

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG No.: BF102824
Instrument ID: BNA_F Calibration Date/Time: 10/28/2024 : 09:32
Lab File ID: BF140075.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.793	0.746		-5.927	
Pyridine	1.476	1.412		-4.336	
2-Fluorophenol	1.278	1.198		-6.26	
Benzaldehyde	0.931	0.884		-5.048	
Aniline	1.542	1.465		-4.994	
Phenol-d6	1.655	1.537		-7.13	
Phenol	1.706	1.612		-5.51	20.0
bis(2-Chloroethyl)ether	1.319	1.226		-7.051	
2-Chlorophenol	1.306	1.239		-5.13	
1,2-Dichlorobenzene	1.398	1.376		-1.574	
1,3-Dichlorobenzene	1.499	1.492		-0.467	
1,4-Dichlorobenzene	1.498	1.486		-0.801	20.0
Benzyl Alcohol	1.214	1.160		-4.448	
2-Methylphenol	1.114	1.050		-5.745	
2,2-oxybis(1-Chloropropane)	2.248	2.031		-9.653	
Acetophenone	0.490	0.469		-4.286	
3+4-Methylphenols	1.424	1.320		-7.303	
n-Nitroso-di-n-propylamine	1.004	0.920	0.050	-8.367	
Nitrobenzene-d5	0.361	0.377		4.432	
Hexachloroethane	0.534	0.526		-1.498	
Nitrobenzene	0.396	0.397		0.253	
Isophorone	0.685	0.658		-3.942	
2-Nitrophenol	0.149	0.152		2.013	20.0
2,4-Dimethylphenol	0.249	0.222		-10.843	
bis(2-Chloroethoxy)methane	0.415	0.394		-5.06	
2,4-Dichlorophenol	0.283	0.279		-1.413	20.0
1,2,4-Trichlorobenzene	0.314	0.315		0.318	
Benzoic acid	0.217	0.185		-14.747	
Naphthalene	1.031	1.016		-1.455	
4-Chloroaniline	0.352	0.343		-2.557	
Hexachlorobutadiene	0.197	0.200		1.523	20.0
Caprolactam	0.090	0.089		-1.111	
4-Chloro-3-methylphenol	0.314	0.307		-2.229	20.0
2-Methylnaphthalene	0.632	0.620		-1.899	
Hexachlorocyclopentadiene	0.188	0.182	0.050	-3.191	
2,4,6-Trichlorophenol	0.382	0.375		-1.832	20.0
2-Fluorobiphenyl	1.210	1.195		-1.24	
2,4,5-Trichlorophenol	0.394	0.392		-0.508	
1,1-Biphenyl	1.392	1.380		-0.862	

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.121	1.133		1.07	
2-Nitroaniline	0.343	0.367		6.997	
Dimethylphthalate	1.246	1.244		-0.161	
Acenaphthylene	1.621	1.626		0.308	
2,6-Dinitrotoluene	0.270	0.295		9.259	
3-Nitroaniline	0.278	0.293		5.396	
Acenaphthene	1.049	1.058		0.858	20.0
2,4-Dinitrophenol	0.093	0.118	0.050	26.882	
4-Nitrophenol	0.214	0.219	0.050	2.336	
Dibenzofuran	1.505	1.484		-1.395	
2,4-Dinitrotoluene	0.332	0.382		15.06	
Diethylphthalate	1.223	1.232		0.736	
4-Chlorophenyl-phenylether	0.579	0.592		2.245	
Fluorene	1.146	1.156		0.873	
4-Nitroaniline	0.263	0.286		8.745	
4,6-Dinitro-2-methylphenol	0.082	0.097		18.293	
n-Nitrosodiphenylamine	0.599	0.575		-4.007	20.0
Azobenzene	1.297	1.251		-3.547	
2,4,6-Tribromophenol	0.187	0.197		5.348	
4-Bromophenyl-phenylether	0.206	0.207		0.485	
Hexachlorobenzene	0.232	0.233		0.431	
Atrazine	0.162	0.157		-3.086	
Pentachlorophenol	0.141	0.144		2.128	20.0
Phenanthrene	0.945	0.909		-3.81	
Anthracene	0.922	0.899		-2.495	
Carbazole	0.857	0.812		-5.251	
Di-n-butylphthalate	0.990	0.968		-2.222	
Fluoranthene	0.955	0.911		-4.607	20.0
Benzidine	0.329	0.372		13.07	
Pyrene	1.751	1.783		1.828	
Terphenyl-d14	1.227	1.250		1.874	
Butylbenzylphthalate	0.525	0.541		3.048	
3,3-Dichlorobenzidine	0.380	0.422		11.053	
Benzo(a)anthracene	1.302	1.326		1.843	
Chrysene	1.194	1.172		-1.843	
Bis(2-ethylhexyl)phthalate	0.589	0.667		13.243	
Di-n-octyl phthalate	1.071	1.091		1.867	20.0
Benzo(b)fluoranthene	1.218	1.168		-4.105	
Benzo(k)fluoranthene	1.051	1.070		1.808	

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Instrument ID: BNA_F Calibration Date/Time: 10/28/2024 : 09:32

Lab File ID: BF140075.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.002	1.012		0.998	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.299		0.932	
Dibenzo(a,h)anthracene	1.073	1.070		-0.28	
Benzo(g,h,i)perylene	1.072	1.107		3.265	
1,2,4,5-Tetrachlorobenzene	0.540	0.554		2.593	
1,4-Dioxane	0.596	0.559		-6.208	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.311		0.647	
1-Methylnaphthalene	0.620	0.610		-1.613	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140076.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140076.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140076.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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	120.165		10-139		80	SPK: -150
13127-88-3	Phenol-d6	113.718		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	90.938		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	87.121		52-132		87	SPK: -100

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Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140076.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.764		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	89.131		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132330	6.886				
1146-65-2	Naphthalene-d8	518019	8.169				
15067-26-2	Acenaphthene-d10	298114	9.922				
1517-22-2	Phenanthrene-d10	550598	11.41				
1719-03-5	Chrysene-d12	341644	14.045				
1520-96-3	Perylene-d12	261224	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	17.7	J			7.639	
000540-97-6	Cyclohexasiloxane, dodecamethyl-	11.6	J			8.68	
000107-50-6	Cycloheptasiloxane, tetradecamethy	5.7	J			9.604	
	unknown10.416	3.3	J			10.416	
055319-93-2	Oxazepam, 2TMS derivative	2.3	J			11.116	

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BS	SDG No.:	BF102824
Lab Sample ID:	PB164444BS	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
BF140077.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.5		1	8	10	ug/L
110-86-1	Pyridine	38.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.6		4	8	10	ug/L
62-53-3	Aniline	38.7		1.6	4	5	ug/L
108-95-2	Phenol	44.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.2		1.4	4	5	ug/L
98-86-2	Acetophenone	43.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.2		1	4	5	ug/L
98-95-3	Nitrobenzene	43.5		1.3	4	5	ug/L
78-59-1	Isophorone	45.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.1		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	52		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	40.3		5.5	8	10	ug/L
91-20-3	Naphthalene	44.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BS	SDG No.:	BF102824
Lab Sample ID:	PB164444BS	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
BF140077.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.9		0.81	4	5	ug/L
Total PAH	Total PAH	751.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	95.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	52.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.8		2.7	4	10	ug/L
84-66-2	Diethylphthalate	46		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.3		0.98	4	5	ug/L
86-73-7	Fluorene	45.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.5		0.89	4	5	ug/L
103-33-3	Azobenzene	44.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45		1.1	4	5	ug/L
1912-24-9	Atrazine	54.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BS	SDG No.:	BF102824
Lab Sample ID:	PB164444BS	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
BF140077.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.5		0.89	4	5	ug/L
120-12-7	Anthracene	47		1.1	4	5	ug/L
86-74-8	Carbazole	43.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	44		1.3	4	5	ug/L
92-87-5	Benzidine	55.1		4.1	8	10	ug/L
129-00-0	Pyrene	46.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.2		0.94	4	5	ug/L
218-01-9	Chrysene	46.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	43.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	51		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.2		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	35.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.41		10-139		80	SPK: -150
13127-88-3	Phenol-d6	118.025		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	92.589		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	87.245		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BS	SDG No.:	BF102824
Lab Sample ID:	PB164444BS	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
BF140077.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.398		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	95.744		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127868	6.887				
1146-65-2	Naphthalene-d8	495282	8.175				
15067-26-2	Acenaphthene-d10	281323	9.928				
1517-22-2	Phenanthrene-d10	511374	11.416				
1719-03-5	Chrysene-d12	262593	14.051				
1520-96-3	Perylene-d12	265684	15.527				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164393TB	SDG No.:	BF102824
Lab Sample ID:	PB164393TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140078.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164393TB	SDG No.:	BF102824
Lab Sample ID:	PB164393TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140078.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164393TB	SDG No.:	BF102824
Lab Sample ID:	PB164393TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140078.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.289		10-139		82	SPK: -150
13127-88-3	Phenol-d6	119.224		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	92.201		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.858		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164393TB	SDG No.:	BF102824
Lab Sample ID:	PB164393TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140078.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.583		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	88.823		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128211	6.887				
1146-65-2	Naphthalene-d8	508163	8.169				
15067-26-2	Acenaphthene-d10	288600	9.922				
1517-22-2	Phenanthrene-d10	536321	11.41				
1719-03-5	Chrysene-d12	334195	14.051				
1520-96-3	Perylene-d12	261975	15.527				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140079.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140079.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140079.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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	119.874		10-139		80	SPK: -150
13127-88-3	Phenol-d6	116.278		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	89.596		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	86.236		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	PB164444BL	SDG No.:	BF102824
Lab Sample ID:	PB164444BL	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
BF140079.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.794		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	96.146		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122619	6.886				
1146-65-2	Naphthalene-d8	482544	8.169				
15067-26-2	Acenaphthene-d10	271379	9.922				
1517-22-2	Phenanthrene-d10	481831	11.41				
1719-03-5	Chrysene-d12	230845	14.045				
1520-96-3	Perylene-d12	282080	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.9	J			2.246	
1010309-12-5	Sulfurous acid, 2-propyl tetradecy	8.3	J			11.916	
000057-11-4	Octadecanoic acid	3	J			12.71	
000593-49-7	Heptacosane	8.4	J			12.904	
000630-01-3	Hexacosane	7.1	J			13.61	
000629-94-7	Heneicosane	6.5	J			14.174	
000630-02-4	Octacosane	4.6	J			14.651	
000646-31-1	Tetracosane	3.2	J			15.157	
	unknown17.539	2.6	J			17.539	

