

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051524 SAS No.: BG051524 SDG No.: BG051524

Instrument ID: BNA_G Calibration Date/Time: 5/15/2024 1:09:59

Lab File ID: BG061199.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	1.124	0.952		-15.302	
Pyridine	1.170	1.041		-11.026	
2-Fluorophenol	0.983	1.035		5.29	
Benzaldehyde	0.820	0.846		3.171	
Aniline	1.442	1.368		-5.132	
Phenol-d6	1.455	1.454		-0.069	
Phenol	1.479	1.443		-2.434	20.0
bis(2-Chloroethyl) ether	1.022	0.990		-3.131	
2-Chlorophenol	1.206	1.171		-2.902	
1,2-Dichlorobenzene	1.418	1.358		-4.231	
1,3-Dichlorobenzene	1.422	1.351		-4.993	
1,4-Dichlorobenzene	1.470	1.275		-13.265	20.0
Benzyl Alcohol	1.312	1.163		-11.357	
2-Methylphenol	1.054	0.992		-5.882	
2,2-oxybis(1-Chloropropane)	2.218	2.264		2.074	
Acetophenone	0.498	0.532		6.827	
3+4-Methylphenols	1.521	1.465		-3.682	
n-Nitroso-di-n-propylamine	1.089	1.038	0.050	-4.683	
Nitrobenzene-d5	0.403	0.437		8.437	
Hexachloroethane	0.525	0.513		-2.286	
Nitrobenzene	0.395	0.428		8.354	
Isophorone	0.746	0.716		-4.021	
2-Nitrophenol	0.187	0.186		-0.535	20.0
2,4-Dimethylphenol	0.216	0.213		-1.389	
bis(2-Chloroethoxy) methane	0.366	0.374		2.186	
2,4-Dichlorophenol	0.338	0.329		-2.663	20.0
1,2,4-Trichlorobenzene	0.407	0.400		-1.72	
Benzoic acid	0.249	0.152		-38.956	
Naphthalene	1.039	1.000		-3.754	
4-Chloroaniline	0.415	0.395		-4.819	
Hexachlorobutadiene	0.349	0.357		2.292	20.0
Caprolactam	0.122	0.105		-13.934	
4-Chloro-3-methylphenol	0.407	0.409		0.491	20.0
2-Methylnaphthalene	0.779	0.754		-3.209	
Hexachlorocyclopentadiene	0.256	0.278	0.050	8.594	
2,4,6-Trichlorophenol	0.429	0.419		-2.331	20.0
2-Fluorobiphenyl	1.353	1.401		3.548	
2,4,5-Trichlorophenol	0.485	0.479		-1.237	
1,1-Biphenyl	1.282	1.323		3.198	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_G Calibration Date/Time: 5/15/2024 1:09:59

Lab File ID: BG061199.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.027	1.037		0.974	
2-Nitroaniline	0.381	0.389		2.1	
Dimethylphthalate	1.545	1.518		-1.748	
Acenaphthylene	1.577	1.534		-2.727	
2,6-Dinitrotoluene	0.330	0.314		-4.848	
3-Nitroaniline	0.302	0.297		-1.656	
Acenaphthene	0.984	1.000		1.626	20.0
2,4-Dinitrophenol	0.213	0.223	0.050	4.695	
4-Nitrophenol	0.244	0.201	0.050	-17.623	
Dibenzofuran	1.662	1.580		-4.934	
2,4-Dinitrotoluene	0.489	0.480		-1.84	
Diethylphthalate	1.558	1.537		-1.348	
4-Chlorophenyl-phenylether	0.863	0.822		-4.751	
Fluorene	1.438	1.351		-6.05	
4-Nitroaniline	0.328	0.322		-1.829	
4,6-Dinitro-2-methylphenol	0.124	0.120		-3.226	
n-Nitrosodiphenylamine	0.496	0.504		1.613	20.0
Azobenzene	1.213	1.156		-4.699	
2,4,6-Tribromophenol	0.400	0.368		-8.0	
4-Bromophenyl-phenylether	0.236	0.245		3.814	
Hexachlorobenzene	0.293	0.287		-2.048	
Atrazine	0.205	0.180		-12.195	
Pentachlorophenol	0.180	0.161		-10.556	20.0
Phenanthrene	0.914	0.893		-2.298	
Anthracene	0.913	0.885		-3.067	
Carbazole	0.802	0.777		-3.117	
Di-n-butylphthalate	0.954	0.949		-0.524	
Fluoranthene	1.253	1.210		-3.432	20.0
Benzidine	0.328	0.362		10.366	
Pyrene	1.272	1.206		-5.189	
Terphenyl-d14	1.203	1.136		-5.569	
Butylbenzylphthalate	0.402	0.393		-2.239	
3,3-Dichlorobenzidine	0.471	0.435		-7.643	
Benzo(a)anthracene	1.309	1.218		-6.952	
Chrysene	1.226	1.147		-6.444	
Bis(2-ethylhexyl)phthalate	0.526	0.519		-1.331	
Di-n-octyl phthalate	0.927	0.877		-5.394	20.0
Benzo(b)fluoranthene	1.118	1.075		-3.846	
Benzo(k)fluoranthene	1.075	1.016		-5.488	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051524 SAS No.: BG051524 SDG No.: BG051524

Instrument ID: BNA_G Calibration Date/Time: 5/15/2024 1:09:59

Lab File ID: BG061199.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	0.974	0.964		-1.027	20.0
Indeno(1,2,3-cd)pyrene	1.325	1.311		-1.057	
Dibenzo(a,h)anthracene	1.098	1.070		-2.55	
Benzo(g,h,i)perylene	1.091	1.047		-4.033	
1,2,4,5-Tetrachlorobenzene	0.667	0.719		7.796	
1,4-Dioxane	0.398	0.343		-13.819	20.0
2,3,4,6-Tetrachlorophenol	0.499	0.448		-10.22	
1-Methylnaphthalene	0.784	0.763		-2.679	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	5/14/2024 12:00:00 AM	
Project:				Date Received:	5/14/2024 12:00:00 AM	
Client Sample ID:	PB160903BL			SDG No.:	BG051524	
Lab Sample ID:	PB160903BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	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
BG061200.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

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



Client:				Date Collected:	5/14/2024 12:00:00 AM	
Project:				Date Received:	5/14/2024 12:00:00 AM	
Client Sample ID:	PB160903BL			SDG No.:	BG051524	
Lab Sample ID:	PB160903BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	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
BG061200.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160903BL	SDG No.:	BG051524
Lab Sample ID:	PB160903BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG061200.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	161.287		18-112		108	SPK: -150
13127-88-3	Phenol-d6	147.059		15-107		98	SPK: -150
4165-60-0	Nitrobenzene-d5	95.429		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.425		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160903BL	SDG No.:	BG051524
Lab Sample ID:	PB160903BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG061200.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.387		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	94.083		14-112		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	17196	7.93				
1146-65-2	Naphthalene-d8	63380	10.721				
15067-26-2	Acenaphthene-d10	53496	14.557				
1517-22-2	Phenanthrene-d10	153440	17.307				
1719-03-5	Chrysene-d12	169460	21.567				
1520-96-3	Perylene-d12	194042	24.693				



Client:				Date Collected:	5/14/2024 12:00:00 AM	
Project:				Date Received:	5/14/2024 12:00:00 AM	
Client Sample ID:	PB160903BS			SDG No.:	BG051524	
Lab Sample ID:	PB160903BS			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
BG061201.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.8	270	330	ug/Kg
110-86-1	Pyridine	990		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	960		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.9	130	170	ug/Kg
108-95-2	Phenol	1700		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1300		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1300		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	860		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1000		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160903BS	SDG No.:	BG051524
Lab Sample ID:	PB160903BS	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
BG061201.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	23800		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2500		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2600		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160903BS	SDG No.:	BG051524
Lab Sample ID:	PB160903BS	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
BG061201.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200		77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	1000		160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	168.609		18-112		112	SPK: -150
13127-88-3	Phenol-d6	152.218		15-107		101	SPK: -150
4165-60-0	Nitrobenzene-d5	86.675		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	82.924		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160903BS	SDG No.:	BG051524
Lab Sample ID:	PB160903BS	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
BG061201.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.685		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	84.001		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19422	7.928				
1146-65-2	Naphthalene-d8	78322	10.725				
15067-26-2	Acenaphthene-d10	68608	14.562				
1517-22-2	Phenanthrene-d10	176261	17.311				
1719-03-5	Chrysene-d12	180587	21.571				
1520-96-3	Perylene-d12	202505	24.691				

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160868TB	SDG No.:	BG051524
Lab Sample ID:	PB160868TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061202.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160868TB	SDG No.:	BG051524
Lab Sample ID:	PB160868TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061202.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160868TB	SDG No.:	BG051524
Lab Sample ID:	PB160868TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061202.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	160.437		10-139		107	SPK: -150
13127-88-3	Phenol-d6	148.744		10-134		99	SPK: -150
4165-60-0	Nitrobenzene-d5	102.912		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	91.935		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	PB160868TB	SDG No.:	BG051524
Lab Sample ID:	PB160868TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061202.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.906		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	93.903		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	18143	7.929				
1146-65-2	Naphthalene-d8	63378	10.726				
15067-26-2	Acenaphthene-d10	55660	14.557				
1517-22-2	Phenanthrene-d10	164170	17.307				
1719-03-5	Chrysene-d12	177184	21.566				
1520-96-3	Perylene-d12	204204	24.692				

Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM		
Project:				Date Received:	5/7/2024 12:00:00 AM		
Client Sample ID:	1011UMR-RB240507-01			SDG No.:	BG051524		
Lab Sample ID:	P2450-01			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 :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061203.D	1	5/13/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160877

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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01	SDG No.:	BG051524
Lab Sample ID:	P2450-01	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
BG061203.D	1	5/13/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160877

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	3	J	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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01	SDG No.:	BG051524
Lab Sample ID:	P2450-01	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
BG061203.D	1	5/13/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160877

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	59.977		10-139		40	SPK: -150
13127-88-3	Phenol-d6	30.935		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	95.097		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	97.102		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	1011UMR-RB240507-01	SDG No.:	BG051524
Lab Sample ID:	P2450-01	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
BG061203.D	1	5/13/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.498		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	89.893		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24532	7.925				
1146-65-2	Naphthalene-d8	93324	10.721				
15067-26-2	Acenaphthene-d10	71255	14.558				
1517-22-2	Phenanthrene-d10	167080	17.308				
1719-03-5	Chrysene-d12	173893	21.568				
1520-96-3	Perylene-d12	201984	24.693				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	3.6	J			3.066	
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.142	
000763-93-9	3-Hexen-2-one	81.5	J			4.458	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	54.9	A			5.052	
074630-52-7	3-Undecene, 6-methyl-, (E)-	4.5	J			7.989	
000090-05-1	Phenol, 2-methoxy-	6.7	J			9.018	
	unknown9.247	3.1	J			9.247	
000095-16-9	Benzothiazole	2.7	J			11.368	
000102-76-1	Triacetin	4.3	J			12.537	
1000279-85-7	Cyclohexanecarboxylic acid, 2-tetr	3.4	J			12.919	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3	J			17.972	
000112-95-8	Eicosane	2.5	J			20.727	
000301-02-0	9-Octadecenamide, (Z)-	31.5	J			23.001	

