

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051624 SAS No.: BG051624 SDG No.: BG051624

Instrument ID: BNA_G Calibration Date/Time: 5/16/2024 11:34

Lab File ID: BG061216.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	0.939		-16.459	
Pyridine	1.170	1.039		-11.197	
2-Fluorophenol	0.983	0.994		1.119	
Benzaldehyde	0.820	0.867		5.732	
Aniline	1.442	1.349		-6.449	
Phenol-d6	1.455	1.420		-2.405	
Phenol	1.479	1.452		-1.826	20.0
bis(2-Chloroethyl) ether	1.022	1.043		2.055	
2-Chlorophenol	1.206	1.161		-3.731	
1,2-Dichlorobenzene	1.418	1.368		-3.526	
1,3-Dichlorobenzene	1.422	1.387		-2.461	
1,4-Dichlorobenzene	1.470	1.423		-3.197	20.0
Benzyl Alcohol	1.312	1.225		-6.631	
2-Methylphenol	1.054	1.018		-3.416	
2,2-oxybis(1-Chloropropane)	2.218	2.371		6.898	
Acetophenone	0.498	0.510		2.41	
3+4-Methylphenols	1.521	1.388		-8.744	
n-Nitroso-di-n-propylamine	1.089	1.000	0.050	-8.173	
Nitrobenzene-d5	0.403	0.418		3.722	
Hexachloroethane	0.525	0.540		2.857	
Nitrobenzene	0.395	0.414		4.81	
Isophorone	0.746	0.715		-4.155	
2-Nitrophenol	0.187	0.193		3.209	20.0
2,4-Dimethylphenol	0.216	0.208		-3.704	
bis(2-Chloroethoxy) methane	0.366	0.377		3.005	
2,4-Dichlorophenol	0.338	0.322		-4.734	20.0
1,2,4-Trichlorobenzene	0.407	0.412		1.229	
Benzoic acid	0.249	0.125		-49.799	
Naphthalene	1.039	1.029		-0.962	
4-Chloroaniline	0.415	0.391		-5.783	
Hexachlorobutadiene	0.349	0.369		5.731	20.0
Caprolactam	0.122	0.130		6.557	
4-Chloro-3-methylphenol	0.407	0.373		-8.354	20.0
2-Methylnaphthalene	0.779	0.725		-6.932	
Hexachlorocyclopentadiene	0.256	0.274	0.050	7.031	
2,4,6-Trichlorophenol	0.429	0.401		-6.527	20.0
2-Fluorobiphenyl	1.353	1.361		0.591	
2,4,5-Trichlorophenol	0.485	0.442		-8.866	
1,1-Biphenyl	1.282	1.282		0.0	

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Instrument ID: BNA_G Calibration Date/Time: 5/16/2024 11:34

Lab File ID: BG061216.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	1.027		0.0	
2-Nitroaniline	0.381	0.377		-1.05	
Dimethylphthalate	1.545	1.433		-7.249	
Acenaphthylene	1.577	1.543		-2.156	
2,6-Dinitrotoluene	0.330	0.313		-5.152	
3-Nitroaniline	0.302	0.281		-6.954	
Acenaphthene	0.984	0.952		-3.252	20.0
2,4-Dinitrophenol	0.213	0.202	0.050	-5.164	
4-Nitrophenol	0.244	0.231	0.050	-5.328	
Dibenzofuran	1.662	1.587		-4.513	
2,4-Dinitrotoluene	0.489	0.457		-6.544	
Diethylphthalate	1.558	1.402		-10.013	
4-Chlorophenyl-phenylether	0.863	0.809		-6.257	
Fluorene	1.438	1.329		-7.58	
4-Nitroaniline	0.328	0.296		-9.756	
4,6-Dinitro-2-methylphenol	0.124	0.121		-2.419	
n-Nitrosodiphenylamine	0.496	0.495		-0.202	20.0
Azobenzene	1.213	1.172		-3.38	
2,4,6-Tribromophenol	0.400	0.343		-14.25	
4-Bromophenyl-phenylether	0.236	0.240		1.695	
Hexachlorobenzene	0.293	0.292		-0.341	
Atrazine	0.205	0.177		-13.659	
Pentachlorophenol	0.180	0.152		-15.556	20.0
Phenanthrene	0.914	0.881		-3.611	
Anthracene	0.913	0.883		-3.286	
Carbazole	0.802	0.777		-3.117	
Di-n-butylphthalate	0.954	0.938		-1.677	
Fluoranthene	1.253	1.198		-4.389	20.0
Benzidine	0.328	0.316		-3.659	
Pyrene	1.272	1.232		-3.145	
Terphenyl-d14	1.203	1.150		-4.406	
Butylbenzylphthalate	0.402	0.402		0.0	
3,3-Dichlorobenzidine	0.471	0.441		-6.369	
Benzo(a)anthracene	1.309	1.258		-3.896	
Chrysene	1.226	1.182		-3.589	
Bis(2-ethylhexyl)phthalate	0.526	0.542		3.042	
Di-n-octyl phthalate	0.927	0.924		-0.324	20.0
Benzo(b)fluoranthene	1.118	1.039		-7.066	
Benzo(k)fluoranthene	1.075	1.065		-0.93	

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Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG051624 SAS No.: BG051624 SDG No.: BG051624
Instrument ID: BNA_G Calibration Date/Time: 5/16/2024 11:34
Lab File ID: BG061216.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	0.934		-4.107	20.0
Indeno(1,2,3-cd)pyrene	1.325	1.285		-3.019	
Dibenzo(a,h)anthracene	1.098	1.066		-2.914	
Benzo(g,h,i)perylene	1.091	1.047		-4.033	
1,2,4,5-Tetrachlorobenzene	0.667	0.704		5.547	
1,4-Dioxane	0.398	0.359		-9.799	20.0
2,3,4,6-Tetrachlorophenol	0.499	0.426		-14.629	
1-Methylnaphthalene	0.784	0.710		-9.439	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BL	SDG No.:	BG051624
Lab Sample ID:	PB160933BL	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
BG061217.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

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

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BL	SDG No.:	BG051624
Lab Sample ID:	PB160933BL	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
BG061217.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

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

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BL	SDG No.:	BG051624
Lab Sample ID:	PB160933BL	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
BG061217.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	158.049		18-112		105	SPK: -150
13127-88-3	Phenol-d6	140.586		15-107		94	SPK: -150
4165-60-0	Nitrobenzene-d5	94.694		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.509		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BL	SDG No.:	BG051624
Lab Sample ID:	PB160933BL	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
BG061217.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.508		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	90.876		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19319	7.932				
1146-65-2	Naphthalene-d8	73463	10.723				
15067-26-2	Acenaphthene-d10	60773	14.56				
1517-22-2	Phenanthrene-d10	162968	17.309				
1719-03-5	Chrysene-d12	177430	21.569				
1520-96-3	Perylene-d12	207198	24.695				

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BS	SDG No.:	BG051624
Lab Sample ID:	PB160933BS	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
BG061218.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	810		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	940		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	PB160933BS			SDG No.:	BG051624	
Lab Sample ID:	PB160933BS			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
BG061218.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	23300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2400		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	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		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BS	SDG No.:	BG051624
Lab Sample ID:	PB160933BS	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
BG061218.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	910		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	153.864		18-112		103	SPK: -150
13127-88-3	Phenol-d6	141.729		15-107		94	SPK: -150
4165-60-0	Nitrobenzene-d5	85.685		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.901		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	PB160933BS	SDG No.:	BG051624
Lab Sample ID:	PB160933BS	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
BG061218.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.024		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	84.367		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22127	7.927				
1146-65-2	Naphthalene-d8	91112	10.723				
15067-26-2	Acenaphthene-d10	77227	14.56				
1517-22-2	Phenanthrene-d10	188664	17.31				
1719-03-5	Chrysene-d12	186713	21.57				
1520-96-3	Perylene-d12	214339	24.689				

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:	SP25-06-20240510-WC			SDG No.:	BG051624		
Lab Sample ID:	P2454-02			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BG061219.D	1	5/14/2024 12:00:00 AM	5/16/2024 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:	SP25-06-20240510-WC	SDG No.:	BG051624
Lab Sample ID:	P2454-02	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
BG061219.D	1	5/14/2024 12:00:00 AM	5/16/2024 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:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SP25-06-20240510-WC	SDG No.:	BG051624
Lab Sample ID:	P2454-02	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
BG061219.D	1	5/14/2024 12:00:00 AM	5/16/2024 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	129.907		10-139		87	SPK: -150
13127-88-3	Phenol-d6	102.021		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	92.539		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	95.193		52-132		95	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:	SP25-06-20240510-WC	SDG No.:	BG051624
Lab Sample ID:	P2454-02	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
BG061219.D	1	5/14/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160921

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.29		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	89.121		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23446	7.926				
1146-65-2	Naphthalene-d8	88638	10.723				
15067-26-2	Acenaphthene-d10	67679	14.554				
1517-22-2	Phenanthrene-d10	165115	17.304				
1719-03-5	Chrysene-d12	168148	21.563				
1520-96-3	Perylene-d12	201209	24.683				

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:	B-114-SB01	SDG No.:	BG051624
Lab Sample ID:	P2474-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.8
Sample Wt/Vol:	30.07	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
BG061220.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	450	550	ug/Kg
110-86-1	Pyridine	130	U	130	220	280	ug/Kg
100-52-7	Benzaldehyde	300	U	300	450	550	ug/Kg
62-53-3	Aniline	160	U	160	220	280	ug/Kg
108-95-2	Phenol	140	U	140	220	280	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	280	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	280	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	280	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	220	280	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	220	280	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	450	550	ug/Kg
95-48-7	2-Methylphenol	130	U	130	220	280	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	220	280	ug/Kg
98-86-2	Acetophenone	140	U	140	220	280	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	450	550	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	66.8	U	66.8	130	130	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	280	ug/Kg
98-95-3	Nitrobenzene	150	U	150	220	280	ug/Kg
78-59-1	Isophorone	140	U	140	220	280	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	280	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	220	280	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	220	280	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	280	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	220	280	ug/Kg
65-85-0	Benzoic acid	390	U	390	450	550	ug/Kg
91-20-3	Naphthalene	140	U	140	220	280	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	280	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	280	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:	B-114-SB01	SDG No.:	BG051624
Lab Sample ID:	P2474-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.8
Sample Wt/Vol:	30.07 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
BG061220.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	450	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	280	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	450	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	220	280	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	220	280	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	280	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	280	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	280	ug/Kg
208-96-8	Acenaphthylene	140	U	140	220	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	280	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	280	ug/Kg
83-32-9	Acenaphthene	130	U	130	220	280	ug/Kg
Total PAH	Total PAH	2180	U	2180	220	4480	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	400	450	550	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	450	550	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	280	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	U	280	220	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	220	280	ug/Kg
84-66-2	Diethylphthalate	130	U	130	220	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	220	280	ug/Kg
86-73-7	Fluorene	140	U	140	220	280	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	280	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	450	550	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	280	ug/Kg
103-33-3	Azobenzene	130	U	130	220	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	280	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	220	280	ug/Kg
1912-24-9	Atrazine	150	U	150	220	280	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:	B-114-SB01	SDG No.:	BG051624
Lab Sample ID:	P2474-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.8
Sample Wt/Vol:	30.07	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
BG061220.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	450	550	ug/Kg
85-01-8	Phenanthrene	140	U	140	220	280	ug/Kg
120-12-7	Anthracene	140	U	140	220	280	ug/Kg
86-74-8	Carbazole	130	U	130	220	280	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	280	ug/Kg
206-44-0	Fluoranthene	140	U	140	220	280	ug/Kg
92-87-5	Benzidine	270	U	270	450	550	ug/Kg
129-00-0	Pyrene	140	U	140	220	280	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	220	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	450	550	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	220	280	ug/Kg
218-01-9	Chrysene	130	U	130	220	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	220	280	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	450	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	220	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	220	280	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	220	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	220	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	220	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	220	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	220	280	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	220	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	220	280	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	280	280	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.89		18-112		53	SPK: -150
13127-88-3	Phenol-d6	73.7		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	46.486		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	40.199		20-109		40	SPK: -100



