

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG No.: BF080224

Instrument ID: BNA_F Calibration Date/Time: 8/2/2024 12:09:13

Lab File ID: BF138736.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	0.818	0.796		-2.689	
Pyridine	1.374	1.367		-0.509	
2-Fluorophenol	1.296	1.272		-1.852	
Benzaldehyde	1.043	1.202		15.244	
Aniline	1.551	1.532		-1.225	
Phenol-d6	1.740	1.721		-1.092	
Phenol	1.832	1.792		-2.13	20.0
bis(2-Chloroethyl)ether	1.409	1.364		-3.194	
2-Chlorophenol	1.363	1.348		-1.101	
1,2-Dichlorobenzene	1.439	1.391		-3.336	
1,3-Dichlorobenzene	1.526	1.490		-2.359	
1,4-Dichlorobenzene	1.540	1.500		-2.597	20.0
Benzyl Alcohol	1.254	1.272		1.435	
2-Methylphenol	1.126	1.107		-1.687	
2,2-oxybis(1-Chloropropane)	2.426	2.236		-7.832	
Acetophenone	0.490	0.486		-0.816	
3+4-Methylphenols	1.444	1.408		-2.493	
n-Nitroso-di-n-propylamine	1.051	1.026	0.050	-2.379	
Nitrobenzene-d5	0.409	0.406		-0.733	
Hexachloroethane	0.580	0.552		-4.828	
Nitrobenzene	0.416	0.410		-1.442	
Isophorone	0.699	0.681		-2.575	
2-Nitrophenol	0.179	0.184		2.793	20.0
2,4-Dimethylphenol	0.214	0.213		-0.467	
bis(2-Chloroethoxy)methane	0.425	0.414		-2.588	
2,4-Dichlorophenol	0.275	0.280		1.818	20.0
1,2,4-Trichlorobenzene	0.318	0.311		-2.201	
Benzoic acid	0.168	0.169		0.595	
Naphthalene	1.053	1.025		-2.659	
4-Chloroaniline	0.353	0.352		-0.283	
Hexachlorobutadiene	0.192	0.190		-1.042	20.0
Caprolactam	0.082	0.090		9.756	
4-Chloro-3-methylphenol	0.315	0.324		2.857	20.0
2-Methylnaphthalene	0.665	0.662		-0.451	
Hexachlorocyclopentadiene	0.120	0.122	0.050	1.667	
2,4,6-Trichlorophenol	0.339	0.339		0.0	20.0
2-Fluorobiphenyl	1.331	1.284		-3.531	
2,4,5-Trichlorophenol	0.370	0.366		-1.081	
1,1-Biphenyl	1.566	1.542		-1.533	

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Lab File ID: BF138736.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	1.165	1.150		-1.288	
2-Nitroaniline	0.395	0.409		3.544	
Dimethylphthalate	1.279	1.296		1.329	
Acenaphthylene	1.652	1.633		-1.15	
2,6-Dinitrotoluene	0.289	0.311		7.612	
3-Nitroaniline	0.298	0.310		4.027	
Acenaphthene	1.111	1.086		-2.25	20.0
2,4-Dinitrophenol	0.133	0.144	0.050	8.271	
4-Nitrophenol	0.179	0.188	0.050	5.028	
Dibenzofuran	1.568	1.549		-1.212	
2,4-Dinitrotoluene	0.368	0.403		9.511	
Diethylphthalate	1.213	1.242		2.391	
4-Chlorophenyl-phenylether	0.614	0.609		-0.814	
Fluorene	1.249	1.258		0.721	
4-Nitroaniline	0.284	0.318		11.972	
4,6-Dinitro-2-methylphenol	0.122	0.127		4.098	
n-Nitrosodiphenylamine	0.625	0.612		-2.08	20.0
Azobenzene	1.345	1.346		0.074	
2,4,6-Tribromophenol	0.164	0.174		6.098	
4-Bromophenyl-phenylether	0.217	0.207		-4.608	
Hexachlorobenzene	0.224	0.219		-2.232	
Atrazine	0.161	0.160		-0.621	
Pentachlorophenol	0.101	0.098		-2.97	20.0
Phenanthrene	1.030	1.011		-1.845	
Anthracene	1.015	1.007		-0.788	
Carbazole	0.875	0.899		2.743	
Di-n-butylphthalate	0.984	1.072		8.943	
Fluoranthene	0.961	1.010		5.099	20.0
Benzidine	0.478	0.443		-7.322	
Pyrene	1.883	2.205		17.1	
Terphenyl-d14	1.195	1.380		15.481	
Butylbenzylphthalate	0.603	0.630		4.478	
3,3-Dichlorobenzidine	0.352	0.352		0.0	
Benzo(a)anthracene	1.377	1.434		4.139	
Chrysene	1.243	1.250		0.563	
Bis(2-ethylhexyl)phthalate	0.883	0.748		-15.289	
Di-n-octyl phthalate	1.634	1.392		-14.81	20.0
Benzo(b)fluoranthene	1.240	1.205		-2.823	
Benzo(k)fluoranthene	1.073	1.079		0.559	

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Instrument ID: BNA_F Calibration Date/Time: 8/2/2024 12:09:13

Lab File ID: BF138736.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	1.043	1.037		-0.575	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.395		-2.652	
Dibenzo(a,h)anthracene	1.177	1.114		-5.353	
Benzo(g,h,i)perylene	1.221	1.159		-5.078	
1,2,4,5-Tetrachlorobenzene	0.556	0.541		-2.698	
1,4-Dioxane	0.567	0.555		-2.116	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.286		1.06	
1-Methylnaphthalene	0.652	0.642		-1.534	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BL	SDG No.:	BF080224
Lab Sample ID:	PB162320BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138737.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BL	SDG No.:	BF080224
Lab Sample ID:	PB162320BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138737.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