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102824
Lab Sample ID:	P4547-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140080.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102824
Lab Sample ID:	P4547-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF140080.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102824
Lab Sample ID:	P4547-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140080.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.036		10-139		92	SPK: -150
13127-88-3	Phenol-d6	131.685		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	104.193		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	97.389		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102824
Lab Sample ID:	P4547-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140080.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.387		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	108.049		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103291	6.887				
1146-65-2	Naphthalene-d8	399133	8.169				
15067-26-2	Acenaphthene-d10	225640	9.922				
1517-22-2	Phenanthrene-d10	384007	11.41				
1719-03-5	Chrysene-d12	191608	14.045				
1520-96-3	Perylene-d12	237181	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102824
Lab Sample ID:	P4547-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140081.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102824
Lab Sample ID:	P4547-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140081.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102824
Lab Sample ID:	P4547-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140081.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.115		10-139		92	SPK: -150
13127-88-3	Phenol-d6	131.162		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	106.511		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	103.844		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102824
Lab Sample ID:	P4547-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140081.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.942		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	107.317		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105972	6.887				
1146-65-2	Naphthalene-d8	413518	8.169				
15067-26-2	Acenaphthene-d10	227492	9.922				
1517-22-2	Phenanthrene-d10	389316	11.41				
1719-03-5	Chrysene-d12	199247	14.045				
1520-96-3	Perylene-d12	233774	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102824
Lab Sample ID:	P4561-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140082.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102824
Lab Sample ID:	P4561-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF140082.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM		
Project:				Date Received:	10/25/2024 12:00:00 AM		
Client Sample ID:	BP-F-19			SDG No.:	BF102824		
Lab Sample ID:	P4561-04			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140082.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.368		10-139		82	SPK: -150
13127-88-3	Phenol-d6	111.482		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	102.107		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.654		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102824
Lab Sample ID:	P4561-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140082.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.097		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	109.398		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115048	6.887				
1146-65-2	Naphthalene-d8	443599	8.169				
15067-26-2	Acenaphthene-d10	249467	9.922				
1517-22-2	Phenanthrene-d10	438252	11.41				
1719-03-5	Chrysene-d12	217651	14.045				
1520-96-3	Perylene-d12	264867	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102824
Lab Sample ID:	P4561-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140083.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102824
Lab Sample ID:	P4561-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140083.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102824
Lab Sample ID:	P4561-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140083.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.453		10-139		86	SPK: -150
13127-88-3	Phenol-d6	118.627		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	103.493		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	99.59		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102824
Lab Sample ID:	P4561-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140083.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.632		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	107.617		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113132	6.887				
1146-65-2	Naphthalene-d8	442120	8.169				
15067-26-2	Acenaphthene-d10	247403	9.922				
1517-22-2	Phenanthrene-d10	435938	11.41				
1719-03-5	Chrysene-d12	213605	14.045				
1520-96-3	Perylene-d12	242121	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102824
Lab Sample ID:	P4578-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF140084.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102824
Lab Sample ID:	P4578-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140084.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102824
Lab Sample ID:	P4578-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140084.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.498		10-139		87	SPK: -150
13127-88-3	Phenol-d6	119.796		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	105.486		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	100.787		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102824
Lab Sample ID:	P4578-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140084.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.499		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	110.559		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112580	6.887				
1146-65-2	Naphthalene-d8	438516	8.169				
15067-26-2	Acenaphthene-d10	246067	9.922				
1517-22-2	Phenanthrene-d10	437262	11.41				
1719-03-5	Chrysene-d12	219498	14.045				
1520-96-3	Perylene-d12	258448	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102824
Lab Sample ID:	P4578-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140085.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102824
Lab Sample ID:	P4578-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140085.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102824
Lab Sample ID:	P4578-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140085.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.448		10-139		81	SPK: -150
13127-88-3	Phenol-d6	112.289		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	96.407		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	93.785		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102824
Lab Sample ID:	P4578-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140085.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.37		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	102.238		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111257	6.887				
1146-65-2	Naphthalene-d8	441878	8.169				
15067-26-2	Acenaphthene-d10	245603	9.922				
1517-22-2	Phenanthrene-d10	437798	11.41				
1719-03-5	Chrysene-d12	215751	14.045				
1520-96-3	Perylene-d12	230540	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140086.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140086.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140086.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.697		10-139		84	SPK: -150
13127-88-3	Phenol-d6	115.445		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	100.198		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	97.002		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140086.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.63		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	107.318		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110919	6.887				
1146-65-2	Naphthalene-d8	439693	8.169				
15067-26-2	Acenaphthene-d10	243777	9.922				
1517-22-2	Phenanthrene-d10	428643	11.41				
1719-03-5	Chrysene-d12	214541	14.045				
1520-96-3	Perylene-d12	247245	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102824
Lab Sample ID:	P4567-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140087.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102824
Lab Sample ID:	P4567-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140087.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102824
Lab Sample ID:	P4567-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140087.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.544		10-139		81	SPK: -150
13127-88-3	Phenol-d6	110.068		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	99.532		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	94.372		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102824
Lab Sample ID:	P4567-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140087.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.115		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	110.525		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119936	6.887				
1146-65-2	Naphthalene-d8	464995	8.169				
15067-26-2	Acenaphthene-d10	262804	9.922				
1517-22-2	Phenanthrene-d10	468622	11.41				
1719-03-5	Chrysene-d12	233916	14.045				
1520-96-3	Perylene-d12	268349	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102824
Lab Sample ID:	P4567-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140088.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102824
Lab Sample ID:	P4567-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140088.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102824
Lab Sample ID:	P4567-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140088.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.228		10-139		81	SPK: -150
13127-88-3	Phenol-d6	108.773		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	99.132		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	95.005		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102824
Lab Sample ID:	P4567-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140088.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.499		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	110.89		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118123	6.887				
1146-65-2	Naphthalene-d8	460658	8.169				
15067-26-2	Acenaphthene-d10	259211	9.922				
1517-22-2	Phenanthrene-d10	459072	11.41				
1719-03-5	Chrysene-d12	226192	14.045				
1520-96-3	Perylene-d12	266702	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102824
Lab Sample ID:	P4574-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140089.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102824
Lab Sample ID:	P4574-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140089.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102824
Lab Sample ID:	P4574-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140089.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.279		10-139		74	SPK: -150
13127-88-3	Phenol-d6	98.867		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	93.486		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	91.404		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102824
Lab Sample ID:	P4574-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140089.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.115		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	105.377		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112228	6.887				
1146-65-2	Naphthalene-d8	429354	8.169				
15067-26-2	Acenaphthene-d10	239508	9.922				
1517-22-2	Phenanthrene-d10	421419	11.41				
1719-03-5	Chrysene-d12	205778	14.045				
1520-96-3	Perylene-d12	249633	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140090.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140090.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140090.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.902		10-139		79	SPK: -150
13127-88-3	Phenol-d6	108.462		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	93.385		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.661		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140090.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.847		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	101.671		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120346	6.887				
1146-65-2	Naphthalene-d8	474587	8.169				
15067-26-2	Acenaphthene-d10	268007	9.922				
1517-22-2	Phenanthrene-d10	470500	11.41				
1719-03-5	Chrysene-d12	230763	14.045				
1520-96-3	Perylene-d12	263125	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102824
Lab Sample ID:	P4545-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140091.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102824
Lab Sample ID:	P4545-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140091.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102824
Lab Sample ID:	P4545-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140091.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.122		10-139		84	SPK: -150
13127-88-3	Phenol-d6	118.353		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	95.441		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	90.123		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102824
Lab Sample ID:	P4545-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140091.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.829		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	103.682		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121273	6.886				
1146-65-2	Naphthalene-d8	468722	8.169				
15067-26-2	Acenaphthene-d10	261868	9.922				
1517-22-2	Phenanthrene-d10	455970	11.41				
1719-03-5	Chrysene-d12	227734	14.045				
1520-96-3	Perylene-d12	257940	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MS	SDG No.:	BF102824
Lab Sample ID:	P4545-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140092.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		10.3	80	100	ug/L
110-86-1	Pyridine	230		15.5	40	50	ug/L
100-52-7	Benzaldehyde	90.2	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	470		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	420		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	580		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	570		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	180		54.7	80	100	ug/L
91-20-3	Naphthalene	470		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	170		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MS	SDG No.:	BF102824
Lab Sample ID:	P4545-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140092.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	420		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	520		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	500		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1600	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	550		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	390		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	8230		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	480		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	990	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	600		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	150		27.6	40	100	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530		9.8	40	50	ug/L
86-73-7	Fluorene	520		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	530		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	360		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	550		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	550		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	540		11.4	40	50	ug/L
1912-24-9	Atrazine	640		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MS	SDG No.:	BF102824
Lab Sample ID:	P4545-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140092.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	780		18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	550		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	53	J	40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	650		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	480		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	550		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	760		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	730		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	520		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	570		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	590		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	460		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	380		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	470		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.729		10-139		90	SPK: -150
13127-88-3	Phenol-d6	128.587		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	103.069		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	98.807		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MS	SDG No.:	BF102824
Lab Sample ID:	P4545-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140092.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.702		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	104.783		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113612	6.892				
1146-65-2	Naphthalene-d8	441889	8.169				
15067-26-2	Acenaphthene-d10	241647	9.928				
1517-22-2	Phenanthrene-d10	409717	11.41				
1719-03-5	Chrysene-d12	203129	14.051				
1520-96-3	Perylene-d12	263019	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MSD	SDG No.:	BF102824
Lab Sample ID:	P4545-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140093.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		10.3	80	100	ug/L
110-86-1	Pyridine	250		15.5	40	50	ug/L
100-52-7	Benzaldehyde	86.4	J	40	80	100	ug/L
62-53-3	Aniline	210		16	40	50	ug/L
108-95-2	Phenol	470		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	510		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	510		16	80	100	ug/L
95-48-7	2-Methylphenol	500		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	590		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	260		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	200		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MSD	SDG No.:	BF102824
Lab Sample ID:	P4545-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140093.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	540		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1600	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	600		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	560		9.3	40	50	ug/L
208-96-8	Acenaphthylene	560		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	560		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	390		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	8380		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	520		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	170		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	610		15.2	40	50	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	550		9.8	40	50	ug/L
86-73-7	Fluorene	540		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	540		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	410		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	560		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	560		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	560		11.4	40	50	ug/L
1912-24-9	Atrazine	650		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MSD	SDG No.:	BF102824
Lab Sample ID:	P4545-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF140093.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	850	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	550		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	560		14.7	40	50	ug/L
206-44-0	Fluoranthene	480		12.9	40	50	ug/L
92-87-5	Benzidine	82	J	40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	640		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	490		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	560		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	760		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	730		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	550		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	580		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	610		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	460		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	370		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	390		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	560		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.371		10-139		91	SPK: -150
13127-88-3	Phenol-d6	131.779		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	105.134		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	100.702		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215MSD	SDG No.:	BF102824
Lab Sample ID:	P4545-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140093.D	1	10/26/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.659		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	105.257		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111820	6.886				
1146-65-2	Naphthalene-d8	432287	8.169				
15067-26-2	Acenaphthene-d10	236921	9.927				
1517-22-2	Phenanthrene-d10	398949	11.41				
1719-03-5	Chrysene-d12	204155	14.051				
1520-96-3	Perylene-d12	256308	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140094.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.3	U	57.3	180	220	ug/Kg
110-86-1	Pyridine	52.7	U	52.7	85.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.9	U	63.9	85.8	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.2	U	55.2	85.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.1	U	55.1	85.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	85.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.7	U	56.7	85.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.8	U	54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	53.2	U	53.2	85.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.8	110	ug/Kg
98-86-2	Acetophenone	57.3	U	57.3	85.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.8	110	ug/Kg
98-95-3	Nitrobenzene	59.9	U	59.9	85.8	110	ug/Kg
78-59-1	Isophorone	55.8	U	55.8	85.8	110	ug/Kg
88-75-5	2-Nitrophenol	62.4	U	62.4	85.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.5	U	61.5	85.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.6	U	56.6	85.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	85.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.3	U	56.3	85.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.8	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140094.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.3	U	57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.1	U	51.1	85.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.4	U	54.4	85.8	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	85.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.8	U	48.8	85.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57.7	U	57.7	85.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.8	110	ug/Kg
88-74-4	2-Nitroaniline	62.7	U	62.7	85.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.9	U	53.9	85.8	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.8	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	85.8	110	ug/Kg
Total PAH	Total PAH	874.4	U	874.4	85.8	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	55.7	U	55.7	85.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.8	U	111.8	85.8	220	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.8	110	ug/Kg
86-73-7	Fluorene	56.4	U	56.4	85.8	110	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	85.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.2	U	77.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.8	U	53.8	85.8	110	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	85.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	85.8	110	ug/Kg
1912-24-9	Atrazine	60.3	U	60.3	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140094.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