Client:				Date Collected:	5/13/2024 12:00:00 AM	
Project:				Date Received:	5/13/2024 12:00:00 AM	
Client Sample ID:	B-114-SB01			SDG No.:	BG051624	
Lab Sample ID:	P2474-02			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	39.8	
Sample Wt/Vol:	30.07	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
BG061220.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.683		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	32.954		14-112		33	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22552	7.928				
1146-65-2	Naphthalene-d8	89417	10.725				
15067-26-2	Acenaphthene-d10	72013	14.562				
1517-22-2	Phenanthrene-d10	172509	17.305				
1719-03-5	Chrysene-d12	179926	21.565				
1520-96-3	Perylene-d12	216215	24.691				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			3.152	
	unknown3.674	310	J			3.674	
	unknown10.496	260	J			10.496	
065354-33-8	2-Epi-.alpha.-funebreene	220	J			13.469	
000469-61-4	1H-3a,7-Methanoazulene, 2,3,4,7,8,	4000	J			13.886	
000546-28-1	1H-3a,7-Methanoazulene, octahydro-	1200	J			13.986	
000470-40-6	cis-Thujopsene	710	J			14.08	
020478-88-0	4,7-Methanoazulene, decahydro-1,4,	3700	J			14.303	
	unknown14.773	410	J			14.773	
016982-00-6	Benzene, 1-methyl-4-(1,2,2-trimeth	2600	J			14.814	
006892-80-4	1H-Benzocyclohepten-7-ol, 2,3,4,4a	2000	J			15.796	
000077-53-2	Cedrol	840	J			15.842	
067999-56-8	4a,7-Methano-4aH-naphth[1,8a-b]oxi	240	J			16.283	
1000144-10-1	1-Formyl-2,2,6-trimethyl-3-cis-(3-	160	J			16.495	
	unknown16.589	150	J			16.589	
028434-00-6	S-Bioallethrin	360	J			16.806	
	unknown17.629	170	J			17.629	
039510-26-4	Spiro[4.5]decan-7-one, 1,8-dimethy	170	J			17.917	
000057-10-3	n-Hexadecanoic acid	210	J			18.204	

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:	B-114-SB01	SDG No.:	BG051624
Lab Sample ID:	P2474-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	39.8
Sample Wt/Vol:	30.07	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
BG061220.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			21.224	

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:	B-114-SB02	SDG No.:	BG051624
Lab Sample ID:	P2474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17
Sample Wt/Vol:	30.03	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
BG061221.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	96.2	U	96.2	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.8	U	99.8	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.9	U	99.9	320	400	ug/Kg
95-48-7	2-Methylphenol	97	U	97	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	96	U	96	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.5	U	48.5	96.3	96.3	ug/Kg
67-72-1	Hexachloroethane	99.9	U	99.9	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.9	U	90.9	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	290	U	290	320	400	ug/Kg
91-20-3	Naphthalene	130	J	99.4	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.4	U	99.4	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	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:	B-114-SB02			SDG No.:	BG051624	
Lab Sample ID:	P2474-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	17	
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
BG061221.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.3	U	93.3	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	230		99.3	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.9	U	85.9	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.1	U	89.1	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98.3	U	98.3	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.6	U	97.6	160	200	ug/Kg
Total PAH	Total PAH	1750	U	1583.1	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	400	ug/Kg
84-66-2	Diethylphthalate	96.4	U	96.4	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.2	U	98.2	160	200	ug/Kg
103-33-3	Azobenzene	95.8	U	95.8	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95	U	95	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	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:	B-114-SB02	SDG No.:	BG051624
Lab Sample ID:	P2474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17
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
BG061221.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93	U	93	320	400	ug/Kg
85-01-8	Phenanthrene	370		100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.7	U	96.7	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	230		98.3	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	220		99.9	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	97.1	160	200	ug/Kg
218-01-9	Chrysene	230		95.7	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		97.6	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.4	U	99.4	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	U	94	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.7	U	97.7	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	96.4	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.9	U	89.9	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	270		100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.173		18-112		70	SPK: -150
13127-88-3	Phenol-d6	98.5		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	65.308		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	62.128		20-109		62	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:	B-114-SB02	SDG No.:	BG051624
Lab Sample ID:	P2474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17
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
BG061221.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.705		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	52.271		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22544	7.929				
1146-65-2	Naphthalene-d8	91194	10.726				
15067-26-2	Acenaphthene-d10	72050	14.556				
1517-22-2	Phenanthrene-d10	169273	17.306				
1719-03-5	Chrysene-d12	170242	21.566				
1520-96-3	Perylene-d12	216176	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			3.146	
006169-06-8	2-Octanol, (S)-	270	J			3.669	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	200	J			10.491	
1000309-17-5	Sulfurous acid, butyl octyl ester	260	J			11.748	
000629-59-4	Tetradecane	200	J			13.387	
000575-37-1	Naphthalene, 1,7-dimethyl-	260	J			13.875	
000575-43-9	Naphthalene, 1,6-dimethyl-	200	J			13.934	
018344-37-1	Heptadecane, 2,6,10,14-tetramethyl	200	J			14.039	
	unknown14.780	400	J			14.78	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	210	J			15.35	
006344-67-8	9H-Fluoren-3-ol	190	J			15.902	
003221-61-2	Octane, 2-methyl-	670	J			16.296	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	210	J			16.842	
000629-62-9	Pentadecane	370	J			17.065	
000112-40-3	Dodecane	240	J			17.805	
004505-48-0	1H-Indene, 2-phenyl-	500	J			18.229	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	240	J			18.369	
001560-92-5	Hexadecane, 2-methyl-	240	J			18.499	
000781-43-1	9,10-Dimethylanthracene	250	J			19.098	

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:	B-114-SB02	SDG No.:	BG051624
Lab Sample ID:	P2474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17
Sample Wt/Vol:	30.03	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
BG061221.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-92-5	Nonadecane	230	J			21.225	

Report of Analysis

Client:			Date Collected:	5/15/2024 12:00:00 AM	
Project:			Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	72-11978		SDG No.:	BG051624	
Lab Sample ID:	P2490-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	16.1	
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
BG061222.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62	U	62	190	240	ug/Kg
110-86-1	Pyridine	57.1	U	57.1	92.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.3	U	69.3	92.9	120	ug/Kg
108-95-2	Phenol	59.2	U	59.2	92.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.8	U	59.8	92.9	120	ug/Kg
95-57-8	2-Chlorophenol	59.7	U	59.7	92.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.5	U	60.5	92.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.5	U	61.5	92.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.8	U	61.8	92.9	120	ug/Kg
100-51-6	Benzyl Alcohol	59.3	U	59.3	190	240	ug/Kg
95-48-7	2-Methylphenol	57.6	U	57.6	92.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	92.9	120	ug/Kg
98-86-2	Acetophenone	62.1	U	62.1	92.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	57	U	57	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.8	U	28.8	57.2	57.2	ug/Kg
67-72-1	Hexachloroethane	59.3	U	59.3	92.9	120	ug/Kg
98-95-3	Nitrobenzene	64.9	U	64.9	92.9	120	ug/Kg
78-59-1	Isophorone	60.5	U	60.5	92.9	120	ug/Kg
88-75-5	2-Nitrophenol	67.5	U	67.5	92.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.6	U	66.6	92.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.3	U	61.3	92.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	92.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61	U	61	92.9	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59	U	59	92.9	120	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	92.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.5	U	59.5	92.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BG051624
Lab Sample ID:	P2490-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.03	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
BG061222.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62	U	62	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.4	U	55.4	92.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	92.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	92.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.9	U	52.9	92.9	120	ug/Kg
92-52-4	1,1-Biphenyl	62.5	U	62.5	92.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.5	U	59.5	92.9	120	ug/Kg
88-74-4	2-Nitroaniline	67.9	U	67.9	92.9	120	ug/Kg
131-11-3	Dimethylphthalate	58.4	U	58.4	92.9	120	ug/Kg
208-96-8	Acenaphthylene	61.8	U	61.8	92.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.5	U	59.5	92.9	120	ug/Kg
99-09-2	3-Nitroaniline	63.8	U	63.8	92.9	120	ug/Kg
83-32-9	Acenaphthene	58	U	58	92.9	120	ug/Kg
Total PAH	Total PAH	946.9	U	946.9	92.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	82.9	U	82.9	190	240	ug/Kg
132-64-9	Dibenzofuran	60.3	U	60.3	92.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	121.1	U	121.1	92.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.6	U	61.6	92.9	120	ug/Kg
84-66-2	Diethylphthalate	57.2	U	57.2	92.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.2	U	61.2	92.9	120	ug/Kg
86-73-7	Fluorene	61.1	U	61.1	92.9	120	ug/Kg
100-01-6	4-Nitroaniline	76.5	U	76.5	92.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.6	U	83.6	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.3	U	58.3	92.9	120	ug/Kg
103-33-3	Azobenzene	56.9	U	56.9	92.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.4	U	56.4	92.9	120	ug/Kg
118-74-1	Hexachlorobenzene	60.8	U	60.8	92.9	120	ug/Kg
1912-24-9	Atrazine	65.3	U	65.3	92.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BG051624
Lab Sample ID:	P2490-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.03	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
BG061222.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.2	U	55.2	190	240	ug/Kg
85-01-8	Phenanthrene	70.2	J	60	92.9	120	ug/Kg
120-12-7	Anthracene	60.3	U	60.3	92.9	120	ug/Kg
86-74-8	Carbazole	57.4	U	57.4	92.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.2	U	60.2	92.9	120	ug/Kg
206-44-0	Fluoranthene	160		58.4	92.9	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	140		59.3	92.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.2	U	69.2	92.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.5	U	70.5	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	90.6	J	57.7	92.9	120	ug/Kg
218-01-9	Chrysene	86.2	J	56.8	92.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	U	65	92.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.6	U	78.6	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	58	92.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	92.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	89.2	J	66.5	92.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55.8	U	55.8	92.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	92.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.2	U	57.2	92.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	92.9	120	ug/Kg
123-91-1	1,4-Dioxane	78.6	U	78.6	92.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.4	U	53.4	92.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.5	U	59.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.925		18-112		63	SPK: -150
13127-88-3	Phenol-d6	88.049		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	56.729		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	54.092		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BG051624
Lab Sample ID:	P2490-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.03	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
BG061222.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.742		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	52.065		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25296	7.928				
1146-65-2	Naphthalene-d8	100286	10.719				
15067-26-2	Acenaphthene-d10	84765	14.556				
1517-22-2	Phenanthrene-d10	202968	17.305				
1719-03-5	Chrysene-d12	199916	21.559				
1520-96-3	Perylene-d12	245386	24.685				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	65.8	A			5.049	
000084-15-1	o-Terphenyl	1800	J			17.952	
003386-33-2	Octadecane, 1-chloro-	1200	J			19.098	
1000130-97-9	E-15-Heptadecenal	77	J			21.224	
000192-97-2	Benzo[e]pyrene	53.1	J			24.391	



