

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG No.: BM081924

Instrument ID: BNA_M Calibration Date/Time: 8/19/2024 1:09:42

Lab File ID: BM047245.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.594	0.454		-23.569	
Pyridine	1.360	1.126		-17.206	
2-Fluorophenol	1.119	0.985		-11.975	
Benzaldehyde	0.904	0.709		-21.571	
Aniline	1.458	1.322		-9.328	
Phenol-d6	1.542	1.370		-11.154	
Phenol	1.539	1.352		-12.151	20.0
bis(2-Chloroethyl)ether	1.318	1.135		-13.885	
2-Chlorophenol	1.221	1.116		-8.6	
1,2-Dichlorobenzene	1.386	1.290		-6.926	
1,3-Dichlorobenzene	1.451	1.346		-7.236	
1,4-Dichlorobenzene	1.469	1.365		-7.08	20.0
Benzyl Alcohol	1.098	1.084		-1.275	
2-Methylphenol	1.027	0.951		-7.4	
2,2-oxybis(1-Chloropropane)	1.691	1.402		-17.09	
Acetophenone	0.483	0.429		-11.18	
3+4-Methylphenols	1.435	1.329		-7.387	
n-Nitroso-di-n-propylamine	1.039	0.892	0.050	-14.148	
Nitrobenzene-d5	0.397	0.345		-13.098	
Hexachloroethane	0.569	0.514		-9.666	
Nitrobenzene	0.400	0.352		-12.0	
Isophorone	0.692	0.636		-8.092	
2-Nitrophenol	0.177	0.175		-1.13	20.0
2,4-Dimethylphenol	0.207	0.199		-3.865	
bis(2-Chloroethoxy)methane	0.435	0.390		-10.345	
2,4-Dichlorophenol	0.308	0.310		0.649	20.0
1,2,4-Trichlorobenzene	0.348	0.344		-1.149	
Benzoic acid	0.241	0.251		4.149	
Naphthalene	0.996	0.908		-8.835	
4-Chloroaniline	0.383	0.362		-5.483	
Hexachlorobutadiene	0.204	0.213		4.412	20.0
Caprolactam	0.107	0.106		-0.935	
4-Chloro-3-methylphenol	0.328	0.316		-3.659	20.0
2-Methylnaphthalene	0.709	0.667		-5.924	
Hexachlorocyclopentadiene	0.190	0.154	0.050	-18.947	
2,4,6-Trichlorophenol	0.388	0.387		-0.258	20.0
2-Fluorobiphenyl	1.297	1.203		-7.247	
2,4,5-Trichlorophenol	0.430	0.431		0.233	
1,1-Biphenyl	1.424	1.270		-10.815	

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Lab File ID: BM047245.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	1.113	0.993		-10.782	
2-Nitroaniline	0.349	0.304		-12.894	
Dimethylphthalate	1.397	1.291		-7.588	
Acenaphthylene	1.640	1.482		-9.634	
2,6-Dinitrotoluene	0.327	0.311		-4.893	
3-Nitroaniline	0.327	0.306		-6.422	
Acenaphthene	1.041	0.938		-9.894	20.0
2,4-Dinitrophenol	0.196	0.177	0.050	-9.694	
4-Nitrophenol	0.282	0.259	0.050	-8.156	
Dibenzofuran	1.644	1.483		-9.793	
2,4-Dinitrotoluene	0.436	0.410		-5.963	
Diethylphthalate	1.426	1.295		-9.187	
4-Chlorophenyl-phenylether	0.646	0.609		-5.728	
Fluorene	1.356	1.232		-9.145	
4-Nitroaniline	0.322	0.299		-7.143	
4,6-Dinitro-2-methylphenol	0.117	0.115		-1.709	
n-Nitrosodiphenylamine	0.545	0.491		-9.908	20.0
Azobenzene	1.352	1.125		-16.79	
2,4,6-Tribromophenol	0.232	0.233		0.431	
4-Bromophenyl-phenylether	0.193	0.187		-3.109	
Hexachlorobenzene	0.231	0.217		-6.061	
Atrazine	0.164	0.165		0.61	
Pentachlorophenol	0.162	0.158		-2.469	20.0
Phenanthrene	1.004	0.896		-10.757	
Anthracene	0.977	0.888		-9.11	
Carbazole	0.997	0.892		-10.532	
Di-n-butylphthalate	1.160	1.070		-7.759	
Fluoranthene	1.221	1.121		-8.19	20.0
Benzidine	0.339	0.629		85.546	
Pyrene	1.428	1.389		-2.731	
Terphenyl-d14	0.933	0.922		-1.179	
Butylbenzylphthalate	0.583	0.580		-0.515	
3,3-Dichlorobenzidine	0.415	0.416		0.241	
Benzo(a)anthracene	1.328	1.210		-8.886	
Chrysene	1.260	1.127		-10.556	
Bis(2-ethylhexyl)phthalate	0.826	0.796		-3.632	
Di-n-octyl phthalate	1.405	1.416		0.783	20.0
Benzo(b)fluoranthene	1.188	1.040		-12.458	
Benzo(k)fluoranthene	1.122	0.981		-12.567	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG No.: BM081924

Instrument ID: BNA_M Calibration Date/Time: 8/19/2024 1:09:42

Lab File ID: BM047245.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.029	0.906		-11.953	20.0
Indeno(1,2,3-cd)pyrene	1.293	1.055		-18.407	
Dibenzo(a,h)anthracene	1.046	0.868		-17.017	
Benzo(g,h,i)perylene	1.086	0.869		-19.982	
1,2,4,5-Tetrachlorobenzene	0.546	0.543		-0.549	
1,4-Dioxane	0.464	0.372		-19.828	20.0
2,3,4,6-Tetrachlorophenol	0.354	0.355		0.282	
1-Methylnaphthalene	0.701	0.654		-6.705	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BL	SDG No.:	BM081924
Lab Sample ID:	PB162722BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047246.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BL	SDG No.:	BM081924
Lab Sample ID:	PB162722BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047246.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BL	SDG No.:	BM081924
Lab Sample ID:	PB162722BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047246.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.819		10-139		81	SPK: -150
13127-88-3	Phenol-d6	116.992		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	74.791		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	78.923		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BL	SDG No.:	BM081924
Lab Sample ID:	PB162722BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047246.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.778		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	92.992		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224571	7.369				
1146-65-2	Naphthalene-d8	887832	10.122				
15067-26-2	Acenaphthene-d10	633258	14.027				
1517-22-2	Phenanthrene-d10	1463620	16.792				
1719-03-5	Chrysene-d12	1426650	21.033				
1520-96-3	Perylene-d12	1586344	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.6	A			4.569	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BS	SDG No.:	BM081924
Lab Sample ID:	PB162722BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047247.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36.7		1	8	10	ug/L
110-86-1	Pyridine	27.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.2		4	8	10	ug/L
62-53-3	Aniline	28.4		1.6	4	5	ug/L
108-95-2	Phenol	47.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41		1.4	4	5	ug/L
98-86-2	Acetophenone	39.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.6		1	4	5	ug/L
98-95-3	Nitrobenzene	40.8		1.3	4	5	ug/L
78-59-1	Isophorone	44.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	54.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	53		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.3		5.5	8	10	ug/L
91-20-3	Naphthalene	43.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BS	SDG No.:	BM081924
Lab Sample ID:	PB162722BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047247.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	39.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	38.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.6		0.81	4	5	ug/L
Total PAH	Total PAH	750.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	94.9	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	4	5	ug/L
86-73-7	Fluorene	45.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.5		0.89	4	5	ug/L
103-33-3	Azobenzene	42.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45		1.1	4	5	ug/L
1912-24-9	Atrazine	50.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BS	SDG No.:	BM081924
Lab Sample ID:	PB162722BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047247.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.7		0.89	4	5	ug/L
120-12-7	Anthracene	46.9		1.1	4	5	ug/L
86-74-8	Carbazole	45.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.1		1.3	4	5	ug/L
92-87-5	Benzidine	39.5		4.1	8	10	ug/L
129-00-0	Pyrene	46.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.1		0.94	4	5	ug/L
218-01-9	Chrysene	46.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	50		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	27.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.882		10-139		87	SPK: -150
13127-88-3	Phenol-d6	125.92		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	77.983		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	82.127		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BS	SDG No.:	BM081924
Lab Sample ID:	PB162722BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047247.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.323		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	100.666		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277756	7.363				
1146-65-2	Naphthalene-d8	1128092	10.122				
15067-26-2	Acenaphthene-d10	782637	14.033				
1517-22-2	Phenanthrene-d10	1751225	16.798				
1719-03-5	Chrysene-d12	1584431	21.039				
1520-96-3	Perylene-d12	1735614	23.744				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BSD	SDG No.:	BM081924
Lab Sample ID:	PB162722BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047248.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36.6		1	8	10	ug/L
110-86-1	Pyridine	28		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.5		4	8	10	ug/L
62-53-3	Aniline	27.7		1.6	4	5	ug/L
108-95-2	Phenol	46.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.1		1.4	4	5	ug/L
98-86-2	Acetophenone	39.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.5		1	4	5	ug/L
98-95-3	Nitrobenzene	41.1		1.3	4	5	ug/L
78-59-1	Isophorone	44.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.8		5.5	8	10	ug/L
91-20-3	Naphthalene	43.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BSD	SDG No.:	BM081924
Lab Sample ID:	PB162722BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047248.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	38.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	38.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.6		0.81	4	5	ug/L
Total PAH	Total PAH	750.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	94.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.3		0.98	4	5	ug/L
86-73-7	Fluorene	44.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.7		0.89	4	5	ug/L
103-33-3	Azobenzene	42.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.5		1.1	4	5	ug/L
1912-24-9	Atrazine	51.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BSD	SDG No.:	BM081924
Lab Sample ID:	PB162722BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047248.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.8		0.89	4	5	ug/L
120-12-7	Anthracene	47.5		1.1	4	5	ug/L
86-74-8	Carbazole	46.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.4		1.3	4	5	ug/L
92-87-5	Benzidine	41.3		4.1	8	10	ug/L
129-00-0	Pyrene	45.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	46.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.1		0.94	4	5	ug/L
218-01-9	Chrysene	46.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.6		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	26.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.441		10-139		86	SPK: -150
13127-88-3	Phenol-d6	125.057		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	77.936		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	82.592		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162722BSD	SDG No.:	BM081924
Lab Sample ID:	PB162722BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047248.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.19		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	98.548		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265608	7.369				
1146-65-2	Naphthalene-d8	1076893	10.122				
15067-26-2	Acenaphthene-d10	737861	14.027				
1517-22-2	Phenanthrene-d10	1630379	16.792				
1719-03-5	Chrysene-d12	1511034	21.039				
1520-96-3	Perylene-d12	1710119	23.744				

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BL	SDG No.:	BM081924
Lab Sample ID:	PB162757BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047249.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

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

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BL	SDG No.:	BM081924
Lab Sample ID:	PB162757BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047249.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

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

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BL	SDG No.:	BM081924
Lab Sample ID:	PB162757BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047249.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.511		10-139		84	SPK: -150
13127-88-3	Phenol-d6	119.918		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	76.021		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	79.905		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BL	SDG No.:	BM081924
Lab Sample ID:	PB162757BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047249.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.2		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	80.115		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138664	7.363				
1146-65-2	Naphthalene-d8	543168	10.122				
15067-26-2	Acenaphthene-d10	380393	14.027				
1517-22-2	Phenanthrene-d10	888654	16.792				
1719-03-5	Chrysene-d12	1101328	21.033				
1520-96-3	Perylene-d12	1446229	23.738				