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

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BL	SDG No.:	BF080224
Lab Sample ID:	PB162320BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138737.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.744		18-112		92	SPK: -150
13127-88-3	Phenol-d6	138.136		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	95.224		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	89.596		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162320BL	SDG No.:	BF080224
Lab Sample ID:	PB162320BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138737.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.451		10-110		100	SPK: -150
1718-51-0	Terphenyl-d14	96.63		14-112		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77621	6.845				
1146-65-2	Naphthalene-d8	313051	8.122				
15067-26-2	Acenaphthene-d10	178650	9.88				
1517-22-2	Phenanthrene-d10	331005	11.363				
1719-03-5	Chrysene-d12	223684	14.004				
1520-96-3	Perylene-d12	162079	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.092	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01	SDG No.:	BF080224
Lab Sample ID:	P3396-16	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
BF138738.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01	SDG No.:	BF080224
Lab Sample ID:	P3396-16	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
BF138738.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	3	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01	SDG No.:	BF080224
Lab Sample ID:	P3396-16	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
BF138738.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	52.881		10-139		35	SPK: -150
13127-88-3	Phenol-d6	32.159		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	83.547		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.354		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01	SDG No.:	BF080224
Lab Sample ID:	P3396-16	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
BF138738.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.437		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	98.029		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67936	6.846				
1146-65-2	Naphthalene-d8	281569	8.122				
15067-26-2	Acenaphthene-d10	155294	9.875				
1517-22-2	Phenanthrene-d10	273018	11.363				
1719-03-5	Chrysene-d12	175404	14.004				
1520-96-3	Perylene-d12	141985	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MS	SDG No.:	BF080224
Lab Sample ID:	P3396-17MS	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
BF138739.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.6		1	8	10	ug/L
110-86-1	Pyridine	17.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	J	4	8	10	ug/L
62-53-3	Aniline	35.8		1.6	4	5	ug/L
108-95-2	Phenol	16		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	51		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	42.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	40.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	35		1.6	8	10	ug/L
95-48-7	2-Methylphenol	34.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.6		1.4	4	5	ug/L
98-86-2	Acetophenone	49.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	30.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	55.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	39.4		1	4	5	ug/L
98-95-3	Nitrobenzene	49.1		1.3	4	5	ug/L
78-59-1	Isophorone	55.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	52.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	54.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	10		5.5	8	10	ug/L
91-20-3	Naphthalene	47.5		1	4	5	ug/L
106-47-8	4-Chloroaniline	41.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MS	SDG No.:	BF080224
Lab Sample ID:	P3396-17MS	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
BF138739.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	51.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	55.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	53.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	51.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	53		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	58		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	65.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	59.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	57.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	54.1		0.81	4	5	ug/L
Total PAH	Total PAH	917.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	30.2		2	8	10	ug/L
132-64-9	Dibenzofuran	56.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	58.8		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	61.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	56.7		0.98	4	5	ug/L
86-73-7	Fluorene	56.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	54.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	59.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	61		0.89	4	5	ug/L
103-33-3	Azobenzene	59.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	58.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	58.2		1.1	4	5	ug/L
1912-24-9	Atrazine	71.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MS	SDG No.:	BF080224
Lab Sample ID:	P3396-17MS	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
BF138739.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	59		0.89	4	5	ug/L
120-12-7	Anthracene	62.3		1.1	4	5	ug/L
86-74-8	Carbazole	58.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	69.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	58		1.3	4	5	ug/L
92-87-5	Benzidine	57.7		4.1	8	10	ug/L
129-00-0	Pyrene	53.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	70.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	62.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	59.5		0.94	4	5	ug/L
218-01-9	Chrysene	61		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	69.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	62.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	59.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	58.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	61.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	56.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	18		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	57.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	48.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	58.466		10-139		39	SPK: -150
13127-88-3	Phenol-d6	35.656		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	93.064		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	97.227		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MS	SDG No.:	BF080224
Lab Sample ID:	P3396-17MS	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
BF138739.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.894		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	111.929		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61815	6.845				
1146-65-2	Naphthalene-d8	249938	8.128				
15067-26-2	Acenaphthene-d10	129605	9.88				
1517-22-2	Phenanthrene-d10	206224	11.369				
1719-03-5	Chrysene-d12	111808	14.01				
1520-96-3	Perylene-d12	129828	15.474				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MSD	SDG No.:	BF080224
Lab Sample ID:	P3396-18MSD	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
BF138740.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	21.2		1	8	10	ug/L
110-86-1	Pyridine	18		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4.1	J	4	8	10	ug/L
62-53-3	Aniline	36.3		1.6	4	5	ug/L
108-95-2	Phenol	16.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	52.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	36.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	34.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	51.5		1.4	4	5	ug/L
98-86-2	Acetophenone	51.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	30.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	56.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	39.8		1	4	5	ug/L
98-95-3	Nitrobenzene	51.3		1.3	4	5	ug/L
78-59-1	Isophorone	58.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	52.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	10.3		5.5	8	10	ug/L
91-20-3	Naphthalene	49.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	42.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MSD	SDG No.:	BF080224
Lab Sample ID:	P3396-18MSD	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
BF138740.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	9	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	53		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	140	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	57.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	54.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	52.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	54.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	60		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	66.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	61.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	58.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	43.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	56.2		0.81	4	5	ug/L
Total PAH	Total PAH	944.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	30.9		2	8	10	ug/L
132-64-9	Dibenzofuran	58.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	60		1.5	4	5	ug/L
84-66-2	Diethylphthalate	62.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	58.4		0.98	4	5	ug/L
86-73-7	Fluorene	57.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	55.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	63		0.89	4	5	ug/L
103-33-3	Azobenzene	59.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	59.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	58.1		1.1	4	5	ug/L
1912-24-9	Atrazine	73.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MSD	SDG No.:	BF080224
Lab Sample ID:	P3396-18MSD	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
BF138740.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	60.4		0.89	4	5	ug/L
120-12-7	Anthracene	62.7		1.1	4	5	ug/L
86-74-8	Carbazole	59.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	70.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	59.3		1.3	4	5	ug/L
92-87-5	Benzidine	58.9		4.1	8	10	ug/L
129-00-0	Pyrene	54.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	71.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	64.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	61.9		0.94	4	5	ug/L
218-01-9	Chrysene	63		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	72.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	65.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	62.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	59.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	64.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	58.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	58.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	53.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	19		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	60.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	50.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60.661		10-139		40	SPK: -150
13127-88-3	Phenol-d6	36.624		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	97.897		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	99.859		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-01MSD	SDG No.:	BF080224