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	85.8	110	ug/Kg
120-12-7	Anthracene	55.7	U	55.7	85.8	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.6	U	55.6	85.8	110	ug/Kg
206-44-0	Fluoranthene	53.9	U	53.9	85.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.8	U	54.8	85.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.2	U	53.2	85.8	110	ug/Kg
218-01-9	Chrysene	52.5	U	52.5	85.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	85.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.6	U	72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.5	U	53.5	85.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.5	U	54.5	85.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.4	U	61.4	85.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.5	U	51.5	85.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.8	110	ug/Kg
123-91-1	1,4-Dioxane	72.6	U	72.6	85.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.9	U	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.635		18-112		46	SPK: -150
13127-88-3	Phenol-d6	69.781		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	53.517		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	50.506		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF102824
Lab Sample ID:	P4567-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140094.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.857		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	39.495		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133695	6.887				
1146-65-2	Naphthalene-d8	512924	8.169				
15067-26-2	Acenaphthene-d10	279317	9.922				
1517-22-2	Phenanthrene-d10	435403	11.41				
1719-03-5	Chrysene-d12	260745	14.045				
1520-96-3	Perylene-d12	287923	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	970	J			2.187	
000119-61-9	Benzophenone	130	J			10.633	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	66.6	J			12.845	
000192-97-2	Benzo[c]pyrene	54.1	J			15.092	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140095.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	250		140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140095.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140095.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.697		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.928		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	58.844		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	64.982		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-2	SDG No.:	BF102824
Lab Sample ID:	P4574-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140095.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.823		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	44.588		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121315	6.887				
1146-65-2	Naphthalene-d8	437968	8.169				
15067-26-2	Acenaphthene-d10	202704	9.922				
1517-22-2	Phenanthrene-d10	274935	11.41				
1719-03-5	Chrysene-d12	211748	14.069				
1520-96-3	Perylene-d12	189769	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	770	J			2.169	
000119-61-9	Benzophenone	61.3	J			10.633	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	TR-05-102524	SDG No.:	BF102824
Lab Sample ID:	P4577-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140096.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.6	U	55.6	170	210	ug/Kg
110-86-1	Pyridine	51.2	U	51.2	83.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.1	U	62.1	83.3	110	ug/Kg
108-95-2	Phenol	53.1	U	53.1	83.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.6	U	53.6	83.3	110	ug/Kg
95-57-8	2-Chlorophenol	53.5	U	53.5	83.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.2	U	54.2	83.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.1	U	55.1	83.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.4	U	55.4	83.3	110	ug/Kg
100-51-6	Benzyl Alcohol	53.2	U	53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	51.7	U	51.7	83.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.3	U	58.3	83.3	110	ug/Kg
98-86-2	Acetophenone	55.7	U	55.7	83.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.1	U	51.1	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.8	U	25.8	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	53.2	U	53.2	83.3	110	ug/Kg
98-95-3	Nitrobenzene	58.2	U	58.2	83.3	110	ug/Kg
78-59-1	Isophorone	54.2	U	54.2	83.3	110	ug/Kg
88-75-5	2-Nitrophenol	60.6	U	60.6	83.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.7	U	59.7	83.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55	U	55	83.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.4	U	48.4	83.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.7	U	54.7	83.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.9	U	52.9	83.3	110	ug/Kg
106-47-8	4-Chloroaniline	52.9	U	52.9	83.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.4	U	53.4	83.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	TR-05-102524	SDG No.:	BF102824
Lab Sample ID:	P4577-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140096.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.6	U	55.6	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.7	U	49.7	83.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.9	U	52.9	83.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.8	U	45.8	83.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.4	U	47.4	83.3	110	ug/Kg
92-52-4	1,1-Biphenyl	56	U	56	83.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.4	U	53.4	83.3	110	ug/Kg
88-74-4	2-Nitroaniline	60.9	U	60.9	83.3	110	ug/Kg
131-11-3	Dimethylphthalate	52.4	U	52.4	83.3	110	ug/Kg
208-96-8	Acenaphthylene	55.4	U	55.4	83.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.3	U	53.3	83.3	110	ug/Kg
99-09-2	3-Nitroaniline	57.2	U	57.2	83.3	110	ug/Kg
83-32-9	Acenaphthene	52	U	52	83.3	110	ug/Kg
Total PAH	Total PAH	849.2	U	849.2	83.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.3	U	74.3	170	210	ug/Kg
132-64-9	Dibenzofuran	54.1	U	54.1	83.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.2	U	55.2	83.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.5	U	108.5	83.3	220	ug/Kg
84-66-2	Diethylphthalate	51.3	U	51.3	83.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.9	U	54.9	83.3	110	ug/Kg
86-73-7	Fluorene	54.8	U	54.8	83.3	110	ug/Kg
100-01-6	4-Nitroaniline	68.6	U	68.6	83.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	75	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.3	U	52.3	83.3	110	ug/Kg
103-33-3	Azobenzene	51	U	51	83.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.6	U	50.6	83.3	110	ug/Kg
118-74-1	Hexachlorobenzene	54.5	U	54.5	83.3	110	ug/Kg
1912-24-9	Atrazine	58.6	U	58.6	83.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	TR-05-102524	SDG No.:	BF102824
Lab Sample ID:	P4577-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140096.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.5	U	49.5	170	210	ug/Kg
85-01-8	Phenanthrene	64.3	J	53.8	83.3	110	ug/Kg
120-12-7	Anthracene	54.1	U	54.1	83.3	110	ug/Kg
86-74-8	Carbazole	51.5	U	51.5	83.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	83.3	110	ug/Kg
206-44-0	Fluoranthene	160		52.4	83.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	110		53.2	83.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	62	83.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.2	U	63.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	82.1	J	51.7	83.3	110	ug/Kg
218-01-9	Chrysene	79.6	J	51	83.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.3	U	58.3	83.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.5	U	70.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	52	83.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	65.1	J	52.9	83.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	85.3	J	59.6	83.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.1	U	50.1	83.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	83.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.3	U	51.3	83.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.6	U	55.6	83.3	110	ug/Kg
123-91-1	1,4-Dioxane	70.5	U	70.5	83.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.9	U	47.9	83.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.3	U	53.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.171		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.66		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	65.739		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	72.453		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	TR-05-102524	SDG No.:	BF102824
Lab Sample ID:	P4577-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140096.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.767		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	55.952		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113960	6.886				
1146-65-2	Naphthalene-d8	424930	8.169				
15067-26-2	Acenaphthene-d10	198982	9.922				
1517-22-2	Phenanthrene-d10	299549	11.41				
1719-03-5	Chrysene-d12	224511	14.045				
1520-96-3	Perylene-d12	182388	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			2.175	
001119-40-0	Pentanedioic acid, dimethyl ester	51.1	J			7.698	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	46.4	J			8.992	
013287-21-3	Tridecane, 6-methyl-	64.1	J			9.322	
000581-40-8	Naphthalene, 2,3-dimethyl-	55.3	J			9.575	
	unknown9.639	56	J			9.639	
000629-62-9	Pentadecane	97.2	J			9.851	
006165-40-8	Pentadecane, 7-methyl-	140	J			10.351	
017301-22-3	Undecane, 2,5-dimethyl-	74.8	J			10.569	
000119-61-9	Benzophenone	210	J			10.633	
000629-78-7	Heptadecane	200	J			10.827	
000593-45-3	Octadecane	120	J			11.275	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	66.2	J			11.304	
000544-76-3	Hexadecane	96.1	J			11.698	
000057-10-3	n-Hexadecanoic acid	100	J			11.933	
000112-95-8	Eicosane	82.3	J			12.104	
000593-49-7	Heptacosane	67.3	J			12.492	
000295-65-8	Cyclohexadecane	140	J			13.892	
067860-04-2	Oxirane, heptadecyl-	110	J			14.968	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	TR-05-102524	SDG No.:	BF102824
Lab Sample ID:	P4577-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140096.D	1	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	HD-01-102524	SDG No.:	BF102824
Lab Sample ID:	P4566-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140097.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	830	1000	ug/Kg
110-86-1	Pyridine	250	U	250	400	520	ug/Kg
100-52-7	Benzaldehyde	560	U	560	830	1000	ug/Kg
62-53-3	Aniline	300	U	300	400	520	ug/Kg
108-95-2	Phenol	260	U	260	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	400	520	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	400	520	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	830	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	400	520	ug/Kg
98-86-2	Acetophenone	270	U	270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	400	520	ug/Kg
98-95-3	Nitrobenzene	280	U	280	400	520	ug/Kg
78-59-1	Isophorone	260	U	260	400	520	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	400	520	ug/Kg
65-85-0	Benzoic acid	730	U	730	830	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	520	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	HD-01-102524	SDG No.:	BF102824
Lab Sample ID:	P4566-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140097.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	400	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	400	520	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	520	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	400	520	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	400	520	ug/Kg
208-96-8	Acenaphthylene	270	U	270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	400	520	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	400	520	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	520	ug/Kg
Total PAH	Total PAH	11610	U	4090	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	750	U	750	830	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	830	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	630	U	530	400	1040	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	400	520	ug/Kg
84-66-2	Diethylphthalate	250	U	250	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	400	520	ug/Kg
86-73-7	Fluorene	260	U	260	400	520	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	250	U	250	400	520	ug/Kg
103-33-3	Azobenzene	250	U	250	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	400	520	ug/Kg
118-74-1	Hexachlorobenzene	260	U	260	400	520	ug/Kg
1912-24-9	Atrazine	280	U	280	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	HD-01-102524	SDG No.:	BF102824
Lab Sample ID:	P4566-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140097.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	830	1000	ug/Kg
85-01-8	Phenanthrene	570		260	400	520	ug/Kg
120-12-7	Anthracene	260	U	260	400	520	ug/Kg
86-74-8	Carbazole	250	U	250	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	400	520	ug/Kg
206-44-0	Fluoranthene	2100		250	400	520	ug/Kg
92-87-5	Benzidine	500	U	500	830	1000	ug/Kg
129-00-0	Pyrene	1600		260	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1200		250	400	520	ug/Kg
218-01-9	Chrysene	1000		250	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	770		250	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	1400		290	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	620		240	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		250	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	400	520	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.49		18-112		56	SPK: -150
13127-88-3	Phenol-d6	78.055		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	65.59		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	82.97		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	HD-01-102524	SDG No.:	BF102824
Lab Sample ID:	P4566-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140097.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.315		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	70.185		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107808	6.886				
1146-65-2	Naphthalene-d8	365780	8.169				
15067-26-2	Acenaphthene-d10	165505	9.922				
1517-22-2	Phenanthrene-d10	280135	11.41				
1719-03-5	Chrysene-d12	196985	14.051				
1520-96-3	Perylene-d12	157680	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.14	
002531-84-2	Phenanthrene, 2-methyl-	530	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			12.022	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PL-02-102424	SDG No.:	BF102824
Lab Sample ID:	P4575-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140098.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	430	560	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PL-02-102424	SDG No.:	BF102824
Lab Sample ID:	P4575-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140098.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	280	J	280	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
Total PAH	Total PAH	18700	U	4360	430	8960	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	310	J	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PL-02-102424	SDG No.:	BF102824
Lab Sample ID:	P4575-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140098.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	2100		280	430	560	ug/Kg
120-12-7	Anthracene	730		280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	3700		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	2800		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1700		260	430	560	ug/Kg
218-01-9	Chrysene	1500		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	900		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	1600		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	650		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.92		18-112		45	SPK: -150
13127-88-3	Phenol-d6	62.14		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	51.17		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	61.58		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PL-02-102424	SDG No.:	BF102824
Lab Sample ID:	P4575-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140098.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.985		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	56.625		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97803	6.887				
1146-65-2	Naphthalene-d8	326504	8.169				
15067-26-2	Acenaphthene-d10	151348	9.922				
1517-22-2	Phenanthrene-d10	272341	11.41				
1719-03-5	Chrysene-d12	184056	14.051				
1520-96-3	Perylene-d12	153389	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.14	
000091-57-6	Naphthalene, 2-methyl-	230	J			8.987	
000544-76-3	Hexadecane	260	J			9.322	
000581-40-8	Naphthalene, 2,3-dimethyl-	310	J			9.581	
000629-78-7	Heptadecane	320	J			9.851	
006165-40-8	Pentadecane, 7-methyl-	390	J			10.351	
107770-99-0	3,5-Dimethyldodecane	310	J			10.569	
000629-50-5	Tridecane	780	J			10.828	
000629-92-5	Nonadecane	410	J			11.275	
000132-65-0	Dibenzothiophene	410	J			11.304	
055045-08-4	Dodecane, 2-methyl-6-propyl-	400	J			11.698	
002531-84-2	Phenanthrene, 2-methyl-	350	J			11.91	
000832-69-9	Phenanthrene, 1-methyl-	550	J			11.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			12.022	
000629-62-9	Pentadecane	340	J			12.11	
003674-66-6	Phenanthrene, 2,5-dimethyl-	300	J			12.463	
000593-49-7	Heptacosane	540	J			12.498	
002381-21-7	Pyrene, 1-methyl-	330	J			13.18	
000243-17-4	11H-Benzo[b]fluorene	260	J			13.245	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PL-02-102424	SDG No.:	BF102824
Lab Sample ID:	P4575-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140098.D	5	10/28/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003442-78-2	Pyrene, 2-methyl-	250	J			13.286	