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BS	SDG No.:	BM081924
Lab Sample ID:	PB162757BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047250.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36.3		1	8	10	ug/L
110-86-1	Pyridine	29		1.6	4	5	ug/L
100-52-7	Benzaldehyde	16.9		4	8	10	ug/L
62-53-3	Aniline	27.8		1.6	4	5	ug/L
108-95-2	Phenol	48.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42		1.4	4	5	ug/L
98-86-2	Acetophenone	39.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.4		1	4	5	ug/L
98-95-3	Nitrobenzene	41.1		1.3	4	5	ug/L
78-59-1	Isophorone	44.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	54.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	53.1		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.7		5.5	8	10	ug/L
91-20-3	Naphthalene	43.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BS	SDG No.:	BM081924
Lab Sample ID:	PB162757BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BM047250.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	89.8	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	39.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	39.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.1		0.81	4	5	ug/L
Total PAH	Total PAH	759.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	97.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	45.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.7		0.98	4	5	ug/L
86-73-7	Fluorene	45.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45		0.89	4	5	ug/L
103-33-3	Azobenzene	42.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.7		1.1	4	5	ug/L
1912-24-9	Atrazine	50.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BS	SDG No.:	BM081924
Lab Sample ID:	PB162757BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047250.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.8		0.89	4	5	ug/L
120-12-7	Anthracene	47.2		1.1	4	5	ug/L
86-74-8	Carbazole	45.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.7		1.3	4	5	ug/L
92-87-5	Benzidine	43.1		4.1	8	10	ug/L
129-00-0	Pyrene	44		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	47.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	47.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.3		0.94	4	5	ug/L
218-01-9	Chrysene	46.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	26.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.602		10-139		89	SPK: -150
13127-88-3	Phenol-d6	130.792		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	78.682		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	80.705		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BS	SDG No.:	BM081924
Lab Sample ID:	PB162757BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047250.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.011		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	95.394		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200715	7.363				
1146-65-2	Naphthalene-d8	840423	10.122				
15067-26-2	Acenaphthene-d10	601718	14.027				
1517-22-2	Phenanthrene-d10	1358929	16.792				
1719-03-5	Chrysene-d12	1331978	21.039				
1520-96-3	Perylene-d12	1613228	23.738				

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BSD	SDG No.:	BM081924
Lab Sample ID:	PB162757BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047251.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	36.8		1	8	10	ug/L
110-86-1	Pyridine	29		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.2		4	8	10	ug/L
62-53-3	Aniline	28		1.6	4	5	ug/L
108-95-2	Phenol	48.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.2		1.4	4	5	ug/L
98-86-2	Acetophenone	39.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.6		1	4	5	ug/L
98-95-3	Nitrobenzene	41.2		1.3	4	5	ug/L
78-59-1	Isophorone	44.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	51		5.5	8	10	ug/L
91-20-3	Naphthalene	43.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BSD	SDG No.:	BM081924
Lab Sample ID:	PB162757BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047251.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	48.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	89.2	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	40		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	39.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	44		0.81	4	5	ug/L
Total PAH	Total PAH	762.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.5	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.6		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	47.3		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.4		0.98	4	5	ug/L
86-73-7	Fluorene	45.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.1		0.89	4	5	ug/L
103-33-3	Azobenzene	42.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.1		1.1	4	5	ug/L
1912-24-9	Atrazine	50.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BSD	SDG No.:	BM081924
Lab Sample ID:	PB162757BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047251.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46		0.89	4	5	ug/L
120-12-7	Anthracene	47.6		1.1	4	5	ug/L
86-74-8	Carbazole	46.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.9		1.3	4	5	ug/L
92-87-5	Benzidine	46		4.1	8	10	ug/L
129-00-0	Pyrene	43.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	46.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	49		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.2		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	26		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.166		10-139		90	SPK: -150
13127-88-3	Phenol-d6	130.584		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	78.353		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	81.655		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	PB162757BSD	SDG No.:	BM081924
Lab Sample ID:	PB162757BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047251.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.405		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	94.697		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188275	7.363				
1146-65-2	Naphthalene-d8	791375	10.122				
15067-26-2	Acenaphthene-d10	557332	14.027				
1517-22-2	Phenanthrene-d10	1252425	16.792				
1719-03-5	Chrysene-d12	1245983	21.033				
1520-96-3	Perylene-d12	1572179	23.738				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324	SDG No.:	BM081924
Lab Sample ID:	P3596-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047252.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324	SDG No.:	BM081924
Lab Sample ID:	P3596-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047252.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	37.2		1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324	SDG No.:	BM081924
Lab Sample ID:	P3596-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047252.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	16.9		1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.7		1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.641		10-139		37	SPK: -150
13127-88-3	Phenol-d6	33.637		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	75.228		49-133		75	SPK: -100
321-60-8	2-Fluorobiphenyl	80.915		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324	SDG No.:	BM081924
Lab Sample ID:	P3596-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047252.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	268.508	*	44-137		179	SPK: -150
1718-51-0	Terphenyl-d14	82.816		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44386	7.369				
1146-65-2	Naphthalene-d8	166406	10.122				
15067-26-2	Acenaphthene-d10	113109	14.027				
1517-22-2	Phenanthrene-d10	249095	16.792				
1719-03-5	Chrysene-d12	412667	21.033				
1520-96-3	Perylene-d12	725693	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown14.269	20.6	J			14.269	
	unknown14.286	22.9	J			14.286	
000629-92-5	Nonadecane	52.5	J			18.415	
000112-61-8	Methyl stearate	8.5	J			18.827	
1000308-98-5	Phthalic acid, 2-ethylhexyl isohex	83.5	J			18.886	
000057-11-4	Octadecanoic acid	120	J			19.08	
000630-01-3	Hexacosane	17.5	J			20.333	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	44.4	J			20.698	
1000377-93-5	Phthalic acid, di(2-propylpentyl)	3.7	J			21.203	
054833-23-7	Eicosane, 10-methyl-	22.4	J			21.792	
007098-22-8	Tetratetracontane	170	J			22.645	
055373-86-9	Docosane, 7-hexyl-	170	J			23.627	
000593-49-7	Heptacosane	140	J			24.768	
013475-76-8	Docosane, 11-butyl-	110	J			26.139	
000083-47-6	.gamma.-Sitosterol	180	J			26.991	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	BM081924
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047253.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	BM081924
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047253.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
84-66-2	Diethylphthalate	5.5		1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	BM081924
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BM047253.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	3.2	J	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.485		10-139		37	SPK: -150
13127-88-3	Phenol-d6	35.274		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	73.03		49-133		73	SPK: -100
321-60-8	2-Fluorobiphenyl	78.805		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	918-J-WS-081324-FD	SDG No.:	BM081924
Lab Sample ID:	P3596-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047253.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162722

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	221.664	*	44-137		148	SPK: -150
1718-51-0	Terphenyl-d14	93.927		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93237	7.363				
1146-65-2	Naphthalene-d8	357184	10.122				
15067-26-2	Acenaphthene-d10	250946	14.027				
1517-22-2	Phenanthrene-d10	601080	16.792				
1719-03-5	Chrysene-d12	796686	21.033				
1520-96-3	Perylene-d12	1102343	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	3.6	J			10.881	
002595-97-3	D-Allose	3.6	J			13.916	
	unknown14.263	21.3	J			14.263	
	unknown14.280	25.5	J			14.28	
1000131-14-7	4-Methyleneproline	2.7	J			15.298	
000504-96-1	Neophytadiene	3.3	J			16.868	
000057-10-3	n-Hexadecanoic acid	49.5	J			17.727	
000112-61-8	Methyl stearate	3.6	J			18.827	
000112-79-8	9-Octadecenoic acid, (E)-	5.7	J			18.91	
000057-11-4	Octadecanoic acid	120	J			19.039	
959261-23-5	Heptafluorobutyric acid, pentadecy	3.6	J			20.768	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0-0.5-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.5
Sample Wt/Vol:	30.04 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
BM047254.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	U	150	450	550	ug/Kg
110-86-1	Pyridine	130	U	130	220	290	ug/Kg
100-52-7	Benzaldehyde	310	U	310	450	550	ug/Kg
62-53-3	Aniline	160	U	160	220	290	ug/Kg
108-95-2	Phenol	140	U	140	220	290	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	290	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	220	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	U	150	220	290	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	450	550	ug/Kg
95-48-7	2-Methylphenol	140	U	140	220	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	220	290	ug/Kg
98-86-2	Acetophenone	150	U	150	220	290	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	450	550	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.6	U	67.6	130	130	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	290	ug/Kg
98-95-3	Nitrobenzene	150	U	150	220	290	ug/Kg
78-59-1	Isophorone	140	U	140	220	290	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	290	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	220	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	220	290	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	220	290	ug/Kg
65-85-0	Benzoic acid	400	U	400	450	550	ug/Kg
91-20-3	Naphthalene	140	U	140	220	290	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	290	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0-0.5-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.5
Sample Wt/Vol:	30.04 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
BM047254.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	U	150	450	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	290	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	450	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	220	290	ug/Kg
92-52-4	1,1-Biphenyl	150	U	150	220	290	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	290	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	290	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	290	ug/Kg
208-96-8	Acenaphthylene	150	U	150	220	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	290	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	290	ug/Kg
83-32-9	Acenaphthene	140	U	140	220	290	ug/Kg
Total PAH	Total PAH	2240	U	2240	220	4640	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	410	450	550	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	450	550	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	290	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	U	280	220	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	220	290	ug/Kg
84-66-2	Diethylphthalate	130	U	130	220	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	220	290	ug/Kg
86-73-7	Fluorene	140	U	140	220	290	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	290	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	450	550	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	290	ug/Kg
103-33-3	Azobenzene	130	U	130	220	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	290	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	220	290	ug/Kg
1912-24-9	Atrazine	150	U	150	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0-0.5-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.5
Sample Wt/Vol:	30.04	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
BM047254.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

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	290	ug/Kg
120-12-7	Anthracene	140	U	140	220	290	ug/Kg
86-74-8	Carbazole	130	U	130	220	290	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	290	ug/Kg
206-44-0	Fluoranthene	140	U	140	220	290	ug/Kg
92-87-5	Benzidine	270	U	270	450	550	ug/Kg
129-00-0	Pyrene	140	U	140	220	290	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	220	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	450	550	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	220	290	ug/Kg
218-01-9	Chrysene	130	U	130	220	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	220	290	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	450	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	220	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	220	290	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	220	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	220	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	220	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	220	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	220	290	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	220	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	220	290	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	290	290	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.555		18-112		59	SPK: -150
13127-88-3	Phenol-d6	84.08		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	53.887		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	47.525		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0-0.5-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.5
Sample Wt/Vol:	30.04 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
BM047254.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.32		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	41.005		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162241	7.363				
1146-65-2	Naphthalene-d8	613677	10.122				
15067-26-2	Acenaphthene-d10	423926	14.028				
1517-22-2	Phenanthrene-d10	970571	16.792				
1719-03-5	Chrysene-d12	1085214	21.033				
1520-96-3	Perylene-d12	1209314	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.264	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.569	
000470-82-6	Eucalyptol	130	J			7.663	
006180-61-6	1-Propanol, 3-phenoxy-	250	J			10.881	
000498-07-7	.beta.-D-Glucopyranose, 1,6-anhydr	150	J			13.91	
	unknown14.281	120	J			14.281	
000057-10-3	n-Hexadecanoic acid	750	J			17.727	
000057-11-4	Octadecanoic acid	1500	J			19.027	
000297-03-0	Cyclotetracosane	320	J			20.768	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0.5-1-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25
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
BM047255.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	53.6	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0.5-1-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25
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
BM047255.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95	U	95	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.5	U	98.5	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1770	U	1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg



