509	20.0
2,3,4,6-Tetrachlorophenol	0.454	0.453		-0.22	
1-Methylnaphthalene	0.737	0.718		-2.578	

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.: BG110424 SAS No.: BG110424 SDG No.: BG110424

Instrument ID: BNA_G Calibration Date/Time: 11/4/2024 1: 20:05

Lab File ID: BG063163.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	0.760	0.744		-2.105	50.0
Pyridine	1.223	1.375		12.428	50.0
2-Fluorophenol	1.290	1.205		-6.589	50.0
Benzaldehyde	1.050	1.132		7.81	50.0
Aniline	1.520	1.466		-3.553	50.0
Phenol-d6	1.690	1.655		-2.071	50.0
Phenol	1.811	1.747		-3.534	50.0
bis(2-Chloroethyl) ether	1.221	1.199		-1.802	50.0
2-Chlorophenol	1.198	1.204		0.501	50.0
1,2-Dichlorobenzene	1.428	1.344		-5.882	50.0
1,3-Dichlorobenzene	1.453	1.349		-7.158	50.0
1,4-Dichlorobenzene	1.481	1.431		-3.376	50.0
Benzyl Alcohol	1.358	1.334		-1.767	50.0
2-Methylphenol	1.152	1.110		-3.646	50.0
2,2-oxybis(1-Chloropropane)	2.215	2.190		-1.129	50.0
Acetophenone	0.536	0.533		-0.56	50.0
3+4-Methylphenols	1.536	1.533		-0.195	50.0
n-Nitroso-di-n-propylamine	1.177	1.154	0.050	-1.954	50.0
Nitrobenzene-d5	0.460	0.446		-3.043	50.0
Hexachloroethane	0.530	0.529		-0.189	50.0
Nitrobenzene	0.497	0.478		-3.823	50.0
Isophorone	0.795	0.779		-2.013	50.0
2-Nitrophenol	0.183	0.175		-4.372	50.0
2,4-Dimethylphenol	0.225	0.231		2.667	50.0
bis(2-Chloroethoxy) methane	0.417	0.412		-1.199	50.0
2,4-Dichlorophenol	0.340	0.317		-6.765	50.0
1,2,4-Trichlorobenzene	0.418	0.394		-5.742	50.0
Benzoic acid	0.196	0.151		-22.959	50.0
Naphthalene	1.055	1.037		-1.706	50.0
4-Chloroaniline	0.356	0.361		1.404	50.0
Hexachlorobutadiene	0.344	0.325		-5.523	50.0
Caprolactam	0.108	0.101		-6.481	50.0
4-Chloro-3-methylphenol	0.391	0.372		-4.859	50.0
2-Methylnaphthalene	0.748	0.714		-4.545	50.0
Hexachlorocyclopentadiene	0.234	0.225	0.050	-3.846	50.0
2,4,6-Trichlorophenol	0.430	0.413		-3.953	50.0
2-Fluorobiphenyl	1.350	1.300		-3.704	50.0
2,4,5-Trichlorophenol	0.473	0.468		-1.057	50.0
1,1-Biphenyl	1.357	1.292		-4.79	50.0

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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	1.137	1.096		-3.606	50.0
2-Nitroaniline	0.399	0.396		-0.752	50.0
Dimethylphthalate	1.425	1.363		-4.351	50.0
Acenaphthylene	1.605	1.565		-2.492	50.0
2,6-Dinitrotoluene	0.304	0.297		-2.303	50.0
3-Nitroaniline	0.289	0.299		3.46	50.0
Acenaphthene	0.994	0.964		-3.018	50.0
2,4-Dinitrophenol	0.186	0.162	0.050	-12.903	50.0
4-Nitrophenol	0.219	0.241	0.050	10.046	50.0
Dibenzofuran	1.752	1.721		-1.769	50.0
2,4-Dinitrotoluene	0.435	0.441		1.379	50.0
Diethylphthalate	1.464	1.430		-2.322	50.0
4-Chlorophenyl-phenylether	0.863	0.841		-2.549	50.0
Fluorene	1.388	1.335		-3.818	50.0
4-Nitroaniline	0.319	0.330		3.448	50.0
4,6-Dinitro-2-methylphenol	0.129	0.126		-2.326	50.0
n-Nitrosodiphenylamine	0.499	0.496		-0.601	50.0
Azobenzene	1.514	1.494		-1.321	50.0
2,4,6-Tribromophenol	0.340	0.329		-3.235	50.0
4-Bromophenyl-phenylether	0.245	0.244		-0.408	50.0
Hexachlorobenzene	0.284	0.280		-1.408	50.0
Atrazine	0.229	0.186		-18.777	50.0
Pentachlorophenol	0.141	0.137		-2.837	50.0
Phenanthrene	0.970	0.967		-0.309	50.0
Anthracene	0.952	0.945		-0.735	50.0
Carbazole	0.896	0.921		2.79	50.0
Di-n-butylphthalate	1.017	1.048		3.048	50.0
Fluoranthene	1.372	1.440		4.956	50.0
Benzidine	0.308	0.471		52.922	50.0
Pyrene	1.186	1.161		-2.108	50.0
Terphenyl-d14	0.972	0.937		-3.601	50.0
Butylbenzylphthalate	0.382	0.393		2.88	50.0
3,3-Dichlorobenzidine	0.467	0.479		2.57	50.0
Benzo(a)anthracene	1.259	1.225		-2.701	50.0
Chrysene	1.183	1.154		-2.451	50.0
Bis(2-ethylhexyl)phthalate	0.554	0.550		-0.722	50.0
Di-n-octyl phthalate	0.927	0.937		1.079	50.0
Benzo(b)fluoranthene	1.166	1.100		-5.66	50.0
Benzo(k)fluoranthene	1.112	1.097		-1.349	50.0

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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	1.018	0.971		-4.617	50.0
Indeno(1,2,3-cd)pyrene	1.342	1.295		-3.502	50.0
Dibenzo(a,h)anthracene	1.120	1.090		-2.679	50.0
Benzo(g,h,i)perylene	1.108	1.060		-4.332	50.0
1,2,4,5-Tetrachlorobenzene	0.719	0.686		-4.59	50.0
1,4-Dioxane	0.507	0.496		-2.17	50.0
2,3,4,6-Tetrachlorophenol	0.454	0.424		-6.608	50.0
1-Methylnaphthalene	0.737	0.701		-4.885	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BG110424
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BG063151.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BG110424
Lab Sample ID:	PB164366BL	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
BG063151.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	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	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	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	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BG110424
Lab Sample ID:	PB164366BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BG063151.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

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	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	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	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	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	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.271		18-112		92	SPK: -150
13127-88-3	Phenol-d6	139.443		15-107		93	SPK: -150
4165-60-0	Nitrobenzene-d5	87.486		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	90.96		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164366BL	SDG No.:	BG110424
Lab Sample ID:	PB164366BL	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
BG063151.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.68		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	87.23		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104161	7.837				
1146-65-2	Naphthalene-d8	423720	10.628				
15067-26-2	Acenaphthene-d10	311717	14.476				
1517-22-2	Phenanthrene-d10	802930	17.226				
1719-03-5	Chrysene-d12	1006008	21.474				
1520-96-3	Perylene-d12	1102058	24.512				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown4.964	230	J			4.964	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063152.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	170	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	150	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	230	J	180	270	330	ug/Kg
62-53-3	Aniline	210		96.8	130	170	ug/Kg
108-95-2	Phenol	160	J	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	J	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	160	J	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	J	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	J	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	J	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	160	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	150	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170		90.8	130	170	ug/Kg
98-86-2	Acetophenone	160	J	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	150	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	160	J	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	160	J	90.7	130	170	ug/Kg
78-59-1	Isophorone	160	J	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	150	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	J	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	160	J	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	170		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	130	J	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063152.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	160	J	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	170		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	160	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	150	J	81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	160	J	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	160	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	85.5	130	170	ug/Kg
86-73-7	Fluorene	160	J	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	150	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	150	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	150	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	84.9	130	170	ug/Kg
1912-24-9	Atrazine	150	J	91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	160	J	83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063152.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	150	J	84.3	130	170	ug/Kg
86-74-8	Carbazole	160	J	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	150	J	81.6	130	170	ug/Kg
92-87-5	Benzidine	230	J	160	270	330	ug/Kg
129-00-0	Pyrene	160	J	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	80.6	130	170	ug/Kg
218-01-9	Chrysene	160	J	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	150	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	170		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.039	*	18-112			SPK: -0
13127-88-3	Phenol-d6	112.899	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	77.848	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	79.787	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	108.718	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	75.605	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063152.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110490	7.847				
1146-65-2	Naphthalene-d8	460110	10.632				
15067-26-2	Acenaphthene-d10	340534	14.475				
1517-22-2	Phenanthrene-d10	849679	17.224				
1719-03-5	Chrysene-d12	1058119	21.478				
1520-96-3	Perylene-d12	1173672	24.504				