Hit Summary Sheet SW-846

SDG No.: BF102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : HD-01-102524								
P4566-01	HD-01-102524	Solid	4H-Cyclopenta[def]phenanthrene *	360.000	J			
P4566-01	HD-01-102524	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			
P4566-01	HD-01-102524	Solid	Phenanthrene, 2-methyl- *	530.000	J			
Total Tics :				2,290.00				
P4566-01	HD-01-102524	Solid	Benzo(a)anthracene	1,200.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Benzo(a)pyrene	1,400.000		290	520	ug/Kg
P4566-01	HD-01-102524	Solid	Benzo(b)fluoranthene	1,600.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Benzo(g,h,i)perylene	750.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Benzo(k)fluoranthene	770.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Chrysene	1,000.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Fluoranthene	2,100.000		250	520	ug/Kg
P4566-01	HD-01-102524	Solid	Indeno(1,2,3-cd)pyrene	620.000		240	520	ug/Kg
P4566-01	HD-01-102524	Solid	Phenanthrene	570.000		260	520	ug/Kg
P4566-01	HD-01-102524	Solid	Pyrene	1,600.000		260	520	ug/Kg
Total Svoc :				11,610.00				
Total Concentration:				13,900.00				
Client ID : WC-1								
P4567-01	WC-1	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	66.600	J			
P4567-01	WC-1	Solid	Benzo[e]pyrene *	54.100	J			
P4567-01	WC-1	Solid	Benzophenone *	130.000	J			
P4567-01	WC-1	Solid	Butane, 2-methoxy-2-methyl- *	970.000	J			
Total Tics :				1,220.70				
Total Concentration:				1,220.70				
Client ID : GRAVEL-2								
P4574-04	GRAVEL-2	Solid	Benzophenone *	61.300	J			
P4574-04	GRAVEL-2	Solid	Butane, 2-methoxy-2-methyl- *	770.000	J			
Total Tics :				831.30				
P4574-04	GRAVEL-2	Solid	Benzoic acid	250.000		140	200	ug/Kg
Total Svoc :				250.00				
Total Concentration:				1,081.30				
Client ID : PL-02-102424								
P4575-01	PL-02-102424	Solid	11H-Benzo[b]fluorene *	260.000	J			
P4575-01	PL-02-102424	Solid	3,5-Dimethyldodecane *	310.000	J			
P4575-01	PL-02-102424	Solid	4H-Cyclopenta[def]phenanthrene *	1,100.000	J			
P4575-01	PL-02-102424	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P4575-01	PL-02-102424	Solid	Dibenzothiophene *	410.000	J			

Hit Summary Sheet SW-846

SDG No.: BF102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4575-01	PL-02-102424	Solid	Dodecane, 2-methyl-6-propyl-	*	400.000	J		
P4575-01	PL-02-102424	Solid	Heptacosane	*	540.000	J		
P4575-01	PL-02-102424	Solid	Heptadecane	*	320.000	J		
P4575-01	PL-02-102424	Solid	Hexadecane	*	260.000	J		
P4575-01	PL-02-102424	Solid	Naphthalene, 2,3-dimethyl-	*	310.000	J		
P4575-01	PL-02-102424	Solid	Naphthalene, 2-methyl-	*	230.000	J		
P4575-01	PL-02-102424	Solid	Nonadecane	*	410.000	J		
P4575-01	PL-02-102424	Solid	Pentadecane	*	340.000	J		
P4575-01	PL-02-102424	Solid	Pentadecane, 7-methyl-	*	390.000	J		
P4575-01	PL-02-102424	Solid	Phenanthrene, 1-methyl-	*	550.000	J		
P4575-01	PL-02-102424	Solid	Phenanthrene, 2,5-dimethyl-	*	300.000	J		
P4575-01	PL-02-102424	Solid	Phenanthrene, 2-methyl-	*	350.000	J		
P4575-01	PL-02-102424	Solid	Pyrene, 1-methyl-	*	330.000	J		
P4575-01	PL-02-102424	Solid	Pyrene, 2-methyl-	*	250.000	J		
P4575-01	PL-02-102424	Solid	Tridecane	*	780.000	J		
Total Tics :				8,940.00				
P4575-01	PL-02-102424	Solid	Acenaphthylene		280.000	J	280	560 ug/Kg
P4575-01	PL-02-102424	Solid	Anthracene		730.000		280	560 ug/Kg
P4575-01	PL-02-102424	Solid	Benzo(a)anthracene		1,700.000		260	560 ug/Kg
P4575-01	PL-02-102424	Solid	Benzo(a)pyrene		1,600.000		310	560 ug/Kg
P4575-01	PL-02-102424	Solid	Benzo(b)fluoranthene		1,700.000		270	560 ug/Kg
P4575-01	PL-02-102424	Solid	Benzo(g,h,i)perylene		730.000		260	560 ug/Kg
P4575-01	PL-02-102424	Solid	Benzo(k)fluoranthene		900.000		270	560 ug/Kg
P4575-01	PL-02-102424	Solid	Chrysene		1,500.000		260	560 ug/Kg
P4575-01	PL-02-102424	Solid	Fluoranthene		3,700.000		270	560 ug/Kg
P4575-01	PL-02-102424	Solid	Fluorene		310.000	J	280	560 ug/Kg
P4575-01	PL-02-102424	Solid	Indeno(1,2,3-cd)pyrene		650.000		260	560 ug/Kg
P4575-01	PL-02-102424	Solid	Phenanthrene		2,100.000		280	560 ug/Kg
P4575-01	PL-02-102424	Solid	Pyrene		2,800.000		270	560 ug/Kg
Total Svoc :				18,700.00				
Total Concentration:				27,640.00				
Client ID : TR-05-102524								
P4577-01	TR-05-102524	Solid	Benzophenone	*	210.000	J		
P4577-01	TR-05-102524	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P4577-01	TR-05-102524	Solid	Cyclohexadecane	*	140.000	J		
P4577-01	TR-05-102524	Solid	Eicosane	*	82.300	J		
P4577-01	TR-05-102524	Solid	Heptacosane	*	67.300	J		
P4577-01	TR-05-102524	Solid	Heptadecane	*	200.000	J		
P4577-01	TR-05-102524	Solid	Hexadecane	*	96.100	J		
P4577-01	TR-05-102524	Solid	Hexadecane, 2,6,10,14-tetramethy	*	66.200	J		