Client:				Date Collected:	8/12/2024 12:00:00 AM	
Project:				Date Received:	8/12/2024 12:00:00 AM	
Client Sample ID:	926-KI-SD-0.5-1-081224			SDG No.:	BM081924	
Lab Sample ID:	P3580-02			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	25	
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
BM047255.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	110	U	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.4	U	99.4	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.265		18-112		46	SPK: -150
13127-88-3	Phenol-d6	64.695		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	41.148		18-107		41	SPK: -100
321-60-8	2-Fluorobiphenyl	40.477		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	926-KI-SD-0.5-1-081224	SDG No.:	BM081924
Lab Sample ID:	P3580-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25
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
BM047255.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.857		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	36.48		10-105		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136355	7.363				
1146-65-2	Naphthalene-d8	518629	10.122				
15067-26-2	Acenaphthene-d10	361762	14.027				
1517-22-2	Phenanthrene-d10	862835	16.786				
1719-03-5	Chrysene-d12	1065548	21.027				
1520-96-3	Perylene-d12	1161436	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	97.2	J			3.263	
000770-35-4	1-Phenoxypropan-2-ol	130	J			10.881	
000503-66-2	Propanoic acid, 3-hydroxy-	100	J			13.904	
000057-10-3	n-Hexadecanoic acid	330	J			17.721	
000057-11-4	Octadecanoic acid	390	J			19.027	
018835-33-1	1-Hexacosene	180	J			20.768	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047256.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047256.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047256.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.502		10-139		37	SPK: -150
13127-88-3	Phenol-d6	34.746		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	67.999		49-133		68	SPK: -100
321-60-8	2-Fluorobiphenyl	70.282		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	915-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960 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
BM047256.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.232		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	86.4		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196935	7.363				
1146-65-2	Naphthalene-d8	740406	10.122				
15067-26-2	Acenaphthene-d10	509042	14.027				
1517-22-2	Phenanthrene-d10	1167962	16.786				
1719-03-5	Chrysene-d12	1274470	21.027				
1520-96-3	Perylene-d12	1251147	23.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			10.881	
002595-97-3	D-Allose	2.2	J			13.904	
000057-10-3	n-Hexadecanoic acid	9.8	J			17.727	
000057-11-4	Octadecanoic acid	9	J			19.027	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047257.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047257.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047257.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.332		10-139		38	SPK: -150
13127-88-3	Phenol-d6	34.162		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	76.955		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	79.951		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	920-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3609-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047257.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	175.181		44-137		117	SPK: -150
1718-51-0	Terphenyl-d14	92.112		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161055	7.363				
1146-65-2	Naphthalene-d8	602261	10.116				
15067-26-2	Acenaphthene-d10	400185	14.021				
1517-22-2	Phenanthrene-d10	911557	16.786				
1719-03-5	Chrysene-d12	1070133	21.027				
1520-96-3	Perylene-d12	1179966	23.732				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			10.88	
000498-07-7	.beta.-D-Glucopyranose, 1,6-anhydr	2.3	J			13.904	
000504-96-1	Neophytadiene	2.1	J			16.868	
000057-10-3	n-Hexadecanoic acid	12	J			17.727	
000057-11-4	Octadecanoic acid	6.9	J			19.027	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	917-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3619-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047258.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	917-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3619-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047258.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	917-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3619-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047258.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	73.413		10-139		49	SPK: -150
13127-88-3	Phenol-d6	44.936		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	92.079		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	97.657		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	917-J-WS-081424	SDG No.:	BM081924
Lab Sample ID:	P3619-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BM047258.D	1	8/15/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	175.765		44-137		117	SPK: -150
1718-51-0	Terphenyl-d14	98.712		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209461	7.363				
1146-65-2	Naphthalene-d8	771919	10.116				
15067-26-2	Acenaphthene-d10	512632	14.021				
1517-22-2	Phenanthrene-d10	1130409	16.786				
1719-03-5	Chrysene-d12	1212507	21.027				
1520-96-3	Perylene-d12	1188426	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.6	A			4.569	
000770-35-4	1-Phenoxypropan-2-ol	2.5	J			10.88	
1000299-37-4	Cyclopropanecarboxylic acid, 3-met	2.7	J			11.839	
	unknown14.263	4.3	J			14.263	
	unknown14.280	3.9	J			14.28	
000504-96-1	Neophytadiene	2.4	J			16.868	
000057-10-3	n-Hexadecanoic acid	13.4	J			17.727	
000506-17-2	cis-Vaccenic acid	2.4	J			18.903	
000057-11-4	Octadecanoic acid	5.4	J			19.027	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	917-J-SD-0.5-1.0-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047259.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	U	130	420	510	ug/Kg
110-86-1	Pyridine	120	U	120	200	260	ug/Kg
100-52-7	Benzaldehyde	280	U	280	420	510	ug/Kg
62-53-3	Aniline	150	U	150	200	260	ug/Kg
108-95-2	Phenol	130	U	130	200	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	260	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	260	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	260	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	260	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	200	260	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	420	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	200	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	260	ug/Kg
98-86-2	Acetophenone	130	U	130	200	260	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	420	510	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.4	U	62.4	120	120	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	260	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	260	ug/Kg
78-59-1	Isophorone	130	U	130	200	260	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	260	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	200	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	260	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	260	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	260	ug/Kg
65-85-0	Benzoic acid	370	U	370	420	510	ug/Kg
91-20-3	Naphthalene	130	U	130	200	260	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	260	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	260	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	917-J-SD-0.5-1.0-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BM047259.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	130	U	130	420	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	260	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	200	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	420	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	200	260	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	200	260	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	260	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	260	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	260	ug/Kg
208-96-8	Acenaphthylene	130	U	130	200	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	260	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	260	ug/Kg
83-32-9	Acenaphthene	130	U	130	200	260	ug/Kg
Total PAH	Total PAH	2050	U	2050	200	4160	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	420	510	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	420	510	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	260	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	260	U	260	200	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	200	260	ug/Kg
84-66-2	Diethylphthalate	120	U	120	200	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	260	ug/Kg
86-73-7	Fluorene	130	U	130	200	260	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	420	510	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	260	ug/Kg
103-33-3	Azobenzene	120	U	120	200	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	260	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	260	ug/Kg
1912-24-9	Atrazine	140	U	140	200	260	ug/Kg



Client:				Date Collected:	8/15/2024 12:00:00 AM	
Project:				Date Received:	8/15/2024 12:00:00 AM	
Client Sample ID:	917-J-SD-0.5-1.0-081524			SDG No.:	BM081924	
Lab Sample ID:	P3643-06			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	35.4	
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
BM047259.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	420	510	ug/Kg
85-01-8	Phenanthrene	130	U	130	200	260	ug/Kg
120-12-7	Anthracene	130	U	130	200	260	ug/Kg
86-74-8	Carbazole	120	U	120	200	260	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	260	ug/Kg
206-44-0	Fluoranthene	170	J	130	200	260	ug/Kg
92-87-5	Benzidine	250	U	250	420	510	ug/Kg
129-00-0	Pyrene	130	U	130	200	260	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	420	510	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	200	260	ug/Kg
218-01-9	Chrysene	120	U	120	200	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	260	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	420	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	130	200	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	200	260	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	140	200	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	200	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	200	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	200	260	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	260	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	260	260	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.905		18-112		41	SPK: -150
13127-88-3	Phenol-d6	58.462		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	35.151		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	27.302		20-109		27	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	917-J-SD-0.5-1.0-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	35.4
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
BM047259.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.968		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	22.315		10-105		22	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231442	7.363				
1146-65-2	Naphthalene-d8	865803	10.116				
15067-26-2	Acenaphthene-d10	578178	14.021				
1517-22-2	Phenanthrene-d10	1281518	16.786				
1719-03-5	Chrysene-d12	1341099	21.027				
1520-96-3	Perylene-d12	1273541	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			4.569	
000770-35-4	1-Phenoxypropan-2-ol	120	J			10.88	
000057-10-3	n-Hexadecanoic acid	260	J			17.721	
000057-11-4	Octadecanoic acid	110	J			19.027	

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	ETGI - 370	SDG No.:	BM081924
Lab Sample ID:	P3637-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BM047260.D	1	8/19/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.2	U	57.2	180	220	ug/Kg
110-86-1	Pyridine	52.7	U	52.7	85.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.9	U	63.9	85.7	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.2	U	55.2	85.7	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	85.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.7	U	56.7	85.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	85.7	110	ug/Kg
100-51-6	Benzyl Alcohol	54.7	U	54.7	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.9	U	59.9	85.7	110	ug/Kg
98-86-2	Acetophenone	57.3	U	57.3	85.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.6	U	52.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.7	U	54.7	85.7	110	ug/Kg
98-95-3	Nitrobenzene	59.9	U	59.9	85.7	110	ug/Kg
78-59-1	Isophorone	55.8	U	55.8	85.7	110	ug/Kg
88-75-5	2-Nitrophenol	62.3	U	62.3	85.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.6	U	56.6	85.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	85.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.3	U	56.3	85.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.7	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.9	U	54.9	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	ETGI - 370	SDG No.:	BM081924
Lab Sample ID:	P3637-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047260.D	1	8/19/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.2	U	57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.1	U	51.1	85.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.4	U	54.4	85.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.1	U	47.1	85.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.8	U	48.8	85.7	110	ug/Kg
92-52-4	1,1-Biphenyl	57.6	U	57.6	85.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.9	U	54.9	85.7	110	ug/Kg
88-74-4	2-Nitroaniline	62.6	U	62.6	85.7	110	ug/Kg
131-11-3	Dimethylphthalate	53.9	U	53.9	85.7	110	ug/Kg
208-96-8	Acenaphthylene	57	U	57	85.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.7	110	ug/Kg
99-09-2	3-Nitroaniline	58.8	U	58.8	85.7	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	85.7	110	ug/Kg
Total PAH	Total PAH	873.7	U	873.7	85.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.5	U	76.5	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.7	U	111.7	85.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.7	110	ug/Kg
84-66-2	Diethylphthalate	52.8	U	52.8	85.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.7	110	ug/Kg
86-73-7	Fluorene	56.4	U	56.4	85.7	110	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	85.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.1	U	77.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.8	U	53.8	85.7	110	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	85.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	85.7	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.7	110	ug/Kg
1912-24-9	Atrazine	60.3	U	60.3	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	ETGI - 370	SDG No.:	BM081924
Lab Sample ID:	P3637-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BM047260.D	1	8/19/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51	U	51	180	220	ug/Kg
85-01-8	Phenanthrene	55.4	U	55.4	85.7	110	ug/Kg
120-12-7	Anthracene	55.6	U	55.6	85.7	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.6	U	55.6	85.7	110	ug/Kg
206-44-0	Fluoranthene	110		53.9	85.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	88.1	J	54.7	85.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.8	U	63.8	85.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54	J	53.2	85.7	110	ug/Kg
218-01-9	Chrysene	59.6	J	52.4	85.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	470		60	85.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.5	U	72.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.4	J	53.5	85.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.5	U	54.5	85.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.3	U	61.3	85.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.5	U	51.5	85.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.5	U	53.5	85.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.8	U	52.8	85.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.2	U	57.2	85.7	110	ug/Kg
123-91-1	1,4-Dioxane	72.5	U	72.5	85.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.9	U	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.055		18-112		55	SPK: -150
13127-88-3	Phenol-d6	81.079		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	52.019		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	54.752		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	8/16/2024 12:00:00 AM
Project:		Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	ETGI - 370	SDG No.:	BM081924
Lab Sample ID:	P3637-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047260.D	1	8/19/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162815

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.354		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	62.953		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227341	7.363				
1146-65-2	Naphthalene-d8	888897	10.116				
15067-26-2	Acenaphthene-d10	608006	14.021				
1517-22-2	Phenanthrene-d10	1348748	16.786				
1719-03-5	Chrysene-d12	1294513	21.027				
1520-96-3	Perylene-d12	1242528	23.732				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	71.4	J			3.257	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	72.3	A			4.569	
000057-10-3	n-Hexadecanoic acid	250	J			17.727	
000057-11-4	Octadecanoic acid	110	J			19.021	
074685-30-6	5-Eicosene, (E)-	100	J			20.762	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	1200	J			22.068	

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	918-J-SD-0-0.5-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BM047261.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	54.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	110	U	110	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	918-J-SD-0-0.5-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BM047261.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.9	U	96.9	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	6100		1800	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	120	U	120	180	230	ug/Kg



Client:				Date Collected:	8/15/2024 12:00:00 AM	
Project:				Date Received:	8/15/2024 12:00:00 AM	
Client Sample ID:	918-J-SD-0-0.5-081524			SDG No.:	BM081924	
Lab Sample ID:	P3643-07			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	26.4	
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
BM047261.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	370	450	ug/Kg
85-01-8	Phenanthrene	820		110	180	230	ug/Kg
120-12-7	Anthracene	180	J	110	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	180	230	ug/Kg
206-44-0	Fluoranthene	1200		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	1000		110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	510		110	180	230	ug/Kg
218-01-9	Chrysene	530		110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	630		110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	480		130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.321		18-112		64	SPK: -150
13127-88-3	Phenol-d6	92.094		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	55.096		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	44.417		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	918-J-SD-0-0.5-081524	SDG No.:	BM081924
Lab Sample ID:	P3643-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	26.4
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
BM047261.D	1	8/16/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162798

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.765		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	43.391		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260350	7.363				
1146-65-2	Naphthalene-d8	996410	10.116				
15067-26-2	Acenaphthene-d10	673496	14.022				
1517-22-2	Phenanthrene-d10	1492753	16.786				
1719-03-5	Chrysene-d12	1275668	21.027				
1520-96-3	Perylene-d12	1234670	23.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			4.569	
000770-35-4	1-Phenoxypropan-2-ol	140	J			10.881	
	unknown14.263	550	J			14.263	
	unknown14.280	540	J			14.28	
000057-10-3	n-Hexadecanoic acid	420	J			17.721	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			17.857	
	unknown20.756	160	J			20.756	
013475-75-7	Pentadecane, 8-hexyl-	290	J			22.997	
000192-97-2	Benzo[e]pyrene	390	J			23.48	
000638-68-6	Triacontane	330	J			24.686	

