

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG No.: BF101024
Instrument ID: BNA_F Calibration Date/Time: 10/10/2024 : 10:35
Lab File ID: BF139737.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	0.794	0.732		-7.809	
Pyridine	1.213	1.182		-2.556	
2-Fluorophenol	1.154	1.104		-4.333	
Benzaldehyde	0.822	0.864		5.109	
Aniline	1.377	1.228		-10.821	
Phenol-d6	1.552	1.495		-3.673	
Phenol	1.632	1.579		-3.248	20.0
bis(2-Chloroethyl) ether	1.329	1.202		-9.556	
2-Chlorophenol	1.236	1.197		-3.155	
1,2-Dichlorobenzene	1.320	1.243		-5.833	
1,3-Dichlorobenzene	1.391	1.317		-5.32	
1,4-Dichlorobenzene	1.409	1.340		-4.897	20.0
Benzyl Alcohol	1.186	1.126		-5.059	
2-Methylphenol	1.032	0.989		-4.167	
2,2-oxybis(1-Chloropropane)	2.300	2.140		-6.957	
Acetophenone	0.475	0.449		-5.474	
3+4-Methylphenols	1.296	1.249		-3.627	
n-Nitroso-di-n-propylamine	0.998	0.948	0.050	-5.01	
Nitrobenzene-d5	0.395	0.373		-5.57	
Hexachloroethane	0.525	0.507		-3.429	
Nitrobenzene	0.409	0.392		-4.156	
Isophorone	0.702	0.678		-3.419	
2-Nitrophenol	0.176	0.179		1.705	20.0
2,4-Dimethylphenol	0.215	0.209		-2.791	
bis(2-Chloroethoxy) methane	0.419	0.406		-3.103	
2,4-Dichlorophenol	0.281	0.277		-1.423	20.0
1,2,4-Trichlorobenzene	0.318	0.306		-3.774	
Benzoic acid	0.214	0.233		8.879	
Naphthalene	1.023	0.984		-3.812	
4-Chloroaniline	0.346	0.319		-7.803	
Hexachlorobutadiene	0.205	0.194		-5.366	20.0
Caprolactam	0.092	0.094		2.174	
4-Chloro-3-methylphenol	0.318	0.308		-3.145	20.0
2-Methylnaphthalene	0.666	0.634		-4.805	
Hexachlorocyclopentadiene	0.170	0.133	0.050	-21.765	
2,4,6-Trichlorophenol	0.374	0.347		-7.219	20.0
2-Fluorobiphenyl	1.303	1.195		-8.289	
2,4,5-Trichlorophenol	0.404	0.386		-4.455	
1,1-Biphenyl	1.488	1.397		-6.116	

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Lab File ID: BF139737.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
2-Chloronaphthalene	1.115	1.064		-4.574	
2-Nitroaniline	0.400	0.383		-4.25	
Dimethylphthalate	1.309	1.280		-2.215	
Acenaphthylene	1.696	1.597		-5.837	
2,6-Dinitrotoluene	0.296	0.289		-2.365	
3-Nitroaniline	0.302	0.288		-4.636	
Acenaphthene	1.164	1.098		-5.67	20.0
2,4-Dinitrophenol	0.159	0.166	0.050	4.403	
4-Nitrophenol	0.230	0.215	0.050	-6.522	
Dibenzofuran	1.630	1.531		-6.074	
2,4-Dinitrotoluene	0.387	0.373		-3.618	
Diethylphthalate	1.352	1.312		-2.959	
4-Chlorophenyl-phenylether	0.650	0.608		-6.462	
Fluorene	1.298	1.228		-5.393	
4-Nitroaniline	0.309	0.297		-3.883	
4,6-Dinitro-2-methylphenol	0.113	0.114		0.885	
n-Nitrosodiphenylamine	0.590	0.557		-5.593	20.0
Azobenzene	1.360	1.279		-5.956	
2,4,6-Tribromophenol	0.193	0.183		-5.181	
4-Bromophenyl-phenylether	0.205	0.197		-3.902	
Hexachlorobenzene	0.228	0.218		-4.386	
Atrazine	0.158	0.144		-8.861	
Pentachlorophenol	0.135	0.123		-8.889	20.0
Phenanthrene	0.943	0.897		-4.878	
Anthracene	0.933	0.879		-5.788	
Carbazole	0.896	0.854		-4.688	
Di-n-butylphthalate	1.090	1.077		-1.193	
Fluoranthene	1.031	0.962		-6.693	20.0
Benzidine	0.353	0.442		25.212	
Pyrene	1.789	1.856		3.745	
Terphenyl-d14	1.219	1.240		1.723	
Butylbenzylphthalate	0.640	0.700		9.375	
3,3-Dichlorobenzidine	0.402	0.394		-1.99	
Benzo(a)anthracene	1.315	1.265		-3.802	
Chrysene	1.202	1.167		-2.912	
Bis(2-ethylhexyl)phthalate	0.799	0.903		13.016	
Di-n-octyl phthalate	1.174	1.272		8.348	20.0
Benzo(b)fluoranthene	1.293	1.280		-1.005	
Benzo(k)fluoranthene	1.097	0.933		-14.95	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG No.: BF101024