Client:				Date Collected:	10/9/2024 12:00:00 AM	
Project:				Date Received:	10/9/2024 12:00:00 AM	
Client Sample ID:	LOQ-SOIL-02-QT4-2024			SDG No.:	BG110424	
Lab Sample ID:	P4368-02			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
BG063153.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	370		86.7	270	330	ug/Kg
110-86-1	Pyridine	340		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	490		180	270	330	ug/Kg
62-53-3	Aniline	470		96.8	130	170	ug/Kg
108-95-2	Phenol	370		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	380		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	390		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	360		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	360		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	360		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	370		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	350		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	410		90.8	130	170	ug/Kg
98-86-2	Acetophenone	380		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	370		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	370		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	360		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	330		90.7	130	170	ug/Kg
78-59-1	Isophorone	370		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	340		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	280		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	380		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	360		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	350		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	J	240	270	330	ug/Kg
91-20-3	Naphthalene	370		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	390		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	340		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063153.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	360		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	360		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	350		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	340		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	360		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	380		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	360		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	350		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	370		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	390		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	330		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	370		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	360		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	330		120	270	330	ug/Kg
132-64-9	Dibenzofuran	380		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	360		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	370		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	370		85.5	130	170	ug/Kg
86-73-7	Fluorene	360		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	370		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	370		81.5	130	170	ug/Kg
103-33-3	Azobenzene	390		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	360		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	340		84.9	130	170	ug/Kg
1912-24-9	Atrazine	370		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	260	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	370		83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063153.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	360		84.3	130	170	ug/Kg
86-74-8	Carbazole	350		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	350		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	340		81.6	130	170	ug/Kg
92-87-5	Benzidine	380		160	270	330	ug/Kg
129-00-0	Pyrene	370		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	370		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	380		80.6	130	170	ug/Kg
218-01-9	Chrysene	380		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	360		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	380		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	360		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	360		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	330		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	340		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.218	*	18-112			SPK: -0
13127-88-3	Phenol-d6	114.281	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	80.182	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	80.116	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	110.278	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	77.469	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063153.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110241	7.841				
1146-65-2	Naphthalene-d8	449976	10.631				
15067-26-2	Acenaphthene-d10	339556	14.474				
1517-22-2	Phenanthrene-d10	847739	17.224				
1719-03-5	Chrysene-d12	961496	21.477				
1520-96-3	Perylene-d12	1062308	24.509				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063154.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.3	J	1	8	10	ug/L
110-86-1	Pyridine	4.6	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	6	J	4	8	10	ug/L
62-53-3	Aniline	5.4		1.6	4	5	ug/L
108-95-2	Phenol	4.7	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.4	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4.7	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	4.3	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4.3	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	4.8	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4.5	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5		1.4	4	5	ug/L
98-86-2	Acetophenone	4.7	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	4.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.8	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.4	J	1.3	4	5	ug/L
78-59-1	Isophorone	4.7	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	4.2	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.8	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.5	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	4.4	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.7	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	4.7	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	5.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063154.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	4.9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.5	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.7	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	4.2	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.4	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	5		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	4.3	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.3	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.5	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.8	J	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	3.7	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.7	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.4	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.6	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.7	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	4.5	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	4.7	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.9	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.7	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.5	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.5	J	1.3	4	5	ug/L
87-86-5	Pentachlorophenol	2	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	5		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063154.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	4.8	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.6	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	4.4	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.5	J	1.3	4	5	ug/L
92-87-5	Benidine	7.1	J	4.1	8	10	ug/L
129-00-0	Pyrene	4.8	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.5	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.6	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	5		0.94	4	5	ug/L
218-01-9	Chrysene	4.7	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.5	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.5	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.5	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.9	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.9	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.8	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.7	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.4	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.8	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	5.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.9	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4.1	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	100.929	*	10-139			SPK: -0
13127-88-3	Phenol-d6	108.06	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	79.805	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	79.596	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	113.77	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	76.07	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063154.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126208	7.841				
1146-65-2	Naphthalene-d8	496459	10.632				
15067-26-2	Acenaphthene-d10	381794	14.475				
1517-22-2	Phenanthrene-d10	948058	17.224				
1719-03-5	Chrysene-d12	1071707	21.472				
1520-96-3	Perylene-d12	1197535	24.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063155.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.8		1	8	10	ug/L
110-86-1	Pyridine	10.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.2		4	8	10	ug/L
62-53-3	Aniline	14.5		1.6	4	5	ug/L
108-95-2	Phenol	11.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	11.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	10.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	10.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	10.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	12.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	10.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12.2		1.4	4	5	ug/L
98-86-2	Acetophenone	11.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	10.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	11.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	11.5		1	4	5	ug/L
98-95-3	Nitrobenzene	10.8		1.3	4	5	ug/L
78-59-1	Isophorone	11		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	10.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	8.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	11.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	10.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	10.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	9.9	J	5.5	8	10	ug/L
91-20-3	Naphthalene	10.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	12.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	9.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063155.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	11.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	9.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	10.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.1	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	9.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	11.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	10.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	11.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	10.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	11.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	10.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	11.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	10.9		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	11.3		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	9.4	J	2	8	10	ug/L
132-64-9	Dibenzofuran	11.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	9.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	11		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11.1		0.98	4	5	ug/L
86-73-7	Fluorene	11.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	10.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	11		0.89	4	5	ug/L
103-33-3	Azobenzene	11.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	10.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	10.6		1.1	4	5	ug/L
1912-24-9	Atrazine	11		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	8.3	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	11.4		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063155.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	11.2		1.1	4	5	ug/L
86-74-8	Carbazole	10.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	10.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	10.4		1.3	4	5	ug/L
92-87-5	Benzidine	11.4		4.1	8	10	ug/L
129-00-0	Pyrene	11.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	10.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	10.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	11		0.94	4	5	ug/L
218-01-9	Chrysene	11		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	10.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	11.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	11.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	11.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	11.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	10.3		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	11.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	10.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103.434	*	10-139			SPK: -0
13127-88-3	Phenol-d6	115.629	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	77.64	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	80.482	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	112.028	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	76.7	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063155.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109486	7.846				
1146-65-2	Naphthalene-d8	469376	10.631				
15067-26-2	Acenaphthene-d10	359319	14.474				
1517-22-2	Phenanthrene-d10	883268	17.224				
1719-03-5	Chrysene-d12	997908	21.478				
1520-96-3	Perylene-d12	1085621	24.503				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063156.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.3	J	1	8	10	ug/L
110-86-1	Pyridine	6.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11		4	8	10	ug/L
62-53-3	Aniline	10.5		1.6	4	5	ug/L
108-95-2	Phenol	8.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	9.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	9.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	9	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.7		1.4	4	5	ug/L
98-86-2	Acetophenone	9.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8.9	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.9		1	4	5	ug/L
98-95-3	Nitrobenzene	8.3		1.3	4	5	ug/L
78-59-1	Isophorone	9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	8.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	6.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	9.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	8.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	8.1	J	5.5	8	10	ug/L
91-20-3	Naphthalene	9		1	4	5	ug/L
106-47-8	4-Chloroaniline	10.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063156.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9.3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	6.4	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	8.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	9.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	8.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	9.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	8.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	8.3		0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	11.2		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	8.2	J	2	8	10	ug/L
132-64-9	Dibenzofuran	9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	8.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	8.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.6		0.98	4	5	ug/L
86-73-7	Fluorene	8.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	8.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.2	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.7		0.89	4	5	ug/L
103-33-3	Azobenzene	9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8.6		1.1	4	5	ug/L
1912-24-9	Atrazine	8.8		1.3	4	5	ug/L
87-86-5	Pentachlorophenol	5.9	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	9.3		0.89	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063156.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	9.2		1.1	4	5	ug/L
86-74-8	Carbazole	9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	9.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	9.2		1.3	4	5	ug/L
92-87-5	Benzidine	9.4	J	4.1	8	10	ug/L
129-00-0	Pyrene	8.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	8.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	9		0.94	4	5	ug/L
218-01-9	Chrysene	8.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	8.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	9.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	9.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	9.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	8.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	7.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	80.681	*	10-139			SPK: -0
13127-88-3	Phenol-d6	89.645	*	10-134			SPK: -0
4165-60-0	Nitrobenzene-d5	64.176	*	49-133			SPK: -0
321-60-8	2-Fluorobiphenyl	64.45	*	52-132			SPK: -0
118-79-6	2,4,6-Tribromophenol	90.663	*	44-137			SPK: -0
1718-51-0	Terphenyl-d14	64.099	*	48-125			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-WATER-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-08	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
BG063156.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106231	7.837				
1146-65-2	Naphthalene-d8	423141	10.628				
15067-26-2	Acenaphthene-d10	331484	14.476				
1517-22-2	Phenanthrene-d10	832238	17.226				
1719-03-5	Chrysene-d12	1063143	21.48				
1520-96-3	Perylene-d12	1141865	24.511				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	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
BG063157.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	270		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	400		180	270	330	ug/Kg
62-53-3	Aniline	380		96.8	130	170	ug/Kg
108-95-2	Phenol	310		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	310		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	280		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	290		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	310	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	270		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310		90.8	130	170	ug/Kg
98-86-2	Acetophenone	290		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	290	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	300		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	290		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	280		90.7	130	170	ug/Kg
78-59-1	Isophorone	290		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	300		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	220		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	310		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	280		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	250	J	240	270	330	ug/Kg
91-20-3	Naphthalene	300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	330		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	260		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063157.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	320	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	290		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	290		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	290		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	300		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	290		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	320		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	280		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	300		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	280		81	130	170	ug/Kg
51-28-5	2,4-Dinitrophenol	410		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	290	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	310		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	300		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	280		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290		85.5	130	170	ug/Kg
86-73-7	Fluorene	280		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	310		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	300		81.5	130	170	ug/Kg
103-33-3	Azobenzene	300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	290		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	270		84.9	130	170	ug/Kg
1912-24-9	Atrazine	300		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	190	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	300		83.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063157.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
120-12-7	Anthracene	300		84.3	130	170	ug/Kg
86-74-8	Carbazole	300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	290		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	300		81.6	130	170	ug/Kg
92-87-5	Benzidine	300	J	160	270	330	ug/Kg
129-00-0	Pyrene	270		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	290		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	300		80.6	130	170	ug/Kg
218-01-9	Chrysene	300		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	290	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	320		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	290		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	280		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.745	*	18-112			SPK: -0
13127-88-3	Phenol-d6	92.873	*	15-107			SPK: -0
4165-60-0	Nitrobenzene-d5	63.804	*	18-107			SPK: -0
321-60-8	2-Fluorobiphenyl	66.162	*	20-109			SPK: -0
118-79-6	2,4,6-Tribromophenol	91.123	*	10-116			SPK: -0
1718-51-0	Terphenyl-d14	61.421	*	10-105			SPK: -0

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOQ-SOIL-02-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-02	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
BG063157.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97133	7.842				
1146-65-2	Naphthalene-d8	390749	10.627				
15067-26-2	Acenaphthene-d10	301715	14.476				
1517-22-2	Phenanthrene-d10	789709	17.226				
1719-03-5	Chrysene-d12	1073711	21.479				
1520-96-3	Perylene-d12	1157175	24.517				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063158.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	150	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	210	J	180	270	330	ug/Kg
62-53-3	Aniline	180		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	150	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	160	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	140	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	140	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)	160	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	160	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	150	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	160		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	120	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	140	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	150	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	150	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	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	150	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063158.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	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	140	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	130	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	150	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	140	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	140	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	2330	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	130	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	150	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	J	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	140	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	140	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	130	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	160	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	150	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	85	130	170	ug/Kg
1912-24-9	Atrazine	150	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063158.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

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	150	J	84	130	170	ug/Kg
120-12-7	Anthracene	160	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	150	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	150	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	260	J	160	270	330	ug/Kg
129-00-0	Pyrene	150	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	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	140	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	130	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	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	140	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	150	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	180		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	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	124.129		18-112		83	SPK: -150
13127-88-3	Phenol-d6	129.543		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	95.767		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	91.198		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063158.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.364		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	83.656		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91670	7.841				
1146-65-2	Naphthalene-d8	351543	10.632				
15067-26-2	Acenaphthene-d10	278217	14.475				
1517-22-2	Phenanthrene-d10	675618	17.225				
1719-03-5	Chrysene-d12	854130	21.473				
1520-96-3	Perylene-d12	948511	24.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063159.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	320		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	380		180	270	330	ug/Kg
62-53-3	Aniline	400		96.9	130	170	ug/Kg
108-95-2	Phenol	300		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	310		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	290		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	250		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	270		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	300	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	310		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320		90.9	130	170	ug/Kg
98-86-2	Acetophenone	300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	290	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	310		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	300		83	130	170	ug/Kg
98-95-3	Nitrobenzene	270		90.8	130	170	ug/Kg
78-59-1	Isophorone	310		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	270		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	300		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	280		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	290		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	320		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	260		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063159.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	280		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	290		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	280		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	300		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	330		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	280		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	310		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	300		81.1	130	170	ug/Kg
Total PAH	Total PAH	4770		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	270	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	310		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	660		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	280		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	300		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290		85.6	130	170	ug/Kg
86-73-7	Fluorene	280		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	300		81.6	130	170	ug/Kg
103-33-3	Azobenzene	300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	290		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	280		85	130	170	ug/Kg
1912-24-9	Atrazine	270		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-01	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
BG063159.D	1	10/24/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.518		10-116		88	SPK: -150
1718-51-0	Terphenyl-d14	90.279		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89178	7.841				
1146-65-2	Naphthalene-d8	366616	10.632				
15067-26-2	Acenaphthene-d10	275520	14.475				
1517-22-2	Phenanthrene-d10	693636	17.224				
1719-03-5	Chrysene-d12	861025	21.472				
1520-96-3	Perylene-d12	968772	24.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063160.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5	J	1	8	10	ug/L
110-86-1	Pyridine	4.5	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	6	J	4	8	10	ug/L
62-53-3	Aniline	5.9		1.6	4	5	ug/L
108-95-2	Phenol	4.3	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.3	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4.8	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	4.5	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4.1	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	4.5	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	4.9	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4.3	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.2		1.4	4	5	ug/L
98-86-2	Acetophenone	4.6	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	4.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.3	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.5	J	1.3	4	5	ug/L
78-59-1	Isophorone	4.4	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.9	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	4.3	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.5	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.9	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	4.4	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	4.5	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.3	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063160.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.6	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.8	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.4	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	4	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.4	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.7	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.3	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.4	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.9	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.5	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	4.1	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.7	J	0.81	4	5	ug/L
Total PAH	Total PAH	71.1	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	3.3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.8	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	J	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	8.6	J	2.7	4	10	ug/L
84-66-2	Diethylphthalate	4.4	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.5	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.5	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	4.2	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	4.3	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.6	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.5	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.3	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063160.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