Hit Summary Sheet SW-846

SDG No.: BM081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 926-KI-SD-0-0.5-081224								
P3580-01	926-KI-SD-0-0.5-081224	Solid	.beta.-D-Glucopyranose, 1,6-anhy	*	150.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	1-Propanol, 3-phenoxy-	*	250.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3580-01	926-KI-SD-0-0.5-081224	Solid	Cyclotetrasiloxane	*	320.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	Eucalyptol	*	130.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	n-Hexadecanoic acid	*	750.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	Octadecanoic acid	*	1,500.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	Propylene Glycol	*	170.000	J		
P3580-01	926-KI-SD-0-0.5-081224	Solid	unknown14.281	*	120.000	J		
Total Tics :					3,540.00			
Total Concentration:					3,540.00			
Client ID : 926-KI-SD-0.5-1-081224								
P3580-02	926-KI-SD-0.5-1-081224	Solid	1-Hexacosene	*	180.000	J		
P3580-02	926-KI-SD-0.5-1-081224	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3580-02	926-KI-SD-0.5-1-081224	Solid	n-Hexadecanoic acid	*	330.000	J		
P3580-02	926-KI-SD-0.5-1-081224	Solid	Octadecanoic acid	*	390.000	J		
P3580-02	926-KI-SD-0.5-1-081224	Solid	Propanoic acid, 3-hydroxy-	*	100.000	J		
P3580-02	926-KI-SD-0.5-1-081224	Solid	Propylene Glycol	*	97.200	J		
Total Tics :					1,227.20			
Total Concentration:					1,227.20			
Client ID : 918-J-WS-081324								
P3596-01	918-J-WS-081324	Water	.gamma.-Sitosterol	*	180.000	J		
P3596-01	918-J-WS-081324	Water	Docosane, 11-butyl-	*	110.000	J		
P3596-01	918-J-WS-081324	Water	Docosane, 7-hexyl-	*	170.000	J		
P3596-01	918-J-WS-081324	Water	Eicosane, 10-methyl-	*	22.400	J		
P3596-01	918-J-WS-081324	Water	Heptacosane	*	140.000	J		
P3596-01	918-J-WS-081324	Water	Hexacosane	*	17.500	J		
P3596-01	918-J-WS-081324	Water	Methyl stearate	*	8.500	J		
P3596-01	918-J-WS-081324	Water	Nonadecane	*	52.500	J		
P3596-01	918-J-WS-081324	Water	Octadecanoic acid	*	120.000	J		
P3596-01	918-J-WS-081324	Water	Phthalic acid, 2-ethylhexyl isohex	*	83.500	J		
P3596-01	918-J-WS-081324	Water	Phthalic acid, di(2-propylpentyl)	*	3.700	J		
P3596-01	918-J-WS-081324	Water	Terephthalic acid, 3-methylbut-2-yl	*	44.400	J		
P3596-01	918-J-WS-081324	Water	Tetradetracontane	*	170.000	J		
P3596-01	918-J-WS-081324	Water	unknown14.269	*	20.600	J		
P3596-01	918-J-WS-081324	Water	unknown14.286	*	22.900	J		
Total Tics :					1,166.00			

Hit Summary Sheet SW-846

SDG No.: BM081924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL		RDL	Units
P3596-01	918-J-WS-081324	Water	Bis(2-ethylhexyl)phthalate		9.700		1.9		5.2	ug/L
P3596-01	918-J-WS-081324	Water	Di-n-butylphthalate		16.900		1.5		5.2	ug/L
P3596-01	918-J-WS-081324	Water	Diethylphthalate		37.200		1.1		5.2	ug/L
Total Svoc :					63.80					
Total Concentration:					1,229.80					
Client ID : 918-J-WS-081324-FD										
P3596-02	918-J-WS-081324-FD	Water	1-Phenoxypropan-2-ol	*	3.600	J				
P3596-02	918-J-WS-081324-FD	Water	4-Methyleneproline	*	2.700	J				
P3596-02	918-J-WS-081324-FD	Water	9-Octadecenoic acid, (E)-	*	5.700	J				
P3596-02	918-J-WS-081324-FD	Water	D-Allose	*	3.600	J				
P3596-02	918-J-WS-081324-FD	Water	Heptafluorobutyric acid, pentadec	*	3.600	J				
P3596-02	918-J-WS-081324-FD	Water	Methyl stearate	*	3.600	J				
P3596-02	918-J-WS-081324-FD	Water	n-Hexadecanoic acid	*	49.500	J				
P3596-02	918-J-WS-081324-FD	Water	Neophytadiene	*	3.300	J				
P3596-02	918-J-WS-081324-FD	Water	Octadecanoic acid	*	120.000	J				
P3596-02	918-J-WS-081324-FD	Water	unknown14.263	*	21.300	J				
P3596-02	918-J-WS-081324-FD	Water	unknown14.280	*	25.500	J				
Total Tics :					242.40					
P3596-02	918-J-WS-081324-FD	Water	Di-n-butylphthalate		3.200	J	1.5		5.2	ug/L
P3596-02	918-J-WS-081324-FD	Water	Diethylphthalate		5.500		1.1		5.2	ug/L
Total Svoc :					8.70					
Total Concentration:					251.10					
Client ID : 915-J-WS-081424										
P3609-01	915-J-WS-081424	Water	1-Phenoxypropan-2-ol	*	2.200	J				
P3609-01	915-J-WS-081424	Water	D-Allose	*	2.200	J				
P3609-01	915-J-WS-081424	Water	n-Hexadecanoic acid	*	9.800	J				
P3609-01	915-J-WS-081424	Water	Octadecanoic acid	*	9.000	J				
Total Tics :					23.20					
Total Concentration:					23.20					
Client ID : 920-J-WS-081424										
P3609-02	920-J-WS-081424	Water	.beta.-D-Glucopyranose, 1,6-anhy	*	2.300	J				
P3609-02	920-J-WS-081424	Water	1-Phenoxypropan-2-ol	*	2.200	J				
P3609-02	920-J-WS-081424	Water	n-Hexadecanoic acid	*	12.000	J				
P3609-02	920-J-WS-081424	Water	Neophytadiene	*	2.100	J				
P3609-02	920-J-WS-081424	Water	Octadecanoic acid	*	6.900	J				
Total Tics :					25.50					
Total Concentration:					25.50					
Client ID : 917-J-WS-081424										
P3619-01	917-J-WS-081424	Water	1-Phenoxypropan-2-ol	*	2.500	J				

Hit Summary Sheet SW-846

SDG No.: BM081924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3619-01	917-J-WS-081424	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.600	A			
P3619-01	917-J-WS-081424	Water	cis-Vaccenic acid *	2.400	J			
P3619-01	917-J-WS-081424	Water	Cyclopropanecarboxylic acid, 3-r *	2.700	J			
P3619-01	917-J-WS-081424	Water	n-Hexadecanoic acid *	13.400	J			
P3619-01	917-J-WS-081424	Water	Neophytadiene *	2.400	J			
P3619-01	917-J-WS-081424	Water	Octadecanoic acid *	5.400	J			
P3619-01	917-J-WS-081424	Water	unknown14.263 *	4.300	J			
P3619-01	917-J-WS-081424	Water	unknown14.280 *	3.900	J			
Total Tics :						39.60		
Total Concentration:						39.60		
Client ID : ETGI - 370								
P3637-01	ETGI - 370	Solid	1,4-Benzenedicarboxylic acid, bis *	1,200.000	J			
P3637-01	ETGI - 370	Solid	2-Pentanone, 4-hydroxy-4-methyl *	72.300	A			
P3637-01	ETGI - 370	Solid	5-Eicosene, (E)- *	100.000	J			
P3637-01	ETGI - 370	Solid	n-Hexadecanoic acid *	250.000	J			
P3637-01	ETGI - 370	Solid	Octadecanoic acid *	110.000	J			
P3637-01	ETGI - 370	Solid	Propylene Glycol *	71.400	J			
Total Tics :						1,803.70		
P3637-01	ETGI - 370	Solid	Benzo(a)anthracene	54.000	J	53.2	110	ug/Kg
P3637-01	ETGI - 370	Solid	Benzo(b)fluoranthene	81.400	J	53.5	110	ug/Kg
P3637-01	ETGI - 370	Solid	Bis(2-ethylhexyl)phthalate	470.000		60	110	ug/Kg
P3637-01	ETGI - 370	Solid	Chrysene	59.600	J	52.4	110	ug/Kg
P3637-01	ETGI - 370	Solid	Fluoranthene	110.000		53.9	110	ug/Kg
P3637-01	ETGI - 370	Solid	Pyrene	88.100	J	54.7	110	ug/Kg
Total Svoc :						863.10		
Total Concentration:						2,666.80		
Client ID : 917-J-SD-0.5-1.0-081524								
P3643-06	917-J-SD-0.5-1.0-081524	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P3643-06	917-J-SD-0.5-1.0-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P3643-06	917-J-SD-0.5-1.0-081524	Solid	n-Hexadecanoic acid *	260.000	J			
P3643-06	917-J-SD-0.5-1.0-081524	Solid	Octadecanoic acid *	110.000	J			
Total Tics :						600.00		
P3643-06	917-J-SD-0.5-1.0-081524	Solid	Benzo(b)fluoranthene	160.000	J	130	260	ug/Kg
P3643-06	917-J-SD-0.5-1.0-081524	Solid	Fluoranthene	170.000	J	130	260	ug/Kg
Total Svoc :						330.00		
Total Concentration:						930.00		
Client ID : 918-J-SD-0-0.5-081524								
P3643-07	918-J-SD-0-0.5-081524	Solid	1-Phenoxypropan-2-ol *	140.000	J			
P3643-07	918-J-SD-0-0.5-081524	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			

Hit Summary Sheet SW-846

SDG No.: BM081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3643-07	918-J-SD-0-0.5-081524	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo[e]pyrene	*	390.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	n-Hexadecanoic acid	*	420.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	Pentadecane, 8-hexyl-	*	290.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	Triacontane	*	330.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	unknown14.263	*	550.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	unknown14.280	*	540.000	J		
P3643-07	918-J-SD-0-0.5-081524	Solid	unknown20.756	*	160.000	J		
Total Tics :					3,200.00			
P3643-07	918-J-SD-0-0.5-081524	Solid	Anthracene		180.000	J 110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo(a)anthracene		510.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo(a)pyrene		480.000	130	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo(b)fluoranthene		630.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo(g,h,i)perylene		280.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Benzo(k)fluoranthene		230.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Chrysene		530.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Fluoranthene		1,200.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene		240.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Phenanthrene		820.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Pyrene		1,000.000	110	230	ug/Kg
P3643-07	918-J-SD-0-0.5-081524	Solid	Total PAH		6,100.000	1800	3680	ug/Kg
Total Svoc :					12,200.00			
Total Concentration:					15,400.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM081024 SAS No.: BM081024 SDG No.: BM081024
Instrument ID: _____ Calibration Date(s): 8/10/2024 : _____
Calibration Time(s): 13:12 _____