Instrument ID: BNA_F Calibration Date/Time: 10/10/2024 : 10:35

Lab File ID: BF139737.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	1.020	0.981		-3.824	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.251		6.287	
Dibenzo(a,h)anthracene	0.976	1.041		6.66	
Benzo(g,h,i)perylene	0.979	1.052		7.457	
1,2,4,5-Tetrachlorobenzene	0.555	0.519		-6.486	
1,4-Dioxane	0.499	0.469		-6.012	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.296		-9.202	
1-Methylnaphthalene	0.651	0.620		-4.762	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BL	SDG No.:	BF101024
Lab Sample ID:	PB164011BL	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
BF139738.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BL	SDG No.:	BF101024
Lab Sample ID:	PB164011BL	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
BF139738.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BL	SDG No.:	BF101024
Lab Sample ID:	PB164011BL	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
BF139738.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	127.83		10-139		85	SPK: -150
13127-88-3	Phenol-d6	123.539		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	83.317		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.621		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BL	SDG No.:	BF101024
Lab Sample ID:	PB164011BL	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
BF139738.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.058		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	77.274		48-125		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113971	6.869				
1146-65-2	Naphthalene-d8	437153	8.145				
15067-26-2	Acenaphthene-d10	256984	9.904				
1517-22-2	Phenanthrene-d10	521320	11.392				
1719-03-5	Chrysene-d12	375941	14.033				
1520-96-3	Perylene-d12	293210	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4.6	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.9	A			5.11	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BS	SDG No.:	BF101024
Lab Sample ID:	PB164011BS	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
BF139739.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44		1	8	10	ug/L
110-86-1	Pyridine	43.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	21.7		4	8	10	ug/L
62-53-3	Aniline	47.4		1.6	4	5	ug/L
108-95-2	Phenol	47.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	48.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.3		1.4	4	5	ug/L
98-86-2	Acetophenone	45		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.2		1	4	5	ug/L
98-95-3	Nitrobenzene	43.2		1.3	4	5	ug/L
78-59-1	Isophorone	46.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43		1.1	4	5	ug/L
65-85-0	Benzoic acid	46.8		5.5	8	10	ug/L
91-20-3	Naphthalene	44.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	22		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BS	SDG No.:	BF101024
Lab Sample ID:	PB164011BS	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
BF139739.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.9		0.81	4	5	ug/L
Total PAH	Total PAH	761.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	99.2	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	89.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	45.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.8		0.98	4	5	ug/L
86-73-7	Fluorene	44		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.7		0.89	4	5	ug/L
103-33-3	Azobenzene	44.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	43.5		1.1	4	5	ug/L
1912-24-9	Atrazine	58		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BS	SDG No.:	BF101024
Lab Sample ID:	PB164011BS	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
BF139739.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.6		0.89	4	5	ug/L
120-12-7	Anthracene	47.5		1.1	4	5	ug/L
86-74-8	Carbazole	45.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	47.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	45		1.3	4	5	ug/L
92-87-5	Benzidine	81.5	E	4.1	8	10	ug/L
129-00-0	Pyrene	49		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.4		0.94	4	5	ug/L
218-01-9	Chrysene	47.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	40		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.744		10-139		90	SPK: -150
13127-88-3	Phenol-d6	133.374		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	89.222		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.906		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164011BS	SDG No.:	BF101024
Lab Sample ID:	PB164011BS	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
BF139739.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.793		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	100.713		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105745	6.869				
1146-65-2	Naphthalene-d8	410277	8.151				
15067-26-2	Acenaphthene-d10	246554	9.91				
1517-22-2	Phenanthrene-d10	472713	11.398				
1719-03-5	Chrysene-d12	254740	14.039				
1520-96-3	Perylene-d12	208551	15.51				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163981TB	SDG No.:	BF101024
Lab Sample ID:	PB163981TB	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
BF139740.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163981TB	SDG No.:	BF101024
Lab Sample ID:	PB163981TB	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
BF139740.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163981TB	SDG No.:	BF101024
Lab Sample ID:	PB163981TB	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
BF139740.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	142.812		10-139		95	SPK: -150
13127-88-3	Phenol-d6	142.599		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	95.713		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	92.441		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163981TB	SDG No.:	BF101024
Lab Sample ID:	PB163981TB	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
BF139740.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.833		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	88.079		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98706	6.869				
1146-65-2	Naphthalene-d8	376881	8.145				
15067-26-2	Acenaphthene-d10	219818	9.904				
1517-22-2	Phenanthrene-d10	455639	11.392				
1719-03-5	Chrysene-d12	320536	14.033				
1520-96-3	Perylene-d12	248487	15.504				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-3	SDG No.:	BF101024
Lab Sample ID:	P4340-08	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
BF139741.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-3	SDG No.:	BF101024
Lab Sample ID:	P4340-08	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
BF139741.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-3	SDG No.:	BF101024
Lab Sample ID:	P4340-08	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
BF139741.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	600		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	125.371		10-139		84	SPK: -150
13127-88-3	Phenol-d6	113.252		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	92.472		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.544		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-3	SDG No.:	BF101024
Lab Sample ID:	P4340-08	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
BF139741.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.095		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	81.727		48-125		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81182	6.869				
1146-65-2	Naphthalene-d8	304829	8.145				
15067-26-2	Acenaphthene-d10	162499	9.904				
1517-22-2	Phenanthrene-d10	287458	11.386				
1719-03-5	Chrysene-d12	168792	14.027				
1520-96-3	Perylene-d12	168324	15.504				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101024
Lab Sample ID:	P4353-06	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
BF139742.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101024
Lab Sample ID:	P4353-06	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
BF139742.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101024
Lab Sample ID:	P4353-06	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
BF139742.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	136.25		10-139		91	SPK: -150
13127-88-3	Phenol-d6	122.169		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	100.601		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	102.218		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101024
Lab Sample ID:	P4353-06	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
BF139742.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.663		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	96.98		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81580	6.869				
1146-65-2	Naphthalene-d8	307522	8.145				
15067-26-2	Acenaphthene-d10	167546	9.904				
1517-22-2	Phenanthrene-d10	302047	11.386				
1719-03-5	Chrysene-d12	171150	14.027				
1520-96-3	Perylene-d12	171860	15.504				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOIL	SDG No.:	BF101024
Lab Sample ID:	P4359-02	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
BF139743.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOIL	SDG No.:	BF101024
Lab Sample ID:	P4359-02	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
BF139743.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOIL	SDG No.:	BF101024
Lab Sample ID:	P4359-02	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
BF139743.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	145.55		10-139		97	SPK: -150
13127-88-3	Phenol-d6	133.166		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	103.065		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	108.325		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOIL	SDG No.:	BF101024
Lab Sample ID:	P4359-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139743.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.464		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	90.505		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77682	6.869				
1146-65-2	Naphthalene-d8	290641	8.145				
15067-26-2	Acenaphthene-d10	152660	9.904				
1517-22-2	Phenanthrene-d10	252437	11.386				
1719-03-5	Chrysene-d12	164224	14.027				
1520-96-3	Perylene-d12	171238	15.504				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7	SDG No.:	BF101024
Lab Sample ID:	P4340-04	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
BF139744.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	31.3	J	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	26.1	J	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:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7	SDG No.:	BF101024
Lab Sample ID:	P4340-04	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
BF139744.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7	SDG No.:	BF101024
Lab Sample ID:	P4340-04	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
BF139744.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	127.971		10-139		85	SPK: -150
13127-88-3	Phenol-d6	113.44		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	95.03		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	94.163		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7	SDG No.:	BF101024
Lab Sample ID:	P4340-04	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
BF139744.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.072		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	87.647		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79835	6.869				
1146-65-2	Naphthalene-d8	298273	8.145				
15067-26-2	Acenaphthene-d10	165062	9.904				
1517-22-2	Phenanthrene-d10	286061	11.386				
1719-03-5	Chrysene-d12	167873	14.027				
1520-96-3	Perylene-d12	172959	15.504				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MS	SDG No.:	BF101024
Lab Sample ID:	P4340-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139745.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510		10.3	80	100	ug/L
110-86-1	Pyridine	420		15.5	40	50	ug/L
100-52-7	Benzaldehyde	96.1	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	480		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	520		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	470		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	650		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	480		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	65.1		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	470		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MS	SDG No.:	BF101024
Lab Sample ID:	P4340-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139745.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	510		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	8200		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	950	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	920	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	540		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	530		11.4	40	50	ug/L
1912-24-9	Atrazine	590		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MS	SDG No.:	BF101024
Lab Sample ID:	P4340-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139745.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	560		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	540		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	160		40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	550		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	540		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	630		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	570		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	480		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	480		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	410		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	470		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	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.654		10-139		88	SPK: -150
13127-88-3	Phenol-d6	123.394		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	94.233		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.232		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MS	SDG No.:	BF101024
Lab Sample ID:	P4340-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139745.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.175		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	89.112		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82244	6.869				
1146-65-2	Naphthalene-d8	310062	8.151				
15067-26-2	Acenaphthene-d10	171673	9.904				
1517-22-2	Phenanthrene-d10	292411	11.392				
1719-03-5	Chrysene-d12	165333	14.033				
1520-96-3	Perylene-d12	171587	15.504				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MSD	SDG No.:	BF101024
Lab Sample ID:	P4340-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139746.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500		10.3	80	100	ug/L
110-86-1	Pyridine	410		15.5	40	50	ug/L
100-52-7	Benzaldehyde	100		40	80	100	ug/L
62-53-3	Aniline	220		16	40	50	ug/L
108-95-2	Phenol	480		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	490		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	490		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	510		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	510		14.8	25	25	ug/L
67-72-1	Hexachloroethane	470		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	650		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	470		11	40	50	ug/L
65-85-0	Benzoic acid	490		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	68.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	470		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MSD	SDG No.:	BF101024
Lab Sample ID:	P4340-04MSD	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
BF139746.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

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	500		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		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	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	520		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	190		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	7990		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	930	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	860	E	20	80	100	ug/L
132-64-9	Dibenzofuran	510		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	490		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		27.6	40	100	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	490		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	430		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	500		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	550		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		11.4	40	50	ug/L
1912-24-9	Atrazine	600		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MSD	SDG No.:	BF101024
Lab Sample ID:	P4340-04MSD	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
BF139746.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	950	E	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	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	230		40.7	80	100	ug/L
129-00-0	Pyrene	440		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	490		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	390		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	610		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	550		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	390		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	480		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.96		10-139		89	SPK: -150
13127-88-3	Phenol-d6	123.614		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	92.687		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	92.156		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	1B-7MSD	SDG No.:	BF101024
Lab Sample ID:	P4340-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139746.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.873		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	82.681		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80643	6.869				
1146-65-2	Naphthalene-d8	308129	8.151				
15067-26-2	Acenaphthene-d10	168907	9.904				
1517-22-2	Phenanthrene-d10	277070	11.392				
1719-03-5	Chrysene-d12	166363	14.033				
1520-96-3	Perylene-d12	173917	15.504				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1RE	SDG No.:	BF101024
Lab Sample ID:	P4356-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139747.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163997

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	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1RE	SDG No.:	BF101024
Lab Sample ID:	P4356-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139747.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163997

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	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	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	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1RE	SDG No.:	BF101024
Lab Sample ID:	P4356-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139747.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	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	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.289		18-112		47	SPK: -150
13127-88-3	Phenol-d6	84.611		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	63.649		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	68.785		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1RE	SDG No.:	BF101024
Lab Sample ID:	P4356-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139747.D	1	10/9/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	43.666		10-116		29	SPK: -150
1718-51-0	Terphenyl-d14	55.314		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75097	6.863				
1146-65-2	Naphthalene-d8	282971	8.145				
15067-26-2	Acenaphthene-d10	146294	9.904				
1517-22-2	Phenanthrene-d10	230374	11.386				
1719-03-5	Chrysene-d12	163525	14.027				
1520-96-3	Perylene-d12	175716	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101024
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139748.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	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	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	55.9	U	55.9	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	45.3	U	45.3	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101024
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139748.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101024
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139748.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	49.8	U	49.8	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	47.7	U	47.7	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	64.007		18-112		43	SPK: -150
13127-88-3	Phenol-d6	68.729		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	52.636		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	58.173		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101024
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139748.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	46.51		10-116		31	SPK: -150
1718-51-0	Terphenyl-d14	47.806		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77185	6.863				
1146-65-2	Naphthalene-d8	281550	8.145				
15067-26-2	Acenaphthene-d10	147744	9.904				
1517-22-2	Phenanthrene-d10	242183	11.386				
1719-03-5	Chrysene-d12	163873	14.027				
1520-96-3	Perylene-d12	171333	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-2	SDG No.:	BF101024
Lab Sample ID:	P4375-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139749.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-2	SDG No.:	BF101024
Lab Sample ID:	P4375-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139749.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	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	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-2	SDG No.:	BF101024
Lab Sample ID:	P4375-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139749.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	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	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.601		18-112		53	SPK: -150
13127-88-3	Phenol-d6	82.544		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59.519		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.971		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-2	SDG No.:	BF101024
Lab Sample ID:	P4375-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139749.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.554		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	58.122		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80869	6.863				
1146-65-2	Naphthalene-d8	313323	8.145				
15067-26-2	Acenaphthene-d10	172083	9.898				
1517-22-2	Phenanthrene-d10	294849	11.386				
1719-03-5	Chrysene-d12	161709	14.027				
1520-96-3	Perylene-d12	171938	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-3	SDG No.:	BF101024
Lab Sample ID:	P4375-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139750.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-3	SDG No.:	BF101024
Lab Sample ID:	P4375-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139750.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-3	SDG No.:	BF101024
Lab Sample ID:	P4375-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139750.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	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	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	51.584		18-112		34	SPK: -150
13127-88-3	Phenol-d6	69.875		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	59.363		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	62.154		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-3	SDG No.:	BF101024
Lab Sample ID:	P4375-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139750.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	29.26		10-116		20	SPK: -150
1718-51-0	Terphenyl-d14	57.817		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77865	6.863				
1146-65-2	Naphthalene-d8	291977	8.145				
15067-26-2	Acenaphthene-d10	159225	9.898				
1517-22-2	Phenanthrene-d10	275198	11.386				
1719-03-5	Chrysene-d12	160112	14.027				
1520-96-3	Perylene-d12	168695	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-4	SDG No.:	BF101024
Lab Sample ID:	P4375-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139751.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-4	SDG No.:	BF101024
Lab Sample ID:	P4375-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139751.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-4	SDG No.:	BF101024
Lab Sample ID:	P4375-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139751.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	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	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	34.112		18-112		23	SPK: -150
13127-88-3	Phenol-d6	40.895		15-107		27	SPK: -150
4165-60-0	Nitrobenzene-d5	39.169		18-107		39	SPK: -100
321-60-8	2-Fluorobiphenyl	42.255		20-109		42	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-4	SDG No.:	BF101024
Lab Sample ID:	P4375-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139751.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	25.946		10-116		17	SPK: -150
1718-51-0	Terphenyl-d14	40.841		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75954	6.863				
1146-65-2	Naphthalene-d8	282310	8.145				
15067-26-2	Acenaphthene-d10	155780	9.898				
1517-22-2	Phenanthrene-d10	280469	11.386				
1719-03-5	Chrysene-d12	157267	14.027				
1520-96-3	Perylene-d12	164991	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101024
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139752.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	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	45.3	U	45.3	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101024
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139752.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	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	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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	51.3	U	51.3	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	51	U	51	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101024
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139752.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.4	U	50.4	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	49.8	U	49.8	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	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	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	55.8	U	55.8	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	43.314		18-112		29	SPK: -150
13127-88-3	Phenol-d6	52.762		15-107		35	SPK: -150
4165-60-0	Nitrobenzene-d5	40.259		18-107		40	SPK: -100
321-60-8	2-Fluorobiphenyl	45.433		20-109		45	SPK: -100



Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101024
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139752.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	27.5		10-116		18	SPK: -150
1718-51-0	Terphenyl-d14	35.218		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68059	6.863				
1146-65-2	Naphthalene-d8	251519	8.145				
15067-26-2	Acenaphthene-d10	130001	9.898				
1517-22-2	Phenanthrene-d10	198967	11.386				
1719-03-5	Chrysene-d12	145201	14.027				
1520-96-3	Perylene-d12	153959	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101024
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139753.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	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	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	55.9	U	55.9	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	45.3	U	45.3	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101024
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139753.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	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
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101024
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139753.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	49.8	U	49.8	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	47.7	U	47.7	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	91.414		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.339		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	64.272		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	71.305		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101024
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139753.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.498		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	60.395		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73447	6.863				
1146-65-2	Naphthalene-d8	275951	8.145				
15067-26-2	Acenaphthene-d10	143950	9.898				
1517-22-2	Phenanthrene-d10	237759	11.386				
1719-03-5	Chrysene-d12	154954	14.027				
1520-96-3	Perylene-d12	165217	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-7	SDG No.:	BF101024
Lab Sample ID:	P4375-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139754.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	U	58	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-7	SDG No.:	BF101024
Lab Sample ID:	P4375-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139754.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	48.9	U	48.9	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	49.8	U	49.8	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	793.7	U	793.7	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)	101.4	U	101.4	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-7	SDG No.:	BF101024
Lab Sample ID:	P4375-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139754.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	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	48.3	U	48.3	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	48.6	U	48.6	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	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.72		18-112		64	SPK: -150
13127-88-3	Phenol-d6	97.011		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	65.633		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	69.274		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-7	SDG No.:	BF101024
Lab Sample ID:	P4375-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139754.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.451		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	64.21		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75501	6.863				
1146-65-2	Naphthalene-d8	287426	8.145				
15067-26-2	Acenaphthene-d10	157713	9.898				
1517-22-2	Phenanthrene-d10	275375	11.386				
1719-03-5	Chrysene-d12	157860	14.027				
1520-96-3	Perylene-d12	163953	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-8	SDG No.:	BF101024
Lab Sample ID:	P4375-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139755.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	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	45.3	U	45.3	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-8	SDG No.:	BF101024
Lab Sample ID:	P4375-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139755.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	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	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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	51.3	U	51.3	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	51	U	51	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-8	SDG No.:	BF101024
Lab Sample ID:	P4375-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139755.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.4	U	50.4	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	49.8	U	49.8	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	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	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	55.8	U	55.8	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	38.442		18-112		26	SPK: -150
13127-88-3	Phenol-d6	43.589		15-107		29	SPK: -150
4165-60-0	Nitrobenzene-d5	30.839		18-107		31	SPK: -100
321-60-8	2-Fluorobiphenyl	34.783		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-8	SDG No.:	BF101024
Lab Sample ID:	P4375-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139755.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	26.739		10-116		18	SPK: -150
1718-51-0	Terphenyl-d14	31.295		10-105		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71307	6.863				
1146-65-2	Naphthalene-d8	269668	8.145				
15067-26-2	Acenaphthene-d10	146785	9.898				
1517-22-2	Phenanthrene-d10	247241	11.386				
1719-03-5	Chrysene-d12	141950	14.027				
1520-96-3	Perylene-d12	151897	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-9	SDG No.:	BF101024
Lab Sample ID:	P4375-17	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
BF139756.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-9	SDG No.:	BF101024
Lab Sample ID:	P4375-17	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
BF139756.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	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
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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-9	SDG No.:	BF101024
Lab Sample ID:	P4375-17	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
BF139756.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	73.703		18-112		49	SPK: -150
13127-88-3	Phenol-d6	81.722		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	59.227		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	63.315		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-9	SDG No.:	BF101024
Lab Sample ID:	P4375-17	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
BF139756.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.241		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	60.712		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73852	6.863				
1146-65-2	Naphthalene-d8	279591	8.145				
15067-26-2	Acenaphthene-d10	153732	9.898				
1517-22-2	Phenanthrene-d10	267436	11.386				
1719-03-5	Chrysene-d12	151911	14.027				
1520-96-3	Perylene-d12	160794	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-10	SDG No.:	BF101024
Lab Sample ID:	P4375-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139757.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	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	24.2	U	24.2	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	55.9	U	55.9	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-10	SDG No.:	BF101024
Lab Sample ID:	P4375-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139757.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	53.5	U	53.5	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-10	SDG No.:	BF101024
Lab Sample ID:	P4375-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139757.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	47.648		18-112		32	SPK: -150
13127-88-3	Phenol-d6	67.21		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	60.552		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	69.237		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-10	SDG No.:	BF101024
Lab Sample ID:	P4375-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139757.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	25.987		10-116		17	SPK: -150
1718-51-0	Terphenyl-d14	43.058		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67742	6.863				
1146-65-2	Naphthalene-d8	240260	8.145				
15067-26-2	Acenaphthene-d10	110453	9.898				
1517-22-2	Phenanthrene-d10	156818	11.392				
1719-03-5	Chrysene-d12	139320	14.039				
1520-96-3	Perylene-d12	153715	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101024
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139758.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	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	45.3	U	45.3	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	140	U	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101024
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139758.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	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	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	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
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	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	51.3	U	51.3	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	51	U	51	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101024
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139758.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