Hit Summary Sheet SW-846

SDG No.: BF102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4577-01	TR-05-102524	Solid	n-Hexadecanoic acid	*	100.000	J		
P4577-01	TR-05-102524	Solid	Naphthalene, 1,2,3,4-tetrahydro-1.	*	46.400	J		
P4577-01	TR-05-102524	Solid	Naphthalene, 2,3-dimethyl-	*	55.300	J		
P4577-01	TR-05-102524	Solid	Octadecane	*	120.000	J		
P4577-01	TR-05-102524	Solid	Oxirane, heptadecyl-	*	110.000	J		
P4577-01	TR-05-102524	Solid	Pentadecane	*	97.200	J		
P4577-01	TR-05-102524	Solid	Pentadecane, 7-methyl-	*	140.000	J		
P4577-01	TR-05-102524	Solid	Pentanedioic acid, dimethyl ester	*	51.100	J		
P4577-01	TR-05-102524	Solid	Tridecane, 6-methyl-	*	64.100	J		
P4577-01	TR-05-102524	Solid	Undecane, 2,5-dimethyl-	*	74.800	J		
P4577-01	TR-05-102524	Solid	unknown9.639	*	56.000	J		
Total Tics :					2,756.80			
P4577-01	TR-05-102524	Solid	Benzo(a)anthracene	82.100	J	51.7	110	ug/Kg
P4577-01	TR-05-102524	Solid	Benzo(a)pyrene	85.300	J	59.6	110	ug/Kg
P4577-01	TR-05-102524	Solid	Benzo(b)fluoranthene	100.000	J	52	110	ug/Kg
P4577-01	TR-05-102524	Solid	Benzo(k)fluoranthene	65.100	J	52.9	110	ug/Kg
P4577-01	TR-05-102524	Solid	Chrysene	79.600	J	51	110	ug/Kg
P4577-01	TR-05-102524	Solid	Fluoranthene	160.000		52.4	110	ug/Kg
P4577-01	TR-05-102524	Solid	Phenanthrene	64.300	J	53.8	110	ug/Kg
P4577-01	TR-05-102524	Solid	Pyrene	110.000		53.2	110	ug/Kg
Total Svoc :					746.40			
Total Concentration:					3,503.20			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.815	0.800	0.799	0.806	0.782	0.793	2.4
Pyridine		1.622	1.570	1.522	1.504	1.386	1.476	7.3
2-Fluorophenol		1.465	1.398	1.331	1.278	1.179	1.278	10.1
Benzaldehyde			1.137	1.042	0.940	0.873	0.931	15.2
Aniline		1.673	1.649	1.618	1.582	1.471	1.542	8.1
Phenol-d6		1.900	1.818	1.709	1.647	1.538	1.655	10.1
Phenol		1.952	1.832	1.760	1.712	1.583	1.706	9.2
bis(2-Chloroethyl)ether		1.470	1.423	1.359	1.294	1.251	1.319	7.8
2-Chlorophenol		1.503	1.422	1.358	1.310	1.212	1.306	10.2
1,2-Dichlorobenzene		1.660	1.579	1.478	1.379	1.273	1.398	13.2
1,3-Dichlorobenzene		1.718	1.656	1.544	1.499	1.392	1.499	10.2
1,4-Dichlorobenzene		1.723	1.641	1.558	1.487	1.392	1.498	10.2
Benzyl Alcohol		1.355	1.299	1.257	1.213	1.154	1.214	8.1
2-Methylphenol		1.264	1.164	1.134	1.114	1.053	1.114	7.7
2,2-oxybis(1-Chloropropane)		2.524	2.409	2.353	2.255	2.117	2.248	8.7
Acetophenone		0.578	0.533	0.516	0.481	0.452	0.490	11.4
3+4-Methylphenols		1.678	1.573	1.520	1.418	1.309	1.424	12.4
n-Nitroso-di-n-propylamine	1.105	1.141	1.066	1.025	0.974	0.921	1.004	9.6
Nitrobenzene-d5		0.365	0.365	0.372	0.371	0.354	0.361	2.9
Hexachloroethane		0.583	0.571	0.549	0.541	0.507	0.534	7.1
Nitrobenzene		0.417	0.402	0.408	0.403	0.383	0.396	4.1
Isophorone		0.755	0.709	0.702	0.679	0.652	0.685	5.9
2-Nitrophenol		0.124	0.137	0.150	0.157	0.158	0.149	9.2
2,4-Dimethylphenol		0.285	0.259	0.256	0.248	0.237	0.249	8.1
bis(2-Chloroethoxy)methane		0.468	0.440	0.432	0.412	0.394	0.415	8.2
2,4-Dichlorophenol		0.308	0.297	0.293	0.283	0.272	0.283	6.2
1,2,4-Trichlorobenzene		0.351	0.331	0.325	0.315	0.298	0.314	7.7
Benzoic acid			0.175	0.207	0.220	0.231	0.217	10.7
Naphthalene		1.209	1.121	1.091	1.023	0.958	1.031	11.2
4-Chloroaniline		0.397	0.382	0.368	0.351	0.332	0.352	9.3
Hexachlorobutadiene		0.224	0.206	0.203	0.197	0.185	0.197	8.0
Caprolactam		0.092	0.092	0.092	0.092	0.088	0.090	2.9
4-Chloro-3-methylphenol		0.341	0.328	0.324	0.315	0.299	0.314	6.0
2-Methylnaphthalene		0.740	0.689	0.666	0.621	0.587	0.632	11.1
Hexachlorocyclopentadiene		0.185	0.193	0.198	0.198	0.186	0.188	5.3
2,4,6-Trichlorophenol		0.405	0.382	0.400	0.387	0.363	0.382	4.8

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D		RRF005 = BF139845.D		RRF010 = BF139846.D		
		RRF020 = BF139847.D		RRF040 = BF139848.D		RRF050 = BF139849.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.396	1.280	1.162	1.088	1.210	16.0
2,4,5-Trichlorophenol		0.426	0.425	0.398	0.401	0.381	0.394	6.6
1,1-Biphenyl		1.640	1.536	1.483	1.379	1.285	1.392	12.2
2-Chloronaphthalene		1.288	1.225	1.164	1.111	1.048	1.121	10.0
2-Nitroaniline		0.299	0.318	0.353	0.365	0.354	0.343	7.2
Dimethylphthalate		1.410	1.344	1.283	1.237	1.172	1.246	8.6
Acenaphthylene		1.854	1.756	1.717	1.615	1.507	1.621	10.1
2,6-Dinitrotoluene		0.256	0.266	0.278	0.280	0.273	0.270	3.4
3-Nitroaniline		0.270	0.275	0.296	0.292	0.276	0.278	4.8
Acenaphthene		1.200	1.136	1.089	1.044	0.977	1.049	9.5
2,4-Dinitrophenol			0.056	0.077	0.101	0.101	0.093	23.9
4-Nitrophenol		0.187	0.207	0.225	0.232	0.219	0.214	6.8
Dibenzofuran		1.767	1.659	1.579	1.486	1.389	1.505	11.5
2,4-Dinitrotoluene		0.280	0.314	0.337	0.356	0.344	0.332	7.9
Diethylphthalate		1.366	1.308	1.267	1.214	1.165	1.223	8.0
4-Chlorophenyl-phenylether		0.698	0.638	0.617	0.569	0.526	0.579	13.1
Fluorene		1.409	1.309	1.201	1.110	1.029	1.146	14.7
4-Nitroaniline		0.249	0.259	0.270	0.275	0.263	0.263	3.6
4,6-Dinitro-2-methylphenol			0.055	0.072	0.087	0.090	0.082	18.6
n-Nitrosodiphenylamine		0.672	0.641	0.621	0.595	0.568	0.599	8.1
Azobenzene		1.459	1.385	1.355	1.306	1.216	1.297	8.6
2,4,6-Tribromophenol		0.201	0.196	0.193	0.188	0.179	0.187	5.5
4-Bromophenyl-phenylether		0.230	0.217	0.211	0.202	0.197	0.206	7.0
Hexachlorobenzene		0.258	0.245	0.237	0.231	0.217	0.232	7.2
Atrazine		0.189	0.175	0.156	0.175	0.135	0.162	11.4
Pentachlorophenol		0.118	0.137	0.148	0.152	0.145	0.141	8.0
Phenanthrene		1.121	1.035	0.994	0.933	0.863	0.945	11.8
Anthracene		1.082	1.014	0.972	0.913	0.851	0.922	11.5
Carbazole		1.002	0.964	0.923	0.846	0.776	0.857	12.6
Di-n-butylphthalate		1.104	1.071	1.062	1.014	0.923	0.990	9.8
Fluoranthene		1.149	1.108	1.036	0.943	0.842	0.955	15.3
Benzidine		0.457	0.461	0.293	0.366	0.276	0.329	30.9
Pyrene		1.892	1.828	1.900	1.805	1.685	1.751	8.4
Terphenyl-d14		1.381	1.335	1.340	1.244	1.154	1.227	11.0
Butylbenzylphthalate		0.490	0.513	0.536	0.555	0.535	0.525	4.0
3,3-Dichlorobenzidine		0.368	0.372	0.390	0.387	0.374	0.380	2.2

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024 _____
Calibration Time(s): 10:27 _____

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.425	1.355	1.329	1.331	1.267	1.302	6.5
Chrysene		1.325	1.244	1.234	1.167	1.134	1.194	6.5
Bis(2-ethylhexyl)phthalate		0.520	0.539	0.577	0.626	0.620	0.589	7.5
Di-n-octyl phthalate			0.786	0.930	1.135	1.182	1.071	16.1
Benzo(b)fluoranthene		1.317	1.240	1.319	1.196	1.105	1.218	7.1
Benzo(k)fluoranthene		1.213	1.177	0.992	1.066	1.030	1.051	10.4
Benzo(a)pyrene		1.030	1.024	1.018	1.025	0.974	1.002	3.1
Indeno(1,2,3-cd)pyrene		1.209	1.261	1.307	1.352	1.299	1.287	3.8
Dibenzo(a,h)anthracene		1.021	1.064	1.103	1.120	1.083	1.073	3.3
Benzo(g,h,i)perylene		1.030	1.046	1.090	1.128	1.081	1.072	3.4
1,2,4,5-Tetrachlorobenzene		0.609	0.579	0.562	0.537	0.512	0.540	8.7
1,4-Dioxane		0.651	0.625	0.603	0.591	0.571	0.596	5.7
2,3,4,6-Tetrachlorophenol		0.334	0.322	0.326	0.310	0.296	0.309	6.3
1-Methylnaphthalene		0.726	0.683	0.655	0.612	0.569	0.620	11.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:01

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	181899	6.892	688880	8.18	379753	9.93
	UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
	LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
	EPA SAMPLE NO.						
01	PB164444BL	132330	6.89	518019	8.17	298114	9.92
02	PB164444BS	127868	6.89	495282	8.18	281323	9.93
03	PB164393TB	128211	6.89	508163	8.17	288600	9.92
04	PB164444BL	122619	6.89	482544	8.17	271379	9.92
05	BP-F-21	103291	6.89	399133	8.17	225640	9.92
06	BP-F-20	105972	6.89	413518	8.17	227492	9.92
07	BP-F-19	115048	6.89	443599	8.17	249467	9.92
08	BP-F-18	113132	6.89	442120	8.17	247403	9.92
09	WB-305-BOT	112580	6.89	438516	8.17	246067	9.92
10	WB-305-BOT-1	111257	6.89	441878	8.17	245603	9.92
11	WC-1	110919	6.89	439693	8.17	243777	9.92
12	WC-2	119936	6.89	464995	8.17	262804	9.92
13	WC-3	118123	6.89	460658	8.17	259211	9.92
14	GRAVEL-1	112228	6.89	429354	8.17	239508	9.92
15	GRAVEL-2	120346	6.89	474587	8.17	268007	9.92
16	VNJ-215	121273	6.89	468722	8.17	261868	9.92
17	VNJ-215MS	113612	6.89	441889	8.17	241647	9.93
18	VNJ-215MSD	111820	6.89	432287	8.17	236921	9.93
19	WC-1	133695	6.89	512924	8.17	279317	9.92
20	GRAVEL-2	121315	6.89	437968	8.17	202704	9.92
21	TR-05-102524	113960	6.89	424930	8.17	198982	9.92
22	HD-01-102524	107808	6.89	365780	8.17	165505 *	9.92
23	PL-02-102424	97803	6.89	326504 *	8.17	151348 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:23

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	181899	6.892	688880	8.18	379753	9.93
UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
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.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF140075.D Time Analyzed: 10:01

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	132517	6.892	497360	8.18	274065	9.93
	UPPER LIMIT	265034	7.392	994720	8.675	548130	10.427
	LOWER LIMIT	66258.5	6.392	248680	7.675	137032.5	9.427
	EPA SAMPLE NO.						
01	PB164444BL	132330	6.89	518019	8.17	298114	9.92
02	PB164444BS	127868	6.89	495282	8.18	281323	9.93
03	PB164393TB	128211	6.89	508163	8.17	288600	9.92
04	PB164444BL	122619	6.89	482544	8.17	271379	9.92
05	BP-F-21	103291	6.89	399133	8.17	225640	9.92
06	BP-F-20	105972	6.89	413518	8.17	227492	9.92
07	BP-F-19	115048	6.89	443599	8.17	249467	9.92
08	BP-F-18	113132	6.89	442120	8.17	247403	9.92
09	WB-305-BOT	112580	6.89	438516	8.17	246067	9.92
10	WB-305-BOT-1	111257	6.89	441878	8.17	245603	9.92
11	WC-1	110919	6.89	439693	8.17	243777	9.92
12	WC-2	119936	6.89	464995	8.17	262804	9.92
13	WC-3	118123	6.89	460658	8.17	259211	9.92
14	GRAVEL-1	112228	6.89	429354	8.17	239508	9.92
15	GRAVEL-2	120346	6.89	474587	8.17	268007	9.92
16	VNJ-215	121273	6.89	468722	8.17	261868	9.92
17	VNJ-215MS	113612	6.89	441889	8.17	241647	9.93
18	VNJ-215MSD	111820	6.89	432287	8.17	236921	9.93
19	WC-1	133695	6.89	512924	8.17	279317	9.92
20	GRAVEL-2	121315	6.89	437968	8.17	202704	9.92
21	TR-05-102524	113960	6.89	424930	8.17	198982	9.92
22	HD-01-102524	107808	6.89	365780	8.17	165505	9.92
23	PL-02-102424	97803	6.89	326504	8.17	151348	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF140075.D Time Analyzed: 20:23