Client:				Date Collected:	5/14/2024 12:00:00 AM	
Project:				Date Received:	5/14/2024 12:00:00 AM	
Client Sample ID:	WC-1-COMP			SDG No.:	BG051624	
Lab Sample ID:	P2476-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.7	
Sample Wt/Vol:	30.05	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
BG061223.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.9	U	94.9	300	360	ug/Kg
110-86-1	Pyridine	87.4	U	87.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.6	U	90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.5	U	92.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94	U	94	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.6	U	94.6	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.8	U	90.8	300	360	ug/Kg
95-48-7	2-Methylphenol	88.1	U	88.1	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.3	U	87.3	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.5	87.5	ug/Kg
67-72-1	Hexachloroethane	90.8	U	90.8	140	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	140	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.6	U	82.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.4	U	93.4	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	U	90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	140	190	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:	WC-1-COMP	SDG No.:	BG051624
Lab Sample ID:	P2476-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.05 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
BG061223.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.9	U	94.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.7	U	84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.1	U	78.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.6	U	95.6	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.3	U	89.3	140	190	ug/Kg
208-96-8	Acenaphthylene	94.6	U	94.6	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91	U	91	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.5	U	97.5	140	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	140	190	ug/Kg
Total PAH	Total PAH	1447.3	U	1447.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.3	U	185.3	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.3	U	94.3	140	190	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	140	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	140	190	ug/Kg
103-33-3	Azobenzene	87	U	87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.3	U	86.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.9	U	92.9	140	190	ug/Kg
1912-24-9	Atrazine	99.9	U	99.9	140	190	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:	WC-1-COMP	SDG No.:	BG051624
Lab Sample ID:	P2476-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.05	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
BG061223.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.5	U	84.5	300	360	ug/Kg
85-01-8	Phenanthrene	91.9	U	91.9	140	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	140	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.2	U	92.2	140	190	ug/Kg
206-44-0	Fluoranthene	89.3	U	89.3	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	90.8	U	90.8	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.2	U	88.2	140	190	ug/Kg
218-01-9	Chrysene	86.9	U	86.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.7	U	88.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91	U	91	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.699		18-112		83	SPK: -150
13127-88-3	Phenol-d6	116.364		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	74.238		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	72.646		20-109		73	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:	WC-1-COMP	SDG No.:	BG051624
Lab Sample ID:	P2476-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.05 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
BG061223.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.315		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	66.561		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24476	7.929				
1146-65-2	Naphthalene-d8	98575	10.72				
15067-26-2	Acenaphthene-d10	79916	14.556				
1517-22-2	Phenanthrene-d10	189468	17.306				
1719-03-5	Chrysene-d12	190047	21.56				
1520-96-3	Perylene-d12	226902	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
000592-41-6	1-Hexene	97	J			3.076	
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			3.146	
	unknown3.669	310	J			3.669	
004439-24-1	Ethylene glycol monoisobutyl ether	270	J			10.491	
000770-35-4	1-Phenoxypropan-2-ol	85.7	J			11.46	
000057-10-3	n-Hexadecanoic acid	82.4	J			18.205	
000301-02-0	9-Octadecenamide, (Z)-	130	J			20.608	
000629-73-2	Cetene	92.6	J			21.225	
351064-45-4	Acetic acid, 2-[5-(4-nitrophenyl)-	130	J			22.541	

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:	WC-1-COMPMS	SDG No.:	BG051624
Lab Sample ID:	P2476-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.08 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
BG061224.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		94.8	290	360	ug/Kg
110-86-1	Pyridine	1200		87.3	140	190	ug/Kg
100-52-7	Benzaldehyde	540		200	290	360	ug/Kg
62-53-3	Aniline	1100		110	140	190	ug/Kg
108-95-2	Phenol	1800		90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		91.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	1700		91.2	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		92.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		93.9	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		94.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1700		90.7	290	360	ug/Kg
95-48-7	2-Methylphenol	1700		88	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		99.3	140	190	ug/Kg
98-86-2	Acetophenone	1600		94.9	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1600		87.2	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		44	87.4	87.4	ug/Kg
67-72-1	Hexachloroethane	1600		90.7	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		99.2	140	190	ug/Kg
78-59-1	Isophorone	1500		92.4	140	190	ug/Kg
88-75-5	2-Nitrophenol	1600		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		93.7	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		82.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		93.3	140	190	ug/Kg
65-85-0	Benzoic acid	940		260	290	360	ug/Kg
91-20-3	Naphthalene	1500		90.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	880		90.2	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1500		91	140	190	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:	WC-1-COMPMS			SDG No.:	BG051624	
Lab Sample ID:	P2476-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.7	
Sample Wt/Vol:	30.08	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
BG061224.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		94.8	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		90.1	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		78	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		80.8	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		95.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		91	140	190	ug/Kg
88-74-4	2-Nitroaniline	1700		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1500		89.2	140	190	ug/Kg
208-96-8	Acenaphthylene	1800		94.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		90.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	1200		97.4	140	190	ug/Kg
83-32-9	Acenaphthene	1600		88.6	140	190	ug/Kg
Total PAH	Total PAH	26500		1445.9	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		270	290	360	ug/Kg
100-02-7	4-Nitrophenol	2700		130	290	360	ug/Kg
132-64-9	Dibenzofuran	1600		92.2	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		94.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		185.1	140	380	ug/Kg
84-66-2	Diethylphthalate	1500		87.5	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		93.5	140	190	ug/Kg
86-73-7	Fluorene	1600		93.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	1500		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		89.1	140	190	ug/Kg
103-33-3	Azobenzene	1700		87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		86.2	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1700		92.9	140	190	ug/Kg
1912-24-9	Atrazine	1700		99.8	140	190	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:	WC-1-COMPMS	SDG No.:	BG051624
Lab Sample ID:	P2476-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.08 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
BG061224.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		84.4	290	360	ug/Kg
85-01-8	Phenanthrene	1700		91.8	140	190	ug/Kg
120-12-7	Anthracene	1700		92.2	140	190	ug/Kg
86-74-8	Carbazole	1700		87.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1600		92.1	140	190	ug/Kg
206-44-0	Fluoranthene	1600		89.2	140	190	ug/Kg
92-87-5	Benzidine	1400		180	290	360	ug/Kg
129-00-0	Pyrene	1600		90.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	1700		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	1700		88.2	140	190	ug/Kg
218-01-9	Chrysene	1700		86.8	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		99.4	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		88.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		90.2	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		85.3	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		88.7	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		87.5	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		94.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		81.6	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.068		18-112		84	SPK: -150
13127-88-3	Phenol-d6	117.038		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	71.76		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.702		20-109		72	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:	WC-1-COMPMS	SDG No.:	BG051624
Lab Sample ID:	P2476-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.08 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
BG061224.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.953		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	64.196		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23675	7.923				
1146-65-2	Naphthalene-d8	99528	10.725				
15067-26-2	Acenaphthene-d10	78885	14.556				
1517-22-2	Phenanthrene-d10	188778	17.306				
1719-03-5	Chrysene-d12	188600	21.565				
1520-96-3	Perylene-d12	231076	24.685				



Client:				Date Collected:	5/14/2024 12:00:00 AM	
Project:				Date Received:	5/14/2024 12:00:00 AM	
Client Sample ID:	WC-1-COMPMSD			SDG No.:	BG051624	
Lab Sample ID:	P2476-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.7	
Sample Wt/Vol:	30.06	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
BG061225.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		94.9	300	360	ug/Kg
110-86-1	Pyridine	1200		87.3	140	190	ug/Kg
100-52-7	Benzaldehyde	540		200	300	360	ug/Kg
62-53-3	Aniline	1100		110	140	190	ug/Kg
108-95-2	Phenol	1800		90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	1700		91.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		92.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		94	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		94.6	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1700		90.7	300	360	ug/Kg
95-48-7	2-Methylphenol	1700		88.1	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		99.4	140	190	ug/Kg
98-86-2	Acetophenone	1600		95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1600		87.2	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		44.1	87.4	87.4	ug/Kg
67-72-1	Hexachloroethane	1600		90.7	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		99.3	140	190	ug/Kg
78-59-1	Isophorone	1500		92.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	1600		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		82.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		93.4	140	190	ug/Kg
65-85-0	Benzoic acid	950		260	300	360	ug/Kg
91-20-3	Naphthalene	1600		90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	920		90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1500		91.1	140	190	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:	WC-1-COMPMSD			SDG No.:	BG051624	
Lab Sample ID:	P2476-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.7	
Sample Wt/Vol:	30.06	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
BG061225.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		94.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		78	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		95.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		91.1	140	190	ug/Kg
88-74-4	2-Nitroaniline	1800		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1500		89.3	140	190	ug/Kg
208-96-8	Acenaphthylene	1800		94.6	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		90.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	1200		97.5	140	190	ug/Kg
83-32-9	Acenaphthene	1600		88.7	140	190	ug/Kg
Total PAH	Total PAH	26700		1447.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		270	300	360	ug/Kg
100-02-7	4-Nitrophenol	2600		130	300	360	ug/Kg
132-64-9	Dibenzofuran	1600		92.3	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		94.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		185.1	140	380	ug/Kg
84-66-2	Diethylphthalate	1500		87.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		93.6	140	190	ug/Kg
86-73-7	Fluorene	1600		93.5	140	190	ug/Kg
100-01-6	4-Nitroaniline	1400		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		89.2	140	190	ug/Kg
103-33-3	Azobenzene	1700		87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		86.2	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1700		92.9	140	190	ug/Kg
1912-24-9	Atrazine	1800		99.9	140	190	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:	WC-1-COMPMSD	SDG No.:	BG051624
Lab Sample ID:	P2476-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.06 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
BG061225.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		84.5	300	360	ug/Kg
85-01-8	Phenanthrene	1800		91.8	140	190	ug/Kg
120-12-7	Anthracene	1700		92.3	140	190	ug/Kg
86-74-8	Carbazole	1600		87.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1600		92.1	140	190	ug/Kg
206-44-0	Fluoranthene	1600		89.3	140	190	ug/Kg
92-87-5	Benzidine	1500		180	300	360	ug/Kg
129-00-0	Pyrene	1600		90.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	1700		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	1700		88.2	140	190	ug/Kg
218-01-9	Chrysene	1700		86.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		99.5	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		88.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		85.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		88.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		87.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		94.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	1200		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		81.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.702		18-112		83	SPK: -150
13127-88-3	Phenol-d6	116.046		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	73.598		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	70.663		20-109		71	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:	WC-1-COMPMSD	SDG No.:	BG051624
Lab Sample ID:	P2476-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.06 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
BG061225.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.465		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	63.3		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25279	7.928				
1146-65-2	Naphthalene-d8	104011	10.725				
15067-26-2	Acenaphthene-d10	82588	14.556				
1517-22-2	Phenanthrene-d10	189250	17.306				
1719-03-5	Chrysene-d12	188406	21.565				
1520-96-3	Perylene-d12	228398	24.685				