LAB FILE ID:		RRF2.5 = BM047140.D			RRF005 = BM047141.D		RRF010 = BM047142.D	
		RRF020 = BM047143.D			RRF040 = BM047144.D		RRF050 = BM047145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.643	0.612	0.629	0.570	0.564	0.594	5.7
Pyridine		1.448	1.390	1.458	1.302	1.299	1.360	5.2
2-Fluorophenol		1.215	1.184	1.197	1.071	1.050	1.119	6.7
Benzaldehyde		1.187	1.048	1.024	0.776	0.750	0.904	23.4
Aniline		1.546	1.516	1.583	1.428	1.401	1.458	6.3
Phenol-d6		1.643	1.599	1.652	1.478	1.470	1.542	5.5
Phenol		1.695	1.600	1.645	1.453	1.450	1.539	6.8
bis(2-Chloroethyl)ether		1.431	1.361	1.407	1.283	1.267	1.318	6.2
2-Chlorophenol		1.306	1.271	1.324	1.185	1.167	1.221	6.4
1,2-Dichlorobenzene		1.526	1.468	1.514	1.314	1.308	1.386	8.1
1,3-Dichlorobenzene		1.567	1.506	1.537	1.408	1.394	1.451	5.8
1,4-Dichlorobenzene		1.581	1.532	1.562	1.429	1.405	1.469	5.9
Benzyl Alcohol		1.083	1.074	1.189	1.098	1.076	1.098	3.9
2-Methylphenol		1.064	1.055	1.115	1.003	0.998	1.027	5.2
2,2-oxybis(1-Chloropropane)		1.904	1.777	1.859	1.659	1.616	1.691	9.5
Acetophenone		0.547	0.517	0.510	0.462	0.450	0.483	8.6
3+4-Methylphenols		1.462	1.442	1.570	1.411	1.405	1.435	4.8
n-Nitroso-di-n-propylamine	1.087	1.169	1.095	1.138	0.982	0.965	1.039	9.1
Nitrobenzene-d5		0.423	0.417	0.420	0.390	0.378	0.397	5.5
Hexachloroethane		0.609	0.577	0.600	0.551	0.553	0.569	4.8
Nitrobenzene		0.425	0.427	0.428	0.393	0.380	0.400	6.4
Isophorone		0.712	0.706	0.732	0.688	0.668	0.692	3.8
2-Nitrophenol		0.156	0.166	0.180	0.182	0.182	0.177	6.6
2,4-Dimethylphenol		0.200	0.209	0.217	0.209	0.206	0.207	2.6
bis(2-Chloroethoxy)methane		0.461	0.461	0.458	0.435	0.421	0.435	6.0
2,4-Dichlorophenol		0.289	0.300	0.318	0.312	0.310	0.308	3.3
1,2,4-Trichlorobenzene		0.357	0.352	0.359	0.346	0.340	0.348	2.3
Benzoic acid		0.182	0.212	0.240	0.251	0.262	0.241	13.8
Naphthalene		1.075	1.041	1.042	0.966	0.949	0.996	5.5
4-Chloroaniline		0.382	0.393	0.409	0.385	0.374	0.383	3.8
Hexachlorobutadiene		0.199	0.200	0.207	0.203	0.203	0.204	2.0
Caprolactam		0.098	0.103	0.112	0.109	0.107	0.107	4.5
4-Chloro-3-methylphenol		0.320	0.324	0.347	0.328	0.323	0.328	2.7
2-Methylnaphthalene		0.741	0.730	0.742	0.689	0.681	0.709	3.8
Hexachlorocyclopentadiene		0.160	0.180	0.191	0.200	0.199	0.190	8.5
2,4,6-Trichlorophenol		0.355	0.372	0.394	0.399	0.394	0.388	4.5

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.: BM081024 SAS No.: BM081024 SDG No.: BM081024
Instrument ID: _____ Calibration Date(s): 8/10/2024 : _____
Calibration Time(s): 13:12 _____

LAB FILE ID:		RRF2.5 = BM047140.D			RRF005 = BM047141.D		RRF010 = BM047142.D	
		RRF020 = BM047143.D			RRF040 = BM047144.D		RRF050 = BM047145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.406	1.341	1.336	1.265	1.247	1.297	5.1
2,4,5-Trichlorophenol		0.410	0.410	0.438	0.437	0.436	0.430	3.4
1,1-Biphenyl		1.538	1.482	1.479	1.388	1.361	1.424	5.3
2-Chloronaphthalene		1.197	1.169	1.176	1.071	1.060	1.113	5.8
2-Nitroaniline		0.323	0.346	0.367	0.357	0.352	0.349	3.9
Dimethylphthalate		1.472	1.433	1.468	1.379	1.343	1.397	4.4
Acenaphthylene		1.719	1.699	1.732	1.602	1.575	1.640	4.5
2,6-Dinitrotoluene		0.311	0.325	0.337	0.328	0.326	0.327	2.6
3-Nitroaniline		0.310	0.317	0.344	0.331	0.328	0.327	3.5
Acenaphthene		1.115	1.079	1.086	1.008	0.991	1.041	4.9
2,4-Dinitrophenol			0.152	0.185	0.204	0.204	0.196	12.3
4-Nitrophenol		0.247	0.268	0.293	0.293	0.291	0.282	6.4
Dibenzofuran		1.790	1.731	1.728	1.579	1.559	1.644	6.2
2,4-Dinitrotoluene		0.400	0.435	0.460	0.441	0.440	0.436	4.2
Diethylphthalate		1.505	1.486	1.506	1.398	1.365	1.426	5.0
4-Chlorophenyl-phenylether		0.681	0.663	0.663	0.621	0.619	0.646	3.8
Fluorene		1.469	1.428	1.426	1.309	1.290	1.356	6.0
4-Nitroaniline		0.300	0.324	0.346	0.319	0.317	0.322	4.2
4,6-Dinitro-2-methylphenol		0.092	0.107	0.120	0.125	0.126	0.117	11.3
n-Nitrosodiphenylamine		0.570	0.561	0.573	0.536	0.526	0.545	4.2
Azobenzene		1.455	1.445	1.457	1.314	1.280	1.352	7.1
2,4,6-Tribromophenol		0.222	0.233	0.248	0.232	0.228	0.232	3.6
4-Bromophenyl-phenylether		0.190	0.190	0.198	0.191	0.191	0.193	1.9
Hexachlorobenzene		0.236	0.234	0.240	0.229	0.226	0.231	2.7
Atrazine		0.183	0.186	0.182	0.170	0.152	0.164	13.5
Pentachlorophenol		0.141	0.152	0.165	0.168	0.166	0.162	6.9
Phenanthrene		1.090	1.035	1.036	0.976	0.967	1.004	5.0
Anthracene		1.024	1.000	1.026	0.953	0.946	0.977	4.1
Carbazole		1.071	1.041	1.052	0.971	0.954	0.997	5.6
Di-n-butylphthalate		1.175	1.187	1.223	1.165	1.134	1.160	3.5
Fluoranthene		1.294	1.239	1.255	1.199	1.179	1.221	3.6
Benzidine		0.226	0.190	0.373	0.489	0.370	0.339	30.0
Pyrene		1.456	1.398	1.443	1.425	1.414	1.428	1.5
Terphenyl-d14		0.924	0.916	0.958	0.937	0.928	0.933	1.6
Butylbenzylphthalate		0.511	0.552	0.600	0.608	0.599	0.583	6.5
3,3-Dichlorobenzidine		0.373	0.390	0.439	0.443	0.427	0.415	6.2

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.: BM081024 SAS No.: BM081024 SDG No.: BM081024
Instrument ID: _____ Calibration Date(s): 8/10/2024 : _____
Calibration Time(s): 13:12 _____

LAB FILE ID:		RRF2.5 = BM047140.D			RRF005 = BM047141.D		RRF010 = BM047142.D	
		RRF020 = BM047143.D			RRF040 = BM047144.D		RRF050 = BM047145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.390	1.331	1.364	1.300	1.291	1.328	2.9
Chrysene		1.350	1.283	1.301	1.224	1.214	1.260	4.2
Bis(2-ethylhexyl)phthalate		0.771	0.808	0.867	0.845	0.832	0.826	3.8
Di-n-octyl phthalate		1.212	1.316	1.430	1.457	1.450	1.405	7.3
Benzo(b)fluoranthene		1.182	1.200	1.222	1.161	1.179	1.188	1.9
Benzo(k)fluoranthene		1.192	1.134	1.175	1.097	1.059	1.122	4.4
Benzo(a)pyrene		1.014	1.015	1.066	1.024	1.012	1.029	1.9
Indeno(1,2,3-cd)pyrene		1.326	1.280	1.366	1.279	1.278	1.293	3.4
Dibenzo(a,h)anthracene		1.096	1.051	1.119	1.021	1.021	1.046	4.4
Benzo(g,h,i)perylene		1.119	1.082	1.162	1.076	1.082	1.086	4.4
1,2,4,5-Tetrachlorobenzene		0.539	0.531	0.554	0.543	0.546	0.546	1.7
1,4-Dioxane		0.519	0.490	0.495	0.438	0.436	0.464	7.9
2,3,4,6-Tetrachlorophenol		0.333	0.345	0.369	0.355	0.354	0.354	3.4
1-Methylnaphthalene		0.737	0.726	0.735	0.681	0.668	0.701	4.3

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.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 10:22

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	343346	7.375	1.38769e+01	10.13	915049	14.03
UPPER LIMIT	686692	7.875	2775380	10.634	1830098	14.533
LOWER LIMIT	171673	6.875	693845	9.634	457524.5	13.533
EPA SAMPLE NO.						
01 PB162722BL	224571	7.37	887832	10.12	633258	14.03
02 PB162722BS	277756	7.36	1.12809e	10.12	782637	14.03
03 PB162722BSD	265608	7.37	1.07689e	10.12	737861	14.03
04 PB162757BL	138664 *	7.36	543168 *	10.12	380393 *	14.03
05 PB162757BS	200715	7.36	840423	10.12	601718	14.03
06 PB162757BSD	188275	7.36	791375	10.12	557332	14.03
07 918-J-WS-081324	44386 *	7.37	166406 *	10.12	113109 *	14.03
08 918-J-WS-081324-FD	93237 *	7.36	357184 *	10.12	250946 *	14.03
09 926-KI-SD-0-0.5-081224	162241 *	7.36	613677 *	10.12	423926 *	14.03
10 926-KI-SD-0.5-1-081224	136355 *	7.36	518629 *	10.12	361762 *	14.03
11 915-J-WS-081424	196935	7.36	740406	10.12	509042	14.03
12 920-J-WS-081424	161055 *	7.36	602261 *	10.12	400185 *	14.02
13 917-J-WS-081424	209461	7.36	771919	10.12	512632	14.02
14 917-J-SD-0.5-1.0-081524	231442	7.36	865803	10.12	578178	14.02
15 ETGI - 370	227341	7.36	888897	10.12	608006	14.02
16 918-J-SD-0-0.5-081524	260350	7.36	996410	10.12	673496	14.02

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 20:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	343346	7.375	1.38769e+01	10.13	915049	14.03
UPPER LIMIT	686692	7.875	2775380	10.634	1830098	14.533
LOWER LIMIT	171673	6.875	693845	9.634	457524.5	13.533
EPA SAMPLE NO.						

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.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047245.D

Time Analyzed: 10:22

Instrument ID: BNA_M

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	274830	7.369	1.11766e+01	10.12	774502	14.03
UPPER LIMIT	549660	7.869	2235320	10.622	1549004	14.527
LOWER LIMIT	137415	6.869	558830	9.622	387251	13.527
EPA SAMPLE NO.						
01 PB162722BL	224571	7.37	887832	10.12	633258	14.03
02 PB162722BS	277756	7.36	1.12809e	10.12	782637	14.03
03 PB162722BSD	265608	7.37	1.07689e	10.12	737861	14.03
04 PB162757BL	138664	7.36	543168 *	10.12	380393 *	14.03
05 PB162757BS	200715	7.36	840423	10.12	601718	14.03
06 PB162757BSD	188275	7.36	791375	10.12	557332	14.03
07 918-J-WS-081324	44386 *	7.37	166406 *	10.12	113109 *	14.03
08 918-J-WS-081324-FD	93237 *	7.36	357184 *	10.12	250946 *	14.03
09 926-KI-SD-0-0.5-081224	162241	7.36	613677	10.12	423926	14.03
10 926-KI-SD-0.5-1-081224	136355 *	7.36	518629 *	10.12	361762 *	14.03
11 915-J-WS-081424	196935	7.36	740406	10.12	509042	14.03
12 920-J-WS-081424	161055	7.36	602261	10.12	400185	14.02
13 917-J-WS-081424	209461	7.36	771919	10.12	512632	14.02
14 917-J-SD-0.5-1.0-081524	231442	7.36	865803	10.12	578178	14.02
15 ETGI - 370	227341	7.36	888897	10.12	608006	14.02
16 918-J-SD-0-0.5-081524	260350	7.36	996410	10.12	673496	14.02

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047245.D Time Analyzed: 20:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	274830	7.369	1.11766e+01	10.12	774502	14.03
UPPER LIMIT	549660	7.869	2235320	10.622	1549004	14.527
LOWER LIMIT	137415	6.869	558830	9.622	387251	13.527
EPA SAMPLE NO.						