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	4.6	J	0.89	4	5	ug/L
120-12-7	Anthracene	4.7	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.4	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	4.2	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.3	J	1.3	4	5	ug/L
92-87-5	Benzidine	8.1	J	4.1	8	10	ug/L
129-00-0	Pyrene	4.4	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.2	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.5	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.7	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.1	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4	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	4.6	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	3.9	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.6	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	5.5		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	4.2	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.99		10-139		85	SPK: -150
13127-88-3	Phenol-d6	133.699		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.325		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	95.498		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063160.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.836		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	84.402		48-125		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92632	7.843				
1146-65-2	Naphthalene-d8	377891	10.634				
15067-26-2	Acenaphthene-d10	273829	14.477				
1517-22-2	Phenanthrene-d10	698517	17.227				
1719-03-5	Chrysene-d12	839683	21.474				
1520-96-3	Perylene-d12	944430	24.506				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063161.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9.1	J	1	8	10	ug/L
110-86-1	Pyridine	8.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.3		4	8	10	ug/L
62-53-3	Aniline	11.3		1.6	4	5	ug/L
108-95-2	Phenol	8.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8.7	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.7		1.4	4	5	ug/L
98-86-2	Acetophenone	9.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8.6	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	9.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.6		1	4	5	ug/L
98-95-3	Nitrobenzene	8.5		1.3	4	5	ug/L
78-59-1	Isophorone	8.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	8.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	9.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	9.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	8.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	8.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	9.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063161.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	8.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.3	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	9.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	8.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	8.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	8.5		0.81	4	5	ug/L
Total PAH	Total PAH	142.5		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	6.8	J	2	8	10	ug/L
132-64-9	Dibenzofuran	9.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	8.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.7		0.98	4	5	ug/L
86-73-7	Fluorene	8.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	7.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.4	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.7		0.89	4	5	ug/L
103-33-3	Azobenzene	8.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8.3		1.1	4	5	ug/L
1912-24-9	Atrazine	8.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BG063161.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4.3	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	9.3		0.89	4	5	ug/L
120-12-7	Anthracene	9.6		1.1	4	5	ug/L
86-74-8	Carbazole	8.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	8.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	8.3		1.3	4	5	ug/L
92-87-5	Benzidine	15.6		4.1	8	10	ug/L
129-00-0	Pyrene	9.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	8.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.4	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	9.4		0.94	4	5	ug/L
218-01-9	Chrysene	9.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	8.4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	9.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	9.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.803		10-139		76	SPK: -150
13127-88-3	Phenol-d6	128.4		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	90.172		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.435		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT4-2024	SDG No.:	BG110424
Lab Sample ID:	P4368-07	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
BG063161.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.174		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	91.697		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99042	7.847				
1146-65-2	Naphthalene-d8	398884	10.632				
15067-26-2	Acenaphthene-d10	312118	14.474				
1517-22-2	Phenanthrene-d10	764516	17.224				
1719-03-5	Chrysene-d12	852530	21.472				
1520-96-3	Perylene-d12	981341	24.504				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BG110424
Lab Sample ID:	PB164369BL	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
BG063162.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BG110424
Lab Sample ID:	PB164369BL	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
BG063162.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	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	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	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	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BG110424
Lab Sample ID:	PB164369BL	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
BG063162.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

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	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.883		10-139		91	SPK: -150
13127-88-3	Phenol-d6	137.256		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	89.459		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.396		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	PB164369BL	SDG No.:	BG110424
Lab Sample ID:	PB164369BL	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
BG063162.D	1	10/23/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.696		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	90.447		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109664	7.846				
1146-65-2	Naphthalene-d8	439168	10.631				
15067-26-2	Acenaphthene-d10	330920	14.474				
1517-22-2	Phenanthrene-d10	870114	17.224				
1719-03-5	Chrysene-d12	988726	21.471				
1520-96-3	Perylene-d12	1126308	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.2	A			4.967	

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : LOD-MDL-SOIL-01-QT4-2024								
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	150.000	J	87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	140.000	J	85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	140.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	140.000	J	86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	140.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	180.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	140.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	160.000	J	90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	120.000	J	74.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	140.000	J	74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	120.000	J	71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	140.000	J	75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	150.000	J	93.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	130.000	J	86.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	120.000	J	83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	140.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	160.000	J	83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	150.000	J	82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	130.000	J	80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	130.000	J	95	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	140.000	J	94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	150.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	140.000	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	140.000	J	89.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	150.000	J	78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	130.000	J	77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	150.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	140.000	J	85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitroaniline	130.000	J	110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitrophenol	130.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	140.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	150.000	J	86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	160.000	J	86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	180.000		96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	160.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	150.000	J	91.4	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	140.000	J	79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	210.000	J	180	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzidine	260.000	J	160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	150.000	J	80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	150.000	J	93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	140.000	J	81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	130.000	J	80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	150.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	140.000	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	150.000	J	85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	150.000	J	83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	91	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	140.000	J	96.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	140.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	150.000	J	80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	140.000	J	79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	150.000	J	84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-octyl phthalate	130.000	J	110	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	140.000	J	81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	150.000	J	84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	140.000	J	80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	150.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	150.000	J	81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	140.000	J	85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	150.000	J	85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	150.000	J	83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	120.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	150.000	J	84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	160.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	150.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	160.000	J	81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	150.000	J	82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	140.000	J	90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	150.000	J	84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	140.000	J	82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	150.000	J	83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	150.000	J	79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	250.000	J	169.4	340	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	2,330.000	J	1325.1	2720	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,1-Biphenyl	300.000		87.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4,5-Tetrachlorobenzene	300.000		86.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2,4-Trichlorobenzene	280.000		85.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,2-Dichlorobenzene	290.000		84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,3-Dichlorobenzene	250.000		86	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dichlorobenzene	270.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1,4-Dioxane	300.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	1-Methylnaphthalene	270.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,2-oxybis(1-Chloropropane)	320.000		90.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,3,4,6-Tetrachlorophenol	250.000		74.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,5-Trichlorophenol	260.000		74	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4,6-Trichlorophenol	270.000		71.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dichlorophenol	280.000		75.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dimethylphenol	300.000		93.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene	280.000		86.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,6-Dinitrotoluene	280.000		83.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chloronaphthalene	290.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Chlorophenol	310.000		83.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylnaphthalene	280.000		82.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Methylphenol	310.000		80.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitroaniline	280.000		95	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2-Nitrophenol	270.000		94.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3+4-Methylphenols	290.000	J	79.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3,3-Dichlorobenzidine	310.000	J	98.6	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	3-Nitroaniline	310.000		89.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4,6-Dinitro-2-methylphenol	220.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Bromophenyl-phenylether	290.000		78.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloro-3-methylphenol	270.000		77.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chloroaniline	320.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Chlorophenyl-phenylether	290.000		85.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitroaniline	300.000		110	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	4-Nitrophenol	270.000	J	120	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthene	300.000		81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acenaphthylene	330.000		86.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Acetophenone	300.000		86.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Aniline	400.000		96.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Anthracene	320.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Atrazine	270.000		91.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Azobenzene	300.000		79.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzaldehyde	380.000		180	330	ug/Kg

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SDG No.: BG110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzidine	520.000		160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)anthracene	300.000		80.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(a)pyrene	300.000		93	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(g,h,i)perylene	270.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzo(k)fluoranthene	310.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Benzyl Alcohol	300.000	J	83	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethoxy)methane	290.000		85.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	bis(2-Chloroethyl)ether	280.000		83.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Bis(2-ethylhexyl)phthalate	280.000		91	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Butylbenzylphthalate	270.000		96.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Caprolactam	280.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Carbazole	310.000		80.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Chrysene	300.000		79.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-butylphthalate	290.000		84.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Di-n-octyl phthalate	280.000	J	110	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzo(a,h)anthracene	290.000		81.2	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dibenzofuran	310.000		84.4	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Diethylphthalate	300.000		80.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Dimethylphthalate	300.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluoranthene	310.000		81.7	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Fluorene	280.000		85.5	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobenzene	280.000		85	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorobutadiene	260.000		83.3	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachlorocyclopentadiene	300.000	J	160	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Hexachloroethane	300.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Indeno(1,2,3-cd)pyrene	290.000		78.1	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Isophorone	310.000		84.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitroso-di-n-propylamine	310.000		40.3	80	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodimethylamine	290.000	J	86.8	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	n-Nitrosodiphenylamine	300.000		81.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Naphthalene	290.000		82.6	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Nitrobenzene	270.000		90.8	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pentachlorophenol	150.000	J	77.3	330	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenanthrene	310.000		84	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Phenol	300.000		82.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyrene	300.000		83	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Pyridine	320.000		79.9	170	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	560.000		169.4	340	ug/Kg
P4368-01	LOD-MDL-SOIL-01-QT	Solid	Total PAH	4,770.000		1325.1	2720	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	41,840.00				
			Total Concentration:	41,840.00				
Client ID : LOD-MDL-WATER-01-QT4-2024								
P4368-07	LOD-MDL-WATER-01-C	Water	1,1-Biphenyl	4.700	J	0.91	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2,4,5-Tetrachlorobenzene	4.600	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2,4-Trichlorobenzene	4.200	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,2-Dichlorobenzene	4.500	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,3-Dichlorobenzene	4.100	J	0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,4-Dichlorobenzene	4.500	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1,4-Dioxane	5.500		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	1-Methylnaphthalene	4.200	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,2-oxybis(1-Chloropropane)	5.200		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,3,4,6-Tetrachlorophenol	3.600	J	0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,4,5-Trichlorophenol	3.400	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,4,6-Trichlorophenol	4.000	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,4-Dichlorophenol	3.900	J	0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,4-Dimethylphenol	4.300	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,4-Dinitrotoluene	4.100	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2,6-Dinitrotoluene	4.500	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Chloronaphthalene	4.300	J	0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Chlorophenol	4.800	J	0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Methylnaphthalene	4.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Methylphenol	4.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Nitroaniline	4.200	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	2-Nitrophenol	3.900	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	3+4-Methylphenols	4.300	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	3,3-Dichlorobenzidine	4.500	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	3-Nitroaniline	4.100	J	1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Bromophenyl-phenylether	4.500	J	0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Chloro-3-methylphenol	3.800	J	0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Chloroaniline	4.500	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Chlorophenyl-phenylether	4.500	J	0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Nitroaniline	4.200	J	2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	4-Nitrophenol	3.300	J	2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Acenaphthene	4.700	J	0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Acenaphthylene	4.900	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Acetophenone	4.600	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Aniline	5.900		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Anthracene	4.700	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C	Water	Atrazine	4.000	J	1.3	5	ug/L

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SDG No.: BG110424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	4.600	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	6.000	J	4	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzidine	8.100	J	4.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	4.500	J	0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	4.600	J	1.7	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	4.000	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	3.900	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	4.500	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	4.900	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	4.500	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	4.300	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	4.100	J	1.9	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	4.200	J	2.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	3.600	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	4.400	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	4.700	J	0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	4.200	J	1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	4.000	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	4.200	J	1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	4.800	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	4.400	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	4.400	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	4.300	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	4.500	J	0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	4.300	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	4.300	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	4.300	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	4.200	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	4.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	4.800		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	5.000	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	4.300	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	4.400	J	1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	4.500	J	1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	4.600	J	0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	4.300	J	0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	4.400	J	1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	4.500	J	1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	8.600	J	2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	71.100	J	17.36	80	ug/L