Lab Sample ID:	P3396-18MSD	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
BF138740.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.507		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	111.692		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60696	6.845				
1146-65-2	Naphthalene-d8	239589	8.128				
15067-26-2	Acenaphthene-d10	126304	9.881				
1517-22-2	Phenanthrene-d10	201242	11.369				
1719-03-5	Chrysene-d12	110676	14.01				
1520-96-3	Perylene-d12	130238	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF01-01	SDG No.:	BF080224
Lab Sample ID:	P3396-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138741.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF01-01	SDG No.:	BF080224
Lab Sample ID:	P3396-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138741.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	2	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF01-01	SDG No.:	BF080224
Lab Sample ID:	P3396-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138741.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	39.539		10-139		26	SPK: -150
13127-88-3	Phenol-d6	26.669		10-134		18	SPK: -150
4165-60-0	Nitrobenzene-d5	93.906		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.874		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF01-01	SDG No.:	BF080224
Lab Sample ID:	P3396-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138741.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.199		32-145		68	SPK: -150
1718-51-0	Terphenyl-d14	101.963		36-145		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59286	6.845				
1146-65-2	Naphthalene-d8	241219	8.122				
15067-26-2	Acenaphthene-d10	133102	9.874				
1517-22-2	Phenanthrene-d10	226426	11.363				
1719-03-5	Chrysene-d12	137641	14.004				
1520-96-3	Perylene-d12	123154	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF02-01	SDG No.:	BF080224
Lab Sample ID:	P3396-04	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
BF138742.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF02-01	SDG No.:	BF080224
Lab Sample ID:	P3396-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138742.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	2.3	J	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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF02-01	SDG No.:	BF080224
Lab Sample ID:	P3396-04	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
BF138742.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	74.191		10-139		49	SPK: -150
13127-88-3	Phenol-d6	49.858		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	91.797		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.48		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF02-01	SDG No.:	BF080224
Lab Sample ID:	P3396-04	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
BF138742.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.823		32-145		97	SPK: -150
1718-51-0	Terphenyl-d14	96.01		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63039	6.845				
1146-65-2	Naphthalene-d8	259893	8.122				
15067-26-2	Acenaphthene-d10	144841	9.875				
1517-22-2	Phenanthrene-d10	257903	11.363				
1719-03-5	Chrysene-d12	174500	14.004				
1520-96-3	Perylene-d12	139023	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF03-01	SDG No.:	BF080224
Lab Sample ID:	P3396-06	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
BF138743.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF03-01	SDG No.:	BF080224
Lab Sample ID:	P3396-06	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
BF138743.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	2.2	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF03-01	SDG No.:	BF080224
Lab Sample ID:	P3396-06	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
BF138743.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	61.096		10-139		41	SPK: -150
13127-88-3	Phenol-d6	36.391		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	97.636		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	95.199		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF03-01	SDG No.:	BF080224
Lab Sample ID:	P3396-06	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
BF138743.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.819		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	107.516		36-145		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58274	6.845				
1146-65-2	Naphthalene-d8	243426	8.122				
15067-26-2	Acenaphthene-d10	134618	9.874				
1517-22-2	Phenanthrene-d10	229934	11.363				
1719-03-5	Chrysene-d12	141457	14.004				
1520-96-3	Perylene-d12	125197	15.462				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	355	SDG No.:	BF080224
Lab Sample ID:	P3402-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138744.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58	U	58	180	220	ug/Kg
110-86-1	Pyridine	53.4	U	53.4	86.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.8	U	64.8	86.9	110	ug/Kg
108-95-2	Phenol	55.4	U	55.4	86.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	56	86.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.8	U	55.8	86.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.6	U	56.6	86.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.5	U	57.5	86.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.8	U	57.8	86.9	110	ug/Kg
100-51-6	Benzyl Alcohol	55.5	U	55.5	180	220	ug/Kg
95-48-7	2-Methylphenol	53.9	U	53.9	86.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.8	U	60.8	86.9	110	ug/Kg
98-86-2	Acetophenone	58.1	U	58.1	86.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.4	U	53.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.5	53.5	ug/Kg
67-72-1	Hexachloroethane	55.5	U	55.5	86.9	110	ug/Kg
98-95-3	Nitrobenzene	60.7	U	60.7	86.9	110	ug/Kg
78-59-1	Isophorone	56.6	U	56.6	86.9	110	ug/Kg
88-75-5	2-Nitrophenol	63.2	U	63.2	86.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.3	U	62.3	86.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.4	U	57.4	86.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.5	U	50.5	86.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.1	U	57.1	86.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.2	U	55.2	86.9	110	ug/Kg
106-47-8	4-Chloroaniline	55.2	U	55.2	86.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.7	U	55.7	86.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	355	SDG No.:	BF080224
Lab Sample ID:	P3402-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138744.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58	U	58	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.8	U	51.8	86.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.2	U	55.2	86.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.7	U	47.7	86.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.5	U	49.5	86.9	110	ug/Kg
92-52-4	1,1-Biphenyl	130		58.4	86.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.7	U	55.7	86.9	110	ug/Kg
88-74-4	2-Nitroaniline	63.5	U	63.5	86.9	110	ug/Kg
131-11-3	Dimethylphthalate	54.6	U	54.6	86.9	110	ug/Kg
208-96-8	Acenaphthylene	57.8	U	57.8	86.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.6	U	55.6	86.9	110	ug/Kg
99-09-2	3-Nitroaniline	59.6	U	59.6	86.9	110	ug/Kg
83-32-9	Acenaphthene	54.2	U	54.2	86.9	110	ug/Kg
Total PAH	Total PAH	886	U	886	86.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.6	U	77.6	180	220	ug/Kg
132-64-9	Dibenzofuran	56.4	U	56.4	86.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.6	U	57.6	86.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.2	U	113.2	86.9	220	ug/Kg
84-66-2	Diethylphthalate	53.6	U	53.6	86.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.2	U	57.2	86.9	110	ug/Kg
86-73-7	Fluorene	57.2	U	57.2	86.9	110	ug/Kg
100-01-6	4-Nitroaniline	71.6	U	71.6	86.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.2	U	78.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.6	U	54.6	86.9	110	ug/Kg
103-33-3	Azobenzene	53.2	U	53.2	86.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.8	U	52.8	86.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.8	U	56.8	86.9	110	ug/Kg
1912-24-9	Atrazine	61.1	U	61.1	86.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	355	SDG No.:	BF080224
Lab Sample ID:	P3402-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138744.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.7	U	51.7	180	220	ug/Kg
85-01-8	Phenanthrene	56.2	U	56.2	86.9	110	ug/Kg
120-12-7	Anthracene	56.4	U	56.4	86.9	110	ug/Kg
86-74-8	Carbazole	53.7	U	53.7	86.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.4	U	56.4	86.9	110	ug/Kg
206-44-0	Fluoranthene	54.6	U	54.6	86.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.5	U	55.5	86.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.7	U	64.7	86.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.9	U	65.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	86.9	110	ug/Kg
218-01-9	Chrysene	53.2	U	53.2	86.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.9	U	60.9	86.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.6	U	73.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.2	U	54.2	86.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.2	U	55.2	86.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.2	U	62.2	86.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.2	U	52.2	86.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.3	U	54.3	86.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.6	U	53.6	86.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	86.9	110	ug/Kg
123-91-1	1,4-Dioxane	73.6	U	73.6	86.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	86.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.6	U	55.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.007		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.23		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	59.047		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	60.797		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	355	SDG No.:	BF080224
Lab Sample ID:	P3402-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138744.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.045		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	65.651		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69856	6.845				
1146-65-2	Naphthalene-d8	286958	8.122				
15067-26-2	Acenaphthene-d10	151099	9.875				
1517-22-2	Phenanthrene-d10	236707	11.363				
1719-03-5	Chrysene-d12	131622	14.004				
1520-96-3	Perylene-d12	149875	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.122	
004254-15-3	(S)-(+)-1,2-Propanediol	65.3	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	67.8	J			8.433	
	unknown9.975	690	J			9.975	
000057-10-3	n-Hexadecanoic acid	72.7	J			11.892	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	56.4	J			12.81	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	82.9	J			13.374	
	unknown13.410	83.8	J			13.41	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			13.851	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	120	J			14.621	
000112-95-8	Eicosane	110	J			14.757	
007098-22-8	Tetratetracontane	54.6	J			15.098	
000506-51-4	n-Tetracosanol-1	96.1	J			15.156	
000630-04-6	Hentriacontane	88.7	J			15.909	
018992-03-5	Bromoacetic acid, octadecyl ester	58.4	J			16.003	
000629-99-2	Pentacosane	77.1	J			16.998	
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	63.1	J			17.533	
	unknown18.515	56.8	J			18.515	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	355	SDG No.:	BF080224
Lab Sample ID:	P3402-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138744.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