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DD	SDG No.:	BG051524
Lab Sample ID:	P2444-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061204.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	69.1	J	10.3	80	100	ug/L
110-86-1	Pyridine	280		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	160		16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	40	J	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	99.6		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DD	SDG No.:	BG051524
Lab Sample ID:	P2444-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061204.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	85.5	J	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	87.7		13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DD	SDG No.:	BG051524
Lab Sample ID:	P2444-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061204.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	150		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.124		10-139		96	SPK: -150
13127-88-3	Phenol-d6	121.793		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	96.142		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	100.996		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DD	SDG No.:	BG051524
Lab Sample ID:	P2444-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061204.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.172		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	94.244		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21100	7.925				
1146-65-2	Naphthalene-d8	83373	10.721				
15067-26-2	Acenaphthene-d10	63390	14.558				
1517-22-2	Phenanthrene-d10	155470	17.308				
1719-03-5	Chrysene-d12	161090	21.562				
1520-96-3	Perylene-d12	195498	24.687				

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMS	SDG No.:	BG051524
Lab Sample ID:	P2444-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061205.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		10.3	80	100	ug/L
110-86-1	Pyridine	150		15.5	40	50	ug/L
100-52-7	Benzaldehyde	95.8	J	40	80	100	ug/L
62-53-3	Aniline	77.7		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	440		16	80	100	ug/L
95-48-7	2-Methylphenol	460		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	420		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	480		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	510		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	470		11	40	50	ug/L
65-85-0	Benzoic acid	250		54.7	80	100	ug/L
91-20-3	Naphthalene	460		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	58.7		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMS	SDG No.:	BG051524
Lab Sample ID:	P2444-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061205.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	610		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	450		9.3	40	50	ug/L
208-96-8	Acenaphthylene	530		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	440		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	110		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7690		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	460		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	760		20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	880		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	440		15.2	40	50	ug/L
84-66-2	Diethylphthalate	430		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	380		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	300		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	430		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMS	SDG No.:	BG051524
Lab Sample ID:	P2444-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061205.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	800		18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	490		14.7	40	50	ug/L
206-44-0	Fluoranthene	480		12.9	40	50	ug/L
92-87-5	Benzidine	140		40.7	80	100	ug/L
129-00-0	Pyrene	480		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	500		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	180		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	520		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	520		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	510		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	440		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	540		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	310		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.044		10-139		93	SPK: -150
13127-88-3	Phenol-d6	120.409		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	91.974		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	95.802		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMS	SDG No.:	BG051524
Lab Sample ID:	P2444-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061205.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.223		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	90.159		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23280	7.929				
1146-65-2	Naphthalene-d8	91374	10.726				
15067-26-2	Acenaphthene-d10	71338	14.556				
1517-22-2	Phenanthrene-d10	170688	17.306				
1719-03-5	Chrysene-d12	175501	21.566				
1520-96-3	Perylene-d12	207524	24.686				

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMSD	SDG No.:	BG051524
Lab Sample ID:	P2444-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061206.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	360		10.3	80	100	ug/L
110-86-1	Pyridine	150		15.5	40	50	ug/L
100-52-7	Benzaldehyde	87.9	J	40	80	100	ug/L
62-53-3	Aniline	75.4		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	440		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	420		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		13.5	40	50	ug/L
98-86-2	Acetophenone	470		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	410		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	390		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	430		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	470		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	470		11	40	50	ug/L
65-85-0	Benzoic acid	260		54.7	80	100	ug/L
91-20-3	Naphthalene	460		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	44	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMSD	SDG No.:	BG051524
Lab Sample ID:	P2444-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061206.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	430		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	610		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	490		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	440		9.3	40	50	ug/L
208-96-8	Acenaphthylene	530		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	440		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	100		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7660		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	480		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	710		20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	440		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	880		27.6	40	100	ug/L
84-66-2	Diethylphthalate	430		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	460		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	390		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	330		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		11.4	40	50	ug/L
1912-24-9	Atrazine	430		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMSD	SDG No.:	BG051524
Lab Sample ID:	P2444-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061206.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	800	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	480		12.9	40	50	ug/L
92-87-5	Benzidine	130		40.7	80	100	ug/L
129-00-0	Pyrene	480		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	500		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	170		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	530		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	520		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	440		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	390		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	530		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	310		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	440		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.148		10-139		91	SPK: -150
13127-88-3	Phenol-d6	119.505		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	90.652		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	94.925		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	WC-DDMSD	SDG No.:	BG051524
Lab Sample ID:	P2444-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG061206.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.419		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	91.476		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23995	7.929				
1146-65-2	Naphthalene-d8	93275	10.725				
15067-26-2	Acenaphthene-d10	72790	14.556				
1517-22-2	Phenanthrene-d10	169886	17.306				
1719-03-5	Chrysene-d12	175029	21.566				
1520-96-3	Perylene-d12	207766	24.691				

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061207.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061207.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061207.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	270		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.158		10-139		86	SPK: -150
13127-88-3	Phenol-d6	107.789		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	87.902		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	91.332		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061207.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.87		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	89.001		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23444	7.928				
1146-65-2	Naphthalene-d8	93040	10.725				
15067-26-2	Acenaphthene-d10	71460	14.556				
1517-22-2	Phenanthrene-d10	168870	17.305				
1719-03-5	Chrysene-d12	177237	21.565				
1520-96-3	Perylene-d12	206636	24.685				

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BG051524
Lab Sample ID:	P2469-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061208.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BG051524
Lab Sample ID:	P2469-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061208.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BG051524
Lab Sample ID:	P2469-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061208.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	110		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.833		10-139		77	SPK: -150
13127-88-3	Phenol-d6	97.436		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	74.417		49-133		74	SPK: -100
321-60-8	2-Fluorobiphenyl	79.194		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BG051524
Lab Sample ID:	P2469-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061208.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.895		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	91.249		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23769	7.929				
1146-65-2	Naphthalene-d8	92365	10.72				
15067-26-2	Acenaphthene-d10	71543	14.557				
1517-22-2	Phenanthrene-d10	168912	17.306				
1719-03-5	Chrysene-d12	177695	21.566				
1520-96-3	Perylene-d12	207324	24.692				

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061209.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061209.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061209.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	104.266		10-139		70	SPK: -150
13127-88-3	Phenol-d6	84.095		10-134		56	SPK: -150
4165-60-0	Nitrobenzene-d5	75.896		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	79.45		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG061209.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.277		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	91.474		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24275	7.93				
1146-65-2	Naphthalene-d8	91739	10.721				
15067-26-2	Acenaphthene-d10	71857	14.558				
1517-22-2	Phenanthrene-d10	174657	17.307				
1719-03-5	Chrysene-d12	179051	21.567				
1520-96-3	Perylene-d12	212298	24.693				



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	WC-MH-II			SDG No.:	BG051524	
Lab Sample ID:	P2468-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14	
Sample Wt/Vol:	50.07	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
BG061210.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.5	U	60.5	190	230	ug/Kg
110-86-1	Pyridine	55.7	U	55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.5	U	67.5	90.6	120	ug/Kg
108-95-2	Phenol	57.8	U	57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.3	U	58.3	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	58.2	U	58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.9	U	58.9	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.9	U	59.9	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.3	U	60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	57.8	U	57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	56.2	U	56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.3	U	63.3	90.6	120	ug/Kg
98-86-2	Acetophenone	60.5	U	60.5	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.6	U	55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	57.8	U	57.8	90.6	120	ug/Kg
98-95-3	Nitrobenzene	63.3	U	63.3	90.6	120	ug/Kg
78-59-1	Isophorone	58.9	U	58.9	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	65.8	U	65.8	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.9	U	64.9	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.8	U	59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.6	U	52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.5	U	59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.5	U	57.5	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	57.5	U	57.5	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 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
BG061210.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.5	U	60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.5	U	57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.7	U	49.7	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	60.9	U	60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	56.9	U	56.9	90.6	120	ug/Kg
208-96-8	Acenaphthylene	60.3	U	60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	62.1	U	62.1	90.6	120	ug/Kg
83-32-9	Acenaphthene	56.5	U	56.5	90.6	120	ug/Kg
Total PAH	Total PAH	923.1	U	923.1	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.8	U	80.8	190	230	ug/Kg
132-64-9	Dibenzofuran	58.8	U	58.8	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	118.1	U	118.1	90.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.1	U	60.1	90.6	120	ug/Kg
84-66-2	Diethylphthalate	55.8	U	55.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.6	U	59.6	90.6	120	ug/Kg
86-73-7	Fluorene	59.6	U	59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	74.5	U	74.5	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.5	U	81.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.9	U	56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	55.5	U	55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	59.2	U	59.2	90.6	120	ug/Kg
1912-24-9	Atrazine	63.7	U	63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07	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
BG061210.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	58.5	U	58.5	90.6	120	ug/Kg
120-12-7	Anthracene	58.8	U	58.8	90.6	120	ug/Kg
86-74-8	Carbazole	55.9	U	55.9	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.7	U	58.7	90.6	120	ug/Kg
206-44-0	Fluoranthene	68.3	J	56.9	90.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	73.8	J	57.8	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.4	U	67.4	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.7	U	68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.2	U	56.2	90.6	120	ug/Kg
218-01-9	Chrysene	55.4	U	55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.4	U	63.4	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.6	U	76.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.5	U	56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.5	U	57.5	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.8	U	64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.4	U	54.4	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.6	U	56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.8	U	55.8	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.5	U	60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	76.6	U	76.6	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.484		18-112		90	SPK: -150
13127-88-3	Phenol-d6	122.329		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	80.909		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	83.858		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-II	SDG No.:	BG051524
Lab Sample ID:	P2468-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 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
BG061210.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.721		10-110		73	SPK: -150
1718-51-0	Terphenyl-d14	72.64		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25879	7.925				
1146-65-2	Naphthalene-d8	101939	10.722				
15067-26-2	Acenaphthene-d10	76414	14.553				
1517-22-2	Phenanthrene-d10	174268	17.302				
1719-03-5	Chrysene-d12	181229	21.562				
1520-96-3	Perylene-d12	217518	24.688				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	59.2	J			3.072	
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.148	
	unknown3.671	92.2	J			3.671	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	72.2	A			5.052	
000629-73-2	Cetene	56.4	J			21.227	