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	1,1-Biphenyl	8.700		0.91	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4,5-Tetrachlorobenzene	8.300		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2,4-Trichlorobenzene	8.200		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,2-Dichlorobenzene	8.100		0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,3-Dichlorobenzene	8.000		0.8	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dichlorobenzene	8.100		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1,4-Dioxane	8.800		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	1-Methylnaphthalene	8.000		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,2-oxybis(1-Chloropropane)	9.700		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,3,4,6-Tetrachlorophenol	7.700		0.79	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,5-Trichlorophenol	8.100		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4,6-Trichlorophenol	8.100		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dichlorophenol	8.600		0.88	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dimethylphenol	9.400		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene	8.000		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,6-Dinitrotoluene	8.100		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chloronaphthalene	8.200		0.97	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Chlorophenol	8.300		0.71	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylnaphthalene	8.800		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Methylphenol	8.500		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitroaniline	7.900		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2-Nitrophenol	8.200		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3+4-Methylphenols	8.600	J	1.2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3,3-Dichlorobenzidine	9.400	J	1.3	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	3-Nitroaniline	8.600		1.4	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4,6-Dinitro-2-methylphenol	6.400	J	3.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Bromophenyl-phenylether	8.800		0.95	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloro-3-methylphenol	8.200		0.84	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chloroaniline	9.700		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Chlorophenyl-phenylether	8.700		0.98	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitroaniline	7.800		2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	4-Nitrophenol	6.800	J	2	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthene	8.500		0.81	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acenaphthylene	9.500		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Acetophenone	9.200		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Aniline	11.300		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Anthracene	9.600		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Atrazine	8.900		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Azobenzene	8.900		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzaldehyde	11.300		4	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-07	LOD-MDL-WATER-01-C Water	Benzidine	15.600		4.1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)anthracene	9.400		0.94	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(a)pyrene	9.100		1.7	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(b)fluoranthene	8.400		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(g,h,i)perylene	8.000		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzo(k)fluoranthene	9.100		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Benzyl Alcohol	8.700	J	1.6	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethoxy)methane	9.300		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	bis(2-Chloroethyl)ether	8.600		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Bis(2-ethylhexyl)phthalate	8.400		1.9	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Butylbenzylphthalate	8.400		2.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Caprolactam	8.300	J	1.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Carbazole	8.600		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Chrysene	9.100		0.86	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-butylphthalate	8.300		1.5	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Di-n-octyl phthalate	8.400	J	2.5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzo(a,h)anthracene	8.800		1.2	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dibenzofuran	9.200		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Diethylphthalate	8.500		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Dimethylphthalate	8.800		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluoranthene	8.300		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Fluorene	8.800		0.96	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobenzene	8.300		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorobutadiene	8.200		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachlorocyclopentadiene	8.300	J	5	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Hexachloroethane	8.600		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Indeno(1,2,3-cd)pyrene	8.900		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Isophorone	8.700		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitroso-di-n-propylamine	9.800		1.5	2.5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodimethylamine	9.100	J	1	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	n-Nitrosodiphenylamine	8.700		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Naphthalene	8.600		1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Nitrobenzene	8.500		1.3	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pentachlorophenol	4.300	J	1.9	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenanthrene	9.300		0.89	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Phenol	8.900		0.93	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyrene	9.100		1.1	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Pyridine	8.900		1.6	5	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	16.100		2.7	10	ug/L
P4368-07	LOD-MDL-WATER-01-C Water	Total PAH	142.000		17.36	80	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BG110424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :		1,249.80			
		Total Concentration:		1,249.80			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG103124 SAS No.: BG103124 SDG No.: BG103124
Instrument ID: _____ Calibration Date(s): 10/31/2024
Calibration Time(s): 12:14

LAB FILE ID:		RRF2.5 = BG063129.D			RRF005 = BG063130.D		RRF010 = BG063131.D	
		RRF020 = BG063132.D			RRF040 = BG063133.D		RRF050 = BG063134.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.737	0.793	0.729	0.841	0.785	0.760	8.8
Pyridine		1.469	1.308	1.341	1.269	1.141	1.223	14.2
2-Fluorophenol		1.634	1.257	1.271	1.230	1.181	1.290	12.0
Benzaldehyde		1.253	1.189	1.159	1.063	0.918	1.050	15.0
Aniline		1.622	1.650	1.627	1.532	1.398	1.520	7.9
Phenol-d6		1.637	1.780	1.738	1.693	1.592	1.690	3.8
Phenol		1.832	1.886	1.854	1.786	1.712	1.811	3.1
bis(2-Chloroethyl)ether		1.271	1.267	1.266	1.207	1.134	1.221	4.3
2-Chlorophenol		1.148	1.239	1.245	1.201	1.142	1.198	3.5
1,2-Dichlorobenzene		1.531	1.510	1.415	1.404	1.356	1.428	4.7
1,3-Dichlorobenzene		1.528	1.529	1.489	1.438	1.351	1.453	4.5
1,4-Dichlorobenzene		1.523	1.538	1.566	1.457	1.414	1.481	4.1
Benzyl Alcohol		1.251	1.261	1.437	1.393	1.337	1.358	5.6
2-Methylphenol		1.251	1.122	1.196	1.130	1.085	1.152	4.8
2,2-oxybis(1-Chloropropane)		2.223	2.369	2.364	2.184	2.072	2.215	5.1
Acetophenone		0.474	0.555	0.554	0.543	0.555	0.536	5.4
3+4-Methylphenols		1.429	1.581	1.621	1.549	1.460	1.536	4.6
n-Nitroso-di-n-propylamine	1.004	1.219	1.277	1.230	1.174	1.146	1.177	6.9
Nitrobenzene-d5		0.478	0.460	0.457	0.452	0.464	0.460	2.0
Hexachloroethane		0.547	0.564	0.523	0.539	0.496	0.530	4.2
Nitrobenzene		0.508	0.503	0.512	0.488	0.488	0.497	2.1
Isophorone		0.778	0.805	0.821	0.802	0.795	0.795	2.1
2-Nitrophenol		0.191	0.178	0.176	0.180	0.192	0.183	3.6
2,4-Dimethylphenol		0.218	0.227	0.230	0.221	0.227	0.225	2.2
bis(2-Chloroethoxy)methane		0.432	0.417	0.423	0.414	0.418	0.417	2.2
2,4-Dichlorophenol		0.338	0.335	0.339	0.341	0.344	0.340	0.9
1,2,4-Trichlorobenzene		0.421	0.403	0.430	0.418	0.419	0.418	1.9
Benzoic acid			0.140	0.170	0.202	0.220	0.196	17.3
Naphthalene		1.056	1.065	1.088	1.054	1.063	1.055	2.1
4-Chloroaniline		0.382	0.348	0.377	0.363	0.365	0.356	6.4
Hexachlorobutadiene		0.345	0.334	0.351	0.345	0.347	0.344	1.7
Caprolactam		0.108	0.115	0.109	0.111	0.107	0.108	3.2
4-Chloro-3-methylphenol		0.422	0.382	0.404	0.383	0.393	0.391	4.3
2-Methylnaphthalene		0.802	0.779	0.757	0.722	0.732	0.748	4.3
Hexachlorocyclopentadiene			0.184	0.204	0.240	0.254	0.234	13.9
2,4,6-Trichlorophenol		0.408	0.420	0.420	0.445	0.434	0.430	3.7

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.: BG103124

SAS No.: BG103124

SDG No.: BG103124

Instrument ID:

Calibration Date(s): 10/31/2024

Calibration Time(s): 12:14

LAB FILE ID:		RRF2.5 = BG063129.D			RRF005 = BG063130.D		RRF010 = BG063131.D	
		RRF020 = BG063132.D			RRF040 = BG063133.D		RRF050 = BG063134.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.422	1.369	1.397	1.350	1.327	1.350	4.3
2,4,5-Trichlorophenol		0.420	0.464	0.492	0.486	0.493	0.473	5.5
1,1-Biphenyl		1.437	1.357	1.388	1.342	1.315	1.357	3.7
2-Chloronaphthalene		1.252	1.115	1.146	1.110	1.108	1.137	4.9
2-Nitroaniline		0.367	0.389	0.402	0.414	0.411	0.399	4.3
Dimethylphthalate		1.497	1.463	1.449	1.383	1.416	1.425	3.8
Acenaphthylene		1.670	1.660	1.620	1.570	1.586	1.605	3.1
2,6-Dinitrotoluene		0.289	0.314	0.303	0.302	0.315	0.304	3.1
3-Nitroaniline		0.307	0.311	0.285	0.293	0.294	0.289	6.1
Acenaphthene		1.088	1.005	0.977	0.976	0.970	0.994	4.7
2,4-Dinitrophenol			0.127	0.166	0.191	0.217	0.186	18.4
4-Nitrophenol		0.180	0.215	0.219	0.222	0.240	0.219	8.6
Dibenzofuran		1.861	1.761	1.782	1.714	1.738	1.752	3.5
2,4-Dinitrotoluene		0.401	0.435	0.428	0.432	0.461	0.435	4.6
Diethylphthalate		1.480	1.536	1.468	1.458	1.485	1.464	3.4
4-Chlorophenyl-phenylether		0.886	0.879	0.850	0.853	0.865	0.863	2.7
Fluorene		1.433	1.418	1.407	1.376	1.387	1.388	3.0
4-Nitroaniline		0.305	0.319	0.334	0.312	0.338	0.319	4.1
4,6-Dinitro-2-methylphenol		0.112	0.116	0.130	0.128	0.136	0.129	8.2
n-Nitrosodiphenylamine		0.535	0.483	0.522	0.482	0.478	0.499	4.5
Azobenzene		1.568	1.527	1.539	1.493	1.529	1.514	3.0
2,4,6-Tribromophenol		0.342	0.336	0.325	0.334	0.354	0.340	2.9
4-Bromophenyl-phenylether		0.247	0.237	0.239	0.240	0.234	0.245	4.2
Hexachlorobenzene		0.283	0.273	0.293	0.279	0.277	0.284	3.0
Atrazine		0.237	0.205	0.183	0.183	0.234	0.229	18.6
Pentachlorophenol		0.096	0.119	0.136	0.149	0.159	0.141	18.3
Phenanthrene		1.033	0.979	0.997	0.937	0.956	0.970	4.0
Anthracene		1.003	0.951	0.976	0.934	0.938	0.952	3.4
Carbazole		1.013	0.897	0.916	0.850	0.889	0.896	6.6
Di-n-butylphthalate		1.159	1.020	1.071	0.964	0.995	1.017	7.5
Fluoranthene		1.669	1.380	1.496	1.275	1.315	1.372	11.8
Benzidine			0.446	0.384	0.261	0.194	0.308	29.6
Pyrene		1.148	1.289	1.187	1.220	1.172	1.186	4.9
Terphenyl-d14		1.023	1.124	1.039	0.997	0.916	0.972	10.9
Butylbenzylphthalate		0.379	0.378	0.387	0.386	0.376	0.382	1.1
3,3-Dichlorobenzidine		0.495	0.486	0.487	0.463	0.435	0.467	4.9

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.: BG103124 SAS No.: BG103124 SDG No.: BG103124
Instrument ID: _____ Calibration Date(s): 10/31/2024 _____
Calibration Time(s): 12:14 _____