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

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF080224
Lab Sample ID:	P3402-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138745.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.6	U	65.6	88	120	ug/Kg
108-95-2	Phenol	56.1	U	56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	56.5	U	56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.5	U	61.5	88	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	54	U	54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	61.5	U	61.5	88	120	ug/Kg
78-59-1	Isophorone	57.3	U	57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.1	U	58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	88	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.9	U	55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	55.9	U	55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF080224
Lab Sample ID:	P3402-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138745.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	64.3	U	64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.3	U	56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	60.4	U	60.4	88	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	88	120	ug/Kg
Total PAH	Total PAH	897.1	U	897.1	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.5	U	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	57.1	U	57.1	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.6	U	114.6	88	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.3	U	58.3	88	120	ug/Kg
84-66-2	Diethylphthalate	54.2	U	54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	88	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	72.4	U	72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.2	U	79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	88	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	88	120	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF080224
Lab Sample ID:	P3402-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138745.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.3	U	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88	120	ug/Kg
120-12-7	Anthracene	57.1	U	57.1	88	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88	120	ug/Kg
206-44-0	Fluoranthene	55.3	U	55.3	88	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.5	U	65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.7	U	66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.6	U	54.6	88	120	ug/Kg
218-01-9	Chrysene	53.8	U	53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150		61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.5	U	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.9	U	54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.9	U	55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.2	U	54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	74.5	U	74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.3	U	56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.494		18-112		66	SPK: -150
13127-88-3	Phenol-d6	109.574		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	92.993		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	80.149		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	VNJ-222	SDG No.:	BF080224
Lab Sample ID:	P3402-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
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
BF138745.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.158		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	81.637		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55229	6.846				
1146-65-2	Naphthalene-d8	179350	8.122				
15067-26-2	Acenaphthene-d10	113120	9.875				
1517-22-2	Phenanthrene-d10	172673	11.363				
1719-03-5	Chrysene-d12	100199	14.004				
1520-96-3	Perylene-d12	118458	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	58.4	J			3.363	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.063	
000770-35-4	1-Phenoxypropan-2-ol	82.4	J			8.434	
	unknown9.969	340	J			9.969	
000057-10-3	n-Hexadecanoic acid	90.5	J			11.892	
959085-66-6	Heptadecyl heptafluorobutyrate	210	J			13.851	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	61.1	J			14.621	
	unknown14.757	77.2	J			14.757	
000112-88-9	1-Octadecene	74.7	J			15.163	
000630-04-6	Hentriacontane	77.8	J			15.91	
015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	61.1	J			16.021	
000629-99-2	Pentacosane	47.8	J			16.998	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RT3054	SDG No.:	BF080224
Lab Sample ID:	P3403-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138746.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54	U	54	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RT3054	SDG No.:	BF080224
Lab Sample ID:	P3403-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138746.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.6	U	95.6	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.1	U	99.1	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	270		120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	160	J	110	170	230	ug/Kg
Total PAH	Total PAH	22700		1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	350		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RT3054	SDG No.:	BF080224
Lab Sample ID:	P3403-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138746.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	3100		110	170	230	ug/Kg
120-12-7	Anthracene	490		110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	4900	E	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	2800		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	2000		110	170	230	ug/Kg
218-01-9	Chrysene	2300		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	700		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1800		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	J	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	220	J	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.706		18-112		57	SPK: -150
13127-88-3	Phenol-d6	90.34		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.312		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	67.49		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RT3054	SDG No.:	BF080224
Lab Sample ID:	P3403-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BF138746.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.684		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	50.878		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42997	6.845				
1146-65-2	Naphthalene-d8	158444	8.122				
15067-26-2	Acenaphthene-d10	71037	9.881				
1517-22-2	Phenanthrene-d10	115533	11.375				
1719-03-5	Chrysene-d12	116060	14.021				
1520-96-3	Perylene-d12	109130	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000464-49-3	(+)-2-Bornanone	110	J			7.869	
1000214-98-3	1,3,4-Trimethyladamantane	130	J			8.581	
	unknown9.110	100	J			9.11	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	380	J			9.269	
000575-41-7	Naphthalene, 1,3-dimethyl-	230	J			9.533	
	unknown9.581	780	J			9.581	
	unknown9.645	300	J			9.645	
	unknown9.828	180	J			9.828	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	890	J			10.286	
010192-32-2	1-Tetracosene	1200	J			15.151	
000192-97-2	Benzo[e]pyrene	1200	J			15.357	
000629-92-5	Nonadecane	800	J			15.915	
000083-46-5	.beta.-Sitosterol	740	J			17.521	
002435-85-0	Pyrene, hexadecahydro-	490	J			17.98	
001058-61-3	Stigmast-4-en-3-one	850	J			18.533	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF080224
Lab Sample ID:	P3403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.1	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
BF138747.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.2	U	51.2	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF080224
Lab Sample ID:	P3403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.1 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
BF138747.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.5	U	98.5	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.8	U	90.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.1	U	94.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.3	U	1689.3	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF080224
Lab Sample ID:	P3403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.1	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
BF138747.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.3	U	98.3	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.3	U	99.3	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95	U	95	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.088		18-112		51	SPK: -150
13127-88-3	Phenol-d6	78.482		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	49.722		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	67.272		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	RBR251686	SDG No.:	BF080224
Lab Sample ID:	P3403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.1	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
BF138747.D	2	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.952		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	44.286		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43695	6.845				
1146-65-2	Naphthalene-d8	184406	8.128				
15067-26-2	Acenaphthene-d10	62808	9.904				
1517-22-2	Phenanthrene-d10	73000	11.457				
1719-03-5	Chrysene-d12	88845	14.068				
1520-96-3	Perylene-d12	63837	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
022013-33-8	1,4 Benzodioxan-6-amine	300	J			8.745	
055402-13-6	3-Octyne, 2,2,7-trimethyl-	550	J			9.004	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EO-02-073124	SDG No.:	BF080224
Lab Sample ID:	P3413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138748.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.7	U	53.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	190	J	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EO-02-073124	SDG No.:	BF080224
Lab Sample ID:	P3413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138748.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	390		110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.2	U	95.2	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.7	U	98.7	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	350		120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	430		110	170	230	ug/Kg
Total PAH	Total PAH	24950		1770	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	320		110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	1100		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg