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	WC-MH-IIMS			SDG No.:	BG051524	
Lab Sample ID:	P2468-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14	
Sample Wt/Vol:	50.01	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
BG061211.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810		60.5	190	230	ug/Kg
110-86-1	Pyridine	680		55.7	90.7	120	ug/Kg
100-52-7	Benzaldehyde	340		130	190	230	ug/Kg
62-53-3	Aniline	390		67.6	90.7	120	ug/Kg
108-95-2	Phenol	1000		57.8	90.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		58.4	90.7	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.2	90.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	970		59	90.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	960		60	90.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	970		60.3	90.7	120	ug/Kg
100-51-6	Benzyl Alcohol	980		57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		56.2	90.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63.4	90.7	120	ug/Kg
98-86-2	Acetophenone	1000		60.6	90.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	930		55.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	990		57.9	90.7	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.3	90.7	120	ug/Kg
78-59-1	Isophorone	930		59	90.7	120	ug/Kg
88-75-5	2-Nitrophenol	1000		65.9	90.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		65	90.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		59.8	90.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.7	90.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.6	90.7	120	ug/Kg
65-85-0	Benzoic acid	520		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.6	90.7	120	ug/Kg
106-47-8	4-Chloroaniline	290		57.6	90.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		58.1	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-IIMS	SDG No.:	BG051524
Lab Sample ID:	P2468-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01 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
BG061211.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	830		60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		54.1	90.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	950		57.5	90.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.8	90.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		51.6	90.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		61	90.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.1	90.7	120	ug/Kg
88-74-4	2-Nitroaniline	1100		66.3	90.7	120	ug/Kg
131-11-3	Dimethylphthalate	960		57	90.7	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.3	90.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		58	90.7	120	ug/Kg
99-09-2	3-Nitroaniline	610		62.2	90.7	120	ug/Kg
83-32-9	Acenaphthene	1000		56.6	90.7	120	ug/Kg
Total PAH	Total PAH	16750		924.4	90.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	960		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1700		80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.9	90.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		60.1	90.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	870		118.1	90.7	240	ug/Kg
84-66-2	Diethylphthalate	910		55.9	90.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		59.7	90.7	120	ug/Kg
86-73-7	Fluorene	990		59.6	90.7	120	ug/Kg
100-01-6	4-Nitroaniline	860		74.6	90.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690		81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56.9	90.7	120	ug/Kg
103-33-3	Azobenzene	1000		55.5	90.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55	90.7	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.3	90.7	120	ug/Kg
1912-24-9	Atrazine	1200		63.8	90.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-IIMS	SDG No.:	BG051524
Lab Sample ID:	P2468-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01 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
BG061211.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		53.9	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.6	90.7	120	ug/Kg
120-12-7	Anthracene	1100		58.9	90.7	120	ug/Kg
86-74-8	Carbazole	1100		56	90.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.8	90.7	120	ug/Kg
206-44-0	Fluoranthene	1100		57	90.7	120	ug/Kg
92-87-5	Benzidine	950		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.9	90.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.5	90.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	700		68.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.3	90.7	120	ug/Kg
218-01-9	Chrysene	1100		55.5	90.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		63.5	90.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		56.6	90.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.6	90.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.9	90.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		54.5	90.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980		56.6	90.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		55.9	90.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.5	90.7	120	ug/Kg
123-91-1	1,4-Dioxane	730		76.7	90.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		52.1	90.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	880		58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.191		18-112		85	SPK: -150
13127-88-3	Phenol-d6	117.39		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	79.47		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	78.097		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-IIMS	SDG No.:	BG051524
Lab Sample ID:	P2468-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.01 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
BG061211.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.226		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	69.438		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27946	7.929				
1146-65-2	Naphthalene-d8	108132	10.726				
15067-26-2	Acenaphthene-d10	82617	14.557				
1517-22-2	Phenanthrene-d10	187682	17.306				
1719-03-5	Chrysene-d12	190818	21.572				
1520-96-3	Perylene-d12	231045	24.686				



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	WC-MH-IIMSD			SDG No.:	BG051524	
Lab Sample ID:	P2468-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14	
Sample Wt/Vol:	50.03	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
BG061212.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	830		60.5	190	230	ug/Kg
110-86-1	Pyridine	690		55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	370		130	190	230	ug/Kg
62-53-3	Aniline	430		67.6	90.6	120	ug/Kg
108-95-2	Phenol	1100		57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		58.4	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		59	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		60	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	980		57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63.4	90.6	120	ug/Kg
98-86-2	Acetophenone	1000		60.6	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	980		55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	1000		57.9	90.6	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.3	90.6	120	ug/Kg
78-59-1	Isophorone	930		59	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	1000		65.9	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		65	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	550		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.6	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	330		57.6	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		58.1	90.6	120	ug/Kg



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	WC-MH-IIMSD			SDG No.:	BG051524	
Lab Sample ID:	P2468-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14	
Sample Wt/Vol:	50.03	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
BG061212.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	800		60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.8	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.1	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	1100		66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	960		57	90.6	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	950		58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	590		62.2	90.6	120	ug/Kg
83-32-9	Acenaphthene	1000		56.5	90.6	120	ug/Kg
Total PAH	Total PAH	16940		923.9	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	890		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1700		80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.8	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	850		118.1	90.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	900		60.1	90.6	120	ug/Kg
84-66-2	Diethylphthalate	910		55.9	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		59.7	90.6	120	ug/Kg
86-73-7	Fluorene	970		59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	840		74.6	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740		81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	1000		55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.3	90.6	120	ug/Kg
1912-24-9	Atrazine	1200		63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-IIMSD	SDG No.:	BG051524
Lab Sample ID:	P2468-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03 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
BG061212.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		53.9	190	230	ug/Kg
85-01-8	Phenanthrene	1200		58.6	90.6	120	ug/Kg
120-12-7	Anthracene	1200		58.8	90.6	120	ug/Kg
86-74-8	Carbazole	1100		56	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.8	90.6	120	ug/Kg
206-44-0	Fluoranthene	1100		57	90.6	120	ug/Kg
92-87-5	Benzidine	1100		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.9	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.5	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730		68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.3	90.6	120	ug/Kg
218-01-9	Chrysene	1100		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		63.5	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.6	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		54.5	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		55.9	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	740		76.7	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920		52.1	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	880		58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.815		18-112		88	SPK: -150
13127-88-3	Phenol-d6	120.346		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.696		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	80.785		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WC-MH-IIMSD	SDG No.:	BG051524
Lab Sample ID:	P2468-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03 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
BG061212.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.928		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	71.09		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28724	7.929				
1146-65-2	Naphthalene-d8	113174	10.726				
15067-26-2	Acenaphthene-d10	84878	14.557				
1517-22-2	Phenanthrene-d10	184686	17.306				
1719-03-5	Chrysene-d12	184955	21.566				
1520-96-3	Perylene-d12	223570	24.692				

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.02	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
BG061213.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.3	U	60.3	190	230	ug/Kg
110-86-1	Pyridine	55.5	U	55.5	90.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.3	U	67.3	90.2	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.1	U	58.1	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	57.6	U	57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.1	U	63.1	90.2	120	ug/Kg
98-86-2	Acetophenone	60.3	U	60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.4	U	55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.6	U	57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	63	U	63	90.2	120	ug/Kg
78-59-1	Isophorone	58.7	U	58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.6	U	59.6	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.3	U	59.3	90.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.02	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
BG061213.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.3	U	60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.8	U	53.8	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.3	U	57.3	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.6	U	49.6	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.4	U	51.4	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60.7	U	60.7	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.9	U	65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.8	U	57.8	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.9	U	61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	90.2	120	ug/Kg
Total PAH	Total PAH	919.8	U	919.8	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.5	U	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	58.6	U	58.6	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	117.6	U	117.6	90.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.2	120	ug/Kg
84-66-2	Diethylphthalate	55.6	U	55.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	90.2	120	ug/Kg
86-73-7	Fluorene	59.4	U	59.4	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	74.3	U	74.3	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.2	U	81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	55.3	U	55.3	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.8	U	54.8	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90.2	120	ug/Kg
1912-24-9	Atrazine	63.4	U	63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.02	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
BG061213.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.7	U	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	58.3	U	58.3	90.2	120	ug/Kg
120-12-7	Anthracene	58.6	U	58.6	90.2	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.5	U	58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	56.7	U	56.7	90.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.6	U	57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.2	U	67.2	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.4	U	68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	56	90.2	120	ug/Kg
218-01-9	Chrysene	55.2	U	55.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.2	U	63.2	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.4	U	76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.3	U	56.3	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.3	U	57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.6	U	64.6	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.2	U	54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.4	U	56.4	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.6	U	55.6	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.3	U	60.3	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	76.4	U	76.4	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.9	U	51.9	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.8	U	57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.209		18-112		61	SPK: -150
13127-88-3	Phenol-d6	86.801		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.546		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	58.931		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	WCS-TPG	SDG No.:	BG051524
Lab Sample ID:	P2470-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.6
Sample Wt/Vol:	50.02 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
BG061213.D	1	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.86		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	55.716		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31601	7.929				
1146-65-2	Naphthalene-d8	119361	10.72				
15067-26-2	Acenaphthene-d10	89033	14.557				
1517-22-2	Phenanthrene-d10	192354	17.306				
1719-03-5	Chrysene-d12	190495	21.566				
1520-96-3	Perylene-d12	233557	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	61.3	J			3.076	
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.152	
	unknown3.675	53.9	J			3.675	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	52.3	J			19.357	
	unknown21.225	54.4	J			21.225	

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	OR-03-051324DL	SDG No.:	BG051524
Lab Sample ID:	P2466-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06	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
BG061214.D	10	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	860	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	640	U	640	860	1100	ug/Kg
108-95-2	Phenol	550	U	550	860	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	860	1100	ug/Kg
95-57-8	2-Chlorophenol	550	U	550	860	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	560	U	560	860	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	570	U	570	860	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	860	1100	ug/Kg
100-51-6	Benzyl Alcohol	550	U	550	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	860	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	600	U	600	860	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	860	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	530	530	ug/Kg
67-72-1	Hexachloroethane	550	U	550	860	1100	ug/Kg
98-95-3	Nitrobenzene	600	U	600	860	1100	ug/Kg
78-59-1	Isophorone	560	U	560	860	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	860	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	860	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	860	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	500	U	500	860	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	860	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	860	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	860	1100	ug/Kg
87-68-3	Hexachlorobutadiene	550	U	550	860	1100	ug/Kg