LAB FILE ID:		RRF2.5 = BG063129.D			RRF005 = BG063130.D		RRF010 = BG063131.D	
		RRF020 = BG063132.D			RRF040 = BG063133.D		RRF050 = BG063134.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.392	1.277	1.271	1.261	1.209	1.259	5.4
Chrysene		1.259	1.225	1.207	1.193	1.141	1.183	4.5
Bis(2-ethylhexyl)phthalate		0.577	0.541	0.558	0.557	0.538	0.554	2.4
Di-n-octyl phthalate		0.955	0.907	0.926	0.930	0.916	0.927	2.1
Benzo(b)fluoranthene		1.208	1.161	1.145	1.148	1.138	1.166	2.3
Benzo(k)fluoranthene		1.144	1.084	1.152	1.120	1.118	1.112	2.8
Benzo(a)pyrene		1.046	1.030	1.021	0.996	1.009	1.018	1.8
Indeno(1,2,3-cd)pyrene		1.360	1.310	1.325	1.330	1.354	1.342	1.5
Dibenzo(a,h)anthracene		1.172	1.114	1.116	1.109	1.108	1.120	2.0
Benzo(g,h,i)perylene		1.146	1.105	1.097	1.090	1.106	1.108	1.6
1,2,4,5-Tetrachlorobenzene		0.731	0.710	0.710	0.714	0.711	0.719	1.7
1,4-Dioxane		0.658	0.524	0.523	0.515	0.466	0.507	16.9
2,3,4,6-Tetrachlorophenol		0.421	0.464	0.431	0.452	0.466	0.454	4.6
1-Methylnaphthalene		0.769	0.768	0.757	0.734	0.717	0.737	3.9

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.: BG110424 SAS No.: BG110424 SDG NO.: BG110424

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BG063133.D Time Analyzed: 11:26

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	100769	7.847	394287	10.63	302657	14.48
UPPER LIMIT	201538	8.347	788574	11.132	605314	14.98
LOWER LIMIT	50384.5	7.347	197143.5	10.132	151328.5	13.98
EPA SAMPLE NO.						
01 PB164366BL	104161	7.84	423720	10.63	311717	14.48
02 LOD-MDL-SOIL-01-QT4-2024	91670	7.84	351543	10.63	278217	14.48
03 LOD-MDL-SOIL-01-QT4-2024	89178	7.84	366616	10.63	275520	14.48
04 LOD-MDL-WATER-01-QT4-2024	92632	7.84	377891	10.63	273829	14.48
05 LOD-MDL-WATER-01-QT4-2024	99042	7.85	398884	10.63	312118	14.47
06 PB164369BL	109664	7.85	439168	10.63	330920	14.47

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.: BG110424 SAS No.: BG110424 SDG NO.: BG110424

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BG063150.D Time Analyzed: 11:26

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	123316	7.842	479253	10.63	378176	14.48
UPPER LIMIT	246632	8.342	958506	11.133	756352	14.981
LOWER LIMIT	61658	7.342	239626.5	10.133	189088	13.981
EPA SAMPLE NO.						
01 PB164366BL	104161	7.84	423720	10.63	311717	14.48
02 LOD-MDL-SOIL-01-QT4-2024	91670	7.84	351543	10.63	278217	14.48
03 LOD-MDL-SOIL-01-QT4-2024	89178	7.84	366616	10.63	275520	14.48
04 LOD-MDL-WATER-01-QT4-2024	92632	7.84	377891	10.63	273829	14.48
05 LOD-MDL-WATER-01-QT4-2024	99042	7.85	398884	10.63	312118	14.47
06 PB164369BL	109664	7.85	439168	10.63	330920	14.47

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.: BG110424 SAS No.: BG110424 SDG NO.: BG110424

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BG063133.D Time Analyzed: 11:26

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	750853	17.23	810378	21.484	927167	24.521
UPPER LIMIT	1501706	17.73	1620756	21.984	1854334	25.021
LOWER LIMIT	375426.5	16.73	405189	20.984	463583.5	24.021
EPA SAMPLE NO.						
01 PB164366BL	802930	17.23	1.00601e+	21.47	1.10206e+	24.51
02 LOD-MDL-SOIL-01-QT4-2024	675618	17.23	854130	21.47	948511	24.50
03 LOD-MDL-SOIL-01-QT4-2024	693636	17.22	861025	21.47	968772	24.50
04 LOD-MDL-WATER-01-QT4-2024	698517	17.23	839683	21.47	944430	24.51
05 LOD-MDL-WATER-01-QT4-2024	764516	17.22	852530	21.47	981341	24.50
06 PB164369BL	870114	17.22	988726	21.47	1.12631e+	24.51

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.: BG110424 SAS No.: BG110424 SDG NO.: BG110424

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BG063150.D Time Analyzed: 11:26

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	976269	17.225	1.11972e+	21.479	1.2689e+00	24.511
UPPER LIMIT	1952538	17.725	2239440	21.979	2537800	25.011
LOWER LIMIT	488134.5	16.725	559860	20.979	634450	24.011
EPA SAMPLE NO.						
01 PB164366BL	802930	17.23	1.00601e+	21.47	1.10206e+	24.51
02 LOD-MDL-SOIL-01-QT4-2024	675618	17.23	854130	21.47	948511	24.50
03 LOD-MDL-SOIL-01-QT4-2024	693636	17.22	861025	21.47	968772	24.50
04 LOD-MDL-WATER-01-QT4-2024	698517	17.23	839683	21.47	944430	24.51
05 LOD-MDL-WATER-01-QT4-2024	764516	17.22	852530	21.47	981341	24.50
06 PB164369BL	870114	17.22	988726	21.47	1.12631e+	24.51