Client:				Date Collected:	7/31/2024 12:00:00 AM	
Project:				Date Received:	7/31/2024 12:00:00 AM	
Client Sample ID:	EO-02-073124			SDG No.:	BF080224	
Lab Sample ID:	P3413-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.1	
Sample Wt/Vol:	50.06	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138748.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	4600	E	110	170	230	ug/Kg
120-12-7	Anthracene	1300		110	170	230	ug/Kg
86-74-8	Carbazole	540		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	4500	E	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	3500		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1900		110	170	230	ug/Kg
218-01-9	Chrysene	1600		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	660		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1600		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	600		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	J	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	710		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.6	U	99.6	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	460		110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.75		18-112		59	SPK: -150
13127-88-3	Phenol-d6	77.778		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	71.566		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	60.108		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EO-02-073124	SDG No.:	BF080224
Lab Sample ID:	P3413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138748.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.876		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	67.698		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51958	6.845				
1146-65-2	Naphthalene-d8	149689	8.128				
15067-26-2	Acenaphthene-d10	83993	9.88				
1517-22-2	Phenanthrene-d10	162369	11.369				
1719-03-5	Chrysene-d12	114788	14.01				
1520-96-3	Perylene-d12	94033	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	320	J			8.71	
000629-59-4	Tetradecane	770	J			9.275	
000575-43-9	Naphthalene, 1,6-dimethyl-	370	J			9.463	
000582-16-1	Naphthalene, 2,7-dimethyl-	630	J			9.533	
000112-04-9	Silane, trichlorooctadecyl-	490	J			9.592	
000575-41-7	Naphthalene, 1,3-dimethyl-	320	J			9.657	
000629-62-9	Pentadecane	800	J			9.804	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	240	J			10.192	
000544-76-3	Hexadecane	1200	J			10.304	
062108-26-3	Decane, 2,6,8-trimethyl-	540	J			10.522	
000112-95-8	Eicosane	260	J			10.78	
000112-39-0	Hexadecanoic acid, methyl ester	830	J			11.757	
000832-69-9	Phenanthrene, 1-methyl-	380	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	410	J			11.98	
056554-49-5	16-Octadecenoic acid, methyl ester	2400	J			12.469	
002381-21-7	Pyrene, 1-methyl-	310	J			13.033	
000238-84-6	11H-Benzo[a]fluorene	480	J			13.139	
000243-17-4	11H-Benzo[b]fluorene	460	J			13.204	
007378-99-6	N,N-Dimethyloctylamine	1600	J			14.898	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	EO-02-073124	SDG No.:	BF080224
Lab Sample ID:	P3413-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138748.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	850	J			15.357	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-A	SDG No.:	BF080224
Lab Sample ID:	P3414-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138749.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.7	U	52.7	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.7	U	98.7	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	130	J	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-A	SDG No.:	BF080224
Lab Sample ID:	P3414-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138749.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	J	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.4	U	93.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.8	U	96.8	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	840		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	180	J	110	170	220	ug/Kg
Total PAH	Total PAH	52350		1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	170	J	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	480		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:				Date Collected:	7/31/2024 12:00:00 AM	
Project:				Date Received:	7/31/2024 12:00:00 AM	
Client Sample ID:	PL-02-07312024-A			SDG No.:	BF080224	
Lab Sample ID:	P3414-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.3	
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
BF138749.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	4300	E	110	170	220	ug/Kg
120-12-7	Anthracene	1200		110	170	220	ug/Kg
86-74-8	Carbazole	180	J	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	10100	E	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	7800	E	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	5400	E	110	170	220	ug/Kg
218-01-9	Chrysene	4300	E	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	6000	E	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	4900	E	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.7	U	97.7	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.272		18-112		60	SPK: -150
13127-88-3	Phenol-d6	78.922		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	61.836		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	63.74		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-A	SDG No.:	BF080224
Lab Sample ID:	P3414-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138749.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.61		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	77.754		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49455	6.845				
1146-65-2	Naphthalene-d8	164357	8.128				
15067-26-2	Acenaphthene-d10	83404	9.881				
1517-22-2	Phenanthrene-d10	166741	11.369				
1719-03-5	Chrysene-d12	101772	14.016				
1520-96-3	Perylene-d12	88042	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-37-1	Naphthalene, 1,7-dimethyl-	180	J			9.463	
000581-40-8	Naphthalene, 2,3-dimethyl-	210	J			9.534	
000575-41-7	Naphthalene, 1,3-dimethyl-	140	J			9.651	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	200	J			10.192	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	300	J			10.298	
001855-47-6	1-Isopropenylnaphthalene	140	J			10.492	
006344-67-8	9H-Fluoren-3-ol	250	J			10.581	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	180	J			11.869	
002531-84-2	Phenanthrene, 2-methyl-	250	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	470	J			11.986	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	140	J			12.163	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			12.422	
000605-02-7	Naphthalene, 1-phenyl-	150	J			12.457	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			12.516	
002381-21-7	Pyrene, 1-methyl-	250	J			13.033	
000243-17-4	11H-Benzo[b]fluorene	340	J			13.139	
003442-78-2	Pyrene, 2-methyl-	200	J			13.245	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	160	J			13.763	
000192-97-2	Benzo[e]pyrene	1200	J			15.163	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-A	SDG No.:	BF080224
Lab Sample ID:	P3414-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138749.D	2	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	3000	J			15.363	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-B	SDG No.:	BF080224
Lab Sample ID:	P3414-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138750.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.1	U	60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-B	SDG No.:	BF080224
Lab Sample ID:	P3414-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138750.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.4	J	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	260		55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	230		52.3	83.9	110	ug/Kg
Total PAH	Total PAH	29330		855.1	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.8	U	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	230		54.5	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	460		55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-B	SDG No.:	BF080224
Lab Sample ID:	P3414-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138750.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	3400	E	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	990		54.5	83.9	110	ug/Kg
86-74-8	Carbazole	130		51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	5700	E	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	4400	E	53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	2800	E	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	2300	E	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	E	52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	2600	E	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	72.6	J	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.43		18-112		65	SPK: -150
13127-88-3	Phenol-d6	86.41		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	65.044		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	66.093		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-B	SDG No.:	BF080224
Lab Sample ID:	P3414-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138750.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.995		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	84.144		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46406	6.845				
1146-65-2	Naphthalene-d8	157893	8.128				
15067-26-2	Acenaphthene-d10	78797	9.881				
1517-22-2	Phenanthrene-d10	155464	11.369				
1719-03-5	Chrysene-d12	91131	14.021				
1520-96-3	Perylene-d12	81559	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.057	
000575-41-7	Naphthalene, 1,3-dimethyl-	140	J			9.463	
000573-98-8	Naphthalene, 1,2-dimethyl-	190	J			9.539	
000582-16-1	Naphthalene, 2,7-dimethyl-	110	J			9.563	
000581-40-8	Naphthalene, 2,3-dimethyl-	120	J			9.657	
000093-08-3	2-Naphthyl methyl ketone	100	J			9.981	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	130	J			10.192	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	83.7	J			10.222	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	110	J			10.286	
002320-32-3	Benzene, [1-(2,4-cyclopentadien-1-	130	J			10.492	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	160	J			10.586	
002531-84-2	Phenanthrene, 2-methyl-	86	J			11.874	
000832-69-9	Phenanthrene, 1-methyl-	100	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			11.986	
002381-21-7	Pyrene, 1-methyl-	120	J			13.033	
033543-31-6	Fluoranthene, 2-methyl-	180	J			13.145	
000243-17-4	11H-Benzo[b]fluorene	85.6	J			13.21	
003353-12-6	Pyrene, 4-methyl-	95.1	J			13.251	
000192-97-2	Benzo[e]pyrene	100	J			15.169	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PL-02-07312024-B	SDG No.:	BF080224
Lab Sample ID:	P3414-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF138750.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	250	J			15.363	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	TR-06-073124	SDG No.:	BF080224
Lab Sample ID:	P3417-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.1
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
BF138751.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.2	U	53.2	170	200	ug/Kg
110-86-1	Pyridine	48.9	U	48.9	79.6	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.3	U	59.3	79.6	100	ug/Kg
108-95-2	Phenol	50.8	U	50.8	79.6	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.3	U	51.3	79.6	100	ug/Kg
95-57-8	2-Chlorophenol	51.1	U	51.1	79.6	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	51.8	U	51.8	79.6	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	52.7	U	52.7	79.6	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	53	U	53	79.6	100	ug/Kg
100-51-6	Benzyl Alcohol	50.8	U	50.8	170	200	ug/Kg
95-48-7	2-Methylphenol	49.4	U	49.4	79.6	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55.7	U	55.7	79.6	100	ug/Kg
98-86-2	Acetophenone	53.2	U	53.2	79.6	100	ug/Kg
65794-96-9	3+4-Methylphenols	48.9	U	48.9	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.7	U	24.7	49	49	ug/Kg
67-72-1	Hexachloroethane	50.8	U	50.8	79.6	100	ug/Kg
98-95-3	Nitrobenzene	55.6	U	55.6	79.6	100	ug/Kg
78-59-1	Isophorone	51.8	U	51.8	79.6	100	ug/Kg
88-75-5	2-Nitrophenol	57.9	U	57.9	79.6	100	ug/Kg
105-67-9	2,4-Dimethylphenol	57.1	U	57.1	79.6	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.5	U	52.5	79.6	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.2	U	46.2	79.6	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.3	U	52.3	79.6	100	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	50.6	U	50.6	79.6	100	ug/Kg
106-47-8	4-Chloroaniline	50.6	U	50.6	79.6	100	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	79.6	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	TR-06-073124	SDG No.:	BF080224
Lab Sample ID:	P3417-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.1
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
BF138751.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.2	U	53.2	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.5	U	47.5	79.6	100	ug/Kg
91-57-6	2-Methylnaphthalene	50.5	U	50.5	79.6	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95.5	U	95.5	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.7	U	43.7	79.6	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.3	U	45.3	79.6	100	ug/Kg
92-52-4	1,1-Biphenyl	53.5	U	53.5	79.6	100	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	79.6	100	ug/Kg
88-74-4	2-Nitroaniline	58.2	U	58.2	79.6	100	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	79.6	100	ug/Kg
208-96-8	Acenaphthylene	53	U	53	79.6	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	79.6	100	ug/Kg
99-09-2	3-Nitroaniline	54.6	U	54.6	79.6	100	ug/Kg
83-32-9	Acenaphthene	49.7	U	49.7	79.6	100	ug/Kg
Total PAH	Total PAH	5479.7	U	811.6	79.6	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	170	200	ug/Kg
132-64-9	Dibenzofuran	51.7	U	51.7	79.6	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.8	U	52.8	79.6	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103.8	U	103.8	79.6	200	ug/Kg
84-66-2	Diethylphthalate	49.1	U	49.1	79.6	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.4	U	52.4	79.6	100	ug/Kg
86-73-7	Fluorene	52.4	U	52.4	79.6	100	ug/Kg
100-01-6	4-Nitroaniline	65.5	U	65.5	79.6	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71.6	U	71.6	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50	U	50	79.6	100	ug/Kg
103-33-3	Azobenzene	48.7	U	48.7	79.6	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.3	U	48.3	79.6	100	ug/Kg
118-74-1	Hexachlorobenzene	52.1	U	52.1	79.6	100	ug/Kg
1912-24-9	Atrazine	56	U	56	79.6	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	TR-06-073124	SDG No.:	BF080224
Lab Sample ID:	P3417-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.1
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
BF138751.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.3	U	47.3	170	200	ug/Kg
85-01-8	Phenanthrene	350		51.4	79.6	100	ug/Kg
120-12-7	Anthracene	75.6	J	51.7	79.6	100	ug/Kg
86-74-8	Carbazole	49.2	U	49.2	79.6	100	ug/Kg
84-74-2	Di-n-butylphthalate	51.6	U	51.6	79.6	100	ug/Kg
206-44-0	Fluoranthene	1100		50	79.6	100	ug/Kg
92-87-5	Benzidine	99.8	U	99.8	170	200	ug/Kg
129-00-0	Pyrene	760		50.8	79.6	100	ug/Kg
85-68-7	Butylbenzylphthalate	59.3	U	59.3	79.6	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.4	U	60.4	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	510		49.4	79.6	100	ug/Kg
218-01-9	Chrysene	480		48.7	79.6	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55.7	U	55.7	79.6	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67.4	U	67.4	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		49.7	79.6	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		50.6	79.6	100	ug/Kg
50-32-8	Benzo(a)pyrene	580		57	79.6	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		47.8	79.6	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.1	J	49.7	79.6	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		49.1	79.6	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.2	U	53.2	79.6	100	ug/Kg
123-91-1	1,4-Dioxane	67.4	U	67.4	79.6	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45.7	U	45.7	79.6	100	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.474		18-112		84	SPK: -150
13127-88-3	Phenol-d6	114.907		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	86.607		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.709		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	TR-06-073124	SDG No.:	BF080224
Lab Sample ID:	P3417-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.1
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
BF138751.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.526		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	108.913		14-112		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45805	6.845				
1146-65-2	Naphthalene-d8	156727	8.128				
15067-26-2	Acenaphthene-d10	78183	9.881				
1517-22-2	Phenanthrene-d10	153599	11.369				
1719-03-5	Chrysene-d12	92068	14.01				
1520-96-3	Perylene-d12	81484	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.063	
000629-59-4	Tetradecane	180	J			9.275	
000582-16-1	Naphthalene, 2,7-dimethyl-	140	J			9.534	
192823-15-7	Decane, 2,3,5,8-tetramethyl-	230	J			9.592	
000629-62-9	Pentadecane	230	J			9.804	
000112-40-3	Dodecane	120	J			10.128	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	120	J			10.198	
000544-76-3	Hexadecane	420	J			10.304	
000593-49-7	Heptacosane	320	J			10.522	
000629-78-7	Heptadecane	730	J			10.781	
000629-92-5	Nonadecane	560	J			11.227	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	280	J			11.257	
055045-08-4	Dodecane, 2-methyl-6-propyl-	500	J			11.657	
000057-10-3	n-Hexadecanoic acid	220	J			11.898	
000112-95-8	Eicosane	470	J			12.063	
000084-65-1	9,10-Anthracenedione	170	J			12.198	
001560-96-9	Tridecane, 2-methyl-	430	J			12.451	
000629-94-7	Heneicosane	110	J			13.175	
000295-48-7	Cyclopentadecane	230	J			13.851	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	TR-06-073124	SDG No.:	BF080224
Lab Sample ID:	P3417-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.1
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
BF138751.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	220	J			15.357	

Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM		
Project:				Date Received:	7/29/2024 12:00:00 AM		
Client Sample ID:	P001-CF04-01			SDG No.:	BF080224		
Lab Sample ID:	P3396-08			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138752.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01	SDG No.:	BF080224
Lab Sample ID:	P3396-08	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138752.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	2.9	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01	SDG No.:	BF080224
Lab Sample ID:	P3396-08	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
BF138752.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	86.038		10-139		57	SPK: -150
13127-88-3	Phenol-d6	51.929		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	101.2		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	98.58		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF04-01	SDG No.:	BF080224
Lab Sample ID:	P3396-08	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
BF138752.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.304		32-145		109	SPK: -150
1718-51-0	Terphenyl-d14	121.958		36-145		122	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41758	6.846				
1146-65-2	Naphthalene-d8	139542	8.128				
15067-26-2	Acenaphthene-d10	70552	9.881				
1517-22-2	Phenanthrene-d10	136866	11.369				
1719-03-5	Chrysene-d12	84942	14.01				
1520-96-3	Perylene-d12	72116	15.48				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02	SDG No.:	BF080224
Lab Sample ID:	P3396-12	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
BF138753.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02	SDG No.:	BF080224
Lab Sample ID:	P3396-12	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
BF138753.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02	SDG No.:	BF080224
Lab Sample ID:	P3396-12	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
BF138753.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