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	50.4	U	50.4	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	49.8	U	49.8	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	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	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	55.8	U	55.8	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	77.34		18-112		52	SPK: -150
13127-88-3	Phenol-d6	87.679		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	63.863		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	69.005		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101024
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139758.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.955		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	57.659		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71943	6.863				
1146-65-2	Naphthalene-d8	268320	8.145				
15067-26-2	Acenaphthene-d10	145044	9.898				
1517-22-2	Phenanthrene-d10	235737	11.386				
1719-03-5	Chrysene-d12	156758	14.027				
1520-96-3	Perylene-d12	165137	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-1	SDG No.:	BF101024
Lab Sample ID:	P4375-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139759.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-1	SDG No.:	BF101024
Lab Sample ID:	P4375-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139759.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-1	SDG No.:	BF101024
Lab Sample ID:	P4375-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139759.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	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	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.646		18-112		43	SPK: -150
13127-88-3	Phenol-d6	78.252		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	60.111		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	63.628		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-1	SDG No.:	BF101024
Lab Sample ID:	P4375-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139759.D	1	10/10/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	45.008		10-116		30	SPK: -150
1718-51-0	Terphenyl-d14	60.588		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79316	6.863				
1146-65-2	Naphthalene-d8	299061	8.145				
15067-26-2	Acenaphthene-d10	164727	9.898				
1517-22-2	Phenanthrene-d10	289828	11.386				
1719-03-5	Chrysene-d12	159058	14.027				
1520-96-3	Perylene-d12	169305	15.504				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6638			SDG No.:	BF101024		
Lab Sample ID:	SP6638			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139760.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000	U	1000	8000	10000	ug/L
110-86-1	Pyridine	1600	U	1600	4000	5000	ug/L
100-52-7	Benzaldehyde	4000	U	4000	8000	10000	ug/L
62-53-3	Aniline	1600	U	1600	4000	5000	ug/L
108-95-2	Phenol	930	U	930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	1200	U	1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	710	U	710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	880	U	880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	800	U	800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	840	U	840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	1600	U	1600	8000	10000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	4000	5000	ug/L
98-86-2	Acetophenone	1100	U	1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	1200	U	1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1500	U	1500	2500	2500	ug/L
67-72-1	Hexachloroethane	1000	U	1000	4000	5000	ug/L
98-95-3	Nitrobenzene	1300	U	1300	4000	5000	ug/L
78-59-1	Isophorone	1100	U	1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	2000	U	2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	1500	U	1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1000	U	1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	880	U	880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	1100	U	1100	4000	5000	ug/L
65-85-0	Benzoic acid	5500	U	5500	8000	10000	ug/L
91-20-3	Naphthalene	1000	U	1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	1300	U	1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	1300	U	1300	4000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6638	SDG No.:	BF101024
Lab Sample ID:	SP6638	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 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
BF139760.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700	U	1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	840	U	840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	5000	U	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	890	U	890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	910	U	910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	970	U	970	4000	5000	ug/L
88-74-4	2-Nitroaniline	1400	U	1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	930	U	930	4000	5000	ug/L
208-96-8	Acenaphthylene	1000	U	1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1200	U	1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	1400	U	1400	4000	5000	ug/L
83-32-9	Acenaphthene	810	U	810	4000	5000	ug/L
Total PAH	Total PAH	17360	U	17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	6400	U	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	2000	U	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	930	U	930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2700	U	2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	4000	5000	ug/L
84-66-2	Diethylphthalate	1000	U	1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	980	U	980	4000	5000	ug/L
86-73-7	Fluorene	960	U	960	4000	5000	ug/L
100-01-6	4-Nitroaniline	2000	U	2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3100	U	3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	890	U	890	4000	5000	ug/L
103-33-3	Azobenzene	1200	U	1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	1100	U	1100	4000	5000	ug/L
1912-24-9	Atrazine	1300	U	1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6638			SDG No.:	BF101024		
Lab Sample ID:	SP6638			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139760.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	U	1900	8000	10000	ug/L
85-01-8	Phenanthrene	890	U	890	4000	5000	ug/L
120-12-7	Anthracene	1100	U	1100	4000	5000	ug/L
86-74-8	Carbazole	1200	U	1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	1500	U	1500	4000	5000	ug/L
206-44-0	Fluoranthene	1300	U	1300	4000	5000	ug/L
92-87-5	Benzidine	4100	U	4100	8000	10000	ug/L
129-00-0	Pyrene	1100	U	1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	2100	U	2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1300	U	1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	940	U	940	4000	5000	ug/L
218-01-9	Chrysene	860	U	860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1900	U	1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	2500	U	2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1200	U	1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	1700	U	1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	1300	U	1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	860	U	860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150954	*	10-139		100636	SPK: -150
13127-88-3	Phenol-d6	145677	*	10-134		97118	SPK: -150
4165-60-0	Nitrobenzene-d5	95289	*	49-133		95289	SPK: -100
321-60-8	2-Fluorobiphenyl	96071	*	52-132		96071	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6638			SDG No.:	BF101024		
Lab Sample ID:	SP6638			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139760.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133266	*	44-137		88844	SPK: -150
1718-51-0	Terphenyl-d14	98444	*	48-125		98444	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80871	6.863				
1146-65-2	Naphthalene-d8	315403	8.145				
15067-26-2	Acenaphthene-d10	176404	9.898				
1517-22-2	Phenanthrene-d10	324448	11.386				
1719-03-5	Chrysene-d12	174947	14.027				
1520-96-3	Perylene-d12	176647	15.504				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6639			SDG No.:	BF101024		
Lab Sample ID:	SP6639			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139761.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000	U	1000	8000	10000	ug/L
110-86-1	Pyridine	1600	U	1600	4000	5000	ug/L
100-52-7	Benzaldehyde	4000	U	4000	8000	10000	ug/L
62-53-3	Aniline	1600	U	1600	4000	5000	ug/L
108-95-2	Phenol	930	U	930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	1200	U	1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	710	U	710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	880	U	880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	800	U	800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	840	U	840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	1600	U	1600	8000	10000	ug/L
95-48-7	2-Methylphenol	1100	U	1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	4000	5000	ug/L
98-86-2	Acetophenone	1100	U	1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	1200	U	1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1500	U	1500	2500	2500	ug/L
67-72-1	Hexachloroethane	1000	U	1000	4000	5000	ug/L
98-95-3	Nitrobenzene	1300	U	1300	4000	5000	ug/L
78-59-1	Isophorone	1100	U	1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	2000	U	2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	1500	U	1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1000	U	1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	880	U	880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	1100	U	1100	4000	5000	ug/L
65-85-0	Benzoic acid	5500	U	5500	8000	10000	ug/L
91-20-3	Naphthalene	1000	U	1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	1300	U	1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	1300	U	1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6639			SDG No.:	BF101024		
Lab Sample ID:	SP6639			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139761.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700	U	1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	840	U	840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	5000	U	5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	890	U	890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	910	U	910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	970	U	970	4000	5000	ug/L
88-74-4	2-Nitroaniline	1400	U	1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	930	U	930	4000	5000	ug/L
208-96-8	Acenaphthylene	1000	U	1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1200	U	1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	1400	U	1400	4000	5000	ug/L
83-32-9	Acenaphthene	810	U	810	4000	5000	ug/L
Total PAH	Total PAH	17360	U	17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	6400	U	6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	2000	U	2000	8000	10000	ug/L
132-64-9	Dibenzofuran	930	U	930	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2700	U	2700	4000	10000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	4000	5000	ug/L
84-66-2	Diethylphthalate	1000	U	1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	980	U	980	4000	5000	ug/L
86-73-7	Fluorene	960	U	960	4000	5000	ug/L
100-01-6	4-Nitroaniline	2000	U	2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3100	U	3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	890	U	890	4000	5000	ug/L
103-33-3	Azobenzene	1200	U	1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	1100	U	1100	4000	5000	ug/L
1912-24-9	Atrazine	1300	U	1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6639			SDG No.:	BF101024		
Lab Sample ID:	SP6639			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139761.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	U	1900	8000	10000	ug/L
85-01-8	Phenanthrene	890	U	890	4000	5000	ug/L
120-12-7	Anthracene	1100	U	1100	4000	5000	ug/L
86-74-8	Carbazole	1200	U	1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	1500	U	1500	4000	5000	ug/L
206-44-0	Fluoranthene	1300	U	1300	4000	5000	ug/L
92-87-5	Benzidine	4100	U	4100	8000	10000	ug/L
129-00-0	Pyrene	1100	U	1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	2100	U	2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1300	U	1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	940	U	940	4000	5000	ug/L
218-01-9	Chrysene	860	U	860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1900	U	1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	2500	U	2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1200	U	1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	1700	U	1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	1300	U	1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	860	U	860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110694	*	10-139		73796	SPK: -150
13127-88-3	Phenol-d6	105570	*	10-134		70380	SPK: -150
4165-60-0	Nitrobenzene-d5	103673	*	49-133		103673	SPK: -100
321-60-8	2-Fluorobiphenyl	104640	*	52-132		104640	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6639			SDG No.:	BF101024		
Lab Sample ID:	SP6639			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139761.D	1		10/10/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97761	*	44-137		65174	SPK: -150
1718-51-0	Terphenyl-d14	100106	*	48-125		100106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78973	6.863				
1146-65-2	Naphthalene-d8	299610	8.145				
15067-26-2	Acenaphthene-d10	167665	9.898				
1517-22-2	Phenanthrene-d10	311891	11.386				
1719-03-5	Chrysene-d12	175824	14.027				
1520-96-3	Perylene-d12	173454	15.504				



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

Hit Summary Sheet SW-846

SDG No.: BF101024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 1B-7								
P4340-04	1B-7	water	2,4-Dimethylphenol	26.100	J	15.1	50	ug/L
P4340-04	1B-7	water	3+4-Methylphenols	31.300	J	11.5	100	ug/L
Total Svoc :				57.40				
Total Concentration:				57.40				
Client ID : 1B-3								
P4340-08	1B-3	water	Benzidine	600.000		40.7	100	ug/L
Total Svoc :				600.00				
Total Concentration:				600.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124

Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100124

SAS No.: BF100124

SDG No.: BF100124

Instrument ID: _____

Calibration Date(s): 10/1/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

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.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis(2-ethylhexyl)phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo(b)fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo(k)fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo(a)pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno(1,2,3-cd)pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo(a,h)anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo(g,h,i)perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 11:04

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	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB164011BL	113971	6.87	437153	8.15	256984	9.90
02	PB164011BS	105745	6.87	410277	8.15	246554	9.91
03	PB163981TB	98706	6.87	376881	8.15	219818	9.90
04	1B-3	81182	6.87	304829	8.15	162499	9.90
05	CF-400-COMP-43	81580	6.87	307522	8.15	167546	9.90
06	EXCAVATION-SOIL	77682	6.87	290641	8.15	152660	9.90
07	1B-7	79835	6.87	298273	8.15	165062	9.90
08	1B-7MS	82244	6.87	310062	8.15	171673	9.90
09	1B-7MSD	80643	6.87	308129	8.15	168907	9.90
10	CONCRETE-1RE	75097	6.86	282971	8.15	146294	9.90
11	CONCRETE-PADS-1	77185	6.86	281550	8.15	147744	9.90
12	CONCRETE-PADS-2	80869	6.86	313323	8.15	172083	9.90
13	CONCRETE-PADS-3	77865	6.86	291977	8.15	159225	9.90
14	CONCRETE-PADS-4	75954	6.86	282310	8.15	155780	9.90
15	CONCRETE-PADS-5	68059	6.86	251519	8.15	130001	9.90
16	CONCRETE-PADS-6	73447	6.86	275951	8.15	143950	9.90
17	CONCRETE-PADS-7	75501	6.86	287426	8.15	157713	9.90
18	CONCRETE-PADS-8	71307	6.86	269668	8.15	146785	9.90
19	CONCRETE-PADS-9	73852	6.86	279591	8.15	153732	9.90
20	CONCRETE-PADS-10	67742	6.86	240260	8.15	110453 *	9.90
21	CONCRETE-PADS-11	71943	6.86	268320	8.15	145044	9.90
22	FENCE-POST-1	79316	6.86	299061	8.15	164727	9.90
23	SP6638	80871	6.86	315403	8.15	176404	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 22:16