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.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	n-Nitrosodimethylamine	330	170	ug/Kg	52		*		70	130	
	n-Nitrosodimethylamine	330	370	ug/Kg	112				70	130	
	n-Nitrosodimethylamine	330	270	ug/Kg	82				70	130	
	Pyridine	170	270	ug/Kg	159		*		70	130	
	Pyridine	170	340	ug/Kg	200		*		70	130	
	Pyridine	170	150	ug/Kg	88				70	130	
	Benzaldehyde	330	490	ug/Kg	148		*		70	130	
	Benzaldehyde	330	230	ug/Kg	70				70	130	
	Benzaldehyde	330	400	ug/Kg	121				70	130	
	Aniline	170	380	ug/Kg	224		*		70	130	
	Aniline	170	210	ug/Kg	124				70	130	
	Aniline	170	470	ug/Kg	276		*		70	130	
	Phenol	170	160	ug/Kg	94				70	130	
	Phenol	170	370	ug/Kg	218		*		70	130	
	Phenol	170	310	ug/Kg	182		*		70	130	
	bis(2-Chloroethyl)ether	170	300	ug/Kg	176		*		70	130	
	bis(2-Chloroethyl)ether	170	380	ug/Kg	224		*		70	130	
	bis(2-Chloroethyl)ether	170	160	ug/Kg	94				70	130	
	2-Chlorophenol	170	160	ug/Kg	94				70	130	
	2-Chlorophenol	170	390	ug/Kg	229		*		70	130	
	2-Chlorophenol	170	310	ug/Kg	182		*		70	130	
	1,2-Dichlorobenzene	170	300	ug/Kg	176		*		70	130	
	1,2-Dichlorobenzene	170	360	ug/Kg	212		*		70	130	
	1,2-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	1,3-Dichlorobenzene	170	140	ug/Kg	82				70	130	
	1,3-Dichlorobenzene	170	360	ug/Kg	212		*		70	130	
	1,3-Dichlorobenzene	170	280	ug/Kg	165		*		70	130	
	1,4-Dichlorobenzene	170	290	ug/Kg	171		*		70	130	
	1,4-Dichlorobenzene	170	360	ug/Kg	212		*		70	130	
	1,4-Dichlorobenzene	170	150	ug/Kg	88				70	130	
	Benzyl Alcohol	330	160	ug/Kg	48		*		70	130	
	Benzyl Alcohol	330	370	ug/Kg	112				70	130	
	Benzyl Alcohol	330	310	ug/Kg	94				70	130	
	2-Methylphenol	170	270	ug/Kg	159		*		70	130	
	2-Methylphenol	170	350	ug/Kg	206		*		70	130	
	2-Methylphenol	170	150	ug/Kg	88				70	130	
	2,2-oxybis(1-Chloropropane)	170	170	ug/Kg	100				70	130	
	2,2-oxybis(1-Chloropropane)	170	410	ug/Kg	241		*		70	130	
	2,2-oxybis(1-Chloropropane)	170	310	ug/Kg	182		*		70	130	
	Acetophenone	170	290	ug/Kg	171		*		70	130	
	Acetophenone	170	380	ug/Kg	224		*		70	130	
	Acetophenone	170	160	ug/Kg	94				70	130	
	3+4-Methylphenols	330	150	ug/Kg	45		*		70	130	
	3+4-Methylphenols	330	370	ug/Kg	112				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	3+4-Methylphenols	330	290	ug/Kg	88				70	130	
	N-Nitroso-di-n-propylamine	80	300	ug/Kg	375		*		70	130	
	N-Nitroso-di-n-propylamine	80	170	ug/Kg	213		*		70	130	
	N-Nitroso-di-n-propylamine	80	370	ug/Kg	463		*		70	130	
	Hexachloroethane	170	360	ug/Kg	212		*		70	130	
	Hexachloroethane	170	160	ug/Kg	94				70	130	
	Hexachloroethane	170	290	ug/Kg	171		*		70	130	
	Nitrobenzene	170	280	ug/Kg	165		*		70	130	
	Nitrobenzene	170	160	ug/Kg	94				70	130	
	Nitrobenzene	170	330	ug/Kg	194		*		70	130	
	Isophorone	170	370	ug/Kg	218		*		70	130	
	Isophorone	170	160	ug/Kg	94				70	130	
	Isophorone	170	290	ug/Kg	171		*		70	130	
	2-Nitrophenol	170	300	ug/Kg	176		*		70	130	
	2-Nitrophenol	170	150	ug/Kg	88				70	130	
	2-Nitrophenol	170	340	ug/Kg	200		*		70	130	
	2,4-Dimethylphenol	170	280	ug/Kg	165		*		70	130	
	2,4-Dimethylphenol	170	150	ug/Kg	88				70	130	
	2,4-Dimethylphenol	170	220	ug/Kg	129				70	130	
	bis(2-Chloroethoxy)methane	170	310	ug/Kg	182		*		70	130	
	bis(2-Chloroethoxy)methane	170	160	ug/Kg	94				70	130	
	bis(2-Chloroethoxy)methane	170	380	ug/Kg	224		*		70	130	
	2,4-Dichlorophenol	170	360	ug/Kg	212		*		70	130	
	2,4-Dichlorophenol	170	140	ug/Kg	82				70	130	
	2,4-Dichlorophenol	170	280	ug/Kg	165		*		70	130	
	1,2,4-Trichlorobenzene	170	280	ug/Kg	165		*		70	130	
	1,2,4-Trichlorobenzene	170	150	ug/Kg	88				70	130	
	1,2,4-Trichlorobenzene	170	350	ug/Kg	206		*		70	130	
	Benzoic acid	330	240	ug/Kg	73				70	130	
	Benzoic acid	330		ug/Kg			*		70	130	
	Benzoic acid	330	250	ug/Kg	76				70	130	
	Naphthalene	170	300	ug/Kg	176		*		70	130	
	Naphthalene	170	160	ug/Kg	94				70	130	
	Naphthalene	170	370	ug/Kg	218		*		70	130	
	4-Chloroaniline	170	390	ug/Kg	229		*		70	130	
	4-Chloroaniline	170	170	ug/Kg	100				70	130	
	4-Chloroaniline	170	330	ug/Kg	194		*		70	130	
	Hexachlorobutadiene	170	260	ug/Kg	153		*		70	130	
	Hexachlorobutadiene	170	130	ug/Kg	76				70	130	
	Hexachlorobutadiene	170	340	ug/Kg	200		*		70	130	
	Caprolactam	330	150	ug/Kg	45		*		70	130	
	Caprolactam	330	360	ug/Kg	109				70	130	
	Caprolactam	330	320	ug/Kg	97				70	130	
	4-Chloro-3-methylphenol	170	280	ug/Kg	165		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	4-Chloro-3-methylphenol	170	360	ug/Kg	212		*		70	130	
	4-Chloro-3-methylphenol	170	140	ug/Kg	82				70	130	
	2-Methylnaphthalene	170	150	ug/Kg	88				70	130	
	2-Methylnaphthalene	170	350	ug/Kg	206		*		70	130	
	2-Methylnaphthalene	170	290	ug/Kg	171		*		70	130	
	Hexachlorocyclopentadiene	330	200	ug/Kg	61		*		70	130	
	Hexachlorocyclopentadiene	330	0	ug/Kg	0		*		70	130	
	Hexachlorocyclopentadiene	330	280	ug/Kg	85				70	130	
	2,4,6-Trichlorophenol	170	140	ug/Kg	82				70	130	
	2,4,6-Trichlorophenol	170	340	ug/Kg	200		*		70	130	
	2,4,6-Trichlorophenol	170	290	ug/Kg	171		*		70	130	
	2,4,5-Trichlorophenol	170	290	ug/Kg	171		*		70	130	
	2,4,5-Trichlorophenol	170	360	ug/Kg	212		*		70	130	
	2,4,5-Trichlorophenol	170	140	ug/Kg	82				70	130	
	1,1-Biphenyl	170	160	ug/Kg	94				70	130	
	1,1-Biphenyl	170	380	ug/Kg	224		*		70	130	
	1,1-Biphenyl	170	300	ug/Kg	176		*		70	130	
	2-Chloronaphthalene	170	290	ug/Kg	171		*		70	130	
	2-Chloronaphthalene	170	360	ug/Kg	212		*		70	130	
	2-Chloronaphthalene	170	150	ug/Kg	88				70	130	
	2-Nitroaniline	170	130	ug/Kg	76				70	130	
	2-Nitroaniline	170	350	ug/Kg	206		*		70	130	
	2-Nitroaniline	170	300	ug/Kg	176		*		70	130	
	Dimethylphthalate	170	290	ug/Kg	171		*		70	130	
	Dimethylphthalate	170	370	ug/Kg	218		*		70	130	
	Dimethylphthalate	170	150	ug/Kg	88				70	130	
	Acenaphthylene	170	170	ug/Kg	100				70	130	
	Acenaphthylene	170	390	ug/Kg	229		*		70	130	
	Acenaphthylene	170	320	ug/Kg	188		*		70	130	
	2,6-Dinitrotoluene	170	280	ug/Kg	165		*		70	130	
	2,6-Dinitrotoluene	170	330	ug/Kg	194		*		70	130	
	2,6-Dinitrotoluene	170	140	ug/Kg	82				70	130	
	3-Nitroaniline	170	160	ug/Kg	94				70	130	
	3-Nitroaniline	170	370	ug/Kg	218		*		70	130	
	3-Nitroaniline	170	300	ug/Kg	176		*		70	130	
	Acenaphthene	170	280	ug/Kg	165		*		70	130	
	Acenaphthene	170	360	ug/Kg	212		*		70	130	
	Acenaphthene	170	150	ug/Kg	88				70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	0	ug/Kg	0		*		70	130	
	2,4-Dinitrophenol	330	410	ug/Kg	124				70	130	
	4-Nitrophenol	330	290	ug/Kg	88				70	130	
	4-Nitrophenol	330	330	ug/Kg	100				70	130	
	4-Nitrophenol	330	120	ug/Kg	36		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Dibenzofuran	170	160	ug/Kg	94				70	130	
	Dibenzofuran	170	380	ug/Kg	224		*		70	130	
	Dibenzofuran	170	310	ug/Kg	182		*		70	130	
	2,4-Dinitrotoluene	170	300	ug/Kg	176		*		70	130	
	2,4-Dinitrotoluene	170	360	ug/Kg	212		*		70	130	
	2,4-Dinitrotoluene	170	140	ug/Kg	82				70	130	
	Diethylphthalate	170	160	ug/Kg	94				70	130	
	Diethylphthalate	170	370	ug/Kg	218		*		70	130	
	Diethylphthalate	170	280	ug/Kg	165		*		70	130	
	4-Chlorophenyl-phenylether	170	290	ug/Kg	171		*		70	130	
	4-Chlorophenyl-phenylether	170	370	ug/Kg	218		*		70	130	
	4-Chlorophenyl-phenylether	170	150	ug/Kg	88				70	130	
	Fluorene	170	160	ug/Kg	94				70	130	
	Fluorene	170	360	ug/Kg	212		*		70	130	
	Fluorene	170	280	ug/Kg	165		*		70	130	
	4-Nitroaniline	170	310	ug/Kg	182		*		70	130	
	4-Nitroaniline	170	150	ug/Kg	88				70	130	
	4-Nitroaniline	170	370	ug/Kg	218		*		70	130	
	4,6-Dinitro-2-methylphenol	330	310	ug/Kg	94				70	130	
	4,6-Dinitro-2-methylphenol	330	0	ug/Kg	0		*		70	130	
	4,6-Dinitro-2-methylphenol	330	250	ug/Kg	76				70	130	
	N-Nitrosodiphenylamine	170	300	ug/Kg	176		*		70	130	
	N-Nitrosodiphenylamine	170	150	ug/Kg	88				70	130	
	N-Nitrosodiphenylamine	170	370	ug/Kg	218		*		70	130	
	Azobenzene	170	390	ug/Kg	229		*		70	130	
	Azobenzene	170	150	ug/Kg	88				70	130	
	Azobenzene	170	300	ug/Kg	176		*		70	130	
	4-Bromophenyl-phenylether	170	290	ug/Kg	171		*		70	130	
	4-Bromophenyl-phenylether	170	140	ug/Kg	82				70	130	
	4-Bromophenyl-phenylether	170	360	ug/Kg	212		*		70	130	
	Hexachlorobenzene	170	150	ug/Kg	88				70	130	
	Hexachlorobenzene	170	340	ug/Kg	200		*		70	130	
	Hexachlorobenzene	170	270	ug/Kg	159		*		70	130	
	Atrazine	170	300	ug/Kg	176		*		70	130	
	Atrazine	170	150	ug/Kg	88				70	130	
	Atrazine	170	370	ug/Kg	218		*		70	130	
	Pentachlorophenol	330	0	ug/Kg	0		*		70	130	
	Pentachlorophenol	330	260	ug/Kg	79				70	130	
	Pentachlorophenol	330	190	ug/Kg	58		*		70	130	
	Phenanthrene	170	300	ug/Kg	176		*		70	130	
	Phenanthrene	170	370	ug/Kg	218		*		70	130	
	Phenanthrene	170	160	ug/Kg	94				70	130	
	Anthracene	170	360	ug/Kg	212		*		70	130	
	Anthracene	170	150	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Anthracene	170	300	ug/Kg	176		*		70	130	
	Carbazole	170	300	ug/Kg	176		*		70	130	
	Carbazole	170	160	ug/Kg	94				70	130	
	Carbazole	170	350	ug/Kg	206		*		70	130	
	Di-n-butylphthalate	170	350	ug/Kg	206		*		70	130	
	Di-n-butylphthalate	170	160	ug/Kg	94				70	130	
	Di-n-butylphthalate	170	290	ug/Kg	171		*		70	130	
	Fluoranthene	170	300	ug/Kg	176		*		70	130	
	Fluoranthene	170	150	ug/Kg	88				70	130	
	Fluoranthene	170	340	ug/Kg	200		*		70	130	
	Benzidine	330	380	ug/Kg	115				70	130	
	Benzidine	330	230	ug/Kg	70				70	130	
	Benzidine	330	300	ug/Kg	91				70	130	
	Pyrene	170	270	ug/Kg	159		*		70	130	
	Pyrene	170	160	ug/Kg	94				70	130	
	Pyrene	170	370	ug/Kg	218		*		70	130	
	Butylbenzylphthalate	170	370	ug/Kg	218		*		70	130	
	Butylbenzylphthalate	170	140	ug/Kg	82				70	130	
	Butylbenzylphthalate	170	290	ug/Kg	171		*		70	130	
	3,3-Dichlorobenzidine	330	300	ug/Kg	91				70	130	
	3,3-Dichlorobenzidine	330	150	ug/Kg	45		*		70	130	
	3,3-Dichlorobenzidine	330	370	ug/Kg	112				70	130	
	Benzo(a)anthracene	170	380	ug/Kg	224		*		70	130	
	Benzo(a)anthracene	170	160	ug/Kg	94				70	130	
	Benzo(a)anthracene	170	300	ug/Kg	176		*		70	130	
	Chrysene	170	300	ug/Kg	176		*		70	130	
	Chrysene	170	160	ug/Kg	94				70	130	
	Chrysene	170	380	ug/Kg	224		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	360	ug/Kg	212		*		70	130	
	bis(2-Ethylhexyl)phthalate	170	150	ug/Kg	88				70	130	
	bis(2-Ethylhexyl)phthalate	170	290	ug/Kg	171		*		70	130	
	Di-n-octyl phthalate	330	290	ug/Kg	88				70	130	
	Di-n-octyl phthalate	330	150	ug/Kg	45		*		70	130	
	Di-n-octyl phthalate	330	360	ug/Kg	109				70	130	
	Benzo(b)fluoranthene	170	350	ug/Kg	206		*		70	130	
	Benzo(b)fluoranthene	170	150	ug/Kg	88				70	130	
	Benzo(b)fluoranthene	170	300	ug/Kg	176		*		70	130	
	Benzo(k)fluoranthene	170	310	ug/Kg	182		*		70	130	
	Benzo(k)fluoranthene	170	160	ug/Kg	94				70	130	
	Benzo(k)fluoranthene	170	390	ug/Kg	229		*		70	130	
	Benzo(a)pyrene	170	380	ug/Kg	224		*		70	130	
	Benzo(a)pyrene	170	160	ug/Kg	94				70	130	
	Benzo(a)pyrene	170	320	ug/Kg	188		*		70	130	
	Indeno(1,2,3-cd)pyrene	170	310	ug/Kg	182		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-02	Indeno(1,2,3-cd)pyrene	170	160	ug/Kg	94				70	130	
	Indeno(1,2,3-cd)pyrene	170	380	ug/Kg	224		*		70	130	
	Dibenz(a,h)anthracene	170	160	ug/Kg	94				70	130	
	Dibenz(a,h)anthracene	170	370	ug/Kg	218		*		70	130	
	Dibenz(a,h)anthracene	170	300	ug/Kg	176		*		70	130	
	Benzo(g,h,i)perylene	170	280	ug/Kg	165		*		70	130	
	Benzo(g,h,i)perylene	170	350	ug/Kg	206		*		70	130	
	Benzo(g,h,i)perylene	170	140	ug/Kg	82				70	130	
	1,2,4,5-Tetrachlorobenzene	170	160	ug/Kg	94				70	130	
	1,2,4,5-Tetrachlorobenzene	170	360	ug/Kg	212		*		70	130	
	1,2,4,5-Tetrachlorobenzene	170	300	ug/Kg	176		*		70	130	
	1,4-Dioxane	170	290	ug/Kg	171		*		70	130	
	1,4-Dioxane	170	360	ug/Kg	212		*		70	130	
	1,4-Dioxane	170	170	ug/Kg	100				70	130	
	2,3,4,6-Tetrachlorophenol	170	140	ug/Kg	82				70	130	
	2,3,4,6-Tetrachlorophenol	170	330	ug/Kg	194		*		70	130	