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	OR-03-051324DL			SDG No.:	BG051524	
Lab Sample ID:	P2466-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.4	
Sample Wt/Vol:	50.06	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
BG061214.D	10	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	860	1100	ug/Kg
91-57-6	2-Methylnaphthalene	550	U	550	860	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	860	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	860	1100	ug/Kg
92-52-4	1,1-Biphenyl	580	U	580	860	1100	ug/Kg
91-58-7	2-Chloronaphthalene	550	U	550	860	1100	ug/Kg
88-74-4	2-Nitroaniline	630	U	630	860	1100	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	860	1100	ug/Kg
208-96-8	Acenaphthylene	570	U	570	860	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	860	1100	ug/Kg
99-09-2	3-Nitroaniline	590	U	590	860	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	860	1100	ug/Kg
Total PAH	Total PAH	24530	UD	8800	860	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	770	U	770	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	860	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1120	U	1120	860	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	860	1100	ug/Kg
84-66-2	Diethylphthalate	530	U	530	860	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	860	1100	ug/Kg
86-73-7	Fluorene	570	U	570	860	1100	ug/Kg
100-01-6	4-Nitroaniline	710	U	710	860	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	770	U	770	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	540	U	540	860	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	860	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	860	1100	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	860	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	860	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	OR-03-051324DL	SDG No.:	BG051524
Lab Sample ID:	P2466-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06 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
BG061214.D	10	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510	U	510	1800	2200	ug/Kg
85-01-8	Phenanthrene	4200	D	560	860	1100	ug/Kg
120-12-7	Anthracene	820	JD	560	860	1100	ug/Kg
86-74-8	Carbazole	530	U	530	860	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	860	1100	ug/Kg
206-44-0	Fluoranthene	4800	D	540	860	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	4000	D	550	860	1100	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	640	860	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650	U	650	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	2000	D	530	860	1100	ug/Kg
218-01-9	Chrysene	2100	D	530	860	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	860	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	730	U	730	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200	D	540	860	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	980	JD	550	860	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	620	860	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790	JD	520	860	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	540	U	540	860	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840	JD	530	860	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	860	1100	ug/Kg
123-91-1	1,4-Dioxane	730	U	730	860	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	860	1100	ug/Kg
90-12-0	1-Methylnaphthalene	550	U	550	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.39		18-112		62	SPK: -150
13127-88-3	Phenol-d6	83.28		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	63.16		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	55.84		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	OR-03-051324DL	SDG No.:	BG051524
Lab Sample ID:	P2466-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.06 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
BG061214.D	10	5/14/2024 12:00:00 AM	5/15/2024 12:00:00 AM	PB160903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.4		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	50.35		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27993	7.93				
1146-65-2	Naphthalene-d8	105462	10.721				
15067-26-2	Acenaphthene-d10	76894	14.557				
1517-22-2	Phenanthrene-d10	168377	17.307				
1719-03-5	Chrysene-d12	168830	21.567				
1520-96-3	Perylene-d12	202625	24.687				

Hit Summary Sheet SW-846

SDG No.: BG051524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-DD								
P2444-04	WC-DD	water	3-Nitroaniline	87.700		13.7	50	ug/L
P2444-04	WC-DD	water	4-Chloroaniline	99.600		13	50	ug/L
P2444-04	WC-DD	water	Aniline	160.000		16	50	ug/L
P2444-04	WC-DD	water	Benzidine	150.000		40.7	100	ug/L
P2444-04	WC-DD	water	Benzyl Alcohol	40.000	J	16	100	ug/L
P2444-04	WC-DD	water	Caprolactam	85.500	J	16.5	100	ug/L
P2444-04	WC-DD	water	n-Nitrosodimethylamine	69.100	J	10.3	100	ug/L
P2444-04	WC-DD	water	Pyridine	280.000		15.5	50	ug/L
Total Svoc :				971.90				
Total Concentration:				971.90				
Client ID : 1011UMR-RB240507-01								
P2450-01	1011UMR-RB240507-01	Water	1-Pentene, 2-methyl-	*	3.600	J		
P2450-01	1011UMR-RB240507-01	Water	2-Pentanone, 4-hydroxy-4-methyl	*	54.900	A		
P2450-01	1011UMR-RB240507-01	Water	3-Hexen-2-one	*	81.500	J		
P2450-01	1011UMR-RB240507-01	Water	3-Undecene, 6-methyl-, (E)-	*	4.500	J		
P2450-01	1011UMR-RB240507-01	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.000	J		
P2450-01	1011UMR-RB240507-01	Water	9-Octadecenamide, (Z)-	*	31.500	J		
P2450-01	1011UMR-RB240507-01	Water	Benzothiazole	*	2.700	J		
P2450-01	1011UMR-RB240507-01	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P2450-01	1011UMR-RB240507-01	Water	Cyclohexanecarboxylic acid, 2-tet	*	3.400	J		
P2450-01	1011UMR-RB240507-01	Water	Eicosane	*	2.500	J		
P2450-01	1011UMR-RB240507-01	Water	Phenol, 2-methoxy-	*	6.700	J		
P2450-01	1011UMR-RB240507-01	Water	Triacetin	*	4.300	J		
P2450-01	1011UMR-RB240507-01	Water	unknown9.247	*	3.100	J		
Total Tics :				331.70				
P2450-01	1011UMR-RB240507-01	Water	Diethylphthalate		3.000	J 1	5	ug/L
Total Svoc :				3.00				
Total Concentration:				334.70				
Client ID : OR-03-051324DL								
P2466-01DL	OR-03-051324DL	Solid	Anthracene		820.000	JD 560	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Benzo(a)anthracene		2,000.000	D 530	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Benzo(a)pyrene		1,800.000	D 620	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Benzo(b)fluoranthene		2,200.000	D 540	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Benzo(g,h,i)perylene		840.000	JD 530	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Benzo(k)fluoranthene		980.000	JD 550	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Chrysene		2,100.000	D 530	1100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG051524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2466-01DL	OR-03-051324DL	Solid	Fluoranthene	4,800.000	D	540	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Indeno(1,2,3-cd)pyrene	790.000	JD	520	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Phenanthrene	4,200.000	D	560	1100	ug/Kg
P2466-01DL	OR-03-051324DL	Solid	Pyrene	4,000.000	D	550	1100	ug/Kg
Total Svoc :				24,530.00				
Total Concentration:				24,530.00				
Client ID : WC-MH-II								
P2468-01	WC-MH-II	Solid	1-Pentene, 2-methyl-	*	59.200	J		
P2468-01	WC-MH-II	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	72.200	A		
P2468-01	WC-MH-II	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2468-01	WC-MH-II	Solid	Cetene	*	56.400	J		
P2468-01	WC-MH-II	Solid	unknown3.671	*	92.200	J		
Total Tics :				1,780.00				
P2468-01	WC-MH-II	Solid	Fluoranthene	68.300	J	56.9	120	ug/Kg
P2468-01	WC-MH-II	Solid	Pyrene	73.800	J	57.8	120	ug/Kg
Total Svoc :				142.10				
Total Concentration:				1,922.10				
Client ID : WC-MH-II								
P2468-04	WC-MH-II	water	Benzidine	270.000		40.7	100	ug/L
Total Svoc :				270.00				
Total Concentration:				270.00				
Client ID : MH-A								
P2469-04	MH-A	water	Benzidine	110.000		40.7	100	ug/L
Total Svoc :				110.00				
Total Concentration:				110.00				
Client ID : WCS-TPG								
P2470-01	WCS-TPG	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	52.300	J		
P2470-01	WCS-TPG	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2470-01	WCS-TPG	Solid	Cyclohexane	*	61.300	J		
P2470-01	WCS-TPG	Solid	unknown21.225	*	54.400	J		
P2470-01	WCS-TPG	Solid	unknown3.675	*	53.900	J		
Total Tics :				1,421.90				
Total Concentration:				1,421.90				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG043024 SAS No.: BG043024 SDG No.: BG043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		1.074	1.202	1.072	1.152	1.114	1.124	4.0
Pyridine		1.143	1.136	1.111	1.242	1.182	1.170	3.8
2-Fluorophenol		0.992	0.989	0.925	1.023	0.978	0.983	3.0
Benzaldehyde		0.983	0.996	0.908	0.803	0.714	0.820	17.7
Aniline		1.346	1.419	1.530	1.452	1.450	1.442	4.5
Phenol-d6		1.375	1.382	1.540	1.466	1.433	1.455	4.3
Phenol		1.388	1.415	1.569	1.465	1.481	1.479	4.3
bis(2-Chloroethyl)ether		0.972	1.012	1.106	1.007	0.991	1.022	4.2
2-Chlorophenol		1.121	1.211	1.271	1.228	1.178	1.206	3.9
1,2-Dichlorobenzene		1.419	1.393	1.467	1.415	1.386	1.418	1.9
1,3-Dichlorobenzene		1.396	1.425	1.559	1.419	1.379	1.422	4.4
1,4-Dichlorobenzene		1.491	1.467	1.553	1.496	1.411	1.470	3.3
Benzyl Alcohol		1.295	1.158	1.446	1.302	1.282	1.312	6.7
2-Methylphenol		0.958	1.041	1.012	1.095	1.065	1.054	5.2
2,2-oxybis(1-Chloropropane)		2.139	2.208	2.110	2.241	2.221	2.218	3.3
Acetophenone		0.499	0.485	0.525	0.491	0.485	0.498	2.7
3+4-Methylphenols		1.355	1.528	1.476	1.560	1.535	1.521	5.6
n-Nitroso-di-n-propylamine	1.009	1.200	1.057	1.035	1.069	1.104	1.089	5.6
Nitrobenzene-d5		0.410	0.390	0.417	0.388	0.401	0.403	2.9
Hexachloroethane		0.507	0.569	0.469	0.564	0.516	0.525	6.5
Nitrobenzene		0.384	0.377	0.415	0.392	0.392	0.395	3.3
Isophorone		0.791	0.764	0.772	0.705	0.711	0.746	4.3
2-Nitrophenol		0.180	0.189	0.190	0.181	0.184	0.187	2.7
2,4-Dimethylphenol		0.205	0.213	0.226	0.208	0.220	0.216	3.5
bis(2-Chloroethoxy)methane		0.383	0.366	0.381	0.348	0.354	0.366	3.5
2,4-Dichlorophenol		0.333	0.323	0.357	0.328	0.334	0.338	3.6
1,2,4-Trichlorobenzene		0.415	0.390	0.429	0.396	0.396	0.407	3.4
Benzoic acid		0.195	0.224	0.275	0.248	0.263	0.249	11.9
Naphthalene		1.080	1.019	1.090	1.017	0.996	1.039	3.4
4-Chloroaniline		0.400	0.398	0.439	0.404	0.412	0.415	3.7
Hexachlorobutadiene		0.355	0.358	0.360	0.332	0.341	0.349	2.9
Caprolactam		0.134	0.128	0.128	0.112	0.114	0.122	6.8
4-Chloro-3-methylphenol		0.392	0.418	0.426	0.401	0.390	0.407	3.4
2-Methylnaphthalene		0.768	0.797	0.823	0.755	0.749	0.779	3.3
Hexachlorocyclopentadiene		0.203	0.212	0.248	0.285	0.272	0.256	13.8
2,4,6-Trichlorophenol		0.414	0.403	0.431	0.442	0.428	0.429	3.5