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	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
EPA SAMPLE NO.						
24 SP6639	78973	6.86	299610	8.15	167665	9.90

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139737.D Time Analyzed: 11:04

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	129608	6.869	490171	8.15	285157	9.91
	UPPER LIMIT	259216	7.369	980342	8.651	570314	10.41
	LOWER LIMIT	64804	6.369	245085.5	7.651	142578.5	9.41
	EPA SAMPLE NO.						
01	PB164011BL	113971	6.87	437153	8.15	256984	9.90
02	PB164011BS	105745	6.87	410277	8.15	246554	9.91
03	PB163981TB	98706	6.87	376881	8.15	219818	9.90
04	1B-3	81182	6.87	304829	8.15	162499	9.90
05	CF-400-COMP-43	81580	6.87	307522	8.15	167546	9.90
06	EXCAVATION-SOIL	77682	6.87	290641	8.15	152660	9.90
07	1B-7	79835	6.87	298273	8.15	165062	9.90
08	1B-7MS	82244	6.87	310062	8.15	171673	9.90
09	1B-7MSD	80643	6.87	308129	8.15	168907	9.90
10	CONCRETE-1RE	75097	6.86	282971	8.15	146294	9.90
11	CONCRETE-PADS-1	77185	6.86	281550	8.15	147744	9.90
12	CONCRETE-PADS-2	80869	6.86	313323	8.15	172083	9.90
13	CONCRETE-PADS-3	77865	6.86	291977	8.15	159225	9.90
14	CONCRETE-PADS-4	75954	6.86	282310	8.15	155780	9.90
15	CONCRETE-PADS-5	68059	6.86	251519	8.15	130001 *	9.90
16	CONCRETE-PADS-6	73447	6.86	275951	8.15	143950	9.90
17	CONCRETE-PADS-7	75501	6.86	287426	8.15	157713	9.90
18	CONCRETE-PADS-8	71307	6.86	269668	8.15	146785	9.90
19	CONCRETE-PADS-9	73852	6.86	279591	8.15	153732	9.90
20	CONCRETE-PADS-10	67742	6.86	240260 *	8.15	110453 *	9.90
21	CONCRETE-PADS-11	71943	6.86	268320	8.15	145044	9.90
22	FENCE-POST-1	79316	6.86	299061	8.15	164727	9.90
23	SP6638	80871	6.86	315403	8.15	176404	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139737.D Time Analyzed: 22:16

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	129608	6.869	490171	8.15	285157	9.91
UPPER LIMIT	259216	7.369	980342	8.651	570314	10.41
LOWER LIMIT	64804	6.369	245085.5	7.651	142578.5	9.41
EPA SAMPLE NO.						
24 SP6639	78973	6.86	299610	8.15	167665	9.90

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.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 11:04

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	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB164011BL	521320	11.39	375941	14.03	293210	15.51
02	PB164011BS	472713	11.40	254740	14.04	208551	15.51
03	PB163981TB	455639	11.39	320536	14.03	248487	15.50
04	1B-3	287458	11.39	168792	14.03	168324	15.50
05	CF-400-COMP-43	302047	11.39	171150	14.03	171860	15.50
06	EXCAVATION-SOIL	252437	11.39	164224	14.03	171238	15.50
07	1B-7	286061	11.39	167873	14.03	172959	15.50
08	1B-7MS	292411	11.39	165333	14.03	171587	15.50
09	1B-7MSD	277070	11.39	166363	14.03	173917	15.50
10	CONCRETE-1RE	230374	11.39	163525	14.03	175716	15.50
11	CONCRETE-PADS-1	242183	11.39	163873	14.03	171333	15.50
12	CONCRETE-PADS-2	294849	11.39	161709	14.03	171938	15.50
13	CONCRETE-PADS-3	275198	11.39	160112	14.03	168695	15.50
14	CONCRETE-PADS-4	280469	11.39	157267	14.03	164991	15.50
15	CONCRETE-PADS-5	198967 *	11.39	145201	14.03	153959	15.50
16	CONCRETE-PADS-6	237759	11.39	154954	14.03	165217	15.50
17	CONCRETE-PADS-7	275375	11.39	157860	14.03	163953	15.50
18	CONCRETE-PADS-8	247241	11.39	141950	14.03	151897	15.50
19	CONCRETE-PADS-9	267436	11.39	151911	14.03	160794	15.50
20	CONCRETE-PADS-10	156818 *	11.39	139320	14.04	153715	15.50
21	CONCRETE-PADS-11	235737	11.39	156758	14.03	165137	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 21:18

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	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						
22 FENCE-POST-1	289828	11.39	159058	14.03	169305	15.50
23 SP6638	324448	11.39	174947	14.03	176647	15.50
24 SP6639	311891	11.39	175824	14.03	173454	15.50

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.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139737.D Time Analyzed: 11:04

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	533894	11.398	278833	14.039	239675	15.51
	UPPER LIMIT	1067788	11.898	557666	14.539	479350	16.01
	LOWER LIMIT	266947	10.898	139416.5	13.539	119837.5	15.01
	EPA SAMPLE NO.						
01	PB164011BL	521320	11.39	375941	14.03	293210	15.51
02	PB164011BS	472713	11.40	254740	14.04	208551	15.51
03	PB163981TB	455639	11.39	320536	14.03	248487	15.50
04	1B-3	287458	11.39	168792	14.03	168324	15.50
05	CF-400-COMP-43	302047	11.39	171150	14.03	171860	15.50
06	EXCAVATION-SOIL	252437 *	11.39	164224	14.03	171238	15.50
07	1B-7	286061	11.39	167873	14.03	172959	15.50
08	1B-7MS	292411	11.39	165333	14.03	171587	15.50
09	1B-7MSD	277070	11.39	166363	14.03	173917	15.50
10	CONCRETE-1RE	230374 *	11.39	163525	14.03	175716	15.50
11	CONCRETE-PADS-1	242183 *	11.39	163873	14.03	171333	15.50
12	CONCRETE-PADS-2	294849	11.39	161709	14.03	171938	15.50
13	CONCRETE-PADS-3	275198	11.39	160112	14.03	168695	15.50
14	CONCRETE-PADS-4	280469	11.39	157267	14.03	164991	15.50
15	CONCRETE-PADS-5	198967 *	11.39	145201	14.03	153959	15.50
16	CONCRETE-PADS-6	237759 *	11.39	154954	14.03	165217	15.50
17	CONCRETE-PADS-7	275375	11.39	157860	14.03	163953	15.50
18	CONCRETE-PADS-8	247241 *	11.39	141950	14.03	151897	15.50
19	CONCRETE-PADS-9	267436	11.39	151911	14.03	160794	15.50
20	CONCRETE-PADS-10	156818 *	11.39	139320 *	14.04	153715	15.50
21	CONCRETE-PADS-11	235737 *	11.39	156758	14.03	165137	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101024 SAS No.: BF101024 SDG NO.: BF101024

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BF139737.D Time Analyzed: 21:18

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	533894	11.398	278833	14.039	239675	15.51
UPPER LIMIT	1067788	11.898	557666	14.539	479350	16.01
LOWER LIMIT	266947	10.898	139416.5	13.539	119837.5	15.01
EPA SAMPLE NO.						
22 FENCE-POST-1	289828	11.39	159058	14.03	169305	15.50
23 SP6638	324448	11.39	174947	14.03	176647	15.50
24 SP6639	311891	11.39	175824	14.03	173454	15.50