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:	ETGI-339			SDG No.:	BG051624		
Lab Sample ID:	P2477-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.5		
Sample Wt/Vol:	50.06	Units:	g	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
BG061226.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.2	U	56.2	170	210	ug/Kg
110-86-1	Pyridine	51.8	U	51.8	84.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.8	U	62.8	84.2	110	ug/Kg
108-95-2	Phenol	53.7	U	53.7	84.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.2	U	54.2	84.2	110	ug/Kg
95-57-8	2-Chlorophenol	54.1	U	54.1	84.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.8	U	54.8	84.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.7	U	55.7	84.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56	U	56	84.2	110	ug/Kg
100-51-6	Benzyl Alcohol	53.8	U	53.8	170	210	ug/Kg
95-48-7	2-Methylphenol	52.2	U	52.2	84.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.9	U	58.9	84.2	110	ug/Kg
98-86-2	Acetophenone	56.3	U	56.3	84.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.7	U	51.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.1	U	26.1	51.8	51.8	ug/Kg
67-72-1	Hexachloroethane	53.8	U	53.8	84.2	110	ug/Kg
98-95-3	Nitrobenzene	58.8	U	58.8	84.2	110	ug/Kg
78-59-1	Isophorone	54.8	U	54.8	84.2	110	ug/Kg
88-75-5	2-Nitrophenol	61.2	U	61.2	84.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.4	U	60.4	84.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.6	U	55.6	84.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.9	U	48.9	84.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.3	U	55.3	84.2	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.5	U	53.5	84.2	110	ug/Kg
106-47-8	4-Chloroaniline	53.5	U	53.5	84.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	84.2	110	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:	ETGI-339	SDG No.:	BG051624
Lab Sample ID:	P2477-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.5
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
BG061226.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.2	U	56.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.2	U	50.2	84.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.4	U	53.4	84.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.3	U	46.3	84.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.9	U	47.9	84.2	110	ug/Kg
92-52-4	1,1-Biphenyl	56.6	U	56.6	84.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	84.2	110	ug/Kg
88-74-4	2-Nitroaniline	61.5	U	61.5	84.2	110	ug/Kg
131-11-3	Dimethylphthalate	52.9	U	52.9	84.2	110	ug/Kg
208-96-8	Acenaphthylene	56	U	56	84.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	84.2	110	ug/Kg
99-09-2	3-Nitroaniline	57.8	U	57.8	84.2	110	ug/Kg
83-32-9	Acenaphthene	52.5	U	52.5	84.2	110	ug/Kg
Total PAH	Total PAH	2631.7	U	858.4	84.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	75.2	U	75.2	170	210	ug/Kg
132-64-9	Dibenzofuran	54.7	U	54.7	84.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.7	U	109.7	84.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.8	U	55.8	84.2	110	ug/Kg
84-66-2	Diethylphthalate	51.9	U	51.9	84.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.5	U	55.5	84.2	110	ug/Kg
86-73-7	Fluorene	55.4	U	55.4	84.2	110	ug/Kg
100-01-6	4-Nitroaniline	69.3	U	69.3	84.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.8	U	75.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.9	U	52.9	84.2	110	ug/Kg
103-33-3	Azobenzene	51.6	U	51.6	84.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.1	U	51.1	84.2	110	ug/Kg
118-74-1	Hexachlorobenzene	55.1	U	55.1	84.2	110	ug/Kg
1912-24-9	Atrazine	59.2	U	59.2	84.2	110	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:	ETGI-339	SDG No.:	BG051624
Lab Sample ID:	P2477-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.5
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
BG061226.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.3	J	50.1	170	210	ug/Kg
85-01-8	Phenanthrene	87.5	J	54.4	84.2	110	ug/Kg
120-12-7	Anthracene	54.7	U	54.7	84.2	110	ug/Kg
86-74-8	Carbazole	52	U	52	84.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.6	U	54.6	84.2	110	ug/Kg
206-44-0	Fluoranthene	330		52.9	84.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	540		53.8	84.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.7	U	62.7	84.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.9	U	63.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	260		52.3	84.2	110	ug/Kg
218-01-9	Chrysene	450		51.5	84.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73.2	J	59	84.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.3	U	71.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	420		52.5	84.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	170		53.5	84.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	190		60.3	84.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.6	J	50.6	84.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.6	U	52.6	84.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.6	J	51.9	84.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.2	U	56.2	84.2	110	ug/Kg
123-91-1	1,4-Dioxane	71.3	U	71.3	84.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.4	U	48.4	84.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.9	U	53.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.742		18-112		60	SPK: -150
13127-88-3	Phenol-d6	84.126		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	57.008		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	59.118		20-109		59	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:	ETGI-339	SDG No.:	BG051624
Lab Sample ID:	P2477-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.5
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
BG061226.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.268		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	55.318		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29680	7.932				
1146-65-2	Naphthalene-d8	113038	10.722				
15067-26-2	Acenaphthene-d10	86473	14.559				
1517-22-2	Phenanthrene-d10	186774	17.303				
1719-03-5	Chrysene-d12	186559	21.569				
1520-96-3	Perylene-d12	231392	24.694				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			3.149	
	unknown3.672	150	J			3.672	
018912-80-6	Ethanol, 2-[2-(2-methylpropoxy)eth	130	J			10.487	
006180-61-6	1-Propanol, 3-phenoxy-	47.7	J			11.463	
000143-07-7	Dodecanoic acid	100	J			18.208	
	unknown19.148	63.3	J			19.148	
005737-13-3	Cyclopenta(def)phenanthrenone	87	J			19.242	
	unknown19.465	52.7	J			19.465	

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:	WC-MH-JJ	SDG No.:	BG051624
Lab Sample ID:	P2480-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.04	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
BG061227.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.9	U	58.9	180	220	ug/Kg
110-86-1	Pyridine	54.2	U	54.2	88.3	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.8	U	65.8	88.3	120	ug/Kg
108-95-2	Phenol	56.3	U	56.3	88.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.8	U	56.8	88.3	120	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	88.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	88.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.4	U	58.4	88.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.7	U	58.7	88.3	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.7	U	54.7	88.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.7	U	61.7	88.3	120	ug/Kg
98-86-2	Acetophenone	59	U	59	88.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.2	U	54.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.3	120	ug/Kg
98-95-3	Nitrobenzene	61.6	U	61.6	88.3	120	ug/Kg
78-59-1	Isophorone	57.4	U	57.4	88.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.2	U	64.2	88.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.3	U	63.3	88.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.3	U	58.3	88.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58	U	58	88.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.1	U	56.1	88.3	120	ug/Kg
106-47-8	4-Chloroaniline	56.1	U	56.1	88.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.6	U	56.6	88.3	120	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:	WC-MH-JJ	SDG No.:	BG051624
Lab Sample ID:	P2480-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.04	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
BG061227.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.9	U	58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.5	U	48.5	88.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.3	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.6	U	56.6	88.3	120	ug/Kg
88-74-4	2-Nitroaniline	64.5	U	64.5	88.3	120	ug/Kg
131-11-3	Dimethylphthalate	55.5	U	55.5	88.3	120	ug/Kg
208-96-8	Acenaphthylene	58.7	U	58.7	88.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.5	U	56.5	88.3	120	ug/Kg
99-09-2	3-Nitroaniline	60.6	U	60.6	88.3	120	ug/Kg
83-32-9	Acenaphthene	55.1	U	55.1	88.3	120	ug/Kg
Total PAH	Total PAH	899.8	U	899.8	88.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.8	U	78.8	180	220	ug/Kg
132-64-9	Dibenzofuran	57.3	U	57.3	88.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115	U	115	88.3	240	ug/Kg
84-66-2	Diethylphthalate	54.4	U	54.4	88.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.3	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.3	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	88.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.4	U	79.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.4	U	55.4	88.3	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.6	U	53.6	88.3	120	ug/Kg
118-74-1	Hexachlorobenzene	57.7	U	57.7	88.3	120	ug/Kg
1912-24-9	Atrazine	62.1	U	62.1	88.3	120	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:	WC-MH-JJ	SDG No.:	BG051624
Lab Sample ID:	P2480-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.04	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
BG061227.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.5	U	52.5	180	220	ug/Kg
85-01-8	Phenanthrene	57	U	57	88.3	120	ug/Kg
120-12-7	Anthracene	57.3	U	57.3	88.3	120	ug/Kg
86-74-8	Carbazole	54.5	U	54.5	88.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.2	U	57.2	88.3	120	ug/Kg
206-44-0	Fluoranthene	55.5	U	55.5	88.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.4	U	56.4	88.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.7	U	65.7	88.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.9	U	66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.8	U	54.8	88.3	120	ug/Kg
218-01-9	Chrysene	54	U	54	88.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.8	U	61.8	88.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.7	U	74.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.1	U	55.1	88.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.1	U	56.1	88.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.1	U	63.1	88.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	88.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.1	U	55.1	88.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.4	U	54.4	88.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	88.3	120	ug/Kg
123-91-1	1,4-Dioxane	74.7	U	74.7	88.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.5	U	56.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.149		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.375		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	52.817		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	53.332		20-109		53	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:	WC-MH-JJ	SDG No.:	BG051624
Lab Sample ID:	P2480-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.04	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
BG061227.D	1	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.538		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	47.874		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26285	7.928				
1146-65-2	Naphthalene-d8	106554	10.719				
15067-26-2	Acenaphthene-d10	85545	14.556				
1517-22-2	Phenanthrene-d10	195631	17.306				
1719-03-5	Chrysene-d12	189036	21.559				
1520-96-3	Perylene-d12	232156	24.679				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	53.9	J			3.075	
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.152	
004254-15-3	(S)-(+)-1,2-Propanediol	86.7	J			3.669	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	76.9	J			10.49	
000057-10-3	n-Hexadecanoic acid	53.4	J			18.204	
110225-00-8	1-Dodecanol, 2-hexyl-	77.9	J			21.219	
004602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	49.1	J			23.204	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	VNJ-277	SDG No.:	BG051624
Lab Sample ID:	P2491-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.09	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
BG061228.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.7	U	55.7	170	210	ug/Kg
110-86-1	Pyridine	51.2	U	51.2	83.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.1	U	62.1	83.4	110	ug/Kg
108-95-2	Phenol	53.2	U	53.2	83.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.7	U	53.7	83.4	110	ug/Kg
95-57-8	2-Chlorophenol	53.5	U	53.5	83.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.2	U	54.2	83.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.1	U	55.1	83.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.5	U	55.5	83.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.2	U	53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	51.7	U	51.7	83.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.3	U	58.3	83.4	110	ug/Kg
98-86-2	Acetophenone	55.7	U	55.7	83.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.2	U	51.2	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.8	U	25.8	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	53.2	U	53.2	83.4	110	ug/Kg
98-95-3	Nitrobenzene	58.2	U	58.2	83.4	110	ug/Kg
78-59-1	Isophorone	54.2	U	54.2	83.4	110	ug/Kg
88-75-5	2-Nitrophenol	60.6	U	60.6	83.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.8	U	59.8	83.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55	U	55	83.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.4	U	48.4	83.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.8	U	54.8	83.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53	U	53	83.4	110	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	83.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.4	U	53.4	83.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	VNJ-277	SDG No.:	BG051624
Lab Sample ID:	P2491-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.09	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
BG061228.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.7	U	55.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.7	U	49.7	83.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.9	U	52.9	83.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.8	U	45.8	83.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.5	U	47.5	83.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56	U	56	83.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.4	U	53.4	83.4	110	ug/Kg
88-74-4	2-Nitroaniline	60.9	U	60.9	83.4	110	ug/Kg
131-11-3	Dimethylphthalate	52.4	U	52.4	83.4	110	ug/Kg
208-96-8	Acenaphthylene	55.5	U	55.5	83.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.4	U	53.4	83.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.2	U	57.2	83.4	110	ug/Kg
83-32-9	Acenaphthene	52	U	52	83.4	110	ug/Kg
Total PAH	Total PAH	849.8	U	849.8	83.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.4	U	74.4	170	210	ug/Kg
132-64-9	Dibenzofuran	54.1	U	54.1	83.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.7	U	108.7	83.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.3	U	55.3	83.4	110	ug/Kg
84-66-2	Diethylphthalate	51.4	U	51.4	83.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.9	U	54.9	83.4	110	ug/Kg
86-73-7	Fluorene	54.8	U	54.8	83.4	110	ug/Kg
100-01-6	4-Nitroaniline	68.6	U	68.6	83.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	75	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.3	U	52.3	83.4	110	ug/Kg
103-33-3	Azobenzene	51	U	51	83.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.6	U	50.6	83.4	110	ug/Kg
118-74-1	Hexachlorobenzene	54.5	U	54.5	83.4	110	ug/Kg
1912-24-9	Atrazine	58.6	U	58.6	83.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	VNJ-277	SDG No.:	BG051624
Lab Sample ID:	P2491-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.09	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
BG061228.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.6	U	49.6	170	210	ug/Kg
85-01-8	Phenanthrene	53.9	U	53.9	83.4	110	ug/Kg
120-12-7	Anthracene	54.1	U	54.1	83.4	110	ug/Kg
86-74-8	Carbazole	51.5	U	51.5	83.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.1	U	54.1	83.4	110	ug/Kg
206-44-0	Fluoranthene	140		52.4	83.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	120		53.2	83.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.1	U	62.1	83.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.2	U	63.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	70.8	J	51.7	83.4	110	ug/Kg
218-01-9	Chrysene	89.2	J	51	83.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.4	U	58.4	83.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.5	U	70.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	52	83.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	83.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	68.6	J	59.6	83.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.1	U	50.1	83.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.1	U	52.1	83.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.4	U	51.4	83.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.7	U	55.7	83.4	110	ug/Kg
123-91-1	1,4-Dioxane	70.5	U	70.5	83.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.9	U	47.9	83.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.4	U	53.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.112		18-112		55	SPK: -150
13127-88-3	Phenol-d6	77.154		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	49.717		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	49.795		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	VNJ-277	SDG No.:	BG051624
Lab Sample ID:	P2491-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.09	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
BG061228.D	1	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.752		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	46.446		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28801	7.929				
1146-65-2	Naphthalene-d8	114413	10.72				
15067-26-2	Acenaphthene-d10	87229	14.556				
1517-22-2	Phenanthrene-d10	196993	17.306				
1719-03-5	Chrysene-d12	197966	21.566				
1520-96-3	Perylene-d12	244137	24.686				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	790	J			3.152	