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	132517	6.892	497360	8.18	274065	9.93
UPPER LIMIT	265034	7.392	994720	8.675	548130	10.427
LOWER LIMIT	66258.5	6.392	248680	7.675	137032.5	9.427
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.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:01

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	663459	11.416	345800	14.051	365076	15.527
	UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
	LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
	EPA SAMPLE NO.						
01	PB164444BL	550598	11.41	341644	14.05	261224	15.53
02	PB164444BS	511374	11.42	262593	14.05	265684	15.53
03	PB164393TB	536321	11.41	334195	14.05	261975	15.53
04	PB164444BL	481831	11.41	230845	14.05	282080	15.53
05	BP-F-21	384007	11.41	191608	14.05	237181	15.53
06	BP-F-20	389316	11.41	199247	14.05	233774	15.53
07	BP-F-19	438252	11.41	217651	14.05	264867	15.53
08	BP-F-18	435938	11.41	213605	14.05	242121	15.53
09	WB-305-BOT	437262	11.41	219498	14.05	258448	15.53
10	WB-305-BOT-1	437798	11.41	215751	14.05	230540	15.53
11	WC-1	428643	11.41	214541	14.05	247245	15.53
12	WC-2	468622	11.41	233916	14.05	268349	15.53
13	WC-3	459072	11.41	226192	14.05	266702	15.53
14	GRAVEL-1	421419	11.41	205778	14.05	249633	15.53
15	GRAVEL-2	470500	11.41	230763	14.05	263125	15.53
16	VNJ-215	455970	11.41	227734	14.05	257940	15.53
17	VNJ-215MS	409717	11.41	203129	14.05	263019	15.53
18	VNJ-215MSD	398949	11.41	204155	14.05	256308	15.53
19	WC-1	435403	11.41	260745	14.05	287923	15.53
20	GRAVEL-2	274935 *	11.41	211748	14.07	189769	15.55
21	TR-05-102524	299549 *	11.41	224511	14.05	182388 *	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 19:55

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	663459	11.416	345800	14.051	365076	15.527
UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
EPA SAMPLE NO.						
22 HD-01-102524	280135 *	11.41	196985	14.05	157680 *	15.53
23 PL-02-102424	272341 *	11.41	184056	14.05	153389 *	15.53

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.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF140075.D Time Analyzed: 10:01

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	494703	11.416	250901	14.051	263501	15.527
	UPPER LIMIT	989406	11.916	501802	14.551	527002	16.027
	LOWER LIMIT	247351.5	10.916	125450.5	13.551	131750.5	15.027
	EPA SAMPLE NO.						
01	PB164444BL	550598	11.41	341644	14.05	261224	15.53
02	PB164444BS	511374	11.42	262593	14.05	265684	15.53
03	PB164393TB	536321	11.41	334195	14.05	261975	15.53
04	PB164444BL	481831	11.41	230845	14.05	282080	15.53
05	BP-F-21	384007	11.41	191608	14.05	237181	15.53
06	BP-F-20	389316	11.41	199247	14.05	233774	15.53
07	BP-F-19	438252	11.41	217651	14.05	264867	15.53
08	BP-F-18	435938	11.41	213605	14.05	242121	15.53
09	WB-305-BOT	437262	11.41	219498	14.05	258448	15.53
10	WB-305-BOT-1	437798	11.41	215751	14.05	230540	15.53
11	WC-1	428643	11.41	214541	14.05	247245	15.53
12	WC-2	468622	11.41	233916	14.05	268349	15.53
13	WC-3	459072	11.41	226192	14.05	266702	15.53
14	GRAVEL-1	421419	11.41	205778	14.05	249633	15.53
15	GRAVEL-2	470500	11.41	230763	14.05	263125	15.53
16	VNJ-215	455970	11.41	227734	14.05	257940	15.53
17	VNJ-215MS	409717	11.41	203129	14.05	263019	15.53
18	VNJ-215MSD	398949	11.41	204155	14.05	256308	15.53
19	WC-1	435403	11.41	260745	14.05	287923	15.53
20	GRAVEL-2	274935	11.41	211748	14.07	189769	15.55
21	TR-05-102524	299549	11.41	224511	14.05	182388	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102824 SAS No.: BF102824 SDG NO.: BF102824

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BF140075.D Time Analyzed: 19:55

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	494703	11.416	250901	14.051	263501	15.527
UPPER LIMIT	989406	11.916	501802	14.551	527002	16.027
LOWER LIMIT	247351.5	10.916	125450.5	13.551	131750.5	15.027
EPA SAMPLE NO.						
22 HD-01-102524	280135	11.41	196985	14.05	157680	15.53
23 PL-02-102424	272341	11.41	184056	14.05	153389	15.53

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.: **BF102824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164444BS	n-Nitrosodimethylamine	50	41.5	ug/L	83				55	108	
	Pyridine	50	38.6	ug/L	77				29	97	
	Benzaldehyde	50	12.6	ug/L	25				10	162	
	Aniline	50	38.7	ug/L	77				10	130	
	Phenol	50	44.1	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	43.8	ug/L	88				62	103	
	2-Chlorophenol	50	45.6	ug/L	91				70	117	
	1,2-Dichlorobenzene	50	44.7	ug/L	89				72	102	
	1,3-Dichlorobenzene	50	42.7	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	43.7	ug/L	87				76	103	
	Benzyl Alcohol	50	46.2	ug/L	92				36	93	
	2-Methylphenol	50	44.4	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.2	ug/L	86				65	100	
	Acetophenone	50	43.9	ug/L	88				60	104	
	3+4-Methylphenols	50	43	ug/L	86				67	106	
	N-Nitroso-di-n-propylamine	50	43.9	ug/L	88				57	107	
	Hexachloroethane	50	44.2	ug/L	88				76	118	
	Nitrobenzene	50	43.5	ug/L	87				58	106	
	Isophorone	50	45.6	ug/L	91				61	102	
	2-Nitrophenol	50	51.1	ug/L	102				70	115	
	2,4-Dimethylphenol	50	52	ug/L	104				42	142	
	bis(2-Chloroethoxy)methane	50	44.4	ug/L	89				58	109	
	2,4-Dichlorophenol	50	45.4	ug/L	91				66	115	
	1,2,4-Trichlorobenzene	50	43.3	ug/L	87				41	115	
	Benzoic acid	50	40.3	ug/L	81				10	125	
	Naphthalene	50	44.1	ug/L	88				64	107	
	4-Chloroaniline	50	18.3	ug/L	37				10	85	
	Hexachlorobutadiene	50	44.9	ug/L	90				69	101	
	Caprolactam	50	46.2	ug/L	92				58	128	
	4-Chloro-3-methylphenol	50	46	ug/L	92				65	114	
	2-Methylnaphthalene	50	45.6	ug/L	91				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	45.9	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	43.9	ug/L	88				72	98	
	2-Chloronaphthalene	50	43	ug/L	86				59	106	
	2-Nitroaniline	50	49.1	ug/L	98				73	114	
	Dimethylphthalate	50	45.9	ug/L	92				64	103	
	Acenaphthylene	50	47.7	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	47.4	ug/L	95				64	110	
	3-Nitroaniline	50	28.1	ug/L	56				28	100	
	Acenaphthene	50	49.9	ug/L	100				59	113	
	Total PAH	800	751.3	ug/L	94				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164444BS	4-Nitrophenol	100	95.2	ug/L	95				45	147	
	Dibenzofuran	50	44.8	ug/L	90				65	106	
	2,4-Dinitrotoluene	50	52.4	ug/L	105				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	99.8	ug/L	100				60	115	
	Diethylphthalate	50	46	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	45.3	ug/L	91				61	104	
	Fluorene	50	45.2	ug/L	90				64	107	
	4-Nitroaniline	50	49	ug/L	98				55	125	
	4,6-Dinitro-2-methylphenol	50	60.6	ug/L	121				62	132	
	N-Nitrosodiphenylamine	50	44.5	ug/L	89				61	109	
	Azobenzene	50	44.2	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50	45.2	ug/L	90				73	103	
	Hexachlorobenzene	50	45	ug/L	90				73	106	
	Atrazine	50	54.1	ug/L	108				76	120	
	Pentachlorophenol	100	89.7	ug/L	90				47	114	
	Phenanthrene	50	44.5	ug/L	89				62	109	
	Anthracene	50	47	ug/L	94				65	110	
	Carbazole	50	43.5	ug/L	87				62	106	
	Di-n-butylphthalate	50	46.1	ug/L	92				64	106	
	Fluoranthene	50	44	ug/L	88				64	110	
	Benzidine	100	55.1	ug/L	55				10	94	
	Pyrene	50	46.6	ug/L	93				71	103	
	Butylbenzylphthalate	50	52.1	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	32.5	ug/L	65				43	108	
	Benzo(a)anthracene	50	48.2	ug/L	96				62	107	
	Chrysene	50	46.9	ug/L	94				61	108	
	bis(2-Ethylhexyl)phthalate	50	56.1	ug/L	112		*		59	110	
	Di-n-octyl phthalate	50	49.7	ug/L	99				52	139	
	Benzo(b)fluoranthene	50	43.6	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	51	ug/L	102				77	105	
	Benzo(a)pyrene	50	50.6	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.1	ug/L	98				72	105	
	Dibenz(a,h)anthracene	50	47.7	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89				72	101	
	1,4-Dioxane	50	35.7	ug/L	71				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.9	ug/L	98				63	116	
	1-Methylnaphthalene	50	43.6	ug/L	87				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164444BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102824

SAS No.: BF102824 SDG NO.: BF102824

Lab File ID: BF140079.D

Lab Sample ID: PB164444BL

Instrument ID: BNA_F

Date Extracted: 10/26/2024

Matrix: (soil/water) water

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 11:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164444BS	PB164444BS	BF140077.D	10/28/2024
PB164393TB	PB164393TB	BF140078.D	10/28/2024
BP-F-21	P4547-04	BF140080.D	10/28/2024
BP-F-20	P4547-08	BF140081.D	10/28/2024
BP-F-19	P4561-04	BF140082.D	10/28/2024
BP-F-18	P4561-08	BF140083.D	10/28/2024
WB-305-BOT	P4578-06	BF140084.D	10/28/2024
WB-305-BOT-1	P4578-08	BF140085.D	10/28/2024
WC-1	P4567-04	BF140086.D	10/28/2024
WC-2	P4567-08	BF140087.D	10/28/2024
WC-3	P4567-12	BF140088.D	10/28/2024
GRAVEL-1	P4574-03	BF140089.D	10/28/2024
GRAVEL-2	P4574-06	BF140090.D	10/28/2024
VNJ-215	P4545-02	BF140091.D	10/28/2024
VNJ-215MS	P4545-02MS	BF140092.D	10/28/2024
VNJ-215MSD	P4545-02MSD	BF140093.D	10/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102824