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.: **BF101024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164011BS	n-Nitrosodimethylamine	50	44	ug/L	88				55	108	
	Pyridine	50	43.3	ug/L	87				29	97	
	Benzaldehyde	50	21.7	ug/L	43				10	162	
	Aniline	50	47.4	ug/L	95				10	130	
	Phenol	50	47.9	ug/L	96				66	118	
	bis(2-Chloroethyl)ether	50	45	ug/L	90				62	103	
	2-Chlorophenol	50	48.5	ug/L	97				70	117	
	1,2-Dichlorobenzene	50	44.9	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	44.2	ug/L	88				71	103	
	1,4-Dichlorobenzene	50	44.3	ug/L	89				76	103	
	Benzyl Alcohol	50	48.7	ug/L	97		*		36	93	
	2-Methylphenol	50	47.2	ug/L	94				69	109	
	2,2-oxybis(1-Chloropropane)	50	46.3	ug/L	93				65	100	
	Acetophenone	50	45	ug/L	90				60	104	
	3+4-Methylphenols	50	47.3	ug/L	95				67	106	
	N-Nitroso-di-n-propylamine	50	45.9	ug/L	92				57	107	
	Hexachloroethane	50	44.2	ug/L	88				76	118	
	Nitrobenzene	50	43.2	ug/L	86				58	106	
	Isophorone	50	46.8	ug/L	94				61	102	
	2-Nitrophenol	50	48.4	ug/L	97				70	115	
	2,4-Dimethylphenol	50	57.4	ug/L	115				42	142	
	bis(2-Chloroethoxy)methane	50	45.9	ug/L	92				58	109	
	2,4-Dichlorophenol	50	47.7	ug/L	95				66	115	
	1,2,4-Trichlorobenzene	50	43	ug/L	86				41	115	
	Benzoic acid	50	46.8	ug/L	94				10	125	
	Naphthalene	50	44.4	ug/L	89				64	107	
	4-Chloroaniline	50	22	ug/L	44				10	85	
	Hexachlorobutadiene	50	42.8	ug/L	86				69	101	
	Caprolactam	50	49.3	ug/L	99				58	128	
	4-Chloro-3-methylphenol	50	47.3	ug/L	95				65	114	
	2-Methylnaphthalene	50	46.3	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	44.6	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	43.6	ug/L	87				70	106	
	1,1-Biphenyl	50	43.2	ug/L	86				72	98	
	2-Chloronaphthalene	50	42.6	ug/L	85				59	106	
	2-Nitroaniline	50	45.1	ug/L	90				73	114	
	Dimethylphthalate	50	46.3	ug/L	93				64	103	
	Acenaphthylene	50	46.6	ug/L	93				79	103	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				64	110	
	3-Nitroaniline	50	30.2	ug/L	60				28	100	
	Acenaphthene	50	48.9	ug/L	98				59	113	
	Total PAH	800	761.4	ug/L	95				59	113	
	2,4-Dinitrophenol	100	99.2	ug/L	99				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF101024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB164011BS	4-Nitrophenol	100	89.4	ug/L	89				45	147	
	Dibenzofuran	50	44	ug/L	88				65	106	
	2,4-Dinitrotoluene	50	45.4	ug/L	91				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	89.6	ug/L	90				60	115	
	Diethylphthalate	50	45.8	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	43.8	ug/L	88				61	104	
	Fluorene	50	44	ug/L	88				64	107	
	4-Nitroaniline	50	46.5	ug/L	93				55	125	
	4,6-Dinitro-2-methylphenol	50	47.1	ug/L	94				62	132	
	N-Nitrosodiphenylamine	50	45.7	ug/L	91				61	109	
	Azobenzene	50	44.9	ug/L	90				59	106	
	4-Bromophenyl-phenylether	50	43.6	ug/L	87				73	103	
	Hexachlorobenzene	50	43.5	ug/L	87				73	106	
	Atrazine	50	58	ug/L	116				76	120	
	Pentachlorophenol	100	83.3	ug/L	83				47	114	
	Phenanthrene	50	45.6	ug/L	91				62	109	
	Anthracene	50	47.5	ug/L	95				65	110	
	Carbazole	50	45.1	ug/L	90				62	106	
	Di-n-butylphthalate	50	47.5	ug/L	95				64	106	
	Fluoranthene	50	45	ug/L	90				64	110	
	Benzidine	100	81.5	ug/L	82				10	94	
	Pyrene	50	49	ug/L	98				71	103	
	Butylbenzylphthalate	50	53.2	ug/L	106		*		61	105	
	3,3-Dichlorobenzidine	50	34.5	ug/L	69				43	108	
	Benzo(a)anthracene	50	47.4	ug/L	95				62	107	
	Chrysene	50	47.9	ug/L	96				61	108	
	bis(2-Ethylhexyl)phthalate	50	56	ug/L	112		*		59	110	
	Di-n-octyl phthalate	50	52.9	ug/L	106				52	139	
	Benzo(b)fluoranthene	50	42.3	ug/L	85				77	113	
	Benzo(k)fluoranthene	50	49.8	ug/L	100				77	105	
	Benzo(a)pyrene	50	50.1	ug/L	100				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.4	ug/L	105				72	105	
	Dibenz(a,h)anthracene	50	51.9	ug/L	104				78	115	
	Benzo(g,h,i)perylene	50	48.6	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.8	ug/L	86				72	101	
	1,4-Dioxane	50	40	ug/L	80				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.6	ug/L	93				63	116	
	1-Methylnaphthalene	50	43.7	ug/L	87				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6638

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101024

SAS No.: BF101024 SDG NO.: BF101024

Lab File ID: BF139760.D

Lab Sample ID: SP6638

Instrument ID: BNA_F

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 10/10/2024

Level: (low/med) LOW

Time Analyzed: 21:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6638	SP6638	BF139760.D	10/10/2024
SP6639	SP6639	BF139761.D	10/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164011BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101024

SAS No.: BF101024 SDG NO.: BF101024

Lab File ID: BF139738.D

Lab Sample ID: PB164011BL

Instrument ID: BNA_F

Date Extracted: 10/09/2024

Matrix: (soil/water) water

Date Analyzed: 10/10/2024

Level: (low/med) LOW

Time Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164011BS	PB164011BS	BF139739.D	10/10/2024
PB163981TB	PB163981TB	BF139740.D	10/10/2024
1B-3	P4340-08	BF139741.D	10/10/2024
CF-400-COMP-43	P4353-06	BF139742.D	10/10/2024
EXCAVATION-SOIL	P4359-02	BF139743.D	10/10/2024
1B-7	P4340-04	BF139744.D	10/10/2024
1B-7MS	P4340-04MS	BF139745.D	10/10/2024
1B-7MSD	P4340-04MSD	BF139746.D	10/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CONCRETE-PADS-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101024