	2,3,4,6-Tetrachlorophenol	170	280	ug/Kg	165		*		70	130	
	1-Methylnaphthalene	170	280	ug/Kg	165		*		70	130	
	1-Methylnaphthalene	170	340	ug/Kg	200		*		70	130	
	1-Methylnaphthalene	170	140	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	n-Nitrosodimethylamine	10	4.3	ug/L	43		*		70	130	
	n-Nitrosodimethylamine	10	7.3	ug/L	73				70	130	
	n-Nitrosodimethylamine	10	10.8	ug/L	108				70	130	
	Pyridine	5	10.9	ug/L	218		*		70	130	
	Pyridine	5	6.9	ug/L	138		*		70	130	
	Pyridine	5	4.6	ug/L	92				70	130	
	Benzaldehyde	10	14.2	ug/L	142		*		70	130	
	Benzaldehyde	10	6	ug/L	60		*		70	130	
	Benzaldehyde	10	11	ug/L	110				70	130	
	Aniline	5	10.5	ug/L	210		*		70	130	
	Aniline	5	5.4	ug/L	108				70	130	
	Aniline	5	14.5	ug/L	290		*		70	130	
	Phenol	5	4.7	ug/L	94				70	130	
	Phenol	5	8.4	ug/L	168		*		70	130	
	Phenol	5	11.4	ug/L	228		*		70	130	
	bis(2-Chloroethyl)ether	5	11.6	ug/L	232		*		70	130	
	bis(2-Chloroethyl)ether	5	9.4	ug/L	188		*		70	130	
	bis(2-Chloroethyl)ether	5	4.4	ug/L	88				70	130	
	2-Chlorophenol	5	4.7	ug/L	94				70	130	
	2-Chlorophenol	5	11.6	ug/L	232		*		70	130	
	2-Chlorophenol	5	9.4	ug/L	188		*		70	130	
	1,2-Dichlorobenzene	5	8.3	ug/L	166		*		70	130	
	1,2-Dichlorobenzene	5	10.6	ug/L	212		*		70	130	
	1,2-Dichlorobenzene	5	4.3	ug/L	86				70	130	
	1,3-Dichlorobenzene	5	4.3	ug/L	86				70	130	
	1,3-Dichlorobenzene	5	10.6	ug/L	212		*		70	130	
	1,3-Dichlorobenzene	5	8.5	ug/L	170		*		70	130	
	1,4-Dichlorobenzene	5	8.7	ug/L	174		*		70	130	
	1,4-Dichlorobenzene	5	10.4	ug/L	208		*		70	130	
	1,4-Dichlorobenzene	5	4.4	ug/L	88				70	130	
	Benzyl Alcohol	10	4.8	ug/L	48		*		70	130	
	Benzyl Alcohol	10	12.3	ug/L	123				70	130	
	Benzyl Alcohol	10	9	ug/L	90				70	130	
	2-Methylphenol	5	8.6	ug/L	172		*		70	130	
	2-Methylphenol	5	4.5	ug/L	90				70	130	
	2-Methylphenol	5	10.5	ug/L	210		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	12.2	ug/L	244		*		70	130	
	2,2-oxybis(1-Chloropropane)	5	5	ug/L	100				70	130	
	2,2-oxybis(1-Chloropropane)	5	9.7	ug/L	194		*		70	130	
	Acetophenone	5	9.4	ug/L	188		*		70	130	
	Acetophenone	5	4.7	ug/L	94				70	130	
	Acetophenone	5	11.4	ug/L	228		*		70	130	
	3+4-Methylphenols	10	10.6	ug/L	106				70	130	
	3+4-Methylphenols	10	4.2	ug/L	42		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG110424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
P4368-08	3+4-Methylphenols	10	8.9	ug/L	89				70	130	
	N-Nitroso-di-n-propylamine	2.5	11.3	ug/L	452		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	8.8	ug/L	352		*		70	130	
	N-Nitroso-di-n-propylamine	2.5	4.7	ug/L	188		*		70	130	
	Hexachloroethane	5	4.8	ug/L	96				70	130	
	Hexachloroethane	5	8.9	ug/L	178		*		70	130	
	Hexachloroethane	5	11.5	ug/L	230		*		70	130	
	Nitrobenzene	5	10.8	ug/L	216		*		70	130	
	Nitrobenzene	5	8.3	ug/L	166		*		70	130	
	Nitrobenzene	5	4.4	ug/L	88				70	130	
	Isophorone	5	4.7	ug/L	94				70	130	
	Isophorone	5	9	ug/L	180		*		70	130	
	Isophorone	5	11	ug/L	220		*		70	130	
	2-Nitrophenol	5	8.8	ug/L	176		*		70	130	
	2-Nitrophenol	5	10.9	ug/L	218		*		70	130	
	2-Nitrophenol	5	4.2	ug/L	84				70	130	
	2,4-Dimethylphenol	5	3.8	ug/L	76				70	130	
	2,4-Dimethylphenol	5	8.2	ug/L	164		*		70	130	
	2,4-Dimethylphenol	5	6.8	ug/L	136		*		70	130	
	bis(2-Chloroethoxy)methane	5	11.2	ug/L	224		*		70	130	
	bis(2-Chloroethoxy)methane	5	9.1	ug/L	182		*		70	130	
	bis(2-Chloroethoxy)methane	5	4.5	ug/L	90				70	130	
	2,4-Dichlorophenol	5	4.4	ug/L	88				70	130	
	2,4-Dichlorophenol	5	10.3	ug/L	206		*		70	130	
	2,4-Dichlorophenol	5	8.3	ug/L	166		*		70	130	
	1,2,4-Trichlorobenzene	5	8.4	ug/L	168		*		70	130	
	1,2,4-Trichlorobenzene	5	10.2	ug/L	204		*		70	130	
	1,2,4-Trichlorobenzene	5	4.7	ug/L	94				70	130	
	Benzoic acid	10	0	ug/L	0		*		70	130	
	Benzoic acid	10	9.9	ug/L	99				70	130	
	Benzoic acid	10	8.1	ug/L	81				70	130	
	Naphthalene	5	9	ug/L	180		*		70	130	
	Naphthalene	5	10.3	ug/L	206		*		70	130	
	Naphthalene	5	4.7	ug/L	94				70	130	
	4-Chloroaniline	5	12.4	ug/L	248		*		70	130	
	4-Chloroaniline	5	5.1	ug/L	102				70	130	
	4-Chloroaniline	5	10.2	ug/L	204		*		70	130	
	Hexachlorobutadiene	5	9.7	ug/L	194		*		70	130	
	Hexachlorobutadiene	5	8	ug/L	160		*		70	130	
	Hexachlorobutadiene	5	4.5	ug/L	90				70	130	
	Caprolactam	10	4.9	ug/L	49		*		70	130	
	Caprolactam	10	9.3	ug/L	93				70	130	
	Caprolactam	10	11.2	ug/L	112				70	130	
	4-Chloro-3-methylphenol	5	7.8	ug/L	156		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	4-Chloro-3-methylphenol	5	9.7	ug/L	194		*		70	130	
	4-Chloro-3-methylphenol	5	4.5	ug/L	90				70	130	
	2-Methylnaphthalene	5	4.7	ug/L	94				70	130	
	2-Methylnaphthalene	5	10.7	ug/L	214		*		70	130	
	2-Methylnaphthalene	5	9	ug/L	180		*		70	130	
	Hexachlorocyclopentadiene	10	8.1	ug/L	81				70	130	
	Hexachlorocyclopentadiene	10	6.4	ug/L	64				70	130	
	Hexachlorocyclopentadiene	10	0	ug/L	0		*		70	130	
	2,4,6-Trichlorophenol	5	10.6	ug/L	212		*		70	130	
	2,4,6-Trichlorophenol	5	4.2	ug/L	84				70	130	
	2,4,6-Trichlorophenol	5	8.7	ug/L	174		*		70	130	
	2,4,5-Trichlorophenol	5	8.2	ug/L	164		*		70	130	
	2,4,5-Trichlorophenol	5	4.4	ug/L	88				70	130	
	2,4,5-Trichlorophenol	5	9.9	ug/L	198		*		70	130	
	1,1-Biphenyl	5	11.2	ug/L	224		*		70	130	
	1,1-Biphenyl	5	5	ug/L	100				70	130	
	1,1-Biphenyl	5	9.2	ug/L	184		*		70	130	
	2-Chloronaphthalene	5	8.5	ug/L	170		*		70	130	
	2-Chloronaphthalene	5	4.6	ug/L	92				70	130	
	2-Chloronaphthalene	5	10.5	ug/L	210		*		70	130	
	2-Nitroaniline	5	11.1	ug/L	222		*		70	130	
	2-Nitroaniline	5	4.3	ug/L	86				70	130	
	2-Nitroaniline	5	8.2	ug/L	164		*		70	130	
	Dimethylphthalate	5	10.9	ug/L	218		*		70	130	
	Dimethylphthalate	5	8.5	ug/L	170		*		70	130	
	Dimethylphthalate	5	4.8	ug/L	96				70	130	
	Acenaphthylene	5	11.4	ug/L	228		*		70	130	
	Acenaphthylene	5	5	ug/L	100				70	130	
	Acenaphthylene	5	9.6	ug/L	192		*		70	130	
	2,6-Dinitrotoluene	5	7.8	ug/L	156		*		70	130	
	2,6-Dinitrotoluene	5	4.3	ug/L	86				70	130	
	2,6-Dinitrotoluene	5	10.9	ug/L	218		*		70	130	
	3-Nitroaniline	5	11.1	ug/L	222		*		70	130	
	3-Nitroaniline	5	4.5	ug/L	90				70	130	
	3-Nitroaniline	5	8.9	ug/L	178		*		70	130	
	Acenaphthene	5	8.3	ug/L	166		*		70	130	
	Acenaphthene	5	4.8	ug/L	96				70	130	
	Acenaphthene	5	10.9	ug/L	218		*		70	130	
	2,4-Dinitrophenol	10	11.3	ug/L	113				70	130	
	2,4-Dinitrophenol	10	0	ug/L	0		*		70	130	
	2,4-Dinitrophenol	10	11.2	ug/L	112				70	130	
	4-Nitrophenol	10	8.2	ug/L	82				70	130	
	4-Nitrophenol	10	3.7	ug/L	37		*		70	130	
	4-Nitrophenol	10	9.4	ug/L	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Dibenzofuran	5	4.7	ug/L	94				70	130	
	Dibenzofuran	5	11.1	ug/L	222		*		70	130	
	Dibenzofuran	5	9	ug/L	180		*		70	130	
	2,4-Dinitrotoluene	5	8.4	ug/L	168		*		70	130	
	2,4-Dinitrotoluene	5	9.9	ug/L	198		*		70	130	
	2,4-Dinitrotoluene	5	4.4	ug/L	88				70	130	
	Diethylphthalate	5	4.6	ug/L	92				70	130	
	Diethylphthalate	5	11	ug/L	220		*		70	130	
	Diethylphthalate	5	8.7	ug/L	174		*		70	130	
	4-Chlorophenyl-phenylether	5	8.6	ug/L	172		*		70	130	
	4-Chlorophenyl-phenylether	5	11.1	ug/L	222		*		70	130	
	4-Chlorophenyl-phenylether	5	4.6	ug/L	92				70	130	
	Fluorene	5	4.7	ug/L	94				70	130	
	Fluorene	5	11.1	ug/L	222		*		70	130	
	Fluorene	5	8.9	ug/L	178		*		70	130	
	4-Nitroaniline	5	8.9	ug/L	178		*		70	130	
	4-Nitroaniline	5	10.6	ug/L	212		*		70	130	
	4-Nitroaniline	5	4.5	ug/L	90				70	130	
	4,6-Dinitro-2-methylphenol	10	0	ug/L	0		*		70	130	
	4,6-Dinitro-2-methylphenol	10	10.6	ug/L	106				70	130	
	4,6-Dinitro-2-methylphenol	10	7.2	ug/L	72				70	130	
	N-Nitrosodiphenylamine	5	11	ug/L	220		*		70	130	
	N-Nitrosodiphenylamine	5	8.7	ug/L	174		*		70	130	
	N-Nitrosodiphenylamine	5	4.7	ug/L	94				70	130	
	Azobenzene	5	11.7	ug/L	234		*		70	130	
	Azobenzene	5	4.9	ug/L	98				70	130	
	Azobenzene	5	9	ug/L	180		*		70	130	
	4-Bromophenyl-phenylether	5	8.5	ug/L	170		*		70	130	
	4-Bromophenyl-phenylether	5	4.7	ug/L	94				70	130	
	4-Bromophenyl-phenylether	5	10.9	ug/L	218		*		70	130	
	Hexachlorobenzene	5	4.5	ug/L	90				70	130	
	Hexachlorobenzene	5	10.6	ug/L	212		*		70	130	
	Hexachlorobenzene	5	8.6	ug/L	172		*		70	130	
	Atrazine	5	8.8	ug/L	176		*		70	130	
	Atrazine	5	11	ug/L	220		*		70	130	
	Atrazine	5	4.5	ug/L	90				70	130	
	Pentachlorophenol	10	2	ug/L	20		*		70	130	
	Pentachlorophenol	10	5.9	ug/L	59		*		70	130	
	Pentachlorophenol	10	8.3	ug/L	83				70	130	
	Phenanthrene	5	11.4	ug/L	228		*		70	130	
	Phenanthrene	5	9.3	ug/L	186		*		70	130	
	Phenanthrene	5	5	ug/L	100				70	130	
	Anthracene	5	11.2	ug/L	224		*		70	130	
	Anthracene	5	4.8	ug/L	96				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Anthracene	5	9.2	ug/L	184		*		70	130	
	Carbazole	5	9	ug/L	180		*		70	130	
	Carbazole	5	10.8	ug/L	216		*		70	130	
	Carbazole	5	4.6	ug/L	92				70	130	
	Di-n-butylphthalate	5	4.4	ug/L	88				70	130	
	Di-n-butylphthalate	5	10.7	ug/L	214		*		70	130	
	Di-n-butylphthalate	5	9.1	ug/L	182		*		70	130	
	Fluoranthene	5	9.2	ug/L	184		*		70	130	
	Fluoranthene	5	10.4	ug/L	208		*		70	130	
	Fluoranthene	5	4.5	ug/L	90				70	130	
	Benzidine	10	11.4	ug/L	114				70	130	
	Benzidine	10	7.1	ug/L	71				70	130	
	Benzidine	10	9.4	ug/L	94				70	130	
	Pyrene	5	8.7	ug/L	174		*		70	130	
	Pyrene	5	11.1	ug/L	222		*		70	130	
	Pyrene	5	4.8	ug/L	96				70	130	
	Butylbenzylphthalate	5	4.5	ug/L	90				70	130	
	Butylbenzylphthalate	5	10.6	ug/L	212		*		70	130	
	Butylbenzylphthalate	5	8.5	ug/L	170		*		70	130	
	3,3-Dichlorobenzidine	10	9	ug/L	90				70	130	
	3,3-Dichlorobenzidine	10	10.8	ug/L	108				70	130	
	3,3-Dichlorobenzidine	10	4.6	ug/L	46		*		70	130	
	Benzo(a)anthracene	5	5	ug/L	100				70	130	
	Benzo(a)anthracene	5	11	ug/L	220		*		70	130	
	Benzo(a)anthracene	5	9	ug/L	180		*		70	130	
	Chrysene	5	8.9	ug/L	178		*		70	130	
	Chrysene	5	11	ug/L	220		*		70	130	
	Chrysene	5	4.7	ug/L	94				70	130	
	bis(2-Ethylhexyl)phthalate	5	4.5	ug/L	90				70	130	
	bis(2-Ethylhexyl)phthalate	5	10.7	ug/L	214		*		70	130	
	bis(2-Ethylhexyl)phthalate	5	8.4	ug/L	168		*		70	130	
	Di-n-octyl phthalate	10	8.7	ug/L	87				70	130	
	Di-n-octyl phthalate	10	10.9	ug/L	109				70	130	
	Di-n-octyl phthalate	10	4.5	ug/L	45		*		70	130	
	Benzo(b)fluoranthene	5	4.5	ug/L	90				70	130	
	Benzo(b)fluoranthene	5	11.2	ug/L	224		*		70	130	
	Benzo(b)fluoranthene	5	8.7	ug/L	174		*		70	130	
	Benzo(k)fluoranthene	5	9.5	ug/L	190		*		70	130	
	Benzo(k)fluoranthene	5	11.2	ug/L	224		*		70	130	
	Benzo(k)fluoranthene	5	4.9	ug/L	98				70	130	
	Benzo(a)pyrene	5	4.9	ug/L	98				70	130	
	Benzo(a)pyrene	5	11.7	ug/L	234		*		70	130	
	Benzo(a)pyrene	5	9.3	ug/L	186		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	9.1	ug/L	182		*		70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
P4368-08	Indeno(1,2,3-cd)pyrene	5	11.2	ug/L	224		*		70	130	
	Indeno(1,2,3-cd)pyrene	5	4.8	ug/L	96				70	130	
	Dibenz(a,h)anthracene	5	4.7	ug/L	94				70	130	
	Dibenz(a,h)anthracene	5	11.2	ug/L	224		*		70	130	
	Dibenz(a,h)anthracene	5	9	ug/L	180		*		70	130	
	Benzo(g,h,i)perylene	5	8.2	ug/L	164		*		70	130	
	Benzo(g,h,i)perylene	5	10.3	ug/L	206		*		70	130	
	Benzo(g,h,i)perylene	5	4.4	ug/L	88				70	130	
	1,2,4,5-Tetrachlorobenzene	5	4.8	ug/L	96				70	130	
	1,2,4,5-Tetrachlorobenzene	5	10.8	ug/L	216		*		70	130	
	1,2,4,5-Tetrachlorobenzene	5	8.7	ug/L	174		*		70	130	
	1,4-Dioxane	5	7.5	ug/L	150		*		70	130	
	1,4-Dioxane	5	11.4	ug/L	228		*		70	130	
	1,4-Dioxane	5	5.4	ug/L	108				70	130	
	2,3,4,6-Tetrachlorophenol	5	3.9	ug/L	78				70	130	
	2,3,4,6-Tetrachlorophenol	5	10.7	ug/L	214		*		70	130	
	2,3,4,6-Tetrachlorophenol	5	8.5	ug/L	170		*		70	130	
	1-Methylnaphthalene	5	8.5	ug/L	170		*		70	130	
	1-Methylnaphthalene	5	10.2	ug/L	204		*		70	130	
	1-Methylnaphthalene	5	4.1	ug/L	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164366BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG110424