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:	TR-04-051424	SDG No.:	BG051624
Lab Sample ID:	P2473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.09 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
BG061229.D	5	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	540	ug/Kg
108-95-2	Phenol	260	U	260	420	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	420	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	540	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	860	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	540	ug/Kg
98-86-2	Acetophenone	280	U	280	420	540	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	540	ug/Kg
78-59-1	Isophorone	270	U	270	420	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	420	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	860	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	420	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	540	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:	TR-04-051424			SDG No.:	BG051624	
Lab Sample ID:	P2473-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.3	
Sample Wt/Vol:	50.09	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
BG061229.D	5	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	540	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	540	ug/Kg
Total PAH	Total PAH	4240	U	4240	420	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	860	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1080	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	540	ug/Kg
86-73-7	Fluorene	270	U	270	420	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	540	ug/Kg
103-33-3	Azobenzene	250	U	250	420	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	540	ug/Kg
1912-24-9	Atrazine	290	U	290	420	540	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:	TR-04-051424			SDG No.:	BG051624	
Lab Sample ID:	P2473-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.3	
Sample Wt/Vol:	50.09	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
BG061229.D	5	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	420	540	ug/Kg
120-12-7	Anthracene	270	U	270	420	540	ug/Kg
86-74-8	Carbazole	260	U	260	420	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	540	ug/Kg
206-44-0	Fluoranthene	260	U	260	420	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1100	ug/Kg
129-00-0	Pyrene	270	U	270	420	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	420	540	ug/Kg
218-01-9	Chrysene	250	U	250	420	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	420	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	420	540	ug/Kg
50-32-8	Benzo(a)pyrene	300	U	300	420	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	420	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.225		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.01		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	52.28		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	52.645		20-109		53	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:	TR-04-051424	SDG No.:	BG051624
Lab Sample ID:	P2473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	50.09 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
BG061229.D	5	5/15/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	60.73		10-110		40	SPK: -150
1718-51-0	Terphenyl-d14	49.92		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26785	7.929				
1146-65-2	Naphthalene-d8	104277	10.72				
15067-26-2	Acenaphthene-d10	79414	14.557				
1517-22-2	Phenanthrene-d10	171944	17.307				
1719-03-5	Chrysene-d12	176432	21.566				
1520-96-3	Perylene-d12	217416	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	960	J			3.153	
000112-39-0	Hexadecanoic acid, methyl ester	270	J			17.971	
055956-32-6	4,5-Nonadiene, 2-methyl-	1400	J			19.11	
052380-33-3	11-Octadecenoic acid, methyl ester	810	J			19.146	
034176-49-3	4,5-Dihydronaphtho(2,1-d)thiazol-2	260	J			19.363	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	SP-G-COMP	SDG No.:	BG051624
Lab Sample ID:	P2488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
Sample Wt/Vol:	30.08	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
BG061230.D	2	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	600	730	ug/Kg
110-86-1	Pyridine	180	U	180	290	380	ug/Kg
100-52-7	Benzaldehyde	400	U	400	600	730	ug/Kg
62-53-3	Aniline	220	U	220	290	380	ug/Kg
108-95-2	Phenol	180	U	180	290	380	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	190	290	380	ug/Kg
95-57-8	2-Chlorophenol	190	U	190	290	380	ug/Kg
95-50-1	1,2-Dichlorobenzene	190	U	190	290	380	ug/Kg
541-73-1	1,3-Dichlorobenzene	190	U	190	290	380	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	190	290	380	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	600	730	ug/Kg
95-48-7	2-Methylphenol	180	U	180	290	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	290	380	ug/Kg
98-86-2	Acetophenone	190	U	190	290	380	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	180	600	730	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	89.6	U	89.6	180	180	ug/Kg
67-72-1	Hexachloroethane	180	U	180	290	380	ug/Kg
98-95-3	Nitrobenzene	200	U	200	290	380	ug/Kg
78-59-1	Isophorone	190	U	190	290	380	ug/Kg
88-75-5	2-Nitrophenol	210	U	210	290	380	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	290	380	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	290	380	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	290	380	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	290	380	ug/Kg
65-85-0	Benzoic acid	530	U	530	600	730	ug/Kg
91-20-3	Naphthalene	180	U	180	290	380	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	290	380	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	290	380	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	SP-G-COMP	SDG No.:	BG051624
Lab Sample ID:	P2488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
Sample Wt/Vol:	30.08	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
BG061230.D	2	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	U	190	600	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	290	380	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	290	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350	U	350	600	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	290	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	290	380	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	290	380	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	290	380	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	290	380	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	290	380	ug/Kg
208-96-8	Acenaphthylene	190	U	190	290	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	290	380	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	290	380	ug/Kg
83-32-9	Acenaphthene	180	U	180	290	380	ug/Kg
Total PAH	Total PAH	6000	U	2940	290	6080	ug/Kg
51-28-5	2,4-Dinitrophenol	540	U	540	600	730	ug/Kg
100-02-7	4-Nitrophenol	260	U	260	600	730	ug/Kg
132-64-9	Dibenzofuran	190	U	190	290	380	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	380	U	380	290	760	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	290	380	ug/Kg
84-66-2	Diethylphthalate	180	U	180	290	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	290	380	ug/Kg
86-73-7	Fluorene	190	U	190	290	380	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	290	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	600	730	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	290	380	ug/Kg
103-33-3	Azobenzene	180	U	180	290	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	290	380	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	290	380	ug/Kg
1912-24-9	Atrazine	200	U	200	290	380	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	SP-G-COMP	SDG No.:	BG051624
Lab Sample ID:	P2488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
Sample Wt/Vol:	30.08	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
BG061230.D	2	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	170	U	170	600	730	ug/Kg
85-01-8	Phenanthrene	660		190	290	380	ug/Kg
120-12-7	Anthracene	190	U	190	290	380	ug/Kg
86-74-8	Carbazole	180	U	180	290	380	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	290	380	ug/Kg
206-44-0	Fluoranthene	1200		180	290	380	ug/Kg
92-87-5	Benzidine	360	U	360	600	730	ug/Kg
129-00-0	Pyrene	980		180	290	380	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	290	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	600	730	ug/Kg
56-55-3	Benzo(a)anthracene	530		180	290	380	ug/Kg
218-01-9	Chrysene	600		180	290	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	200	290	380	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	600	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		180	290	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	J	180	290	380	ug/Kg
50-32-8	Benzo(a)pyrene	530		210	290	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	170	290	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	180	290	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	J	180	290	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	290	380	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	290	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	290	380	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	380	380	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	38.638		18-112		26	SPK: -150
13127-88-3	Phenol-d6	46.248		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	26.252		18-107		26	SPK: -100
321-60-8	2-Fluorobiphenyl	38.62		20-109		39	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	SP-G-COMP	SDG No.:	BG051624
Lab Sample ID:	P2488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
Sample Wt/Vol:	30.08 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
BG061230.D	2	5/16/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.024		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	51.98		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27290	7.926				
1146-65-2	Naphthalene-d8	106831	10.723				
15067-26-2	Acenaphthene-d10	79974	14.56				
1517-22-2	Phenanthrene-d10	169143	17.31				
1719-03-5	Chrysene-d12	171775	21.563				
1520-96-3	Perylene-d12	209474	24.695				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	590	J			3.156	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.379	
000084-65-1	9,10-Anthracenedione	150	J			18.726	

Hit Summary Sheet SW-846

SDG No.: BG051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TR-04-051424								
P2473-01	TR-04-051424	Solid	11-Octadecenoic acid, methyl este *	810.000	J			
P2473-01	TR-04-051424	Solid	4,5-Dihydronaphtho(2,1-d)thiazol *	260.000	J			
P2473-01	TR-04-051424	Solid	4,5-Nonadiene, 2-methyl- *	1,400.000	J			
P2473-01	TR-04-051424	Solid	Butane, 2-methoxy-2-methyl- *	960.000	J			
P2473-01	TR-04-051424	Solid	Hexadecanoic acid, methyl ester *	270.000	J			
Total Tics :					3,700.00			
Total Concentration:					3,700.00			
Client ID : B-114-SB02								
P2474-01	B-114-SB02	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	240.000	J			
P2474-01	B-114-SB02	Solid	1H-Indene, 2-phenyl- *	500.000	J			
P2474-01	B-114-SB02	Solid	2-Octanol, (S)- *	270.000	J			
P2474-01	B-114-SB02	Solid	9,10-Dimethylanthracene *	250.000	J			
P2474-01	B-114-SB02	Solid	9H-Fluoren-3-ol *	190.000	J			
P2474-01	B-114-SB02	Solid	Butane, 2-methoxy-2-methyl- *	1,900.000	J			
P2474-01	B-114-SB02	Solid	Dodecane *	240.000	J			
P2474-01	B-114-SB02	Solid	Ethanol, 2-(2-butoxyethoxy)- *	200.000	J			
P2474-01	B-114-SB02	Solid	Heptadecane, 2,6,10,14-tetramethy *	200.000	J			
P2474-01	B-114-SB02	Solid	Hexadecane, 2-methyl- *	240.000	J			
P2474-01	B-114-SB02	Solid	Naphthalene, 1,2,3,4-tetramethyl- *	210.000	J			
P2474-01	B-114-SB02	Solid	Naphthalene, 1,6,7-trimethyl- *	210.000	J			
P2474-01	B-114-SB02	Solid	Naphthalene, 1,6-dimethyl- *	200.000	J			
P2474-01	B-114-SB02	Solid	Naphthalene, 1,7-dimethyl- *	260.000	J			
P2474-01	B-114-SB02	Solid	Nonadecane *	230.000	J			
P2474-01	B-114-SB02	Solid	Octane, 2-methyl- *	670.000	J			
P2474-01	B-114-SB02	Solid	Pentadecane *	370.000	J			
P2474-01	B-114-SB02	Solid	Sulfurous acid, butyl octyl ester *	260.000	J			
P2474-01	B-114-SB02	Solid	Tetradecane *	200.000	J			
P2474-01	B-114-SB02	Solid	unknown14.780 *	400.000	J			
Total Tics :					7,240.00			
P2474-01	B-114-SB02	Solid	1-Methylnaphthalene	270.000		100	200	ug/Kg
P2474-01	B-114-SB02	Solid	2-Methylnaphthalene	230.000		99.3	200	ug/Kg
P2474-01	B-114-SB02	Solid	Benzo(a)anthracene	130.000	J	97.1	200	ug/Kg
P2474-01	B-114-SB02	Solid	Benzo(a)pyrene	130.000	J	110	200	ug/Kg
P2474-01	B-114-SB02	Solid	Benzo(b)fluoranthene	210.000		97.6	200	ug/Kg
P2474-01	B-114-SB02	Solid	Benzo(g,h,i)perylene	100.000	J	96.4	200	ug/Kg
P2474-01	B-114-SB02	Solid	Chrysene	230.000		95.7	200	ug/Kg
P2474-01	B-114-SB02	Solid	Fluoranthene	230.000		98.3	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2474-01	B-114-SB02	Solid	Naphthalene	130.000	J	99.4	200	ug/Kg
P2474-01	B-114-SB02	Solid	Phenanthrene	370.000		100	200	ug/Kg
P2474-01	B-114-SB02	Solid	Pyrene	220.000		99.9	200	ug/Kg