SAS No.: BF101024 SDG NO.: BF101024

Lab File ID: BF139748.D

Lab Sample ID: P4375-01

Instrument ID: BNA_F

Date Extracted: 10/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/10/2024

Level: (low/med) LOW

Time Analyzed: 16:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CONCRETE-PADS-1	P4375-01	BF139748.D	10/10/2024
CONCRETE-PADS-2	P4375-03	BF139749.D	10/10/2024
CONCRETE-PADS-3	P4375-05	BF139750.D	10/10/2024
CONCRETE-PADS-4	P4375-07	BF139751.D	10/10/2024
CONCRETE-PADS-5	P4375-09	BF139752.D	10/10/2024
CONCRETE-PADS-6	P4375-11	BF139753.D	10/10/2024
CONCRETE-PADS-7	P4375-13	BF139754.D	10/10/2024
CONCRETE-PADS-8	P4375-15	BF139755.D	10/10/2024
CONCRETE-PADS-9	P4375-17	BF139756.D	10/10/2024
CONCRETE-PADS-10	P4375-19	BF139757.D	10/10/2024
CONCRETE-PADS-11	P4375-21	BF139758.D	10/10/2024
FENCE-POST-1	P4375-23	BF139759.D	10/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4340-04MS		Client Sample ID: 1B-7MS		DataFile: BF139745.D							
n-Nitrosodimethylamine	500	31.3	510	ug/L	102				10	130	
Pyridine	500		420	ug/L	84				10	109	
Benzaldehyde	500		96.1	ug/L	19				10	137	
Aniline	500		200	ug/L	40				10	130	
Phenol	500		480	ug/L	96				10	130	
bis(2-Chloroethyl)ether	500		500	ug/L	100				29	141	
2-Chlorophenol	500		530	ug/L	106				23	127	
1,2-Dichlorobenzene	500		500	ug/L	100				61	114	
1,3-Dichlorobenzene	500		490	ug/L	98				65	106	
1,4-Dichlorobenzene	500		490	ug/L	98				55	125	
Benzyl Alcohol	500	26.1	540	ug/L	108	*			31	94	
2-Methylphenol	500		510	ug/L	102				37	126	
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100				36	141	
Acetophenone	500		520	ug/L	104				31	164	
3+4-Methylphenols	500		530	ug/L	100				31	127	
N-Nitroso-di-n-propylamine	500		500	ug/L	100				36	147	
Hexachloroethane	500		470	ug/L	94				49	110	
Nitrobenzene	500		500	ug/L	100				62	112	
Isophorone	500		520	ug/L	104				39	146	
2-Nitrophenol	500		530	ug/L	106				30	148	
2,4-Dimethylphenol	500	26.1	650	ug/L	125				17	143	
bis(2-Chloroethoxy)methane	500		510	ug/L	102				39	143	
2,4-Dichlorophenol	500		530	ug/L	106				22	146	
1,2,4-Trichlorobenzene	500		480	ug/L	96				66	110	
Benzoic acid	500		500	ug/L	100				10	101	
Naphthalene	500		510	ug/L	102				17	157	
4-Chloroaniline	500		65.1	ug/L	13				10	95	
Hexachlorobutadiene	500		470	ug/L	94				52	125	
Caprolactam	500		460	ug/L	92				10	130	
4-Chloro-3-methylphenol	500		510	ug/L	102				17	148	
2-Methylnaphthalene	500	26.1	510	ug/L	102				38	146	
Hexachlorocyclopentadiene	1000		1100	ug/L	110				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500		520	ug/L	104				71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		510	ug/L	102				41	145	
2-Nitroaniline	500		530	ug/L	106				39	151	
Dimethylphthalate	500		530	ug/L	106				42	147	
Acenaphthylene	500		550	ug/L	110				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
3-Nitroaniline	500	26.1	190	ug/L	38				10	111	
Acenaphthene	500		560	ug/L	112				37	146	
Total PAH	8000		8200	ug/L	103				37	146	
2,4-Dinitrophenol	1000		950	ug/L	95				14	167	
4-Nitrophenol	1000		920	ug/L	92				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		520	ug/L	104				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103				50	142	
Diethylphthalate	500		510	ug/L	102				41	148	
4-Chlorophenyl-phenylether	500		490	ug/L	98				38	149	
Fluorene	500		510	ug/L	102				39	144	
4-Nitroaniline	500		460	ug/L	92				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		570	ug/L	114				40	150	
Azobenzene	500		520	ug/L	104				72	112	
4-Bromophenyl-phenylether	500		540	ug/L	108				42	151	
Hexachlorobenzene	500		530	ug/L	106				72	115	
Atrazine	500		590	ug/L	118				20	162	
Pentachlorophenol	1000		1000	ug/L	100				25	139	
Phenanthrene	500		540	ug/L	108				40	147	
Anthracene	500		560	ug/L	112				41	146	
Carbazole	500		510	ug/L	102				37	154	
Di-n-butylphthalate	500		540	ug/L	108				40	151	
Fluoranthene	500		460	ug/L	92				42	146	
Benzydine	1000		160	ug/L	16				10	130	
Pyrene	500		470	ug/L	94				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		370	ug/L	74				10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		520	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	500		540	ug/L	108				33	160	
Di-n-octyl phthalate	500		630	ug/L	126				36	158	
Benzo(b)fluoranthene	500		500	ug/L	100				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		570	ug/L	114				42	147	
Indeno(1,2,3-cd)pyrene	500		480	ug/L	96				30	166	
Dibenz(a,h)anthracene	500		480	ug/L	96				23	172	
Benzo(g,h,i)perylene	500		410	ug/L	82				27	167	
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*			89	102	
1,4-Dioxane	500		470	ug/L	94				38	130	
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	
1-Methylnaphthalene	500		490	ug/L	98				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4340-04MSD		Client Sample ID: 1B-7MSD					DataFile: BF139746.D				
n-Nitrosodimethylamine	500		500	ug/L	100		2		10	130	20
Pyridine	500		410	ug/L	82		2		10	109	20
Benzaldehyde	500		100	ug/L	20		5		10	137	20
Aniline	500		220	ug/L	44		10		10	130	20
Phenol	500		480	ug/L	96		0		10	130	20
bis(2-Chloroethyl)ether	500		500	ug/L	100		0		29	141	20
2-Chlorophenol	500		530	ug/L	106		0		23	127	20
1,2-Dichlorobenzene	500		500	ug/L	100		0		61	114	20
1,3-Dichlorobenzene	500		490	ug/L	98		0		65	106	20
1,4-Dichlorobenzene	500		490	ug/L	98		0		55	125	20
Benzyl Alcohol	500		540	ug/L	108	*	0		31	94	20
2-Methylphenol	500		510	ug/L	102		0		37	126	20
2,2-oxybis(1-Chloropropane)	500		510	ug/L	102		2		36	141	20
Acetophenone	500		510	ug/L	102		2		31	164	20
3+4-Methylphenols	500	31.3	530	ug/L	100		0		31	127	20
N-Nitroso-di-n-propylamine	500		510	ug/L	102		2		36	147	20
Hexachloroethane	500		470	ug/L	94		0		49	110	20
Nitrobenzene	500		490	ug/L	98		2		62	112	20
Isophorone	500		510	ug/L	102		2		39	146	20
2-Nitrophenol	500		530	ug/L	106		0		30	148	20
2,4-Dimethylphenol	500	26.1	650	ug/L	125		0		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		470	ug/L	94		2		66	110	20
Benzoic acid	500		490	ug/L	98		2		10	101	20
Naphthalene	500		510	ug/L	102		0		17	157	20
4-Chloroaniline	500		68.4	ug/L	14		7		10	95	20
Hexachlorobutadiene	500		470	ug/L	94		0		52	125	20
Caprolactam	500		440	ug/L	88		4		10	130	20
4-Chloro-3-methylphenol	500		500	ug/L	100		2		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		0		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		0		20	153	20
2,4,6-Trichlorophenol	500		520	ug/L	104		0		78	112	20
2,4,5-Trichlorophenol	500		510	ug/L	102		2		71	111	20
1,1-Biphenyl	500		510	ug/L	102		0		38	154	20
2-Chloronaphthalene	500		500	ug/L	100		2		41	145	20
2-Nitroaniline	500		510	ug/L	102		4		39	151	20
Dimethylphthalate	500		520	ug/L	104		2		42	147	20
Acenaphthylene	500		540	ug/L	108		2		40	141	20
2,6-Dinitrotoluene	500		490	ug/L	98		4		43	148	20
3-Nitroaniline	500		190	ug/L	38		0		10	111	20
Acenaphthene	500		550	ug/L	110		2		37	146	20
Total PAH	8000		7990	ug/L	100		3		37	146	20
2,4-Dinitrophenol	1000		930	ug/L	93		2		14	167	20
4-Nitrophenol	1000		860	ug/L	86		7		10	130	20
Dibenzofuran	500		510	ug/L	102		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		490	ug/L	98		6		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		980	ug/L	98		5		50	142	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		490	ug/L	98		0		38	149	20
Fluorene	500		490	ug/L	98		4		39	144	20
4-Nitroaniline	500		430	ug/L	86		7		27	138	20
4,6-Dinitro-2-methylphenol	500		510	ug/L	102		0		32	175	20
N-Nitrosodiphenylamine	500		570	ug/L	114		0		40	150	20
Azobenzene	500		500	ug/L	100		4		72	112	20
4-Bromophenyl-phenylether	500		550	ug/L	110		2		42	151	20
Hexachlorobenzene	500		520	ug/L	104		2		72	115	20
Atrazine	500		600	ug/L	120		2		20	162	20
Pentachlorophenol	1000		950	ug/L	95		5		25	139	20
Phenanthrene	500		530	ug/L	106		2		40	147	20
Anthracene	500		550	ug/L	110		2		41	146	20
Carbazole	500		490	ug/L	98		4		37	154	20
Di-n-butylphthalate	500		520	ug/L	104		4		40	151	20
Fluoranthene	500		460	ug/L	92		0		42	146	20
Benzidine	1000		230	ug/L	23		36	*	10	130	20
Pyrene	500		440	ug/L	88		7		41	149	20
Butylbenzylphthalate	500		490	ug/L	98		6		39	155	20
3,3-Dichlorobenzidine	500		390	ug/L	78		5		10	114	20
Benzo(a)anthracene	500		540	ug/L	108		2		41	147	20
Chrysene	500		510	ug/L	102		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102		6		33	160	20
Di-n-octyl phthalate	500		610	ug/L	122		3		36	158	20
Benzo(b)fluoranthene	500		500	ug/L	100		0		40	150	20
Benzo(k)fluoranthene	500		510	ug/L	102		4		40	147	20
Benzo(a)pyrene	500		550	ug/L	110		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92		4		30	166	20
Dibenz(a,h)anthracene	500		460	ug/L	92		4		23	172	20
Benzo(g,h,i)perylene	500		390	ug/L	78		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		2		89	102	20
1,4-Dioxane	500		480	ug/L	96		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102		6		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6638	SP6638	BF139760.D	2-Fluorophenol	150	150,954.00	100636	*	10	139
			Phenol-d6	150	145,677.00	97118	*	10	134
			Nitrobenzene-d5	100	95,289.00	95289	*	49	133
			2-Fluorobiphenyl	100	96,071.00	96071	*	52	132
			2,4,6-Tribromophenol	150	133,266.00	88844	*	44	137
			Terphenyl-d14	100	98,444.00	98444	*	48	125
SP6639	SP6639	BF139761.D	2-Fluorophenol	150	110,694.00	73796	*	10	139
			Phenol-d6	150	105,570.00	70380	*	10	134
			Nitrobenzene-d5	100	103,673.00	103673	*	49	133
			2-Fluorobiphenyl	100	104,640.00	104640	*	52	132
			2,4,6-Tribromophenol	150	97,761.00	65174	*	44	137
			Terphenyl-d14	100	100,106.00	100106	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4356-01RE	CONCRETE-1RE	BF139747.D	2-Fluorophenol	150	70.29	47		18	112
			Phenol-d6	150	84.61	56		15	107
			Nitrobenzene-d5	100	63.65	64		18	107
			2-Fluorobiphenyl	100	68.79	69		20	109
			2,4,6-Tribromophenol	150	43.67	29		10	116
			Terphenyl-d14	100	55.31	55		10	105

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4340-04	1B-7	BF139744.D	2-Fluorophenol	150	127.97	85		10	139
			Phenol-d6	150	113.44	76		10	134
			Nitrobenzene-d5	100	95.03	95		49	133
			2-Fluorobiphenyl	100	94.16	94		52	132
			2,4,6-Tribromophenol	150	133.07	89		44	137
			Terphenyl-d14	100	87.65	88		48	125
P4340-04MS	1B-7MS	BF139745.D	2-Fluorophenol	150	132.65	88		10	139
			Phenol-d6	150	123.39	82		10	134
			Nitrobenzene-d5	100	94.23	94		49	133
			2-Fluorobiphenyl	100	91.23	91		52	132
			2,4,6-Tribromophenol	150	128.18	85		44	137
			Terphenyl-d14	100	89.11	89		48	125
P4340-04MSD	1B-7MSD	BF139746.D	2-Fluorophenol	150	132.96	89		10	139
			Phenol-d6	150	123.61	82		10	134
			Nitrobenzene-d5	100	92.69	93		49	133
			2-Fluorobiphenyl	100	92.16	92		52	132
			2,4,6-Tribromophenol	150	123.87	83		44	137
			Terphenyl-d14	100	82.68	83		48	125
P4340-08	1B-3	BF139741.D	2-Fluorophenol	150	125.37	84		10	139
			Phenol-d6	150	113.25	76		10	134
			Nitrobenzene-d5	100	92.47	92		49	133
			2-Fluorobiphenyl	100	94.54	95		52	132
			2,4,6-Tribromophenol	150	126.10	84		44	137
			Terphenyl-d14	100	81.73	82		48	125
P4353-06	CF-400-COMP-43	BF139742.D	2-Fluorophenol	150	136.25	91		10	139
			Phenol-d6	150	122.17	81		10	134
			Nitrobenzene-d5	100	100.60	101		49	133
			2-Fluorobiphenyl	100	102.22	102		52	132
			2,4,6-Tribromophenol	150	145.66	97		44	137
			Terphenyl-d14	100	96.98	97		48	125
P4359-02	EXCAVATION-SOIBF139743.D	BF139743.D	2-Fluorophenol	150	145.55	97		10	139
			Phenol-d6	150	133.17	89		10	134
			Nitrobenzene-d5	100	103.07	103		49	133
			2-Fluorobiphenyl	100	108.33	108		52	132
			2,4,6-Tribromophenol	150	140.46	94		44	137
			Terphenyl-d14	100	90.51	91		48	125
PB163981TB	PB163981TB	BF139740.D	2-Fluorophenol	150	142.81	95		10	139
			Phenol-d6	150	142.60	95		10	134
			Nitrobenzene-d5	100	95.71	96		49	133
			2-Fluorobiphenyl	100	92.44	92		52	132
			2,4,6-Tribromophenol	150	146.83	98		44	137
			Terphenyl-d14	100	88.08	88		48	125
PB164011BL	PB164011BL	BF139738.D	2-Fluorophenol	150	127.83	85		10	139
			Phenol-d6	150	123.54	82		10	134
			Nitrobenzene-d5	100	83.32	83		49	133
			2-Fluorobiphenyl	100	81.62	82		52	132
			2,4,6-Tribromophenol	150	131.06	87		44	137
			Terphenyl-d14	100	77.27	77		48	125
PB164011BS	PB164011BS	BF139739.D	2-Fluorophenol	150	134.74	90		10	139