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.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 10:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.90156e+01	16.792	1.67411e+	21.033	2.01924e+01	23.727
	UPPER LIMIT	3803120	17.292	3348220	21.533	4038480	24.227
	LOWER LIMIT	950780	16.292	837055	20.533	1009620	23.227
	EPA SAMPLE NO.						
01	PB162722BL	1.46362	16.79	1.42665e+	21.03	1.58634e+	23.74
02	PB162722BS	1.75123	16.80	1.58443e+	21.04	1.73561e+	23.74
03	PB162722BSD	1.63038	16.79	1.51103e+	21.04	1.71012e+	23.74
04	PB162757BL	888654 *	16.79	1.10133e+	21.03	1.44623e+	23.74
05	PB162757BS	1.35893	16.79	1.33198e+	21.04	1.61323e+	23.74
06	PB162757BSD	1.25243	16.79	1.24598e+	21.03	1.57218e+	23.74
07	918-J-WS-081324	249095 *	16.79	412667 *	21.03	725693 *	23.74
08	918-J-WS-081324-FD	601080 *	16.79	796686 *	21.03	1.10234e+	23.73
09	926-KI-SD-0-0.5-081224	970571	16.79	1.08521e+	21.03	1.20931e+	23.73
10	926-KI-SD-0.5-1-081224	862835 *	16.79	1.06555e+	21.03	1.16144e+	23.73
11	915-J-WS-081424	1.16796	16.79	1.27447e+	21.03	1.25115e+	23.73
12	920-J-WS-081424	911557 *	16.79	1.07013e+	21.03	1.17997e+	23.73
13	917-J-WS-081424	1.13041	16.79	1.21251e+	21.03	1.18843e+	23.73
14	917-J-SD-0.5-1.0-081524	1.28152	16.79	1.3411e+0	21.03	1.27354e+	23.73
15	ETGI - 370	1.34875	16.79	1.29451e+	21.03	1.24253e+	23.73
16	918-J-SD-0-0.5-081524	1.49275	16.79	1.27567e+	21.03	1.23467e+	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047144.D Time Analyzed: 20:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.90156e+01	16.792	1.67411e+01	21.033	2.01924e+01	23.727
UPPER LIMIT	3803120	17.292	3348220	21.533	4038480	24.227
LOWER LIMIT	950780	16.292	837055	20.533	1009620	23.227
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047245.D Time Analyzed: 10:22

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.66606e+01	16.792	1.39363e+01	21.039	1.65541e+01	23.744
	UPPER LIMIT	3332120	17.292	2787260	21.539	3310820	24.244
	LOWER LIMIT	833030	16.292	696815	20.539	827705	23.244
	EPA SAMPLE NO.						
01	PB162722BL	1.46362	16.79	1.42665e+01	21.03	1.58634e+01	23.74
02	PB162722BS	1.75123	16.80	1.58443e+01	21.04	1.73561e+01	23.74
03	PB162722BSD	1.63038	16.79	1.51103e+01	21.04	1.71012e+01	23.74
04	PB162757BL	888654	16.79	1.10133e+01	21.03	1.44623e+01	23.74
05	PB162757BS	1.35893	16.79	1.33198e+01	21.04	1.61323e+01	23.74
06	PB162757BSD	1.25243	16.79	1.24598e+01	21.03	1.57218e+01	23.74
07	918-J-WS-081324	249095 *	16.79	412667 *	21.03	725693 *	23.74
08	918-J-WS-081324-FD	601080 *	16.79	796686	21.03	1.10234e+01	23.73
09	926-KI-SD-0-0.5-081224	970571	16.79	1.08521e+01	21.03	1.20931e+01	23.73
10	926-KI-SD-0.5-1-081224	862835	16.79	1.06555e+01	21.03	1.16144e+01	23.73
11	915-J-WS-081424	1.16796	16.79	1.27447e+01	21.03	1.25115e+01	23.73
12	920-J-WS-081424	911557	16.79	1.07013e+01	21.03	1.17997e+01	23.73
13	917-J-WS-081424	1.13041	16.79	1.21251e+01	21.03	1.18843e+01	23.73
14	917-J-SD-0.5-1.0-081524	1.28152	16.79	1.3411e+01	21.03	1.27354e+01	23.73
15	ETGI - 370	1.34875	16.79	1.29451e+01	21.03	1.24253e+01	23.73
16	918-J-SD-0-0.5-081524	1.49275	16.79	1.27567e+01	21.03	1.23467e+01	23.73

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM081924 SAS No.: BM081924 SDG NO.: BM081924