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.: BG043024

SAS No.: BG043024

SDG No.: BG043024

Instrument ID: _____

Calibration Date(s): 4/30/2024 : _____

Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.340	1.312	1.362	1.384	1.332	1.353	1.9
2,4,5-Trichlorophenol		0.452	0.470	0.505	0.500	0.486	0.485	3.9
1,1-Biphenyl		1.306	1.244	1.285	1.306	1.258	1.282	1.9
2-Chloronaphthalene		1.018	0.983	1.048	1.061	1.017	1.027	2.6
2-Nitroaniline		0.380	0.370	0.374	0.389	0.379	0.381	1.9
Dimethylphthalate		1.647	1.534	1.593	1.552	1.492	1.545	3.8
Acenaphthylene		1.571	1.507	1.619	1.620	1.558	1.577	2.5
2,6-Dinitrotoluene		0.354	0.326	0.323	0.338	0.326	0.330	3.5
3-Nitroaniline		0.317	0.305	0.319	0.299	0.289	0.302	3.9
Acenaphthene		0.984	0.937	1.017	1.009	0.971	0.984	2.7
2,4-Dinitrophenol		0.185	0.180	0.203	0.227	0.234	0.213	11.1
4-Nitrophenol		0.261	0.238	0.239	0.255	0.242	0.244	3.9
Dibenzofuran		1.695	1.651	1.684	1.695	1.640	1.662	1.7
2,4-Dinitrotoluene		0.477	0.491	0.513	0.506	0.487	0.489	3.3
Diethylphthalate		1.711	1.561	1.602	1.575	1.487	1.558	5.3
4-Chlorophenyl-phenylether		0.873	0.881	0.886	0.871	0.844	0.863	2.2
Fluorene		1.449	1.426	1.482	1.485	1.397	1.438	2.4
4-Nitroaniline		0.321	0.327	0.347	0.338	0.325	0.328	3.2
4,6-Dinitro-2-methylphenol		0.113	0.112	0.128	0.124	0.129	0.124	6.8
n-Nitrosodiphenylamine		0.489	0.480	0.517	0.484	0.490	0.496	2.8
Azobenzene		1.260	1.217	1.235	1.235	1.167	1.213	2.7
2,4,6-Tribromophenol		0.409	0.395	0.409	0.409	0.391	0.400	2.2
4-Bromophenyl-phenylether		0.219	0.223	0.243	0.234	0.237	0.236	4.7
Hexachlorobenzene		0.297	0.287	0.296	0.284	0.287	0.293	2.5
Atrazine		0.232	0.209	0.211	0.200	0.197	0.205	7.0
Pentachlorophenol		0.155	0.163	0.185	0.185	0.183	0.180	8.6
Phenanthrene		0.937	0.896	0.932	0.913	0.898	0.914	1.7
Anthracene		0.904	0.890	0.952	0.909	0.891	0.913	2.4
Carbazole		0.855	0.832	0.805	0.801	0.772	0.802	4.0
Di-n-butylphthalate		1.022	0.960	0.965	0.965	0.916	0.954	3.9
Fluoranthene		1.360	1.283	1.278	1.238	1.209	1.253	4.7
Benzidine		0.179	0.208	0.349	0.413	0.386	0.328	28.8
Pyrene		1.267	1.237	1.307	1.264	1.264	1.272	1.8
Terphenyl-d14		1.219	1.172	1.264	1.185	1.181	1.203	2.6
Butylbenzylphthalate		0.405	0.379	0.417	0.404	0.397	0.402	3.0
3,3-Dichlorobenzidine		0.482	0.451	0.486	0.472	0.463	0.471	2.5

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.: BG043024 SAS No.: BG043024 SDG No.: BG043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.383	1.264	1.336	1.282	1.282	1.309	3.1
Chrysene		1.301	1.204	1.233	1.200	1.196	1.226	3.0
Bis(2-ethylhexyl)phthalate		0.524	0.497	0.529	0.521	0.516	0.526	3.4
Di-n-octyl phthalate		0.929	0.858	0.938	0.933	0.922	0.927	3.8
Benzo(b)fluoranthene		1.164	1.062	1.145	1.081	1.092	1.118	3.5
Benzo(k)fluoranthene		1.160	1.053	1.086	1.062	1.036	1.075	3.7
Benzo(a)pyrene		1.043	0.922	0.988	0.951	0.945	0.974	4.0
Indeno(1,2,3-cd)pyrene		1.380	1.256	1.345	1.298	1.297	1.325	3.2
Dibenzo(a,h)anthracene		1.136	1.051	1.120	1.070	1.070	1.098	3.0
Benzo(g,h,i)perylene		1.110	1.057	1.107	1.076	1.066	1.091	2.2
1,2,4,5-Tetrachlorobenzene		0.680	0.612	0.682	0.681	0.656	0.667	4.1
1,4-Dioxane		0.457	0.464	0.337	0.401	0.367	0.398	11.8
2,3,4,6-Tetrachlorophenol		0.499	0.484	0.518	0.516	0.488	0.499	2.6
1-Methylnaphthalene		0.834	0.773	0.824	0.740	0.750	0.784	4.5

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.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDICCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 10:40

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	19701	7.961	90057	10.76	76062	14.59
UPPER LIMIT	39402	8.461	180114	11.258	152124	15.089
LOWER LIMIT	9850.5	7.461	45028.5	10.258	38031	14.089
EPA SAMPLE NO.						
01 PB160903BL	17196	7.93	63380	10.72	53496	14.56
02 PB160903BS	19422	7.93	78322	10.73	68608	14.56
03 PB160868TB	18143	7.93	63378	10.73	55660	14.56
04 1011UMR-RB240507-01	24532	7.93	93324	10.72	71255	14.56
05 WC-DD	21100	7.93	83373	10.72	63390	14.56
06 WC-DDMS	23280	7.93	91374	10.73	71338	14.56
07 WC-DDMSD	23995	7.93	93275	10.73	72790	14.56
08 WC-MH-II	23444	7.93	93040	10.73	71460	14.56
09 MH-A	23769	7.93	92365	10.72	71543	14.56
10 WCS-TPG	24275	7.93	91739	10.72	71857	14.56
11 WC-MH-II	25879	7.93	101939	10.72	76414	14.55
12 WC-MH-IIMS	27946	7.93	108132	10.73	82617	14.56
13 WC-MH-IIMSD	28724	7.93	113174	10.73	84878	14.56
14 WCS-TPG	31601	7.93	119361	10.72	89033	14.56
15 OR-03-051324DL	27993	7.93	105462	10.72	76894	14.56

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.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDCCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061199.D Time Analyzed: 10:40

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	24388	7.934	90927	10.73	76118	14.56
UPPER LIMIT	48776	8.434	181854	11.225	152236	15.062
LOWER LIMIT	12194	7.434	45463.5	10.225	38059	14.062
EPA SAMPLE NO.						
01 PB160903BL	17196	7.93	63380	10.72	53496	14.56
02 PB160903BS	19422	7.93	78322	10.73	68608	14.56
03 PB160868TB	18143	7.93	63378	10.73	55660	14.56
04 1011UMR-RB240507-01	24532	7.93	93324	10.72	71255	14.56
05 WC-DD	21100	7.93	83373	10.72	63390	14.56
06 WC-DDMS	23280	7.93	91374	10.73	71338	14.56
07 WC-DDMSD	23995	7.93	93275	10.73	72790	14.56
08 WC-MH-II	23444	7.93	93040	10.73	71460	14.56
09 MH-A	23769	7.93	92365	10.72	71543	14.56
10 WCS-TPG	24275	7.93	91739	10.72	71857	14.56
11 WC-MH-II	25879	7.93	101939	10.72	76414	14.55
12 WC-MH-IIMS	27946	7.93	108132	10.73	82617	14.56
13 WC-MH-IIMSD	28724	7.93	113174	10.73	84878	14.56
14 WCS-TPG	31601	7.93	119361	10.72	89033	14.56
15 OR-03-051324DL	27993	7.93	105462	10.72	76894	14.56

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.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDICCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 10:40

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	210074	17.333	211272	21.592	244242	24.73
	UPPER LIMIT	420148	17.833	422544	22.092	488484	25.23
	LOWER LIMIT	105037	16.833	105636	21.092	122121	24.23
	EPA SAMPLE NO.						
01	PB160903BL	153440	17.31	169460	21.57	194042	24.69
02	PB160903BS	176261	17.31	180587	21.57	202505	24.69
03	PB160868TB	164170	17.31	177184	21.57	204204	24.69
04	1011UMR-RB240507-01	167080	17.31	173893	21.57	201984	24.69
05	WC-DD	155470	17.31	161090	21.56	195498	24.69
06	WC-DDMS	170688	17.31	175501	21.57	207524	24.69
07	WC-DDMSD	169886	17.31	175029	21.57	207766	24.69
08	WC-MH-II	168870	17.31	177237	21.57	206636	24.69
09	MH-A	168912	17.31	177695	21.57	207324	24.69
10	WCS-TPG	174657	17.31	179051	21.57	212298	24.69
11	WC-MH-II	174268	17.30	181229	21.56	217518	24.69
12	WC-MH-IIMS	187682	17.31	190818	21.57	231045	24.69
13	WC-MH-IIMSD	184686	17.31	184955	21.57	223570	24.69
14	WCS-TPG	192354	17.31	190495	21.57	233557	24.69
15	OR-03-051324DL	168377	17.31	168830	21.57	202625	24.69

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDICCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 20:27

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	210074	17.333	211272	21.592	244242	24.73
UPPER LIMIT	420148	17.833	422544	22.092	488484	25.23
LOWER LIMIT	105037	16.833	105636	21.092	122121	24.23
EPA SAMPLE NO.						