Total Svoc : **2,250.00**
Total Concentration: **9,490.00**

Client ID : B-114-SB01

P2474-02	B-114-SB01	Solid	1-Formyl-2,2,6-trimethyl-3-cis-(3- *	160.000	J			
P2474-02	B-114-SB01	Solid	1H-3a,7-Methanoazulene, 2,3,4,7, *	4,000.000	J			
P2474-02	B-114-SB01	Solid	1H-3a,7-Methanoazulene, octahyc *	1,200.000	J			
P2474-02	B-114-SB01	Solid	1H-Benzocyclohepten-7-ol, 2,3,4, *	2,000.000	J			
P2474-02	B-114-SB01	Solid	2-Epi-.alpha.-funebrene *	220.000	J			
P2474-02	B-114-SB01	Solid	4,7-Methanoazulene, decahydro-1 *	3,700.000	J			
P2474-02	B-114-SB01	Solid	4a,7-Methano-4aH-naphth[1,8a-b` *	240.000	J			
P2474-02	B-114-SB01	Solid	Benzene, 1-methyl-4-(1,2,2-trimet *	2,600.000	J			
P2474-02	B-114-SB01	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P2474-02	B-114-SB01	Solid	Cedrol *	840.000	J			
P2474-02	B-114-SB01	Solid	cis-Thujopsene *	710.000	J			
P2474-02	B-114-SB01	Solid	n-Hexadecanoic acid *	210.000	J			
P2474-02	B-114-SB01	Solid	Pentadecafluorooctanoic acid, oct *	150.000	J			
P2474-02	B-114-SB01	Solid	S-Bioallethrin *	360.000	J			
P2474-02	B-114-SB01	Solid	Spiro[4.5]decan-7-one, 1,8-dimetf *	170.000	J			
P2474-02	B-114-SB01	Solid	unknown10.496 *	260.000	J			
P2474-02	B-114-SB01	Solid	unknown14.773 *	410.000	J			
P2474-02	B-114-SB01	Solid	unknown16.589 *	150.000	J			
P2474-02	B-114-SB01	Solid	unknown17.629 *	170.000	J			
P2474-02	B-114-SB01	Solid	unknown3.674 *	310.000	J			

Total Tics : **20,460.00**
Total Concentration: **20,460.00**

Client ID : WC-1-COMP

P2476-01	WC-1-COMP	Solid	1-Hexene *	97.000	J			
P2476-01	WC-1-COMP	Solid	1-Phenoxypropan-2-ol *	85.700	J			
P2476-01	WC-1-COMP	Solid	9-Octadecenamide, (Z)- *	130.000	J			
P2476-01	WC-1-COMP	Solid	Acetic acid, 2-[5-(4-nitrophenyl)- *	130.000	J			
P2476-01	WC-1-COMP	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P2476-01	WC-1-COMP	Solid	Cetene *	92.600	J			
P2476-01	WC-1-COMP	Solid	Ethylene glycol monoisobutyl eth *	270.000	J			
P2476-01	WC-1-COMP	Solid	n-Hexadecanoic acid *	82.400	J			
P2476-01	WC-1-COMP	Solid	unknown3.669 *	310.000	J			

Total Tics : **3,397.70**

Hit Summary Sheet SW-846

SDG No.: BG051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,397.70				
Client ID : ETGI-339								
P2477-01	ETGI-339	Solid	1-Propanol, 3-phenoxy-	*	47.700	J		
P2477-01	ETGI-339	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P2477-01	ETGI-339	Solid	Cyclopenta(def)phenanthrenone	*	87.000	J		
P2477-01	ETGI-339	Solid	Dodecanoic acid	*	100.000	J		
P2477-01	ETGI-339	Solid	Ethanol, 2-[2-(2-methylpropoxy)e	*	130.000	J		
P2477-01	ETGI-339	Solid	unknown19.148	*	63.300	J		
P2477-01	ETGI-339	Solid	unknown19.465	*	52.700	J		
P2477-01	ETGI-339	Solid	unknown3.672	*	150.000	J		
Total Tics :				1,610.70				
P2477-01	ETGI-339	Solid	Benzo(a)anthracene		260.000		52.3	110 ug/Kg
P2477-01	ETGI-339	Solid	Benzo(a)pyrene		190.000		60.3	110 ug/Kg
P2477-01	ETGI-339	Solid	Benzo(b)fluoranthene		420.000		52.5	110 ug/Kg
P2477-01	ETGI-339	Solid	Benzo(g,h,i)perylene		94.600	J	51.9	110 ug/Kg
P2477-01	ETGI-339	Solid	Benzo(k)fluoranthene		170.000		53.5	110 ug/Kg
P2477-01	ETGI-339	Solid	Bis(2-ethylhexyl)phthalate		73.200	J	59	110 ug/Kg
P2477-01	ETGI-339	Solid	Chrysene		450.000		51.5	110 ug/Kg
P2477-01	ETGI-339	Solid	Fluoranthene		330.000		52.9	110 ug/Kg
P2477-01	ETGI-339	Solid	Indeno(1,2,3-cd)pyrene		89.600	J	50.6	110 ug/Kg
P2477-01	ETGI-339	Solid	Pentachlorophenol		79.300	J	50.1	210 ug/Kg
P2477-01	ETGI-339	Solid	Phenanthrene		87.500	J	54.4	110 ug/Kg
P2477-01	ETGI-339	Solid	Pyrene		540.000		53.8	110 ug/Kg
Total Svoc :				2,784.20				
Total Concentration:				4,394.90				
Client ID : WC-MH-JJ								
P2480-01	WC-MH-JJ	Solid	(S)-(+)-1,2-Propanediol	*	86.700	J		
P2480-01	WC-MH-JJ	Solid	1-Dodecanol, 2-hexyl-	*	77.900	J		
P2480-01	WC-MH-JJ	Solid	2,6,10-Dodecatrien-1-ol, 3,7,11-tr	*	49.100	J		
P2480-01	WC-MH-JJ	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2480-01	WC-MH-JJ	Solid	Cyclohexane	*	53.900	J		
P2480-01	WC-MH-JJ	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	76.900	J		
P2480-01	WC-MH-JJ	Solid	n-Hexadecanoic acid	*	53.400	J		
Total Tics :				1,497.90				
Total Concentration:				1,497.90				
Client ID : SP-G-COMP								
P2488-01	SP-G-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P2488-01	SP-G-COMP	Solid	9,10-Anthracenedione	*	150.000	J		
P2488-01	SP-G-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	590.000	J		

Hit Summary Sheet SW-846

SDG No.: BG051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				900.00				
P2488-01	SP-G-COMP	Solid	Benzo(a)anthracene	530.000		180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Benzo(a)pyrene	530.000		210	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Benzo(b)fluoranthene	740.000		180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Benzo(g,h,i)perylene	260.000	J	180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Benzo(k)fluoranthene	270.000	J	180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Bis(2-ethylhexyl)phthalate	200.000	J	200	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Chrysene	600.000		180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Fluoranthene	1,200.000		180	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Indeno(1,2,3-cd)pyrene	230.000	J	170	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Phenanthrene	660.000		190	380	ug/Kg
P2488-01	SP-G-COMP	Solid	Pyrene	980.000		180	380	ug/Kg
Total Svoc :				6,200.00				
Total Concentration:				7,100.00				
Client ID : 72-11978								
P2490-01	72-11978	Solid	2-Pentanone, 4-hydroxy-4-methyl *	65.800	A			
P2490-01	72-11978	Solid	Benzo[e]pyrene *	53.100	J			
P2490-01	72-11978	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P2490-01	72-11978	Solid	E-15-Heptadecenal *	77.000	J			
P2490-01	72-11978	Solid	o-Terphenyl *	1,800.000	J			
P2490-01	72-11978	Solid	Octadecane, 1-chloro- *	1,200.000	J			
Total Tics :				4,395.90				
P2490-01	72-11978	Solid	Benzo(a)anthracene	90.600	J	57.7	120	ug/Kg
P2490-01	72-11978	Solid	Benzo(a)pyrene	89.200	J	66.5	120	ug/Kg
P2490-01	72-11978	Solid	Benzo(b)fluoranthene	110.000	J	58	120	ug/Kg
P2490-01	72-11978	Solid	Chrysene	86.200	J	56.8	120	ug/Kg
P2490-01	72-11978	Solid	Fluoranthene	160.000		58.4	120	ug/Kg
P2490-01	72-11978	Solid	Phenanthrene	70.200	J	60	120	ug/Kg
P2490-01	72-11978	Solid	Pyrene	140.000		59.3	120	ug/Kg
Total Svoc :				746.20				
Total Concentration:				5,142.10				
Client ID : VNJ-277								
P2491-01	VNJ-277	Solid	Butane, 2-methoxy-2-methyl- *	790.000	J			
Total Tics :				790.00				
P2491-01	VNJ-277	Solid	Benzo(a)anthracene	70.800	J	51.7	110	ug/Kg
P2491-01	VNJ-277	Solid	Benzo(a)pyrene	68.600	J	59.6	110	ug/Kg
P2491-01	VNJ-277	Solid	Benzo(b)fluoranthene	100.000	J	52	110	ug/Kg
P2491-01	VNJ-277	Solid	Chrysene	89.200	J	51	110	ug/Kg
P2491-01	VNJ-277	Solid	Fluoranthene	140.000		52.4	110	ug/Kg
P2491-01	VNJ-277	Solid	Pyrene	120.000		53.2	110	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BG051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		588.60			
			Total Concentration:		1,378.60			



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.: BG051624 SAS No.: BG051624 SDG NO.: BG051624

EPA Sample No.: SSTDICCC040 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 12:15

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 PB160933BL	19319	7.93	73463	10.72	60773	14.56
02 PB160933BS	22127	7.93	91112	10.72	77227	14.56
03 SP25-06-20240510-WC	23446	7.93	88638	10.72	67679	14.55
04 B-114-SB01	22552	7.93	89417	10.73	72013	14.56
05 B-114-SB02	22544	7.93	91194	10.73	72050	14.56
06 72-11978	25296	7.93	100286	10.72	84765	14.56
07 WC-1-COMP	24476	7.93	98575	10.72	79916	14.56
08 WC-1-COMPMS	23675	7.92	99528	10.73	78885	14.56
09 WC-1-COMPMSD	25279	7.93	104011	10.73	82588	14.56
10 ETGI-339	29680	7.93	113038	10.72	86473	14.56
11 WC-MH-JJ	26285	7.93	106554	10.72	85545	14.56
12 VNJ-277	28801	7.93	114413	10.72	87229	14.56
13 TR-04-051424	26785	7.93	104277	10.72	79414	14.56
14 SP-G-COMP	27290	7.93	106831	10.72	79974	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.: BG051624 SAS No.: BG051624 SDG NO.: BG051624

EPA Sample No.: SSTDCCC040 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BG061216.D Time Analyzed: 12:15

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	24590	7.931	96823	10.73	79094	14.56
UPPER LIMIT	49180	8.431	193646	11.228	158188	15.064
LOWER LIMIT	12295	7.431	48411.5	10.228	39547	14.064
EPA SAMPLE NO.						
01 PB160933BL	19319	7.93	73463	10.72	60773	14.56
02 PB160933BS	22127	7.93	91112	10.72	77227	14.56
03 SP25-06-20240510-WC	23446	7.93	88638	10.72	67679	14.55
04 B-114-SB01	22552	7.93	89417	10.73	72013	14.56
05 B-114-SB02	22544	7.93	91194	10.73	72050	14.56
06 72-11978	25296	7.93	100286	10.72	84765	14.56
07 WC-1-COMP	24476	7.93	98575	10.72	79916	14.56
08 WC-1-COMPMS	23675	7.92	99528	10.73	78885	14.56
09 WC-1-COMPMSD	25279	7.93	104011	10.73	82588	14.56
10 ETGI-339	29680	7.93	113038	10.72	86473	14.56
11 WC-MH-JJ	26285	7.93	106554	10.72	85545	14.56
12 VNJ-277	28801	7.93	114413	10.72	87229	14.56
13 TR-04-051424	26785	7.93	104277	10.72	79414	14.56
14 SP-G-COMP	27290	7.93	106831	10.72	79974	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.: BG051624 SAS No.: BG051624 SDG NO.: BG051624