SAS No.: BF102824 SDG NO.: BF102824

Lab File ID: BF140094.D

Lab Sample ID: P4567-01

Instrument ID: BNA_F

Date Extracted: 10/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 18:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-1	P4567-01	BF140094.D	10/28/2024
GRAVEL-2	P4574-04	BF140095.D	10/28/2024
TR-05-102524	P4577-01	BF140096.D	10/28/2024
HD-01-102524	P4566-01	BF140097.D	10/28/2024
PL-02-102424	P4575-01	BF140098.D	10/28/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4545-02MS		Client Sample ID: VNJ-215MS		DataFile: BF140092.D							
n-Nitrosodimethylamine	500		420	ug/L	84				10	130	
Pyridine	500		230	ug/L	46				10	109	
Benzaldehyde	500		90.2	ug/L	18				10	137	
Aniline	500		200	ug/L	40				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		470	ug/L	94				29	141	
2-Chlorophenol	500		500	ug/L	100				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		420	ug/L	84				65	106	
1,4-Dichlorobenzene	500		430	ug/L	86				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	
2-Methylphenol	500		490	ug/L	98				37	126	
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92				36	141	
Acetophenone	500		470	ug/L	94				31	164	
3+4-Methylphenols	500		480	ug/L	96				31	127	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		420	ug/L	84				49	110	
Nitrobenzene	500		470	ug/L	94				62	112	
Isophorone	500		510	ug/L	102				39	146	
2-Nitrophenol	500		580	ug/L	116				30	148	
2,4-Dimethylphenol	500		570	ug/L	114				17	143	
bis(2-Chloroethoxy)methane	500		490	ug/L	98				39	143	
2,4-Dichlorophenol	500		510	ug/L	102				22	146	
1,2,4-Trichlorobenzene	500		460	ug/L	92				66	110	
Benzoic acid	500		180	ug/L	36				10	101	
Naphthalene	500		470	ug/L	94				17	157	
4-Chloroaniline	500		170	ug/L	34				10	95	
Hexachlorobutadiene	500		460	ug/L	92				52	125	
Caprolactam	500		420	ug/L	84				10	130	
4-Chloro-3-methylphenol	500		520	ug/L	104				17	148	
2-Methylnaphthalene	500		500	ug/L	100				38	146	
Hexachlorocyclopentadiene	1000		1600	ug/L	160	*			20	153	
2,4,6-Trichlorophenol	500		550	ug/L	110				78	112	
2,4,5-Trichlorophenol	500		540	ug/L	108				71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		500	ug/L	100				41	145	
2-Nitroaniline	500		580	ug/L	116				39	151	
Dimethylphthalate	500		550	ug/L	110				42	147	
Acenaphthylene	500		550	ug/L	110				40	141	
2,6-Dinitrotoluene	500		550	ug/L	110				43	148	
3-Nitroaniline	500		390	ug/L	78				10	111	
Acenaphthene	500		520	ug/L	104				37	146	
Total PAH	8000		8230	ug/L	103				37	146	
2,4-Dinitrophenol	1000		480	ug/L	48				14	167	
4-Nitrophenol	1000		990	ug/L	99				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		600	ug/L	120				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1150	ug/L	115				50	142	
Diethylphthalate	500		540	ug/L	108				41	148	
4-Chlorophenyl-phenylether	500		530	ug/L	106				38	149	
Fluorene	500		520	ug/L	104				39	144	
4-Nitroaniline	500		530	ug/L	106				27	138	
4,6-Dinitro-2-methylphenol	500		360	ug/L	72				32	175	
N-Nitrosodiphenylamine	500		550	ug/L	110				40	150	
Azobenzene	500		520	ug/L	104				72	112	
4-Bromophenyl-phenylether	500		550	ug/L	110				42	151	
Hexachlorobenzene	500		540	ug/L	108				72	115	
Atrazine	500		640	ug/L	128				20	162	
Pentachlorophenol	1000		780	ug/L	78				25	139	
Phenanthrene	500		530	ug/L	106				40	147	
Anthracene	500		550	ug/L	110				41	146	
Carbazole	500		500	ug/L	100				37	154	
Di-n-butylphthalate	500		550	ug/L	110				40	151	
Fluoranthene	500		470	ug/L	94				42	146	
Benzidine	1000		53	ug/L	5	*			10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		650	ug/L	130				39	155	
3,3-Dichlorobenzidine	500		480	ug/L	96				10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		580	ug/L	116				44	144	
bis(2-Ethylhexyl)phthalate	500		760	ug/L	152				33	160	
Di-n-octyl phthalate	500		730	ug/L	146				36	158	
Benzo(b)fluoranthene	500		520	ug/L	104				40	150	
Benzo(k)fluoranthene	500		570	ug/L	114				40	147	
Benzo(a)pyrene	500		590	ug/L	118				42	147	
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92				30	166	
Dibenz(a,h)anthracene	500		460	ug/L	92				23	172	
Benzo(g,h,i)perylene	500		380	ug/L	76				27	167	
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102				89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	
1-Methylnaphthalene	500		470	ug/L	94				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4545-02MSD		Client Sample ID: VNJ-215MSD		DataFile: BF140093.D							
n-Nitrosodimethylamine	500		430	ug/L	86		2		10	130	20
Pyridine	500		250	ug/L	50		8		10	109	20
Benzaldehyde	500		86.4	ug/L	17		6		10	137	20
Aniline	500		210	ug/L	42		5		10	130	20
Phenol	500		470	ug/L	94		2		10	130	20
bis(2-Chloroethyl)ether	500		480	ug/L	96		2		29	141	20
2-Chlorophenol	500		510	ug/L	102		2		23	127	20
1,2-Dichlorobenzene	500		460	ug/L	92		2		61	114	20
1,3-Dichlorobenzene	500		430	ug/L	86		2		65	106	20
1,4-Dichlorobenzene	500		440	ug/L	88		2		55	125	20
Benzyl Alcohol	500		510	ug/L	102	*	2		31	94	20
2-Methylphenol	500		500	ug/L	100		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		0		36	141	20
Acetophenone	500		480	ug/L	96		2		31	164	20
3+4-Methylphenols	500		500	ug/L	100		4		31	127	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		2		36	147	20
Hexachloroethane	500		430	ug/L	86		2		49	110	20
Nitrobenzene	500		470	ug/L	94		0		62	112	20
Isophorone	500		510	ug/L	102		0		39	146	20
2-Nitrophenol	500		590	ug/L	118		2		30	148	20
2,4-Dimethylphenol	500		590	ug/L	118		3		17	143	20
bis(2-Chloroethoxy)methane	500		500	ug/L	100		2		39	143	20
2,4-Dichlorophenol	500		520	ug/L	104		2		22	146	20
1,2,4-Trichlorobenzene	500		460	ug/L	92		0		66	110	20
Benzoic acid	500		260	ug/L	52		36	*	10	101	20
Naphthalene	500		480	ug/L	96		2		17	157	20
4-Chloroaniline	500		200	ug/L	40		16		10	95	20
Hexachlorobutadiene	500		460	ug/L	92		0		52	125	20
Caprolactam	500		440	ug/L	88		5		10	130	20
4-Chloro-3-methylphenol	500		540	ug/L	108		4		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		2		38	146	20
Hexachlorocyclopentadiene	1000		1600	ug/L	160	*	0		20	153	20
2,4,6-Trichlorophenol	500		560	ug/L	112		2		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		0		71	111	20
1,1-Biphenyl	500		520	ug/L	104		2		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		2		41	145	20
2-Nitroaniline	500		600	ug/L	120		3		39	151	20
Dimethylphthalate	500		560	ug/L	112		2		42	147	20
Acenaphthylene	500		560	ug/L	112		2		40	141	20
2,6-Dinitrotoluene	500		560	ug/L	112		2		43	148	20
3-Nitroaniline	500		390	ug/L	78		0		10	111	20
Acenaphthene	500		540	ug/L	108		4		37	146	20
Total PAH	8000		8380	ug/L	105		2		37	146	20
2,4-Dinitrophenol	1000		520	ug/L	52		8		14	167	20
4-Nitrophenol	1000		1000	ug/L	100		1		10	130	20
Dibenzofuran	500		530	ug/L	106		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		610	ug/L	122		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1170	ug/L	117		2		50	142	20
Diethylphthalate	500		550	ug/L	110		2		41	148	20
4-Chlorophenyl-phenylether	500		550	ug/L	110		4		38	149	20
Fluorene	500		540	ug/L	108		4		39	144	20
4-Nitroaniline	500		540	ug/L	108		2		27	138	20
4,6-Dinitro-2-methylphenol	500		410	ug/L	82		13		32	175	20
N-Nitrosodiphenylamine	500		560	ug/L	112		2		40	150	20
Azobenzene	500		520	ug/L	104		0		72	112	20
4-Bromophenyl-phenylether	500		560	ug/L	112		2		42	151	20
Hexachlorobenzene	500		560	ug/L	112		4		72	115	20
Atrazine	500		650	ug/L	130		2		20	162	20
Pentachlorophenol	1000		850	ug/L	85		9		25	139	20
Phenanthrene	500		550	ug/L	110		4		40	147	20
Anthracene	500		570	ug/L	114		4		41	146	20
Carbazole	500		510	ug/L	102		2		37	154	20
Di-n-butylphthalate	500		560	ug/L	112		2		40	151	20
Fluoranthene	500		480	ug/L	96		2		42	146	20
Benzidine	1000		82	ug/L	8	*	46	*	10	130	20
Pyrene	500		500	ug/L	100		2		41	149	20
Butylbenzylphthalate	500		640	ug/L	128		2		39	155	20
3,3-Dichlorobenzidine	500		490	ug/L	98		2		10	114	20
Benzo(a)anthracene	500		560	ug/L	112		2		41	147	20
Chrysene	500		580	ug/L	116		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		760	ug/L	152		0		33	160	20
Di-n-octyl phthalate	500		730	ug/L	146		0		36	158	20
Benzo(b)fluoranthene	500		550	ug/L	110		6		40	150	20
Benzo(k)fluoranthene	500		580	ug/L	116		2		40	147	20
Benzo(a)pyrene	500		610	ug/L	122		3		42	147	20
Indeno(1,2,3-cd)pyrene	500		450	ug/L	90		2		30	166	20
Dibenz(a,h)anthracene	500		460	ug/L	92		0		23	172	20
Benzo(g,h,i)perylene	500		370	ug/L	74		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	2		89	102	20
1,4-Dioxane	500		390	ug/L	78		5		38	130	20
2,3,4,6-Tetrachlorophenol	500		560	ug/L	112	*	4		91	111	20
1-Methylnaphthalene	500		490	ug/L	98		4		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF102824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4545-02	VNJ-215	BF140091.D	2-Fluorophenol	150	126.12	84		10	139
			Phenol-d6	150	118.35	79		10	134
			Nitrobenzene-d5	100	95.44	95		49	133
			2-Fluorobiphenyl	100	90.12	90		52	132
			2,4,6-Tribromophenol	150	143.83	96		44	137
			Terphenyl-d14	100	103.68	104		48	125
P4545-02MS	VNJ-215MS	BF140092.D	2-Fluorophenol	150	134.73	90		10	139
			Phenol-d6	150	128.59	86		10	134
			Nitrobenzene-d5	100	103.07	103		49	133
			2-Fluorobiphenyl	100	98.81	99		52	132
			2,4,6-Tribromophenol	150	158.70	106		44	137
			Terphenyl-d14	100	104.78	105		48	125
P4545-02MSD	VNJ-215MSD	BF140093.D	2-Fluorophenol	150	136.37	91		10	139
			Phenol-d6	150	131.78	88		10	134
			Nitrobenzene-d5	100	105.13	105		49	133
			2-Fluorobiphenyl	100	100.70	101		52	132
			2,4,6-Tribromophenol	150	161.66	108		44	137
			Terphenyl-d14	100	105.26	105		48	125
P4547-04	BP-F-21	BF140080.D	2-Fluorophenol	150	138.04	92		10	139
			Phenol-d6	150	131.69	88		10	134
			Nitrobenzene-d5	100	104.19	104		49	133
			2-Fluorobiphenyl	100	97.39	97		52	132
			2,4,6-Tribromophenol	150	163.39	109		44	137
			Terphenyl-d14	100	108.05	108		48	125
P4547-08	BP-F-20	BF140081.D	2-Fluorophenol	150	138.12	92		10	139
			Phenol-d6	150	131.16	87		10	134
			Nitrobenzene-d5	100	106.51	107		49	133
			2-Fluorobiphenyl	100	103.84	104		52	132
			2,4,6-Tribromophenol	150	163.94	109		44	137
			Terphenyl-d14	100	107.32	107		48	125
P4561-04	BP-F-19	BF140082.D	2-Fluorophenol	150	122.37	82		10	139
			Phenol-d6	150	111.48	74		10	134
			Nitrobenzene-d5	100	102.11	102		49	133
			2-Fluorobiphenyl	100	98.65	99		52	132
			2,4,6-Tribromophenol	150	155.10	103		44	137
			Terphenyl-d14	100	109.40	109		48	125
P4561-08	BP-F-18	BF140083.D	2-Fluorophenol	150	129.45	86		10	139
			Phenol-d6	150	118.63	79		10	134
			Nitrobenzene-d5	100	103.49	103		49	133
			2-Fluorobiphenyl	100	99.59	100		52	132
			2,4,6-Tribromophenol	150	159.63	106		44	137
			Terphenyl-d14	100	107.62	108		48	125
P4567-04	WC-1	BF140086.D	2-Fluorophenol	150	126.70	84		10	139
			Phenol-d6	150	115.45	77		10	134
			Nitrobenzene-d5	100	100.20	100		49	133
			2-Fluorobiphenyl	100	97.00	97		52	132
			2,4,6-Tribromophenol	150	155.63	104		44	137
			Terphenyl-d14	100	107.32	107		48	125
P4567-08	WC-2	BF140087.D	2-Fluorophenol	150	121.54	81		10	139