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.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDCCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061199.D Time Analyzed: 10:40

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	187627	17.311	190208	21.571	217549	24.691
	UPPER LIMIT	375254	17.811	380416	22.071	435098	25.191
	LOWER LIMIT	93813.5	16.811	95104	21.071	108774.5	24.191
	EPA SAMPLE NO.						
01	PB160903BL	153440	17.31	169460	21.57	194042	24.69
02	PB160903BS	176261	17.31	180587	21.57	202505	24.69
03	PB160868TB	164170	17.31	177184	21.57	204204	24.69
04	1011UMR-RB240507-01	167080	17.31	173893	21.57	201984	24.69
05	WC-DD	155470	17.31	161090	21.56	195498	24.69
06	WC-DDMS	170688	17.31	175501	21.57	207524	24.69
07	WC-DDMSD	169886	17.31	175029	21.57	207766	24.69
08	WC-MH-II	168870	17.31	177237	21.57	206636	24.69
09	MH-A	168912	17.31	177695	21.57	207324	24.69
10	WCS-TPG	174657	17.31	179051	21.57	212298	24.69
11	WC-MH-II	174268	17.30	181229	21.56	217518	24.69
12	WC-MH-IIMS	187682	17.31	190818	21.57	231045	24.69
13	WC-MH-IIMSD	184686	17.31	184955	21.57	223570	24.69
14	WCS-TPG	192354	17.31	190495	21.57	233557	24.69
15	OR-03-051324DL	168377	17.31	168830	21.57	202625	24.69

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051524 SAS No.: BG051524 SDG NO.: BG051524

EPA Sample No.: SSTDCCC040 Date Analyzed: May 15 2024 12:00AM

Lab File ID: BG061199.D Time Analyzed: 20:27

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	187627	17.311	190208	21.571	217549	24.691
UPPER LIMIT	375254	17.811	380416	22.071	435098	25.191
LOWER LIMIT	93813.5	16.811	95104	21.071	108774.5	24.191
EPA SAMPLE NO.						

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.: BG051524

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160903BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	990	ug/Kg	58				28	98	
	Benzaldehyde	1700	960	ug/Kg	56				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	860	ug/Kg	51				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1000	ug/Kg	59				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	23800	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2500	ug/Kg	76				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG051524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160903BS	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2800	ug/Kg	82				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1600	ug/Kg	94				67	113	
	Pentachlorophenol	3300	2200	ug/Kg	67				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	1000	ug/Kg	30				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

1011UMR-RB240507-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051524

SAS No.: BG051524 SDG NO.: BG051524

Lab File ID: BG061203.D

Lab Sample ID: P2450-01

Instrument ID: BNA_G

Date Extracted: 05/13/2024

Matrix: (soil/water) Water

Date Analyzed: 05/15/2024

Level: (low/med) LOW

Time Analyzed: 12:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1011UMR-RB240507-01	P2450-01	BG061203.D	05/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160903BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051524

SAS No.: BG051524 SDG NO.: BG051524

Lab File ID: BG061200.D

Lab Sample ID: PB160903BL

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/15/2024

Level: (low/med) LOW

Time Analyzed: 10:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160903BS	PB160903BS	BG061201.D	05/15/2024
WC-MH-II	P2468-01	BG061210.D	05/15/2024
WC-MH-IIMS	P2468-01MS	BG061211.D	05/15/2024
WC-MH-IIMSD	P2468-01MSD	BG061212.D	05/15/2024
WCS-TPG	P2470-01	BG061213.D	05/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-DD