EPA Sample No.: SSTDICCC040 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 12:15

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	PB160933BL	162968	17.31	177430	21.57	207198	24.70
02	PB160933BS	188664	17.31	186713	21.57	214339	24.69
03	SP25-06-20240510-WC	165115	17.30	168148	21.56	201209	24.68
04	B-114-SB01	172509	17.31	179926	21.57	216215	24.69
05	B-114-SB02	169273	17.31	170242	21.57	216176	24.69
06	72-11978	202968	17.31	199916	21.56	245386	24.69
07	WC-1-COMP	189468	17.31	190047	21.56	226902	24.68
08	WC-1-COMPMS	188778	17.31	188600	21.57	231076	24.69
09	WC-1-COMPMSD	189250	17.31	188406	21.57	228398	24.69
10	ETGI-339	186774	17.30	186559	21.57	231392	24.69
11	WC-MH-JJ	195631	17.31	189036	21.56	232156	24.68
12	VNJ-277	196993	17.31	197966	21.57	244137	24.69
13	TR-04-051424	171944	17.31	176432	21.57	217416	24.69
14	SP-G-COMP	169143	17.31	171775	21.56	209474	24.70

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.: BG051624 SAS No.: BG051624 SDG NO.: BG051624

EPA Sample No.: SSTDCCC040 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BG061216.D Time Analyzed: 12:15

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	188137	17.308	188841	21.574	221907	24.694
UPPER LIMIT	376274	17.808	377682	22.074	443814	25.194
LOWER LIMIT	94068.5	16.808	94420.5	21.074	110953.5	24.194
EPA SAMPLE NO.						
01 PB160933BL	162968	17.31	177430	21.57	207198	24.70
02 PB160933BS	188664	17.31	186713	21.57	214339	24.69
03 SP25-06-20240510-WC	165115	17.30	168148	21.56	201209	24.68
04 B-114-SB01	172509	17.31	179926	21.57	216215	24.69
05 B-114-SB02	169273	17.31	170242	21.57	216176	24.69
06 72-11978	202968	17.31	199916	21.56	245386	24.69
07 WC-1-COMP	189468	17.31	190047	21.56	226902	24.68
08 WC-1-COMPMS	188778	17.31	188600	21.57	231076	24.69
09 WC-1-COMPMSD	189250	17.31	188406	21.57	228398	24.69
10 ETGI-339	186774	17.30	186559	21.57	231392	24.69
11 WC-MH-JJ	195631	17.31	189036	21.56	232156	24.68
12 VNJ-277	196993	17.31	197966	21.57	244137	24.69
13 TR-04-051424	171944	17.31	176432	21.57	217416	24.69
14 SP-G-COMP	169143	17.31	171775	21.56	209474	24.70

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.: BG051624

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160933BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	810	ug/Kg	48				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				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	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	700	ug/Kg	41				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	940	ug/Kg	55				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3300	ug/Kg	100				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	23300	ug/Kg	86				57	104	
	2,4-Dinitrophenol	3300	2300	ug/Kg	70				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG051624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160933BS	4-Nitrophenol	3300	2400	ug/Kg	73				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	2100	ug/Kg	64		*		67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	910	ug/Kg	28				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70	108	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP25-06-20240510-WC

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051624

SAS No.: BG051624 SDG NO.: BG051624

Lab File ID: BG061219.D

Lab Sample ID: P2454-02

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) water

Date Analyzed: 05/16/2024

Level: (low/med) LOW

Time Analyzed: 13:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP25-06-20240510-WC	P2454-02	BG061219.D	05/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160933BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051624

SAS No.: BG051624 SDG NO.: BG051624

Lab File ID: BG061217.D

Lab Sample ID: PB160933BL

Instrument ID: BNA_G

Date Extracted: 05/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/16/2024

Level: (low/med) LOW

Time Analyzed: 12:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160933BS	PB160933BS	BG061218.D	05/16/2024
TR-04-051424	P2473-01	BG061229.D	05/16/2024
B-114-SB01	P2474-02	BG061220.D	05/16/2024
B-114-SB02	P2474-01	BG061221.D	05/16/2024
WC-1-COMP	P2476-01	BG061223.D	05/16/2024
WC-1-COMPMS	P2476-01MS	BG061224.D	05/16/2024
WC-1-COMPMSD	P2476-01MSD	BG061225.D	05/16/2024
ETGI-339	P2477-01	BG061226.D	05/16/2024
WC-MH-JJ	P2480-01	BG061227.D	05/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-277

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051624

SAS No.: BG051624 SDG NO.: BG051624

Lab File ID: BG061228.D

Lab Sample ID: P2491-01

Instrument ID: BNA_G

Date Extracted: 05/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/16/2024

Level: (low/med) LOW

Time Analyzed: 20:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-277	P2491-01	BG061228.D	05/16/2024
72-11978	P2490-01	BG061222.D	05/16/2024
SP-G-COMP	P2488-01	BG061230.D	05/16/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2476-01MS	Client Sample ID:	WC-1-COMPMS					DataFile:	BG061224.D		
n-Nitrosodimethylamine	1800		1400	ug/Kg	78				66	124	
Pyridine	1800		1200	ug/Kg	67				45	119	
Benzaldehyde	1800		540	ug/Kg	30				26	163	
Aniline	1800		1100	ug/Kg	61				10	88	
Phenol	1800		1800	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1800		1700	ug/Kg	94				74	116	
2-Chlorophenol	1800		1700	ug/Kg	94				61	138	
1,2-Dichlorobenzene	1800		1600	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1800		1600	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1800		1500	ug/Kg	83				63	104	
Benzyl Alcohol	1800		1700	ug/Kg	94				47	126	
2-Methylphenol	1800		1700	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1800		1900	ug/Kg	106				52	115	
Acetophenone	1800		1600	ug/Kg	89				75	111	
3+4-Methylphenols	1800		1600	ug/Kg	89				53	132	
N-Nitroso-di-n-propylamine	1800		1500	ug/Kg	83				59	119	
Hexachloroethane	1800		1600	ug/Kg	89				65	117	
Nitrobenzene	1800		1600	ug/Kg	89				70	119	
Isophorone	1800		1500	ug/Kg	83				76	122	
2-Nitrophenol	1800		1600	ug/Kg	89				54	145	
2,4-Dimethylphenol	1800		1800	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1800		1600	ug/Kg	89				68	112	
2,4-Dichlorophenol	1800		1700	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1800		1500	ug/Kg	83				57	103	
Benzoic acid	1800		940	ug/Kg	52				50	104	
Naphthalene	1800		1500	ug/Kg	83				72	110	
4-Chloroaniline	1800		880	ug/Kg	49				10	100	
Hexachlorobutadiene	1800		1500	ug/Kg	83				66	114	
Caprolactam	1800		1400	ug/Kg	78				51	134	
4-Chloro-3-methylphenol	1800		1600	ug/Kg	89				57	132	
2-Methylnaphthalene	1800		1500	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	3600		3000	ug/Kg	83				10	175	
2,4,6-Trichlorophenol	1800		1600	ug/Kg	89				72	117	
2,4,5-Trichlorophenol	1800		1600	ug/Kg	89				72	117	
1,1-Biphenyl	1800		1700	ug/Kg	94				75	113	
2-Chloronaphthalene	1800		1700	ug/Kg	94				67	118	
2-Nitroaniline	1800		1700	ug/Kg	94				69	127	
Dimethylphthalate	1800		1500	ug/Kg	83				70	113	
Acenaphthylene	1800		1800	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1800		1500	ug/Kg	83				70	125	
3-Nitroaniline	1800		1200	ug/Kg	67				20	111	
Acenaphthene	1800		1600	ug/Kg	89				70	121	
Total PAH	28800		26500	ug/Kg	92				70	121	
2,4-Dinitrophenol	3600		2100	ug/Kg	58				16	160	
4-Nitrophenol	3600		2700	ug/Kg	75				45	133	
Dibenzofuran	1800		1600	ug/Kg	89				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1500	ug/Kg	83				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3000	ug/Kg	83				55	128	
Diethylphthalate	1800		1500	ug/Kg	83				70	112	
4-Chlorophenyl-phenylether	1800		1600	ug/Kg	89				71	108	
Fluorene	1800		1600	ug/Kg	89				68	116	
4-Nitroaniline	1800		1500	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1800		1400	ug/Kg	78				32	145	
N-Nitrosodiphenylamine	1800		1700	ug/Kg	94				73	118	
Azobenzene	1800		1700	ug/Kg	94				73	110	
4-Bromophenyl-phenylether	1800		1700	ug/Kg	94				65	121	
Hexachlorobenzene	1800		1700	ug/Kg	94				67	118	
Atrazine	1800		1700	ug/Kg	94				79	127	
Pentachlorophenol	3600		2400	ug/Kg	67				47	128	
Phenanthrene	1800		1700	ug/Kg	94				72	113	
Anthracene	1800		1700	ug/Kg	94				62	124	
Carbazole	1800		1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800		1600	ug/Kg	89				69	118	
Fluoranthene	1800		1600	ug/Kg	89				59	125	
Benzydine	3600		1400	ug/Kg	39				10	119	
Pyrene	1800		1600	ug/Kg	89				52	128	
Butylbenzylphthalate	1800		1700	ug/Kg	94				64	126	
3,3-Dichlorobenzidine	1800		1200	ug/Kg	67				10	164	
Benzo(a)anthracene	1800		1700	ug/Kg	94				71	114	
Chrysene	1800		1700	ug/Kg	94				57	121	
bis(2-Ethylhexyl)phthalate	1800		1900	ug/Kg	106				66	127	
Di-n-octyl phthalate	1800		1800	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1800		1600	ug/Kg	89				67	121	
Benzo(k)fluoranthene	1800		1700	ug/Kg	94				74	114	
Benzo(a)pyrene	1800		1700	ug/Kg	94				70	142	
Indeno(1,2,3-cd)pyrene	1800		1700	ug/Kg	94				61	125	
Dibenz(a,h)anthracene	1800		1700	ug/Kg	94				67	130	
Benzo(g,h,i)perylene	1800		1600	ug/Kg	89				53	140	
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100				69	124	
1,4-Dioxane	1800		1300	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1800		1500	ug/Kg	83				56	133	
1-Methylnaphthalene	1800		1400	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2476-01MSD	Client Sample ID:	WC-1-COMPMSD					DataFile:	BG061225.D		
n-Nitrosodimethylamine	1800		1400	ug/Kg	78		0		66	124	20
Pyridine	1800		1200	ug/Kg	67		0		45	119	20
Benzaldehyde	1800		540	ug/Kg	30		0		26	163	20
Aniline	1800		1100	ug/Kg	61		0		10	88	20
Phenol	1800		1800	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1800		1600	ug/Kg	89		5		74	116	20
2-Chlorophenol	1800		1700	ug/Kg	94		0		61	138	20
1,2-Dichlorobenzene	1800		1600	ug/Kg	89		0		61	105	20
1,3-Dichlorobenzene	1800		1500	ug/Kg	83		7		62	101	20
1,4-Dichlorobenzene	1800		1500	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1800		1700	ug/Kg	94		0		47	126	20
2-Methylphenol	1800		1700	ug/Kg	94		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800		1900	ug/Kg	106		0		52	115	20
Acetophenone	1800		1600	ug/Kg	89		0		75	111	20
3+4-Methylphenols	1800		1600	ug/Kg	89		0		53	132	20
N-Nitroso-di-n-propylamine	1800		1500	ug/Kg	83		0		59	119	20
Hexachloroethane	1800		1600	ug/Kg	89		0		65	117	20
Nitrobenzene	1800		1600	ug/Kg	89		0		70	119	20
Isophorone	1800		1500	ug/Kg	83		0		76	122	20
2-Nitrophenol	1800		1600	ug/Kg	89		0		54	145	20
2,4-Dimethylphenol	1800		1900	ug/Kg	106		6		83	144	20
bis(2-Chloroethoxy)methane	1800		1600	ug/Kg	89		0		68	112	20
2,4-Dichlorophenol	1800		1700	ug/Kg	94		0		72	118	20
1,2,4-Trichlorobenzene	1800		1600	ug/Kg	89		7		57	103	20
Benzoic acid	1800		950	ug/Kg	53		2		50	104	20
Naphthalene	1800		1600	ug/Kg	89		7		72	110	20
4-Chloroaniline	1800		920	ug/Kg	51		4		10	100	20
Hexachlorobutadiene	1800		1500	ug/Kg	83		0		66	114	20
Caprolactam	1800		1400	ug/Kg	78		0		51	134	20
4-Chloro-3-methylphenol	1800		1600	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1800		1500	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	3600		2900	ug/Kg	81		2		10	175	20
2,4,6-Trichlorophenol	1800		1700	ug/Kg	94		5		72	117	20
2,4,5-Trichlorophenol	1800		1600	ug/Kg	89		0		72	117	20
1,1-Biphenyl	1800		1700	ug/Kg	94		0		75	113	20
2-Chloronaphthalene	1800		1700	ug/Kg	94		0		67	118	20
2-Nitroaniline	1800		1800	ug/Kg	100		6		69	127	20
Dimethylphthalate	1800		1500	ug/Kg	83		0		70	113	20
Acenaphthylene	1800		1800	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1800		1500	ug/Kg	83		0		70	125	20
3-Nitroaniline	1800		1200	ug/Kg	67		0		20	111	20
Acenaphthene	1800		1600	ug/Kg	89		0		70	121	20
Total PAH	28800		26700	ug/Kg	93		1		70	121	20
2,4-Dinitrophenol	3600		1900	ug/Kg	53		9		16	160	20
4-Nitrophenol	3600		2600	ug/Kg	72		4		45	133	20
Dibenzofuran	1800		1600	ug/Kg	89		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG051624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1500	ug/Kg	83		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3000	ug/Kg	83		0		55	128	20
Diethylphthalate	1800		1500	ug/Kg	83		0		70	112	20
4-Chlorophenyl-phenylether	1800		1500	ug/Kg	83		7		71	108	20
Fluorene	1800		1600	ug/Kg	89		0		68	116	20
4-Nitroaniline	1800		1400	ug/Kg	78		6		55	120	20
4,6-Dinitro-2-methylphenol	1800		1400	ug/Kg	78		0		32	145	20
N-Nitrosodiphenylamine	1800		1800	ug/Kg	100		6		73	118	20
Azobenzene	1800		1700	ug/Kg	94		0		73	110	20
4-Bromophenyl-phenylether	1800		1800	ug/Kg	100		6		65	121	20
Hexachlorobenzene	1800		1700	ug/Kg	94		0		67	118	20
Atrazine	1800		1800	ug/Kg	100		6		79	127	20
Pentachlorophenol	3600		2400	ug/Kg	67		0		47	128	20
Phenanthrene	1800		1800	ug/Kg	100		6		72	113	20
Anthracene	1800		1700	ug/Kg	94		0		62	124	20
Carbazole	1800		1600	ug/Kg	89		5		59	119	20
Di-n-butylphthalate	1800		1600	ug/Kg	89		0		69	118	20
Fluoranthene	1800		1600	ug/Kg	89		0		59	125	20
Benzydine	3600		1500	ug/Kg	42		7		10	119	20
Pyrene	1800		1600	ug/Kg	89		0		52	128	20
Butylbenzylphthalate	1800		1700	ug/Kg	94		0		64	126	20
3,3-Dichlorobenzidine	1800		1300	ug/Kg	72		7		10	164	20
Benzo(a)anthracene	1800		1700	ug/Kg	94		0		71	114	20
Chrysene	1800		1700	ug/Kg	94		0		57	121	20
bis(2-Ethylhexyl)phthalate	1800		1800	ug/Kg	100		6		66	127	20
Di-n-octyl phthalate	1800		1800	ug/Kg	100		0		71	126	20
Benzo(b)fluoranthene	1800		1600	ug/Kg	89		0		67	121	20
Benzo(k)fluoranthene	1800		1700	ug/Kg	94		0		74	114	20
Benzo(a)pyrene	1800		1700	ug/Kg	94		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800		1700	ug/Kg	94		0		61	125	20
Dibenz(a,h)anthracene	1800		1700	ug/Kg	94		0		67	130	20
Benzo(g,h,i)perylene	1800		1600	ug/Kg	89		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100		0		69	124	20
1,4-Dioxane	1800		1200	ug/Kg	67		7		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1600	ug/Kg	89		7		56	133	20
1-Methylnaphthalene	1800		1400	ug/Kg	78		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.: BG051624