SAS No.: BG110424 SDG NO.: BG110424

Lab File ID: BG063151.D

Lab Sample ID: PB164366BL

Instrument ID: BNA_G

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 11:26

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-QT4-2024	P4368-01	BG063158.D	11/04/2024
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BG063159.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164369BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG110424

SAS No.: BG110424 SDG NO.: BG110424

Lab File ID: BG063162.D

Lab Sample ID: PB164369BL

Instrument ID: BNA_G

Date Extracted: 10/23/2024

Matrix: (soil/water) Water

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 19:27

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-QT4-2024	P4368-07	BG063160.D	11/04/2024
LOD-MDL-WATER-01-QT4-2024	P4368-07	BG063161.D	11/04/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BG110424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-01	LOD-MDL-SOIL-0	BG063158.D	2-Fluorophenol	150	124.13	83		18	112
		BG063159.D	2-Fluorophenol	150	117.46	78		18	112
		BG063158.D	Phenol-d6	150	129.54	86		15	107
		BG063159.D	Phenol-d6	150	128.11	85		15	107
		BG063158.D	Nitrobenzene-d5	100	95.77	96		18	107
		BG063159.D	Nitrobenzene-d5	100	88.79	89		18	107
			2-Fluorobiphenyl	100	93.07	93		20	109
		BG063158.D	2-Fluorobiphenyl	100	91.20	91		20	109
			2,4,6-Tribromophenol	150	130.36	87		10	116
		BG063159.D	2,4,6-Tribromophenol	150	131.52	88		10	116
		BG063158.D	Terphenyl-d14	100	83.66	84		10	105
		BG063159.D	Terphenyl-d14	100	90.28	90		10	105
PB164366BL	PB164366BL	BG063151.D	2-Fluorophenol	150	138.27	92		18	112
			Phenol-d6	150	139.44	93		15	107
			Nitrobenzene-d5	100	87.49	87		18	107
			2-Fluorobiphenyl	100	90.96	91		20	109
			2,4,6-Tribromophenol	150	122.68	82		10	116
			Terphenyl-d14	100	87.23	87		10	105

Surrogate Summary

SW-846

SDG No.: **BG110424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-07	LOD-MDL-WATEF	BG063160.D	2-Fluorophenol	150	127.99	85		10	139
		BG063161.D	2-Fluorophenol	150	113.80	76		10	139
			Phenol-d6	150	128.40	86		10	134
		BG063160.D	Phenol-d6	150	133.70	89		10	134
			Nitrobenzene-d5	100	90.33	90		49	133
		BG063161.D	Nitrobenzene-d5	100	90.17	90		49	133
			2-Fluorobiphenyl	100	89.44	89		52	132
		BG063160.D	2-Fluorobiphenyl	100	95.50	95		52	132
		BG063161.D	2,4,6-Tribromophenol	150	126.17	84		44	137
		BG063160.D	2,4,6-Tribromophenol	150	133.84	89		44	137
			Terphenyl-d14	100	84.40	84		48	125
		BG063161.D	Terphenyl-d14	100	91.70	92		48	125
PB164369BL	PB164369BL	BG063162.D	2-Fluorophenol	150	136.88	91		10	139
			Phenol-d6	150	137.26	92		10	134
			Nitrobenzene-d5	100	89.46	89		49	133
			2-Fluorobiphenyl	100	89.40	89		52	132
			2,4,6-Tribromophenol	150	125.70	84		44	137
			Terphenyl-d14	100	90.45	90		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110424

Lab Code: CHEM

SAS No.: BG110424 SDG NO.: BG110424

Lab File ID: BG063149.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	31.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.5 (18.5) 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	BG063150.D	11/04/2024	10:44
PB164366BL	PB164366BL	BG063151.D	11/04/2024	11:26
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BG063158.D	11/04/2024	16:55
LOD-MDL-SOIL-01-QT4-2024	P4368-01	BG063159.D	11/04/2024	17:33
LOD-MDL-WATER-01-QT4-2024	P4368-07	BG063160.D	11/04/2024	18:11
LOD-MDL-WATER-01-QT4-2024	P4368-07	BG063161.D	11/04/2024	18:49
PB164369BL	PB164369BL	BG063162.D	11/04/2024	19:27
SSTDCCC040EC	SSTDCCC040	BG063163.D	11/04/2024	20:05