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051524

SAS No.: BG051524 SDG NO.: BG051524

Lab File ID: BG061204.D

Lab Sample ID: P2444-04

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) water

Date Analyzed: 05/15/2024

Level: (low/med) LOW

Time Analyzed: 13:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-DD	P2444-04	BG061204.D	05/15/2024
WC-DDMS	P2444-04MS	BG061205.D	05/15/2024
WC-DDMSD	P2444-04MSD	BG061206.D	05/15/2024
WC-MH-II	P2468-04	BG061207.D	05/15/2024
MH-A	P2469-04	BG061208.D	05/15/2024
WCS-TPG	P2470-04	BG061209.D	05/15/2024
PB160868TB	PB160868TB	BG061202.D	05/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2444-04MS	Client Sample ID:	WC-DDMS					DataFile:	BG061205.D		
n-Nitrosodimethylamine	500	69.1	350	ug/L	56				10	130	
Pyridine	500	280	150	ug/L	-26	*			10	109	
Benzaldehyde	500		95.8	ug/L	19				10	137	
Aniline	500	160	77.7	ug/L	-16	*			10	130	
Phenol	500		420	ug/L	84				10	130	
bis(2-Chloroethyl)ether	500		450	ug/L	90				29	141	
2-Chlorophenol	500		460	ug/L	92				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		450	ug/L	90				65	106	
1,4-Dichlorobenzene	500		430	ug/L	86				55	125	
Benzyl Alcohol	500	40	440	ug/L	80				31	94	
2-Methylphenol	500		460	ug/L	92				23	132	
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		430	ug/L	86				17	136	
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	
Hexachloroethane	500		440	ug/L	88				35	137	
Nitrobenzene	500		460	ug/L	92				40	134	
Isophorone	500		420	ug/L	84				39	146	
2-Nitrophenol	500		480	ug/L	96				30	148	
2,4-Dimethylphenol	500		510	ug/L	102				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		480	ug/L	96				22	146	
1,2,4-Trichlorobenzene	500		470	ug/L	94				66	110	
Benzoic acid	500		250	ug/L	50				10	101	
Naphthalene	500		460	ug/L	92				17	157	
4-Chloroaniline	500	99.6	58.7	ug/L	-8	*			10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500	85.5	300	ug/L	43				10	130	
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148	
2-Methylnaphthalene	500		450	ug/L	90				38	146	
Hexachlorocyclopentadiene	1000		610	ug/L	61				20	153	
2,4,6-Trichlorophenol	500		500	ug/L	100				46	139	
2,4,5-Trichlorophenol	500		470	ug/L	94				42	129	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		450	ug/L	90				42	147	
Acenaphthylene	500		530	ug/L	106				40	141	
2,6-Dinitrotoluene	500		440	ug/L	88				43	148	
3-Nitroaniline	500	87.7	110	ug/L	4	*			10	111	
Acenaphthene	500		470	ug/L	94				37	146	
Total PAH	8000		7690	ug/L	96				37	146	
2,4-Dinitrophenol	1000		460	ug/L	46				14	167	
4-Nitrophenol	1000		760	ug/L	76				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		440	ug/L	88				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		880	ug/L	88				40	151	
Diethylphthalate	500		430	ug/L	86				41	148	
4-Chlorophenyl-phenylether	500		460	ug/L	92				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		380	ug/L	76				27	138	
4,6-Dinitro-2-methylphenol	500		300	ug/L	60				32	175	
N-Nitrosodiphenylamine	500		490	ug/L	98				40	150	
Azobenzene	500		480	ug/L	96				72	112	
4-Bromophenyl-phenylether	500		510	ug/L	102				42	151	
Hexachlorobenzene	500		490	ug/L	98				60	129	
Atrazine	500		430	ug/L	86				20	162	
Pentachlorophenol	1000		800	ug/L	80				15	137	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		490	ug/L	98				40	151	
Fluoranthene	500		480	ug/L	96				42	146	
Benzidine	1000	150	140	ug/L	-1	*			10	130	
Pyrene	500		480	ug/L	96				41	149	
Butylbenzylphthalate	500		500	ug/L	100				39	155	
3,3-Dichlorobenzidine	500		180	ug/L	36				10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		520	ug/L	104				33	160	
Di-n-octyl phthalate	500		520	ug/L	104				36	158	
Benzo(b)fluoranthene	500		480	ug/L	96				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		510	ug/L	102				42	147	
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92				30	166	
Dibenz(a,h)anthracene	500		440	ug/L	88				23	172	
Benzo(g,h,i)perylene	500		400	ug/L	80				27	167	
1,2,4,5-Tetrachlorobenzene	500		540	ug/L	108	*			89	102	
1,4-Dioxane	500		310	ug/L	62				38	130	
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92				91	111	
1-Methylnaphthalene	500		410	ug/L	82				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2444-04MSD	Client Sample ID:	WC-DDMSD					DataFile:	BG061206.D		
n-Nitrosodimethylamine	500	69.1	360	ug/L	58		4		10	130	20
Pyridine	500	280	150	ug/L	-26	*	0		10	109	20
Benzaldehyde	500		87.9	ug/L	18		5		10	137	20
Aniline	500	160	75.4	ug/L	-17	*	6		10	130	20
Phenol	500		420	ug/L	84		0		10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		2		29	141	20
2-Chlorophenol	500		460	ug/L	92		0		23	127	20
1,2-Dichlorobenzene	500		440	ug/L	88		2		61	114	20
1,3-Dichlorobenzene	500		430	ug/L	86		5		65	106	20
1,4-Dichlorobenzene	500		430	ug/L	86		0		55	125	20
Benzyl Alcohol	500	40	420	ug/L	76		5		31	94	20
2-Methylphenol	500		450	ug/L	90		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96		0		36	141	20
Acetophenone	500		470	ug/L	94		2		31	164	20
3+4-Methylphenols	500		410	ug/L	82		5		17	136	20
N-Nitroso-di-n-propylamine	500		390	ug/L	78		7		36	147	20
Hexachloroethane	500		450	ug/L	90		2		35	137	20
Nitrobenzene	500		460	ug/L	92		0		40	134	20
Isophorone	500		430	ug/L	86		2		39	146	20
2-Nitrophenol	500		470	ug/L	94		2		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		2		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		0		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		0		22	146	20
1,2,4-Trichlorobenzene	500		470	ug/L	94		0		66	110	20
Benzoic acid	500		260	ug/L	52		4		10	101	20
Naphthalene	500		460	ug/L	92		0		17	157	20
4-Chloroaniline	500	99.6	44	ug/L	-11	*	32	*	10	95	20
Hexachlorobutadiene	500		450	ug/L	90		0		52	125	20
Caprolactam	500	85.5	290	ug/L	41		5		10	130	20
4-Chloro-3-methylphenol	500		430	ug/L	86		2		17	148	20
2-Methylnaphthalene	500		440	ug/L	88		2		38	146	20
Hexachlorocyclopentadiene	1000		610	ug/L	61		0		20	153	20
2,4,6-Trichlorophenol	500		490	ug/L	98		2		46	139	20
2,4,5-Trichlorophenol	500		470	ug/L	94		0		42	129	20
1,1-Biphenyl	500		500	ug/L	100		0		38	154	20
2-Chloronaphthalene	500		490	ug/L	98		0		41	145	20
2-Nitroaniline	500		490	ug/L	98		2		39	151	20
Dimethylphthalate	500		440	ug/L	88		2		42	147	20
Acenaphthylene	500		530	ug/L	106		0		40	141	20
2,6-Dinitrotoluene	500		440	ug/L	88		0		43	148	20
3-Nitroaniline	500	87.7	100	ug/L	2	*	67	*	10	111	20
Acenaphthene	500		470	ug/L	94		0		37	146	20
Total PAH	8000		7660	ug/L	96		0		37	146	20
2,4-Dinitrophenol	1000		480	ug/L	48		4		14	167	20
4-Nitrophenol	1000		710	ug/L	71		7		10	130	20
Dibenzofuran	500		480	ug/L	96		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		440	ug/L	88		0		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		880	ug/L	88		0		40	151	20
Diethylphthalate	500		430	ug/L	86		0		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		0		38	149	20
Fluorene	500		460	ug/L	92		2		39	144	20
4-Nitroaniline	500		390	ug/L	78		3		27	138	20
4,6-Dinitro-2-methylphenol	500		330	ug/L	66		10		32	175	20
N-Nitrosodiphenylamine	500		490	ug/L	98		0		40	150	20
Azobenzene	500		470	ug/L	94		2		72	112	20
4-Bromophenyl-phenylether	500		510	ug/L	102		0		42	151	20
Hexachlorobenzene	500		500	ug/L	100		2		60	129	20
Atrazine	500		430	ug/L	86		0		20	162	20
Pentachlorophenol	1000		800	ug/L	80		0		15	137	20
Phenanthrene	500		500	ug/L	100		0		40	147	20
Anthracene	500		510	ug/L	102		0		41	146	20
Carbazole	500		500	ug/L	100		2		37	154	20
Di-n-butylphthalate	500		500	ug/L	100		2		40	151	20
Fluoranthene	500		480	ug/L	96		0		42	146	20
Benzidine	1000	150	130	ug/L	-2	*	67	*	10	130	20
Pyrene	500		480	ug/L	96		0		41	149	20
Butylbenzylphthalate	500		500	ug/L	100		0		39	155	20
3,3-Dichlorobenzidine	500		170	ug/L	34		6		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		0		41	147	20
Chrysene	500		500	ug/L	100		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		530	ug/L	106		2		33	160	20
Di-n-octyl phthalate	500		520	ug/L	104		0		36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96		0		40	150	20
Benzo(k)fluoranthene	500		500	ug/L	100		2		40	147	20
Benzo(a)pyrene	500		520	ug/L	104		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		440	ug/L	88		4		30	166	20
Dibenz(a,h)anthracene	500		450	ug/L	90		2		23	172	20
Benzo(g,h,i)perylene	500		390	ug/L	78		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		530	ug/L	106	*	2		89	102	20
1,4-Dioxane	500		310	ug/L	62		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		440	ug/L	88	*	4		91	111	20
1-Methylnaphthalene	500		410	ug/L	82		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2468-01MS		Client Sample ID: WC-MH-IIMS		DataFile: BG061211.D							
n-Nitrosodimethylamine	1200		810	ug/Kg	68				66	124	
Pyridine	1200		680	ug/Kg	57				45	119	
Benzaldehyde	1200		340	ug/Kg	28				26	163	
Aniline	1200		390	ug/Kg	33				10	88	
Phenol	1200		1000	ug/Kg	83				67	126	
bis(2-Chloroethyl)ether	1200		990	ug/Kg	83				74	116	
2-Chlorophenol	1200		1100	ug/Kg	92				61	138	
1,2-Dichlorobenzene	1200		970	ug/Kg	81				61	105	
1,3-Dichlorobenzene	1200		960	ug/Kg	80				62	101	
1,4-Dichlorobenzene	1200		970	ug/Kg	81				63	104	
Benzyl Alcohol	1200		980	ug/Kg	82				47	126	
2-Methylphenol	1200		1000	ug/Kg	83				66	122	
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92				52	115	
Acetophenone	1200		1000	ug/Kg	83				75	111	
3+4-Methylphenols	1200		930	ug/Kg	78				53	132	
N-Nitroso-di-n-propylamine	1200		870	ug/Kg	73				59	119	
Hexachloroethane	1200		990	ug/Kg	83				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		930	ug/Kg	78				76	122	
2-Nitrophenol	1200		1000	ug/Kg	83				54	145	
2,4-Dimethylphenol	1200		1100	ug/Kg	92				83	144	
bis(2-Chloroethoxy)methane	1200		1000	ug/Kg	83				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83				57	103	
Benzoic acid	1200		520	ug/Kg	43	*			50	104	
Naphthalene	1200		1000	ug/Kg	83				72	110	
4-Chloroaniline	1200		290	ug/Kg	24				10	100	
Hexachlorobutadiene	1200		1000	ug/Kg	83				66	114	
Caprolactam	1200		830	ug/Kg	69				51	134	
4-Chloro-3-methylphenol	1200		940	ug/Kg	78				57	132	
2-Methylnaphthalene	1200		950	ug/Kg	79				59	123	
Hexachlorocyclopentadiene	2300		1300	ug/Kg	57				10	175	
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200		1000	ug/Kg	83				72	117	
1,1-Biphenyl	1200		1100	ug/Kg	92				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1100	ug/Kg	92				69	127	
Dimethylphthalate	1200		960	ug/Kg	80				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		960	ug/Kg	80				70	125	
3-Nitroaniline	1200		610	ug/Kg	51				20	111	
Acenaphthene	1200		1000	ug/Kg	83				70	121	
Total PAH	19200	0	16750	ug/Kg	87				70	121	
2,4-Dinitrophenol	2300		960	ug/Kg	42				16	160	
4-Nitrophenol	2300		1700	ug/Kg	74				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		1870	ug/Kg	78				55	128	
2,4-Dinitrotoluene	1200		910	ug/Kg	76				55	128	
Diethylphthalate	1200		910	ug/Kg	76				70	112	
4-Chlorophenyl-phenylether	1200		990	ug/Kg	83				71	108	
Fluorene	1200		990	ug/Kg	83				68	116	
4-Nitroaniline	1200		860	ug/Kg	72				55	120	
4,6-Dinitro-2-methylphenol	1200		690	ug/Kg	58				32	145	
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92				73	118	
Azobenzene	1200		1000	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1200	ug/Kg	100				79	127	
Pentachlorophenol	2300		1600	ug/Kg	70				47	128	
Phenanthrene	1200		1100	ug/Kg	92				72	113	
Anthracene	1200		1100	ug/Kg	92				62	124	
Carbazole	1200		1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200		1000	ug/Kg	83				69	118	
Fluoranthene	1200	68.3	1100	ug/Kg	86				59	125	
Benzidine	2300		950	ug/Kg	41				10	119	
Pyrene	1200	73.8	1100	ug/Kg	86				52	128	
Butylbenzylphthalate	1200		1100	ug/Kg	92				64	126	
3,3-Dichlorobenzidine	1200		700	ug/Kg	58				10	164	
Benzo(a)anthracene	1200		1100	ug/Kg	92				71	114	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200		1100	ug/Kg	92				66	127	
Di-n-octyl phthalate	1200		1100	ug/Kg	92				71	126	
Benzo(b)fluoranthene	1200		1100	ug/Kg	92				67	121	
Benzo(k)fluoranthene	1200		1100	ug/Kg	92				74	114	
Benzo(a)pyrene	1200		1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200		950	ug/Kg	79				61	125	
Dibenz(a,h)anthracene	1200		980	ug/Kg	82				67	130	
Benzo(g,h,i)perylene	1200		830	ug/Kg	69				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		730	ug/Kg	61				46	112	
2,3,4,6-Tetrachlorophenol	1200		960	ug/Kg	80				56	133	
1-Methylnaphthalene	1200		880	ug/Kg	73				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2468-01MSD	Client Sample ID:	WC-MH-IIMSD					DataFile:	BG061212.D		
n-Nitrosodimethylamine	1200		830	ug/Kg	69		1		66	124	20
Pyridine	1200		690	ug/Kg	58		2		45	119	20
Benzaldehyde	1200		370	ug/Kg	31		10		26	163	20
Aniline	1200		430	ug/Kg	36		9		10	88	20
Phenol	1200		1100	ug/Kg	92		10		67	126	20
bis(2-Chloroethyl)ether	1200		1000	ug/Kg	83		0		74	116	20
2-Chlorophenol	1200		1100	ug/Kg	92		0		61	138	20
1,2-Dichlorobenzene	1200		1000	ug/Kg	83		2		61	105	20
1,3-Dichlorobenzene	1200		1000	ug/Kg	83		4		62	101	20
1,4-Dichlorobenzene	1200		990	ug/Kg	83		2		63	104	20
Benzyl Alcohol	1200		980	ug/Kg	82		0		47	126	20
2-Methylphenol	1200		1000	ug/Kg	83		0		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92		0		52	115	20
Acetophenone	1200		1000	ug/Kg	83		0		75	111	20
3+4-Methylphenols	1200		980	ug/Kg	82		5		53	132	20
N-Nitroso-di-n-propylamine	1200		940	ug/Kg	78		7		59	119	20
Hexachloroethane	1200		1000	ug/Kg	83		0		65	117	20
Nitrobenzene	1200		1000	ug/Kg	83		0		70	119	20
Isophorone	1200		930	ug/Kg	78		0		76	122	20
2-Nitrophenol	1200		1000	ug/Kg	83		0		54	145	20
2,4-Dimethylphenol	1200		1100	ug/Kg	92		0		83	144	20
bis(2-Chloroethoxy)methane	1200		1000	ug/Kg	83		0		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		0		72	118	20
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92		10		57	103	20
Benzoic acid	1200		550	ug/Kg	46	*	7		50	104	20
Naphthalene	1200		1000	ug/Kg	83		0		72	110	20
4-Chloroaniline	1200		330	ug/Kg	28		15		10	100	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		0		66	114	20
Caprolactam	1200		800	ug/Kg	67		3		51	134	20
4-Chloro-3-methylphenol	1200		930	ug/Kg	78		0		57	132	20
2-Methylnaphthalene	1200		960	ug/Kg	80		1		59	123	20
Hexachlorocyclopentadiene	2300		1300	ug/Kg	57		0		10	175	20
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92		0		72	117	20
2,4,5-Trichlorophenol	1200		1000	ug/Kg	83		0		72	117	20
1,1-Biphenyl	1200		1100	ug/Kg	92		0		75	113	20
2-Chloronaphthalene	1200		1100	ug/Kg	92		0		67	118	20
2-Nitroaniline	1200		1100	ug/Kg	92		0		69	127	20
Dimethylphthalate	1200		960	ug/Kg	80		0		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		0		79	118	20
2,6-Dinitrotoluene	1200		950	ug/Kg	79		1		70	125	20
3-Nitroaniline	1200		590	ug/Kg	49		4		20	111	20
Acenaphthene	1200		1000	ug/Kg	83		0		70	121	20
Total PAH	19200	0	16940	ug/Kg	88		1		70	121	20
2,4-Dinitrophenol	2300		890	ug/Kg	39		7		16	160	20
4-Nitrophenol	2300		1700	ug/Kg	74		0		45	133	20
Dibenzofuran	1200		1000	ug/Kg	83		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		1850	ug/Kg	77		1		55	128	20
2,4-Dinitrotoluene	1200		900	ug/Kg	75		1		55	128	20
Diethylphthalate	1200		910	ug/Kg	76		0		70	112	20
4-Chlorophenyl-phenylether	1200		960	ug/Kg	80		4		71	108	20
Fluorene	1200		970	ug/Kg	81		2		68	116	20
4-Nitroaniline	1200		840	ug/Kg	70		3		55	120	20
4,6-Dinitro-2-methylphenol	1200		740	ug/Kg	62		7		32	145	20
N-Nitrosodiphenylamine	1200		1200	ug/Kg	100		8		73	118	20
Azobenzene	1200		1000	ug/Kg	83		0		73	110	20
4-Bromophenyl-phenylether	1200		1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200		1100	ug/Kg	92		0		67	118	20
Atrazine	1200		1200	ug/Kg	100		0		79	127	20
Pentachlorophenol	2300		1600	ug/Kg	70		0		47	128	20
Phenanthrene	1200		1200	ug/Kg	100		8		72	113	20
Anthracene	1200		1200	ug/Kg	100		8		62	124	20
Carbazole	1200		1100	ug/Kg	92		0		59	119	20
Di-n-butylphthalate	1200		1000	ug/Kg	83		0		69	118	20
Fluoranthene	1200	68.3	1100	ug/Kg	86		0		59	125	20
Benzidine	2300		1100	ug/Kg	48		16		10	119	20
Pyrene	1200	73.8	1100	ug/Kg	86		0		52	128	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		0		64	126	20
3,3-Dichlorobenzidine	1200		730	ug/Kg	61		5		10	164	20
Benzo(a)anthracene	1200		1100	ug/Kg	92		0		71	114	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1200	ug/Kg	100		8		66	127	20
Di-n-octyl phthalate	1200		1100	ug/Kg	92		0		71	126	20
Benzo(b)fluoranthene	1200		1100	ug/Kg	92		0		67	121	20
Benzo(k)fluoranthene	1200		1100	ug/Kg	92		0		74	114	20
Benzo(a)pyrene	1200		1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200		960	ug/Kg	80		1		61	125	20
Dibenz(a,h)anthracene	1200		960	ug/Kg	80		2		67	130	20
Benzo(g,h,i)perylene	1200		850	ug/Kg	71		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100		0		69	124	20
1,4-Dioxane	1200		740	ug/Kg	62		2		46	112	20
2,3,4,6-Tetrachlorophenol	1200		920	ug/Kg	77		4		56	133	20
1-Methylnaphthalene	1200		880	ug/Kg	73		0		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BG051524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2450-01	1011UMR-RB2405	BG061203.D	2-Fluorophenol	150	59.98	40		10	139
			Phenol-d6	150	30.94	21		10	134
			Nitrobenzene-d5	100	95.10	95		49	133
			2-Fluorobiphenyl	100	97.10	97		52	132
			2,4,6-Tribromophenol	150	130.50	87		32	145
			Terphenyl-d14	100	89.89	90		36	145