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2454-02	SP25-06-20240510-BG061219.D		2-Fluorophenol	150	129.91	87		10	139
			Phenol-d6	150	102.02	68		10	134
			Nitrobenzene-d5	100	92.54	93		49	133
			2-Fluorobiphenyl	100	95.19	95		52	132
			2,4,6-Tribromophenol	150	139.29	93		32	145
			Terphenyl-d14	100	89.12	89		36	145

Surrogate Summary

SW-846

SDG No.: **BG051624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2473-01	TR-04-051424	BG061229.D	2-Fluorophenol	150	89.23	59		18	112
			Phenol-d6	150	79.01	53		15	107
			Nitrobenzene-d5	100	52.28	52		18	107
			2-Fluorobiphenyl	100	52.65	53		20	109
			2,4,6-Tribromophenol	150	60.73	40		10	110
			Terphenyl-d14	100	49.92	50		14	112
P2474-01	B-114-SB02	BG061221.D	2-Fluorophenol	150	105.17	70		18	112
			Phenol-d6	150	98.50	66		15	107
			Nitrobenzene-d5	100	65.31	65		18	107
			2-Fluorobiphenyl	100	62.13	62		20	109
			2,4,6-Tribromophenol	150	80.71	54		10	110
			Terphenyl-d14	100	52.27	52		14	112
P2474-02	B-114-SB01	BG061220.D	2-Fluorophenol	150	79.89	53		18	112
			Phenol-d6	150	73.70	49		15	107
			Nitrobenzene-d5	100	46.49	46		18	107
			2-Fluorobiphenyl	100	40.20	40		20	109
			2,4,6-Tribromophenol	150	64.68	43		10	110
			Terphenyl-d14	100	32.95	33		14	112
P2476-01	WC-1-COMP	BG061223.D	2-Fluorophenol	150	124.70	83		18	112
			Phenol-d6	150	116.36	78		15	107
			Nitrobenzene-d5	100	74.24	74		18	107
			2-Fluorobiphenyl	100	72.65	73		20	109
			2,4,6-Tribromophenol	150	101.32	68		10	110
			Terphenyl-d14	100	66.56	67		14	112
P2476-01MS	WC-1-COMPMS	BG061224.D	2-Fluorophenol	150	126.07	84		18	112
			Phenol-d6	150	117.04	78		15	107
			Nitrobenzene-d5	100	71.76	72		18	107
			2-Fluorobiphenyl	100	71.70	72		20	109
			2,4,6-Tribromophenol	150	97.95	65		10	110
			Terphenyl-d14	100	64.20	64		14	112
P2476-01MSD	WC-1-COMPMSD	BG061225.D	2-Fluorophenol	150	124.70	83		18	112
			Phenol-d6	150	116.05	77		15	107
			Nitrobenzene-d5	100	73.60	74		18	107
			2-Fluorobiphenyl	100	70.66	71		20	109
			2,4,6-Tribromophenol	150	96.47	64		10	110
			Terphenyl-d14	100	63.30	63		14	112
P2477-01	ETGI-339	BG061226.D	2-Fluorophenol	150	90.74	60		18	112
			Phenol-d6	150	84.13	56		15	107
			Nitrobenzene-d5	100	57.01	57		18	107
			2-Fluorobiphenyl	100	59.12	59		20	109
			2,4,6-Tribromophenol	150	73.27	49		10	110
			Terphenyl-d14	100	55.32	55		14	112
P2480-01	WC-MH-JJ	BG061227.D	2-Fluorophenol	150	88.15	59		18	112
			Phenol-d6	150	82.38	55		15	107
			Nitrobenzene-d5	100	52.82	53		18	107
			2-Fluorobiphenyl	100	53.33	53		20	109
			2,4,6-Tribromophenol	150	68.54	46		10	110
			Terphenyl-d14	100	47.87	48		14	112
PB160933BL	PB160933BL	BG061217.D	2-Fluorophenol	150	158.05	105		18	112



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

Surrogate Summary

SW-846

SDG No.: **BG051624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160933BL	PB160933BL	BG061217.D	Phenol-d6	150	140.59	94		15	107
			Nitrobenzene-d5	100	94.69	95		18	107
			2-Fluorobiphenyl	100	92.51	93		20	109
			2,4,6-Tribromophenol	150	132.51	88		10	110
			Terphenyl-d14	100	90.88	91		14	112
PB160933BS	PB160933BS	BG061218.D	2-Fluorophenol	150	153.86	103		18	112
			Phenol-d6	150	141.73	94		15	107
			Nitrobenzene-d5	100	85.69	86		18	107
			2-Fluorobiphenyl	100	82.90	83		20	109
			2,4,6-Tribromophenol	150	118.02	79		10	110
			Terphenyl-d14	100	84.37	84		14	112

Surrogate Summary

SW-846

SDG No.: **BG051624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2488-01	SP-G-COMP	BG061230.D	2-Fluorophenol	150	38.64	26		18	112
			Phenol-d6	150	46.25	31		15	107
			Nitrobenzene-d5	100	26.25	26		18	107
			2-Fluorobiphenyl	100	38.62	39		20	109
			2,4,6-Tribromophenol	150	71.02	47		10	110
			Terphenyl-d14	100	51.98	52		14	112
P2490-01	72-11978	BG061222.D	2-Fluorophenol	150	94.93	63		18	112
			Phenol-d6	150	88.05	59		15	107
			Nitrobenzene-d5	100	56.73	57		18	107
			2-Fluorobiphenyl	100	54.09	54		20	109
			2,4,6-Tribromophenol	150	75.74	50		10	110
			Terphenyl-d14	100	52.07	52		14	112
P2491-01	VNJ-277	BG061228.D	2-Fluorophenol	150	83.11	55		18	112
			Phenol-d6	150	77.15	51		15	107
			Nitrobenzene-d5	100	49.72	50		18	107
			2-Fluorobiphenyl	100	49.80	50		20	109
			2,4,6-Tribromophenol	150	64.75	43		10	110
			Terphenyl-d14	100	46.45	46		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG051624

Lab Code: CHEM

SAS No.: BG051624

SDG NO.: BG051624

Lab File ID: BG061215.D

DFTPP Injection Date: 05/16/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.8
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	29
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.5 (20.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG061216.D	05/16/2024	11:34
PB160933BL	PB160933BL	BG061217.D	05/16/2024	12:15
PB160933BS	PB160933BS	BG061218.D	05/16/2024	12:56
SP25-06-20240510-WC	P2454-02	BG061219.D	05/16/2024	13:55
B-114-SB01	P2474-02	BG061220.D	05/16/2024	14:36
B-114-SB02	P2474-01	BG061221.D	05/16/2024	15:16
72-11978	P2490-01	BG061222.D	05/16/2024	15:58
WC-1-COMP	P2476-01	BG061223.D	05/16/2024	16:39
WC-1-COMPMS	P2476-01MS	BG061224.D	05/16/2024	17:20
WC-1-COMPMSD	P2476-01MSD	BG061225.D	05/16/2024	18:01
ETGI-339	P2477-01	BG061226.D	05/16/2024	18:42
WC-MH-JJ	P2480-01	BG061227.D	05/16/2024	19:23
VNJ-277	P2491-01	BG061228.D	05/16/2024	20:04
TR-04-051424	P2473-01	BG061229.D	05/16/2024	20:45
SP-G-COMP	P2488-01	BG061230.D	05/16/2024	21:26