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	95.427		10-139		64	SPK: -150
13127-88-3	Phenol-d6	58.117		10-134		39	SPK: -150
4165-60-0	Nitrobenzene-d5	105.752		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	105.939		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	P001-CF05-02	SDG No.:	BF080224
Lab Sample ID:	P3396-12	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
BF138753.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.737		32-145		120	SPK: -150
1718-51-0	Terphenyl-d14	126.562		36-145		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39347	6.845				
1146-65-2	Naphthalene-d8	134824	8.128				
15067-26-2	Acenaphthene-d10	68465	9.88				
1517-22-2	Phenanthrene-d10	134958	11.369				
1719-03-5	Chrysene-d12	88081	14.01				
1520-96-3	Perylene-d12	71268	15.474				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS	SDG No.:	BF080224
Lab Sample ID:	P3406-02	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
BF138754.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS	SDG No.:	BF080224
Lab Sample ID:	P3406-02	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
BF138754.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS	SDG No.:	BF080224
Lab Sample ID:	P3406-02	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
BF138754.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

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	67.687		18-112		45	SPK: -150
13127-88-3	Phenol-d6	74.509		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	66.608		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	69.861		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS	SDG No.:	BF080224
Lab Sample ID:	P3406-02	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
BF138754.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.617		10-110		35	SPK: -150
1718-51-0	Terphenyl-d14	80.316		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40640	6.846				
1146-65-2	Naphthalene-d8	139145	8.128				
15067-26-2	Acenaphthene-d10	67644	9.881				
1517-22-2	Phenanthrene-d10	132943	11.369				
1719-03-5	Chrysene-d12	85937	14.016				
1520-96-3	Perylene-d12	74382	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-93-9	3-Hexen-2-one	250	J			4.434	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3400	A			5.075	
000544-76-3	Hexadecane	100	J			9.275	
003891-99-4	2,6,10-Trimethyltridecane	90.7	J			9.592	
000629-62-9	Pentadecane	180	J			9.804	
000646-31-1	Tetracosane	310	J			10.304	
000112-04-9	Silane, trichlorooctadecyl-	310	J			10.522	
000629-92-5	Nonadecane	720	J			10.781	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	170	J			10.975	
000593-45-3	Octadecane	600	J			11.228	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	650	J			11.257	
073105-67-6	1-Iodo-2-methylundecane	150	J			11.539	
013187-99-0	2-Bromo dodecane	210	J			11.61	
055045-08-4	Dodecane, 2-methyl-6-propyl-	820	J			11.657	
000629-59-4	Tetradecane	310	J			11.822	
007225-66-3	Tridecane, 7-hexyl-	770	J			12.063	
006418-41-3	Tridecane, 3-methyl-	320	J			12.345	
000629-94-7	Heneicosane	730	J			12.451	
000593-49-7	Heptacosane	400	J			12.828	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS	SDG No.:	BF080224
Lab Sample ID:	P3406-02	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
BF138754.D	1	7/31/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-97-0	Docosane	400	J			13.18	

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080224
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138755.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		57.6	180	220	ug/Kg
110-86-1	Pyridine	830		53.1	86.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	660		64.4	86.3	110	ug/Kg
108-95-2	Phenol	1000		55.1	86.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.6	86.3	110	ug/Kg
95-57-8	2-Chlorophenol	1100		55.5	86.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.2	86.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		57.1	86.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		57.4	86.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	980		53.5	86.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		60.4	86.3	110	ug/Kg
98-86-2	Acetophenone	1200		57.7	86.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	970		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.8	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	910		55.1	86.3	110	ug/Kg
98-95-3	Nitrobenzene	1100		60.3	86.3	110	ug/Kg
78-59-1	Isophorone	1200		56.2	86.3	110	ug/Kg
88-75-5	2-Nitrophenol	1000		62.8	86.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.9	86.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57	86.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		50.1	86.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		56.7	86.3	110	ug/Kg
65-85-0	Benzoic acid	880		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.9	86.3	110	ug/Kg
106-47-8	4-Chloroaniline	710		54.9	86.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080224
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138755.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		57.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		51.5	86.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.8	86.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		47.4	86.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.1	86.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		58	86.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55.3	86.3	110	ug/Kg
88-74-4	2-Nitroaniline	1300		63.1	86.3	110	ug/Kg
131-11-3	Dimethylphthalate	1300		54.3	86.3	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.4	86.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		55.3	86.3	110	ug/Kg
99-09-2	3-Nitroaniline	1300		59.2	86.3	110	ug/Kg
83-32-9	Acenaphthene	1100		53.9	86.3	110	ug/Kg
Total PAH	Total PAH	20110		880.3	86.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	300		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2800	E	77	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.1	86.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.2	86.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		112.5	86.3	220	ug/Kg
84-66-2	Diethylphthalate	1300		53.2	86.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		56.8	86.3	110	ug/Kg
86-73-7	Fluorene	1300		56.8	86.3	110	ug/Kg
100-01-6	4-Nitroaniline	1500		71.1	86.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	J	77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		54.2	86.3	110	ug/Kg
103-33-3	Azobenzene	1300		52.9	86.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52.4	86.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		56.5	86.3	110	ug/Kg
1912-24-9	Atrazine	1400		60.7	86.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080224
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138755.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	1300		55.8	86.3	110	ug/Kg
120-12-7	Anthracene	1300		56.1	86.3	110	ug/Kg
86-74-8	Carbazole	1300		53.3	86.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1500		56	86.3	110	ug/Kg
206-44-0	Fluoranthene	1700		54.3	86.3	110	ug/Kg
92-87-5	Benzidine	870		110	180	220	ug/Kg
129-00-0	Pyrene	1300		55.1	86.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1700		64.3	86.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		53.6	86.3	110	ug/Kg
218-01-9	Chrysene	1300		52.8	86.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		60.4	86.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53.9	86.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		54.9	86.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		61.8	86.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		51.9	86.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.9	86.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		53.2	86.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		57.6	86.3	110	ug/Kg
123-91-1	1,4-Dioxane	750		73.1	86.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		49.6	86.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.981		18-112		59	SPK: -150
13127-88-3	Phenol-d6	93.582		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	74.389		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	74.61		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMS	SDG No.:	BF080224
Lab Sample ID:	P3387-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138755.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.954		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	88.253		14-112		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48282	6.845				
1146-65-2	Naphthalene-d8	159905	8.128				
15067-26-2	Acenaphthene-d10	79449	9.88				
1517-22-2	Phenanthrene-d10	155819	11.369				
1719-03-5	Chrysene-d12	95799	14.015				
1520-96-3	Perylene-d12	81632	15.48				