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 19 2024 12:00AM

Lab File ID: BM047245.D Time Analyzed: 20:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.66606e+01	16.792	1.39363e+01	21.039	1.65541e+01	23.744
UPPER LIMIT	3332120	17.292	2787260	21.539	3310820	24.244
LOWER LIMIT	833030	16.292	696815	20.539	827705	23.244
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM081924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162722BS	n-Nitrosodimethylamine	50	36.7	ug/L	73				55	108	
	Pyridine	50	27.1	ug/L	54				29	97	
	Benzaldehyde	50	16.2	ug/L	32				10	162	
	Aniline	50	28.4	ug/L	57				10	130	
	Phenol	50	47.3	ug/L	95				66	118	
	bis(2-Chloroethyl)ether	50	42.8	ug/L	86				62	103	
	2-Chlorophenol	50	50.6	ug/L	101				70	117	
	1,2-Dichlorobenzene	50	44.9	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	42.8	ug/L	86				71	103	
	1,4-Dichlorobenzene	50	43.1	ug/L	86				76	103	
	Benzyl Alcohol	50	50.5	ug/L	101		*		36	93	
	2-Methylphenol	50	48.7	ug/L	97				69	109	
	2,2-oxybis(1-Chloropropane)	50	41	ug/L	82				65	100	
	Acetophenone	50	39.5	ug/L	79				60	104	
	3+4-Methylphenols	50	48.1	ug/L	96				67	106	
	N-Nitroso-di-n-propylamine	50	41.5	ug/L	83				57	107	
	Hexachloroethane	50	41.6	ug/L	83				76	118	
	Nitrobenzene	50	40.8	ug/L	82				58	106	
	Isophorone	50	44.7	ug/L	89				61	102	
	2-Nitrophenol	50	49.4	ug/L	99				70	115	
	2,4-Dimethylphenol	50	54.3	ug/L	109				42	142	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				58	109	
	2,4-Dichlorophenol	50	53	ug/L	106				66	115	
	1,2,4-Trichlorobenzene	50	46	ug/L	92				41	115	
	Benzoic acid	50	50.3	ug/L	101				10	125	
	Naphthalene	50	43.5	ug/L	87				64	107	
	4-Chloroaniline	50	26.7	ug/L	53				10	85	
	Hexachlorobutadiene	50	46.2	ug/L	92				69	101	
	Caprolactam	50	39.8	ug/L	80				58	128	
	4-Chloro-3-methylphenol	50	49.6	ug/L	99				65	114	
	2-Methylnaphthalene	50	45.1	ug/L	90				64	107	
	Hexachlorocyclopentadiene	100	100	ug/L	100				36	160	
	2,4,6-Trichlorophenol	50	51	ug/L	102				61	110	
	2,4,5-Trichlorophenol	50	47.4	ug/L	95				70	106	
	1,1-Biphenyl	50	39.9	ug/L	80				72	98	
	2-Chloronaphthalene	50	42.6	ug/L	85				59	106	
	2-Nitroaniline	50	45.8	ug/L	92				73	114	
	Dimethylphthalate	50	46.6	ug/L	93				64	103	
	Acenaphthylene	50	47.9	ug/L	96				79	103	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				64	110	
	3-Nitroaniline	50	38.6	ug/L	77				28	100	
	Acenaphthene	50	43.6	ug/L	87				59	113	
	Total PAH	800	750.2	ug/L	94				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162722BS	4-Nitrophenol	100	94.9	ug/L	95				45	147	
	Dibenzofuran	50	45.3	ug/L	91				65	106	
	2,4-Dinitrotoluene	50	47	ug/L	94				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	93.2	ug/L	93				60	115	
	Diethylphthalate	50	45.6	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	46.7	ug/L	93				61	104	
	Fluorene	50	45.1	ug/L	90				64	107	
	4-Nitroaniline	50	45.7	ug/L	91				55	125	
	4,6-Dinitro-2-methylphenol	50	51.3	ug/L	103				62	132	
	N-Nitrosodiphenylamine	50	45.5	ug/L	91				61	109	
	Azobenzene	50	42.7	ug/L	85				59	106	
	4-Bromophenyl-phenylether	50	46.7	ug/L	93				73	103	
	Hexachlorobenzene	50	45	ug/L	90				73	106	
	Atrazine	50	50.7	ug/L	101				76	120	
	Pentachlorophenol	100	90.5	ug/L	91				47	114	
	Phenanthrene	50	45.7	ug/L	91				62	109	
	Anthracene	50	46.9	ug/L	94				65	110	
	Carbazole	50	45.6	ug/L	91				62	106	
	Di-n-butylphthalate	50	46.2	ug/L	92				64	106	
	Fluoranthene	50	47.1	ug/L	94				64	110	
	Benzidine	100	39.5	ug/L	40				10	94	
	Pyrene	50	46.3	ug/L	93				71	103	
	Butylbenzylphthalate	50	49.3	ug/L	99				61	105	
	3,3-Dichlorobenzidine	50	44.7	ug/L	89				43	108	
	Benzo(a)anthracene	50	47.1	ug/L	94				62	107	
	Chrysene	50	46.3	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	46.7	ug/L	93				59	110	
	Di-n-octyl phthalate	50	50	ug/L	100				52	139	
	Benzo(b)fluoranthene	50	48.2	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	50.8	ug/L	102				77	105	
	Benzo(a)pyrene	50	51.9	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.9	ug/L	96				72	105	
	Dibenz(a,h)anthracene	50	48.1	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50	43.8	ug/L	88				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.1	ug/L	88				72	101	
	1,4-Dioxane	50	27.1	ug/L	54				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.7	ug/L	105				63	116	
	1-Methylnaphthalene	50	42.8	ug/L	86				51	114	
PB162722BSD	n-Nitrosodimethylamine	50	36.6	ug/L	73	0			55	108	20
	Pyridine	50	28	ug/L	56	3			29	97	20
	Benzaldehyde	50	16.5	ug/L	33	2			10	162	20
	Aniline	50	27.7	ug/L	55	2			10	130	20
	Phenol	50	46.7	ug/L	93	1			66	118	20
	bis(2-Chloroethyl)ether	50	42.3	ug/L	85	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162722BSD	2-Chlorophenol	50	50.2	ug/L	100	1			70	117	20
	1,2-Dichlorobenzene	50	44.9	ug/L	90	0			72	102	20
	1,3-Dichlorobenzene	50	42.8	ug/L	86	0			71	103	20
	1,4-Dichlorobenzene	50	43.3	ug/L	87	0			76	103	20
	Benzyl Alcohol	50	49.9	ug/L	100	1	*		36	93	20
	2-Methylphenol	50	48.6	ug/L	97	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	41.1	ug/L	82	0			65	100	20
	Acetophenone	50	39.5	ug/L	79	0			60	104	20
	3+4-Methylphenols	50	47.6	ug/L	95	1			67	106	20
	N-Nitroso-di-n-propylamine	50	41.2	ug/L	82	1			57	107	20
	Hexachloroethane	50	41.5	ug/L	83	0			76	118	20
	Nitrobenzene	50	41.1	ug/L	82	1			58	106	20
	Isophorone	50	44.2	ug/L	88	1			61	102	20
	2-Nitrophenol	50	49.2	ug/L	98	0			70	115	20
	2,4-Dimethylphenol	50	52.9	ug/L	106	3			42	142	20
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87	0			58	109	20
	2,4-Dichlorophenol	50	52.6	ug/L	105	1			66	115	20
	1,2,4-Trichlorobenzene	50	46.1	ug/L	92	0			41	115	20
	Benzoic acid	50	49.8	ug/L	100	1			10	125	20
	Naphthalene	50	43.4	ug/L	87	0			64	107	20
	4-Chloroaniline	50	26.5	ug/L	53	1			10	85	20
	Hexachlorobutadiene	50	46.2	ug/L	92	0			69	101	20
	Caprolactam	50	38.3	ug/L	77	4			58	128	20
	4-Chloro-3-methylphenol	50	48.4	ug/L	97	2			65	114	20
	2-Methylnaphthalene	50	44.6	ug/L	89	1			64	107	20
	Hexachlorocyclopentadiene	100	100	ug/L	100	0			36	160	20
	2,4,6-Trichlorophenol	50	51.1	ug/L	102	0			61	110	20
	2,4,5-Trichlorophenol	50	47.3	ug/L	95	0			70	106	20
	1,1-Biphenyl	50	40.2	ug/L	80	1			72	98	20
	2-Chloronaphthalene	50	42.9	ug/L	86	1			59	106	20
	2-Nitroaniline	50	45.4	ug/L	91	1			73	114	20
	Dimethylphthalate	50	46.2	ug/L	92	1			64	103	20
	Acenaphthylene	50	48.1	ug/L	96	0			79	103	20
	2,6-Dinitrotoluene	50	45.6	ug/L	91	1			64	110	20
	3-Nitroaniline	50	38.5	ug/L	77	0			28	100	20
	Acenaphthene	50	43.6	ug/L	87	0			59	113	20
	Total PAH	800	750.1	ug/L	94	0			59	113	20
	2,4-Dinitrophenol	100	100	ug/L	100	0			36	166	20
	4-Nitrophenol	100	94.7	ug/L	95	0			45	147	20
	Dibenzofuran	50	45.6	ug/L	91	1			65	106	20
	2,4-Dinitrotoluene	50	47.2	ug/L	94	0			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	92.8	ug/L	93	0			60	115	20
	Diethylphthalate	50	45.4	ug/L	91	0			63	105	20
	4-Chlorophenyl-phenylether	50	46.3	ug/L	93	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM081924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162722BSD	Fluorene	50	44.7	ug/L	89	1			64	107	20
	4-Nitroaniline	50	45.7	ug/L	91	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	51.9	ug/L	104	1			62	132	20
	N-Nitrosodiphenylamine	50	45.7	ug/L	91	0			61	109	20
	Azobenzene	50	42.4	ug/L	85	1			59	106	20
	4-Bromophenyl-phenylether	50	47.2	ug/L	94	1			73	103	20
	Hexachlorobenzene	50	45.5	ug/L	91	1			73	106	20
	Atrazine	50	51.1	ug/L	102	1			76	120	20
	Pentachlorophenol	100	90.1	ug/L	90	0			47	114	20
	Phenanthrene	50	45.8	ug/L	92	0			62	109	20
	Anthracene	50	47.5	ug/L	95	1			65	110	20
	Carbazole	50	46.1	ug/L	92	1			62	106	20
	Di-n-butylphthalate	50	46.3	ug/L	93	0			64	106	20
	Fluoranthene	50	47.4	ug/L	95	1			64	110	20
	Benzidine	100	41.3	ug/L	41	4			10	94	20
	Pyrene	50	45.3	ug/L	91	2			71	103	20
	Butylbenzylphthalate	50	48	ug/L	96	3			61	105	20
	3,3-Dichlorobenzidine	50	46.1	ug/L	92	3			43	108	20
	Benzo(a)anthracene	50	47.1	ug/L	94	0			62	107	20
	Chrysene	50	46.5	ug/L	93	0			61	108	20
	bis(2-Ethylhexyl)phthalate	50	46	ug/L	92	2			59	110	20
	Di-n-octyl phthalate	50	49.6	ug/L	99	1			52	139	20
	Benzo(b)fluoranthene	50	47.5	ug/L	95	1			77	113	20
	Benzo(k)fluoranthene	50	50.4	ug/L	101	1			77	105	20
	Benzo(a)pyrene	50	51.9	ug/L	104	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	48.2	ug/L	96	1			72	105	20
	Dibenz(a,h)anthracene	50	48.6	ug/L	97	1			78	115	20
	Benzo(g,h,i)perylene	50	44.1	ug/L	88	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89	1			72	101	20
	1,4-Dioxane	50	26.2	ug/L	52	3			38	125	20
	2,3,4,6-Tetrachlorophenol	50	52	ug/L	104	1			63	116	20
	1-Methylnaphthalene	50	42.3	ug/L	85	1			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM081924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162757BS	n-Nitrosodimethylamine	50	36.3	ug/L	73				55	108	
	Pyridine	50	29	ug/L	58				29	97	
	Benzaldehyde	50	16.9	ug/L	34				10	162	
	Aniline	50	27.8	ug/L	56				10	130	
	Phenol	50	48.5	ug/L	97				66	118	
	bis(2-Chloroethyl)ether	50	42.4	ug/L	85				62	103	
	2-Chlorophenol	50	51.3	ug/L	103				70	117	
	1,2-Dichlorobenzene	50	45.3	ug/L	91				72	102	
	1,3-Dichlorobenzene	50	42.5	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	43.2	ug/L	86				76	103	
	Benzyl Alcohol	50	51.3	ug/L	103		*		36	93	
	2-Methylphenol	50	49.9	ug/L	100				69	109	
	2,2-oxybis(1-Chloropropane)	50	42	ug/L	84				65	100	
	Acetophenone	50	39.3	ug/L	79				60	104	
	3+4-Methylphenols	50	49.6	ug/L	99				67	106	
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86				57	107	
	Hexachloroethane	50	41.4	ug/L	83				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	44.9	ug/L	90				61	102	
	2-Nitrophenol	50	48.9	ug/L	98				70	115	
	2,4-Dimethylphenol	50	54.2	ug/L	108				42	142	
	bis(2-Chloroethoxy)methane	50	43.9	ug/L	88				58	109	
	2,4-Dichlorophenol	50	53.1	ug/L	106				66	115	
	1,2,4-Trichlorobenzene	50	45.4	ug/L	91				41	115	
	Benzoic acid	50	50.7	ug/L	101				10	125	
	Naphthalene	50	43.6	ug/L	87				64	107	
	4-Chloroaniline	50	27.2	ug/L	54				10	85	
	Hexachlorobutadiene	50	44.7	ug/L	89				69	101	
	Caprolactam	50	49.3	ug/L	99				58	128	
	4-Chloro-3-methylphenol	50	50.1	ug/L	100				65	114	
	2-Methylnaphthalene	50	45.4	ug/L	91				64	107	
	Hexachlorocyclopentadiene	100	89.8	ug/L	90				36	160	
	2,4,6-Trichlorophenol	50	49.9	ug/L	100				61	110	
	2,4,5-Trichlorophenol	50	47.2	ug/L	94				70	106	
	1,1-Biphenyl	50	39.5	ug/L	79				72	98	
	2-Chloronaphthalene	50	42.4	ug/L	85				59	106	
	2-Nitroaniline	50	45.9	ug/L	92				73	114	
	Dimethylphthalate	50	46.5	ug/L	93				64	103	
	Acenaphthylene	50	47.6	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	45.6	ug/L	91				64	110	
	3-Nitroaniline	50	39.2	ug/L	78				28	100	
	Acenaphthene	50	43.1	ug/L	86				59	113	
	Total PAH	800	759.1	ug/L	95				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162757BS	4-Nitrophenol	100	97.8	ug/L	98				45	147	
	Dibenzofuran	50	45.4	ug/L	91				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100	93.3	ug/L	93				60	115	
	2,4-Dinitrotoluene	50	47.7	ug/L	95				60	115	
	Diethylphthalate	50	45.9	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	45.7	ug/L	91				61	104	
	Fluorene	50	45.1	ug/L	90				64	107	
	4-Nitroaniline	50	48	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50	51.1	ug/L	102				62	132	
	N-Nitrosodiphenylamine	50	45	ug/L	90				61	109	
	Azobenzene	50	42.8	ug/L	86				59	106	
	4-Bromophenyl-phenylether	50	46.2	ug/L	92				73	103	
	Hexachlorobenzene	50	44.7	ug/L	89				73	106	
	Atrazine	50	50.3	ug/L	101				76	120	
	Pentachlorophenol	100	91.2	ug/L	91				47	114	
	Phenanthrene	50	45.8	ug/L	92				62	109	
	Anthracene	50	47.2	ug/L	94				65	110	
	Carbazole	50	45.9	ug/L	92				62	106	
	Di-n-butylphthalate	50	46.3	ug/L	93				64	106	
	Fluoranthene	50	47.7	ug/L	95				64	110	
	Benzidine	100	43.1	ug/L	43				10	94	
	Pyrene	50	44	ug/L	88				71	103	
	Butylbenzylphthalate	50	47.3	ug/L	95				61	105	
	3,3-Dichlorobenzidine	50	47.6	ug/L	95				43	108	
	Benzo(a)anthracene	50	47.3	ug/L	95				62	107	
	Chrysene	50	46.2	ug/L	92				61	108	
	bis(2-Ethylhexyl)phthalate	50	45.3	ug/L	91				59	110	
	Di-n-octyl phthalate	50	49.4	ug/L	99				52	139	
	Benzo(b)fluoranthene	50	47.8	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	47.9	ug/L	96				77	105	
	Benzo(a)pyrene	50	52.1	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.5	ug/L	105				72	105	
	Dibenz(a,h)anthracene	50	52.5	ug/L	105				78	115	
	Benzo(g,h,i)perylene	50	48.7	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86				72	101	
	1,4-Dioxane	50	26.1	ug/L	52				38	125	
	2,3,4,6-Tetrachlorophenol	50	52.9	ug/L	106				63	116	
	1-Methylnaphthalene	50	42.9	ug/L	86				51	114	
PB162757BSD	n-Nitrosodimethylamine	50	36.8	ug/L	74	1			55	108	20
	Pyridine	50	29	ug/L	58	0			29	97	20
	Benzaldehyde	50	17.2	ug/L	34	2			10	162	20
	Aniline	50	28	ug/L	56	1			10	130	20
	Phenol	50	48.5	ug/L	97	0			66	118	20
	bis(2-Chloroethyl)ether	50	42.7	ug/L	85	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162757BSD	2-Chlorophenol	50	52.1	ug/L	104	2			70	117	20
	1,2-Dichlorobenzene	50	45.7	ug/L	91	1			72	102	20
	1,3-Dichlorobenzene	50	43.4	ug/L	87	2			71	103	20
	1,4-Dichlorobenzene	50	43.8	ug/L	88	1			76	103	20
	Benzyl Alcohol	50	51.8	ug/L	104	1	*		36	93	20
	2-Methylphenol	50	50.1	ug/L	100	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	42.2	ug/L	84	0			65	100	20
	Acetophenone	50	39.4	ug/L	79	0			60	104	20
	3+4-Methylphenols	50	49.6	ug/L	99	0			67	106	20
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86	0			57	107	20
	Hexachloroethane	50	41.6	ug/L	83	0			76	118	20
	Nitrobenzene	50	41.2	ug/L	82	0			58	106	20
	Isophorone	50	44.6	ug/L	89	1			61	102	20
	2-Nitrophenol	50	48.8	ug/L	98	0			70	115	20
	2,4-Dimethylphenol	50	53.8	ug/L	108	1			42	142	20
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87	1			58	109	20
	2,4-Dichlorophenol	50	52.5	ug/L	105	1			66	115	20
	1,2,4-Trichlorobenzene	50	45.3	ug/L	91	0			41	115	20
	Benzoic acid	50	51	ug/L	102	1			10	125	20
	Naphthalene	50	43.8	ug/L	88	0			64	107	20
	4-Chloroaniline	50	27.2	ug/L	54	0			10	85	20
	Hexachlorobutadiene	50	45.1	ug/L	90	1			69	101	20
	Caprolactam	50	48.2	ug/L	96	2			58	128	20
	4-Chloro-3-methylphenol	50	49.1	ug/L	98	2			65	114	20
	2-Methylnaphthalene	50	45.3	ug/L	91	0			64	107	20
	Hexachlorocyclopentadiene	100	89.2	ug/L	89	1			36	160	20
	2,4,6-Trichlorophenol	50	50.1	ug/L	100	0			61	110	20
	2,4,5-Trichlorophenol	50	47.3	ug/L	95	0			70	106	20
	1,1-Biphenyl	50	40	ug/L	80	1			72	98	20
	2-Chloronaphthalene	50	43.3	ug/L	87	2			59	106	20
	2-Nitroaniline	50	45.7	ug/L	91	0			73	114	20
	Dimethylphthalate	50	46.4	ug/L	93	0			64	103	20
	Acenaphthylene	50	48.2	ug/L	96	1			79	103	20
	2,6-Dinitrotoluene	50	45.8	ug/L	92	0			64	110	20
	3-Nitroaniline	50	39.2	ug/L	78	0			28	100	20
	Acenaphthene	50	44	ug/L	88	2			59	113	20
	Total PAH	800	762.5	ug/L	95	0			59	113	20
	2,4-Dinitrophenol	100	100	ug/L	100	0			36	166	20
	4-Nitrophenol	100	98.5	ug/L	99	1			45	147	20
	Dibenzofuran	50	45.6	ug/L	91	0			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	93.1	ug/L	93	0			60	115	20
	2,4-Dinitrotoluene	50	47.3	ug/L	95	1			60	115	20
	Diethylphthalate	50	45.8	ug/L	92	0			63	105	20
	4-Chlorophenyl-phenylether	50	46.4	ug/L	93	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162757BSD	Fluorene	50	45.5	ug/L	91	1			64	107	20
	4-Nitroaniline	50	47.9	ug/L	96	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	50.8	ug/L	102	1			62	132	20
	N-Nitrosodiphenylamine	50	45.1	ug/L	90	0			61	109	20
	Azobenzene	50	42.7	ug/L	85	0			59	106	20
	4-Bromophenyl-phenylether	50	46.6	ug/L	93	1			73	103	20
	Hexachlorobenzene	50	45.1	ug/L	90	1			73	106	20
	Atrazine	50	50.3	ug/L	101	0			76	120	20
	Pentachlorophenol	100	91.8	ug/L	92	1			47	114	20
	Phenanthrene	50	46	ug/L	92	0			62	109	20
	Anthracene	50	47.6	ug/L	95	1			65	110	20
	Carbazole	50	46.6	ug/L	93	2			62	106	20
	Di-n-butylphthalate	50	46.4	ug/L	93	0			64	106	20
	Fluoranthene	50	47.9	ug/L	96	0			64	110	20
	Benzidine	100	46	ug/L	46	7			10	94	20
	Pyrene	50	43.5	ug/L	87	1			71	103	20
	Butylbenzylphthalate	50	46.4	ug/L	93	2			61	105	20
	3,3-Dichlorobenzidine	50	49	ug/L	98	3			43	108	20
	Benzo(a)anthracene	50	47.2	ug/L	94	0			62	107	20
	Chrysene	50	46.7	ug/L	93	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44.8	ug/L	90	1			59	110	20
	Di-n-octyl phthalate	50	49.6	ug/L	99	0			52	139	20
	Benzo(b)fluoranthene	50	47.2	ug/L	94	1			77	113	20
	Benzo(k)fluoranthene	50	47.5	ug/L	95	1			77	105	20
	Benzo(a)pyrene	50	51.8	ug/L	104	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	53.2	ug/L	106	1	*		72	105	20
	Dibenz(a,h)anthracene	50	53	ug/L	106	1			78	115	20
	Benzo(g,h,i)perylene	50	49.4	ug/L	99	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87	2			72	101	20
	1,4-Dioxane	50	26	ug/L	52	0			38	125	20
	2,3,4,6-Tetrachlorophenol	50	53.7	ug/L	107	2			63	116	20
	1-Methylnaphthalene	50	42.8	ug/L	86	0			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