Surrogate Summary

SW-846

SDG No.: **BF102824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4567-08	WC-2	BF140087.D	Phenol-d6	150	110.07	73		10	134
			Nitrobenzene-d5	100	99.53	100		49	133
			2-Fluorobiphenyl	100	94.37	94		52	132
			2,4,6-Tribromophenol	150	152.12	101		44	137
			Terphenyl-d14	100	110.53	111		48	125
P4567-12	WC-3	BF140088.D	2-Fluorophenol	150	121.23	81		10	139
			Phenol-d6	150	108.77	73		10	134
			Nitrobenzene-d5	100	99.13	99		49	133
			2-Fluorobiphenyl	100	95.01	95		52	132
			2,4,6-Tribromophenol	150	153.50	102		44	137
P4574-03	GRAVEL-1	BF140089.D	Terphenyl-d14	100	110.89	111		48	125
			2-Fluorophenol	150	110.28	74		10	139
			Phenol-d6	150	98.87	66		10	134
			Nitrobenzene-d5	100	93.49	93		49	133
			2-Fluorobiphenyl	100	91.40	91		52	132
P4574-06	GRAVEL-2	BF140090.D	2,4,6-Tribromophenol	150	141.12	94		44	137
			Terphenyl-d14	100	105.38	105		48	125
			2-Fluorophenol	150	117.90	79		10	139
			Phenol-d6	150	108.46	72		10	134
			Nitrobenzene-d5	100	93.39	93		49	133
P4578-06	WB-305-BOT	BF140084.D	2-Fluorobiphenyl	100	89.66	90		52	132
			2,4,6-Tribromophenol	150	136.85	91		44	137
			Terphenyl-d14	100	101.67	102		48	125
			2-Fluorophenol	150	130.50	87		10	139
			Phenol-d6	150	119.80	80		10	134
P4578-08	WB-305-BOT-1	BF140085.D	Nitrobenzene-d5	100	105.49	105		49	133
			2-Fluorobiphenyl	100	100.79	101		52	132
			2,4,6-Tribromophenol	150	159.50	106		44	137
			Terphenyl-d14	100	110.56	111		48	125
			2-Fluorophenol	150	121.45	81		10	139
PB164393TB	PB164393TB	BF140078.D	Phenol-d6	150	112.29	75		10	134
			Nitrobenzene-d5	100	96.41	96		49	133
			2-Fluorobiphenyl	100	93.79	94		52	132
			2,4,6-Tribromophenol	150	147.37	98		44	137
			Terphenyl-d14	100	102.24	102		48	125
PB164444BL	PB164444BL	BF140076.D	2-Fluorophenol	150	122.29	82		10	139
			Phenol-d6	150	119.22	79		10	134
			Nitrobenzene-d5	100	92.20	92		49	133
			2-Fluorobiphenyl	100	87.86	88		52	132
			2,4,6-Tribromophenol	150	136.58	91		44	137
		BF140079.D	Terphenyl-d14	100	88.82	89		48	125
			2-Fluorophenol	150	120.17	80		10	139
			2-Fluorophenol	150	119.87	80		10	139
			Phenol-d6	150	116.28	78		10	134
			Phenol-d6	150	113.72	76		10	134
PB164444BL	PB164444BL	BF140076.D	Nitrobenzene-d5	100	90.94	91		49	133
			Nitrobenzene-d5	100	89.60	90		49	133
			2-Fluorobiphenyl	100	86.24	86		52	132
			2-Fluorobiphenyl	100	87.12	87		52	132
			2-Fluorobiphenyl	100	87.12	87		52	132

Surrogate Summary

SW-846

SDG No.: BF102824

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164444BL	PB164444BL	BF140076.D	2,4,6-Tribromophenol	150	132.76	89		44	137
		BF140079.D	2,4,6-Tribromophenol	150	125.79	84		44	137
		BF140076.D	Terphenyl-d14	100	89.13	89		48	125
		BF140079.D	Terphenyl-d14	100	96.15	96		48	125
PB164444BS	PB164444BS	BF140077.D	2-Fluorophenol	150	120.41	80		10	139
			Phenol-d6	150	118.03	79		10	134
			Nitrobenzene-d5	100	92.59	93		49	133
			2-Fluorobiphenyl	100	87.25	87		52	132
			2,4,6-Tribromophenol	150	141.40	94		44	137
			Terphenyl-d14	100	95.74	96		48	125

Surrogate Summary

SW-846

SDG No.: **BF102824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4566-01	HD-01-102524	BF140097.D	2-Fluorophenol	150	84.49	56		18	112
			Phenol-d6	150	78.06	52		15	107
			Nitrobenzene-d5	100	65.59	66		18	107
			2-Fluorobiphenyl	100	82.97	83		20	109
			2,4,6-Tribromophenol	150	83.32	56		10	116
			Terphenyl-d14	100	70.19	70		10	105
P4567-01	WC-1	BF140094.D	2-Fluorophenol	150	69.64	46		18	112
			Phenol-d6	150	69.78	47		15	107
			Nitrobenzene-d5	100	53.52	54		18	107
			2-Fluorobiphenyl	100	50.51	51		20	109
			2,4,6-Tribromophenol	150	59.86	40		10	116
			Terphenyl-d14	100	39.50	39		10	105
P4574-04	GRAVEL-2	BF140095.D	2-Fluorophenol	150	72.70	48		18	112
			Phenol-d6	150	69.93	47		15	107
			Nitrobenzene-d5	100	58.84	59		18	107
			2-Fluorobiphenyl	100	64.98	65		20	109
			2,4,6-Tribromophenol	150	71.82	48		10	116
			Terphenyl-d14	100	44.59	45		10	105
P4575-01	PL-02-102424	BF140098.D	2-Fluorophenol	150	67.92	45		18	112
			Phenol-d6	150	62.14	41		15	107
			Nitrobenzene-d5	100	51.17	51		18	107
			2-Fluorobiphenyl	100	61.58	62		20	109
			2,4,6-Tribromophenol	150	67.99	45		10	116
			Terphenyl-d14	100	56.63	57		10	105
P4577-01	TR-05-102524	BF140096.D	2-Fluorophenol	150	83.17	55		18	112
			Phenol-d6	150	80.66	54		15	107
			Nitrobenzene-d5	100	65.74	66		18	107
			2-Fluorobiphenyl	100	72.45	72		20	109
			2,4,6-Tribromophenol	150	75.77	51		10	116
			Terphenyl-d14	100	55.95	56		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102824

Lab Code: CHEM

SAS No.: BF102824 SDG NO.: BF102824

Lab File ID: BF140074.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140075.D	10/28/2024	09:32
PB164444BL	PB164444BL	BF140076.D	10/28/2024	10:01
PB164444BS	PB164444BS	BF140077.D	10/28/2024	10:29
PB164393TB	PB164393TB	BF140078.D	10/28/2024	10:58
PB164444BL	PB164444BL	BF140079.D	10/28/2024	11:31
BP-F-21	P4547-04	BF140080.D	10/28/2024	11:59
BP-F-20	P4547-08	BF140081.D	10/28/2024	12:27
BP-F-19	P4561-04	BF140082.D	10/28/2024	12:55
BP-F-18	P4561-08	BF140083.D	10/28/2024	13:23
WB-305-BOT	P4578-06	BF140084.D	10/28/2024	13:51
WB-305-BOT-1	P4578-08	BF140085.D	10/28/2024	14:19
WC-1	P4567-04	BF140086.D	10/28/2024	14:47
WC-2	P4567-08	BF140087.D	10/28/2024	15:15
WC-3	P4567-12	BF140088.D	10/28/2024	15:43
GRAVEL-1	P4574-03	BF140089.D	10/28/2024	16:11
GRAVEL-2	P4574-06	BF140090.D	10/28/2024	16:39
VNJ-215	P4545-02	BF140091.D	10/28/2024	17:07
VNJ-215MS	P4545-02MS	BF140092.D	10/28/2024	17:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102824

Lab Code: CHEM

SAS No.: BF102824

SDG NO.: BF102824

Lab File ID: BF140074.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VNJ-215MSD	P4545-02MSD	BF140093.D	10/28/2024	18:03
WC-1	P4567-01	BF140094.D	10/28/2024	18:31
GRAVEL-2	P4574-04	BF140095.D	10/28/2024	18:59
TR-05-102524	P4577-01	BF140096.D	10/28/2024	19:27
HD-01-102524	P4566-01	BF140097.D	10/28/2024	19:55
PL-02-102424	P4575-01	BF140098.D	10/28/2024	20:23