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164011BS	PB164011BS	BF139739.D	Phenol-d6	150	133.37	89		10	134
			Nitrobenzene-d5	100	89.22	89		49	133
			2-Fluorobiphenyl	100	84.91	85		52	132
			2,4,6-Tribromophenol	150	131.79	88		44	137
			Terphenyl-d14	100	100.71	101		48	125

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4375-01	CONCRETE-PADSBF139748.D		2-Fluorophenol	150	64.01	43		18	112
			Phenol-d6	150	68.73	46		15	107
			Nitrobenzene-d5	100	52.64	53		18	107
			2-Fluorobiphenyl	100	58.17	58		20	109
			2,4,6-Tribromophenol	150	46.51	31		10	116
			Terphenyl-d14	100	47.81	48		10	105
P4375-03	CONCRETE-PADSBF139749.D		2-Fluorophenol	150	79.60	53		18	112
			Phenol-d6	150	82.54	55		15	107
			Nitrobenzene-d5	100	59.52	60		18	107
			2-Fluorobiphenyl	100	62.97	63		20	109
			2,4,6-Tribromophenol	150	61.55	41		10	116
			Terphenyl-d14	100	58.12	58		10	105
P4375-05	CONCRETE-PADSBF139750.D		2-Fluorophenol	150	51.58	34		18	112
			Phenol-d6	150	69.88	47		15	107
			Nitrobenzene-d5	100	59.36	59		18	107
			2-Fluorobiphenyl	100	62.15	62		20	109
			2,4,6-Tribromophenol	150	29.26	20		10	116
			Terphenyl-d14	100	57.82	58		10	105
P4375-07	CONCRETE-PADSBF139751.D		2-Fluorophenol	150	34.11	23		18	112
			Phenol-d6	150	40.90	27		15	107
			Nitrobenzene-d5	100	39.17	39		18	107
			2-Fluorobiphenyl	100	42.26	42		20	109
			2,4,6-Tribromophenol	150	25.95	17		10	116
			Terphenyl-d14	100	40.84	41		10	105
P4375-09	CONCRETE-PADSBF139752.D		2-Fluorophenol	150	43.31	29		18	112
			Phenol-d6	150	52.76	35		15	107
			Nitrobenzene-d5	100	40.26	40		18	107
			2-Fluorobiphenyl	100	45.43	45		20	109
			2,4,6-Tribromophenol	150	27.50	18		10	116
			Terphenyl-d14	100	35.22	35		10	105
P4375-11	CONCRETE-PADSBF139753.D		2-Fluorophenol	150	91.41	61		18	112
			Phenol-d6	150	92.34	62		15	107
			Nitrobenzene-d5	100	64.27	64		18	107
			2-Fluorobiphenyl	100	71.31	71		20	109
			2,4,6-Tribromophenol	150	77.50	52		10	116
			Terphenyl-d14	100	60.40	60		10	105
P4375-13	CONCRETE-PADSBF139754.D		2-Fluorophenol	150	95.72	64		18	112
			Phenol-d6	150	97.01	65		15	107
			Nitrobenzene-d5	100	65.63	66		18	107
			2-Fluorobiphenyl	100	69.27	69		20	109
			2,4,6-Tribromophenol	150	76.45	51		10	116
			Terphenyl-d14	100	64.21	64		10	105
P4375-15	CONCRETE-PADSBF139755.D		2-Fluorophenol	150	38.44	26		18	112
			Phenol-d6	150	43.59	29		15	107
			Nitrobenzene-d5	100	30.84	31		18	107
			2-Fluorobiphenyl	100	34.78	35		20	109
			2,4,6-Tribromophenol	150	26.74	18		10	116
			Terphenyl-d14	100	31.30	31		10	105
P4375-17	CONCRETE-PADSBF139756.D		2-Fluorophenol	150	73.70	49		18	112

Surrogate Summary

SW-846

SDG No.: **BF101024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4375-17	CONCRETE-PADSBF139756.D		Phenol-d6	150	81.72	54		15	107
			Nitrobenzene-d5	100	59.23	59		18	107
			2-Fluorobiphenyl	100	63.32	63		20	109
			2,4,6-Tribromophenol	150	56.24	37		10	116
			Terphenyl-d14	100	60.71	61		10	105
P4375-19	CONCRETE-PADSBF139757.D		2-Fluorophenol	150	47.65	32		18	112
			Phenol-d6	150	67.21	45		15	107
			Nitrobenzene-d5	100	60.55	61		18	107
			2-Fluorobiphenyl	100	69.24	69		20	109
			2,4,6-Tribromophenol	150	25.99	17		10	116
P4375-21	CONCRETE-PADSBF139758.D		Terphenyl-d14	100	43.06	43		10	105
			2-Fluorophenol	150	77.34	52		18	112
			Phenol-d6	150	87.68	58		15	107
			Nitrobenzene-d5	100	63.86	64		18	107
			2-Fluorobiphenyl	100	69.01	69		20	109
P4375-23	FENCE-POST-1	BF139759.D	2,4,6-Tribromophenol	150	57.96	39		10	116
			Terphenyl-d14	100	57.66	58		10	105
			2-Fluorophenol	150	64.65	43		18	112
			Phenol-d6	150	78.25	52		15	107
			Nitrobenzene-d5	100	60.11	60		18	107
			2-Fluorobiphenyl	100	63.63	64		20	109
			2,4,6-Tribromophenol	150	45.01	30		10	116
			Terphenyl-d14	100	60.59	61		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF101024

Lab Code: CHEM

SAS No.: BF101024 SDG NO.: BF101024

Lab File ID: BF139736.D

DFTPP Injection Date: 10/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	18.8 (19.4) 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	BF139737.D	10/10/2024	10:35
PB164011BL	PB164011BL	BF139738.D	10/10/2024	11:04
PB164011BS	PB164011BS	BF139739.D	10/10/2024	11:32
PB163981TB	PB163981TB	BF139740.D	10/10/2024	12:01
1B-3	P4340-08	BF139741.D	10/10/2024	12:42
CF-400-COMP-43	P4353-06	BF139742.D	10/10/2024	13:10
EXCAVATION-SOIL	P4359-02	BF139743.D	10/10/2024	13:39
1B-7	P4340-04	BF139744.D	10/10/2024	14:08
1B-7MS	P4340-04MS	BF139745.D	10/10/2024	14:36
1B-7MSD	P4340-04MSD	BF139746.D	10/10/2024	15:05
CONCRETE-1RE	P4356-01RE	BF139747.D	10/10/2024	15:34
CONCRETE-PADS-1	P4375-01	BF139748.D	10/10/2024	16:03
CONCRETE-PADS-2	P4375-03	BF139749.D	10/10/2024	16:31
CONCRETE-PADS-3	P4375-05	BF139750.D	10/10/2024	17:01
CONCRETE-PADS-4	P4375-07	BF139751.D	10/10/2024	17:29
CONCRETE-PADS-5	P4375-09	BF139752.D	10/10/2024	17:58
CONCRETE-PADS-6	P4375-11	BF139753.D	10/10/2024	18:27
CONCRETE-PADS-7	P4375-13	BF139754.D	10/10/2024	18:55

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF101024

Lab Code: CHEM

SAS No.: BF101024

SDG NO.: BF101024

Lab File ID: BF139736.D

DFTPP Injection Date: 10/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	18.8 (19.4) 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
CONCRETE-PADS-8	P4375-15	BF139755.D	10/10/2024	19:24
CONCRETE-PADS-9	P4375-17	BF139756.D	10/10/2024	19:52
CONCRETE-PADS-10	P4375-19	BF139757.D	10/10/2024	20:21
CONCRETE-PADS-11	P4375-21	BF139758.D	10/10/2024	20:49
FENCE-POST-1	P4375-23	BF139759.D	10/10/2024	21:18
SP6638	SP6638	BF139760.D	10/10/2024	21:47
SP6639	SP6639	BF139761.D	10/10/2024	22:16