926-KI-SD-0-0.5-081

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM081924

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047254.D

Lab Sample ID: P3580-01

Instrument ID: BNA_M

Date Extracted: 08/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 16:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
926-KI-SD-0-0.5-081224	P3580-01	BM047254.D	08/19/2024
926-KI-SD-0.5-1-081224	P3580-02	BM047255.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162722BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM081924

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047246.D

Lab Sample ID: PB162722BL

Instrument ID: BNA_M

Date Extracted: 08/14/2024

Matrix: (soil/water) Water

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 10:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162722BS	PB162722BS	BM047247.D	08/19/2024
PB162722BSD	PB162722BSD	BM047248.D	08/19/2024
918-J-WS-081324	P3596-01	BM047252.D	08/19/2024
918-J-WS-081324-FD	P3596-02	BM047253.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162757BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM081924

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047249.D

Lab Sample ID: PB162757BL

Instrument ID: BNA_M

Date Extracted: 08/15/2024

Matrix: (soil/water) Water

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 12:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162757BS	PB162757BS	BM047250.D	08/19/2024
PB162757BSD	PB162757BSD	BM047251.D	08/19/2024
915-J-WS-081424	P3609-01	BM047256.D	08/19/2024
920-J-WS-081424	P3609-02	BM047257.D	08/19/2024
917-J-WS-081424	P3619-01	BM047258.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

917-J-SD-0.5-1.0-08

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM081924

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047259.D

Lab Sample ID: P3643-06

Instrument ID: BNA_M

Date Extracted: 08/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 19:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
917-J-SD-0.5-1.0-081524	P3643-06	BM047259.D	08/19/2024
918-J-SD-0-0.5-081524	P3643-07	BM047261.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ETGI - 370

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM081924

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047260.D

Lab Sample ID: P3637-01

Instrument ID: BNA_M

Date Extracted: 08/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 20:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ETGI - 370	P3637-01	BM047260.D	08/19/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3580-01	926-KI-SD-0-0.5-08BM047254.D		2-Fluorophenol	150	88.56	59		18	112
			Phenol-d6	150	84.08	56		15	107
			Nitrobenzene-d5	100	53.89	54		18	107
			2-Fluorobiphenyl	100	47.53	48		20	109
			2,4,6-Tribromophenol	150	107.32	72		10	116
			Terphenyl-d14	100	41.01	41		10	105
P3580-02	926-KI-SD-0.5-1-08BM047255.D		2-Fluorophenol	150	69.27	46		18	112
			Phenol-d6	150	64.70	43		15	107
			Nitrobenzene-d5	100	41.15	41		18	107
			2-Fluorobiphenyl	100	40.48	40		20	109
			2,4,6-Tribromophenol	150	92.86	62		10	116
			Terphenyl-d14	100	36.48	36		10	105

Surrogate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3596-01	918-J-WS-081324	BM047252.D	2-Fluorophenol	150	55.64	37		10	139
			Phenol-d6	150	33.64	22		10	134
			Nitrobenzene-d5	100	75.23	75		49	133
			2-Fluorobiphenyl	100	80.92	81		52	132
			2,4,6-Tribromophenol	150	268.51	179	*	44	137
			Terphenyl-d14	100	82.82	83		48	125
P3596-02	918-J-WS-081324-IBM047253.D		2-Fluorophenol	150	55.49	37		10	139
			Phenol-d6	150	35.27	24		10	134
			Nitrobenzene-d5	100	73.03	73		49	133
			2-Fluorobiphenyl	100	78.81	79		52	132
			2,4,6-Tribromophenol	150	221.66	148	*	44	137
			Terphenyl-d14	100	93.93	94		48	125
PB162722BL	PB162722BL	BM047246.D	2-Fluorophenol	150	121.82	81		10	139
			Phenol-d6	150	116.99	78		10	134
			Nitrobenzene-d5	100	74.79	75		49	133
			2-Fluorobiphenyl	100	78.92	79		52	132
			2,4,6-Tribromophenol	150	140.78	94		44	137
			Terphenyl-d14	100	92.99	93		48	125
PB162722BS	PB162722BS	BM047247.D	2-Fluorophenol	150	129.88	87		10	139
			Phenol-d6	150	125.92	84		10	134
			Nitrobenzene-d5	100	77.98	78		49	133
			2-Fluorobiphenyl	100	82.13	82		52	132
			2,4,6-Tribromophenol	150	139.32	93		44	137
			Terphenyl-d14	100	100.67	101		48	125
PB162722BSD	PB162722BSD	BM047248.D	2-Fluorophenol	150	129.44	86		10	139
			Phenol-d6	150	125.06	83		10	134
			Nitrobenzene-d5	100	77.94	78		49	133
			2-Fluorobiphenyl	100	82.59	83		52	132
			2,4,6-Tribromophenol	150	140.19	93		44	137
			Terphenyl-d14	100	98.55	99		48	125

Surrogate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3609-01	915-J-WS-081424	BM047256.D	2-Fluorophenol	150	55.50	37		10	139
			Phenol-d6	150	34.75	23		10	134
			Nitrobenzene-d5	100	68.00	68		49	133
			2-Fluorobiphenyl	100	70.28	70		52	132
			2,4,6-Tribromophenol	150	155.23	103		44	137
			Terphenyl-d14	100	86.40	86		48	125
P3609-02	920-J-WS-081424	BM047257.D	2-Fluorophenol	150	57.33	38		10	139
			Phenol-d6	150	34.16	23		10	134
			Nitrobenzene-d5	100	76.96	77		49	133
			2-Fluorobiphenyl	100	79.95	80		52	132
			2,4,6-Tribromophenol	150	175.18	117		44	137
			Terphenyl-d14	100	92.11	92		48	125
P3619-01	917-J-WS-081424	BM047258.D	2-Fluorophenol	150	73.41	49		10	139
			Phenol-d6	150	44.94	30		10	134
			Nitrobenzene-d5	100	92.08	92		49	133
			2-Fluorobiphenyl	100	97.66	98		52	132
			2,4,6-Tribromophenol	150	175.77	117		44	137
			Terphenyl-d14	100	98.71	99		48	125
PB162757BL	PB162757BL	BM047249.D	2-Fluorophenol	150	126.51	84		10	139
			Phenol-d6	150	119.92	80		10	134
			Nitrobenzene-d5	100	76.02	76		49	133
			2-Fluorobiphenyl	100	79.91	80		52	132
			2,4,6-Tribromophenol	150	144.20	96		44	137
			Terphenyl-d14	100	80.12	80		48	125
PB162757BS	PB162757BS	BM047250.D	2-Fluorophenol	150	133.60	89		10	139
			Phenol-d6	150	130.79	87		10	134
			Nitrobenzene-d5	100	78.68	79		49	133
			2-Fluorobiphenyl	100	80.71	81		52	132
			2,4,6-Tribromophenol	150	141.01	94		44	137
			Terphenyl-d14	100	95.39	95		48	125
PB162757BSD	PB162757BSD	BM047251.D	2-Fluorophenol	150	135.17	90		10	139
			Phenol-d6	150	130.58	87		10	134
			Nitrobenzene-d5	100	78.35	78		49	133
			2-Fluorobiphenyl	100	81.66	82		52	132
			2,4,6-Tribromophenol	150	142.41	95		44	137
			Terphenyl-d14	100	94.70	95		48	125

Surrogate Summary

SW-846

SDG No.: **BM081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3643-06	917-J-SD-0.5-1.0-08BM047259.D		2-Fluorophenol	150	61.91	41		18	112
			Phenol-d6	150	58.46	39		15	107
			Nitrobenzene-d5	100	35.15	35		18	107
			2-Fluorobiphenyl	100	27.30	27		20	109
			2,4,6-Tribromophenol	150	66.97	45		10	116
			Terphenyl-d14	100	22.32	22		10	105
P3643-07	918-J-SD-0-0.5-081BM047261.D		2-Fluorophenol	150	95.32	64		18	112
			Phenol-d6	150	92.09	61		15	107
			Nitrobenzene-d5	100	55.10	55		18	107
			2-Fluorobiphenyl	100	44.42	44		20	109
			2,4,6-Tribromophenol	150	106.77	71		10	116
			Terphenyl-d14	100	43.39	43		10	105

Surrogate Summary

SW-846

SDG No.: BM081924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3637-01	ETGI - 370	BM047260.D	2-Fluorophenol	150	83.06	55		18	112
			Phenol-d6	150	81.08	54		15	107
			Nitrobenzene-d5	100	52.02	52		18	107
			2-Fluorobiphenyl	100	54.75	55		20	109
			2,4,6-Tribromophenol	150	100.35	67		10	116
			Terphenyl-d14	100	62.95	63		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM081924

Lab Code: CHEM

SAS No.: BM081924 SDG NO.: BM081924

Lab File ID: BM047244.D

DFTPP Injection Date: 08/19/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.3
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	42.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	9.1
442	Greater than 50% of mass 198	58.9
443	15.0 - 24.0% of mass 442	11.7 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM047245.D	08/19/2024	09:42
PB162722BL	PB162722BL	BM047246.D	08/19/2024	10:22
PB162722BS	PB162722BS	BM047247.D	08/19/2024	11:02
PB162722BSD	PB162722BSD	BM047248.D	08/19/2024	11:41
PB162757BL	PB162757BL	BM047249.D	08/19/2024	12:21
PB162757BS	PB162757BS	BM047250.D	08/19/2024	13:01
PB162757BSD	PB162757BSD	BM047251.D	08/19/2024	13:42
918-J-WS-081324	P3596-01	BM047252.D	08/19/2024	14:48
918-J-WS-081324-FD	P3596-02	BM047253.D	08/19/2024	15:28
926-KI-SD-0-0.5-081224	P3580-01	BM047254.D	08/19/2024	16:08
926-KI-SD-0.5-1-081224	P3580-02	BM047255.D	08/19/2024	16:48
915-J-WS-081424	P3609-01	BM047256.D	08/19/2024	17:28
920-J-WS-081424	P3609-02	BM047257.D	08/19/2024	18:08
917-J-WS-081424	P3619-01	BM047258.D	08/19/2024	18:49
917-J-SD-0.5-1.0-081524	P3643-06	BM047259.D	08/19/2024	19:29
ETGI - 370	P3637-01	BM047260.D	08/19/2024	20:09
918-J-SD-0-0.5-081524	P3643-07	BM047261.D	08/19/2024	20:48