Surrogate Summary

SW-846

SDG No.: **BG051524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2466-01DL	OR-03-051324DL	BG061214.D	2-Fluorophenol	150	93.39	62		18	112
			Phenol-d6	150	83.28	56		15	107
			Nitrobenzene-d5	100	63.16	63		18	107
			2-Fluorobiphenyl	100	55.84	56		20	109
			2,4,6-Tribromophenol	150	69.40	46		10	110
			Terphenyl-d14	100	50.35	50		14	112
P2468-01	WC-MH-II	BG061210.D	2-Fluorophenol	150	134.48	90		18	112
			Phenol-d6	150	122.33	82		15	107
			Nitrobenzene-d5	100	80.91	81		18	107
			2-Fluorobiphenyl	100	83.86	84		20	109
			2,4,6-Tribromophenol	150	109.72	73		10	110
			Terphenyl-d14	100	72.64	73		14	112
P2468-01MS	WC-MH-IIMS	BG061211.D	2-Fluorophenol	150	128.19	85		18	112
			Phenol-d6	150	117.39	78		15	107
			Nitrobenzene-d5	100	79.47	79		18	107
			2-Fluorobiphenyl	100	78.10	78		20	109
			2,4,6-Tribromophenol	150	107.23	71		10	110
			Terphenyl-d14	100	69.44	69		14	112
P2468-01MSD	WC-MH-IIMSD	BG061212.D	2-Fluorophenol	150	131.82	88		18	112
			Phenol-d6	150	120.35	80		15	107
			Nitrobenzene-d5	100	80.70	81		18	107
			2-Fluorobiphenyl	100	80.79	81		20	109
			2,4,6-Tribromophenol	150	104.93	70		10	110
			Terphenyl-d14	100	71.09	71		14	112
P2470-01	WCS-TPG	BG061213.D	2-Fluorophenol	150	92.21	61		18	112
			Phenol-d6	150	86.80	58		15	107
			Nitrobenzene-d5	100	60.55	61		18	107
			2-Fluorobiphenyl	100	58.93	59		20	109
			2,4,6-Tribromophenol	150	76.86	51		10	110
			Terphenyl-d14	100	55.72	56		14	112
PB160903BL	PB160903BL	BG061200.D	2-Fluorophenol	150	161.29	108		18	112
			Phenol-d6	150	147.06	98		15	107
			Nitrobenzene-d5	100	95.43	95		18	107
			2-Fluorobiphenyl	100	92.43	92		20	109
			2,4,6-Tribromophenol	150	145.39	97		10	110
			Terphenyl-d14	100	94.08	94		14	112
PB160903BS	PB160903BS	BG061201.D	2-Fluorophenol	150	168.61	112		18	112
			Phenol-d6	150	152.22	101		15	107
			Nitrobenzene-d5	100	86.68	87		18	107
			2-Fluorobiphenyl	100	82.92	83		20	109
			2,4,6-Tribromophenol	150	123.69	82		10	110
			Terphenyl-d14	100	84.00	84		14	112

Surrogate Summary

SW-846

SDG No.: **BG051524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2444-04	WC-DD	BG061204.D	2-Fluorophenol	150	144.12	96		10	139
			Phenol-d6	150	121.79	81		10	134
			Nitrobenzene-d5	100	96.14	96		49	133
			2-Fluorobiphenyl	100	101.00	101		52	132
			2,4,6-Tribromophenol	150	133.17	89		32	145
			Terphenyl-d14	100	94.24	94		36	145
P2444-04MS	WC-DDMS	BG061205.D	2-Fluorophenol	150	139.04	93		10	139
			Phenol-d6	150	120.41	80		10	134
			Nitrobenzene-d5	100	91.97	92		49	133
			2-Fluorobiphenyl	100	95.80	96		52	132
			2,4,6-Tribromophenol	150	131.22	87		32	145
			Terphenyl-d14	100	90.16	90		36	145
P2444-04MSD	WC-DDMSD	BG061206.D	2-Fluorophenol	150	137.15	91		10	139
			Phenol-d6	150	119.51	80		10	134
			Nitrobenzene-d5	100	90.65	91		49	133
			2-Fluorobiphenyl	100	94.93	95		52	132
			2,4,6-Tribromophenol	150	127.42	85		32	145
			Terphenyl-d14	100	91.48	91		36	145
P2468-04	WC-MH-II	BG061207.D	2-Fluorophenol	150	129.16	86		10	139
			Phenol-d6	150	107.79	72		10	134
			Nitrobenzene-d5	100	87.90	88		49	133
			2-Fluorobiphenyl	100	91.33	91		52	132
			2,4,6-Tribromophenol	150	111.87	75		32	145
			Terphenyl-d14	100	89.00	89		36	145
P2469-04	MH-A	BG061208.D	2-Fluorophenol	150	114.83	77		10	139
			Phenol-d6	150	97.44	65		10	134
			Nitrobenzene-d5	100	74.42	74		49	133
			2-Fluorobiphenyl	100	79.19	79		52	132
			2,4,6-Tribromophenol	150	112.90	75		32	145
			Terphenyl-d14	100	91.25	91		36	145
P2470-04	WCS-TPG	BG061209.D	2-Fluorophenol	150	104.27	70		10	139
			Phenol-d6	150	84.10	56		10	134
			Nitrobenzene-d5	100	75.90	76		49	133
			2-Fluorobiphenyl	100	79.45	79		52	132
			2,4,6-Tribromophenol	150	120.28	80		32	145
			Terphenyl-d14	100	91.47	91		36	145
PB160868TB	PB160868TB	BG061202.D	2-Fluorophenol	150	160.44	107		10	139
			Phenol-d6	150	148.74	99		10	134
			Nitrobenzene-d5	100	102.91	103		49	133
			2-Fluorobiphenyl	100	91.94	92		52	132
			2,4,6-Tribromophenol	150	142.91	95		32	145
			Terphenyl-d14	100	93.90	94		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG051524

Lab Code: CHEM

SAS No.: BG051524

SDG NO.: BG051524

Lab File ID: BG061198.D

DFTPP Injection Date: 05/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.8
68	Less than 2.0% of mass 69	0.2 (0.8) 1
69	Mass 69 relative abundance	20.7
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	26.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.6
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 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	BG061199.D	05/15/2024	09:59
PB160903BL	PB160903BL	BG061200.D	05/15/2024	10:40
PB160903BS	PB160903BS	BG061201.D	05/15/2024	11:21
PB160868TB	PB160868TB	BG061202.D	05/15/2024	12:02
1011UMR-RB240507-01	P2450-01	BG061203.D	05/15/2024	12:56
WC-DD	P2444-04	BG061204.D	05/15/2024	13:37
WC-DDMS	P2444-04MS	BG061205.D	05/15/2024	14:18
WC-DDMSD	P2444-04MSD	BG061206.D	05/15/2024	14:59
WC-MH-II	P2468-04	BG061207.D	05/15/2024	15:40
MH-A	P2469-04	BG061208.D	05/15/2024	16:21
WCS-TPG	P2470-04	BG061209.D	05/15/2024	17:02
WC-MH-II	P2468-01	BG061210.D	05/15/2024	17:43
WC-MH-IIMS	P2468-01MS	BG061211.D	05/15/2024	18:24
WC-MH-IIMSD	P2468-01MSD	BG061212.D	05/15/2024	19:05
WCS-TPG	P2470-01	BG061213.D	05/15/2024	19:46
OR-03-051324DL	P2466-01DL	BG061214.D	05/15/2024	20:27