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080224
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138756.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		57.7	180	220	ug/Kg
110-86-1	Pyridine	940		53.1	86.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	740		64.4	86.4	110	ug/Kg
108-95-2	Phenol	1100		55.1	86.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.6	86.4	110	ug/Kg
95-57-8	2-Chlorophenol	1200		55.5	86.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.2	86.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		57.1	86.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		57.5	86.4	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		53.5	86.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		60.4	86.4	110	ug/Kg
98-86-2	Acetophenone	1200		57.7	86.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.8	53.2	53.2	ug/Kg
67-72-1	Hexachloroethane	950		55.1	86.4	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.3	86.4	110	ug/Kg
78-59-1	Isophorone	1300		56.2	86.4	110	ug/Kg
88-75-5	2-Nitrophenol	1100		62.8	86.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.9	86.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		57	86.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.2	86.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		56.7	86.4	110	ug/Kg
65-85-0	Benzoic acid	970		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.9	86.4	110	ug/Kg
106-47-8	4-Chloroaniline	680		54.9	86.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080224
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138756.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		57.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		51.5	86.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.8	86.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		47.4	86.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.2	86.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		58.1	86.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.3	86.4	110	ug/Kg
88-74-4	2-Nitroaniline	1300		63.1	86.4	110	ug/Kg
131-11-3	Dimethylphthalate	1300		54.3	86.4	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.5	86.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		55.3	86.4	110	ug/Kg
99-09-2	3-Nitroaniline	1200		59.3	86.4	110	ug/Kg
83-32-9	Acenaphthene	1200		53.9	86.4	110	ug/Kg
Total PAH	Total PAH	20630		880.4	86.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	560		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	77.1	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.1	86.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		112.6	86.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.3	86.4	110	ug/Kg
84-66-2	Diethylphthalate	1300		53.2	86.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		56.9	86.4	110	ug/Kg
86-73-7	Fluorene	1200		56.8	86.4	110	ug/Kg
100-01-6	4-Nitroaniline	1400		71.1	86.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270		77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		54.2	86.4	110	ug/Kg
103-33-3	Azobenzene	1200		52.9	86.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		52.4	86.4	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		56.5	86.4	110	ug/Kg
1912-24-9	Atrazine	1400		60.7	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080224
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138756.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	51.4	180	220	ug/Kg
85-01-8	Phenanthrene	1300		55.8	86.4	110	ug/Kg
120-12-7	Anthracene	1300		56.1	86.4	110	ug/Kg
86-74-8	Carbazole	1300		53.4	86.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	1500		56	86.4	110	ug/Kg
206-44-0	Fluoranthene	1700		54.3	86.4	110	ug/Kg
92-87-5	Benzidine	900		110	180	220	ug/Kg
129-00-0	Pyrene	1400		55.1	86.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1800		64.3	86.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1400		53.6	86.4	110	ug/Kg
218-01-9	Chrysene	1400		52.8	86.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		60.5	86.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53.9	86.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		54.9	86.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1500		61.8	86.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.9	86.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.9	86.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		53.2	86.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		57.7	86.4	110	ug/Kg
123-91-1	1,4-Dioxane	840		73.1	86.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.6	86.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.387		18-112		71	SPK: -150
13127-88-3	Phenol-d6	101.26		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	77.264		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	78.409		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	WC-10-Full Waste ClassMSD	SDG No.:	BF080224
Lab Sample ID:	P3387-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138756.D	1	7/29/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.993		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	92.376		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54046	6.846				
1146-65-2	Naphthalene-d8	186861	8.128				
15067-26-2	Acenaphthene-d10	89656	9.881				
1517-22-2	Phenanthrene-d10	156972	11.369				
1719-03-5	Chrysene-d12	90048	14.016				
1520-96-3	Perylene-d12	77245	15.48				

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	TR-06-07252024RE	SDG No.:	BF080224
Lab Sample ID:	P3367-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
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
BF138757.D	1	7/26/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.9	U	61.9	83	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.5	U	53.5	83	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.5	U	51.5	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.1	U	58.1	83	110	ug/Kg
98-86-2	Acetophenone	55.5	U	55.5	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	51	U	51	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51.1	51.1	ug/Kg
67-72-1	Hexachloroethane	53	U	53	83	110	ug/Kg
98-95-3	Nitrobenzene	58	U	58	83	110	ug/Kg
78-59-1	Isophorone	54	U	54	83	110	ug/Kg
88-75-5	2-Nitrophenol	60.4	U	60.4	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.8	U	54.8	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	83	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.8	U	52.8	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.8	U	52.8	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	TR-06-07252024RE	SDG No.:	BF080224
Lab Sample ID:	P3367-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
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
BF138757.D	1	7/26/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.7	U	52.7	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.6	U	99.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.3	U	47.3	83	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.2	U	53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	60.7	U	60.7	83	110	ug/Kg
131-11-3	Dimethylphthalate	52.2	U	52.2	83	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	83	110	ug/Kg
83-32-9	Acenaphthene	51.8	U	51.8	83	110	ug/Kg
Total PAH	Total PAH	846.4	U	846.4	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.1	U	74.1	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.2	U	108.2	83	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	83	110	ug/Kg
84-66-2	Diethylphthalate	51.2	U	51.2	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.7	U	54.7	83	110	ug/Kg
86-73-7	Fluorene	54.6	U	54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	83	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.4	U	50.4	83	110	ug/Kg
118-74-1	Hexachlorobenzene	54.3	U	54.3	83	110	ug/Kg
1912-24-9	Atrazine	58.4	U	58.4	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	TR-06-07252024RE	SDG No.:	BF080224
Lab Sample ID:	P3367-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
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
BF138757.D	1	7/26/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.4	U	49.4	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	83	110	ug/Kg
120-12-7	Anthracene	53.9	U	53.9	83	110	ug/Kg
86-74-8	Carbazole	51.3	U	51.3	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	83	110	ug/Kg
206-44-0	Fluoranthene	140		52.2	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	110		53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	75.9	J	51.5	83	110	ug/Kg
218-01-9	Chrysene	87.2	J	50.8	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.3	U	70.3	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		51.8	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.8	U	52.8	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	96.8	J	59.4	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.9	U	49.9	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.9	U	51.9	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	J	51.2	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	70.3	U	70.3	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.826		18-112		63	SPK: -150
13127-88-3	Phenol-d6	83.269		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	62.463		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.487		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	TR-06-07252024RE	SDG No.:	BF080224
Lab Sample ID:	P3367-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
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
BF138757.D	1	7/26/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.745		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	75.879		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53686	6.845				
1146-65-2	Naphthalene-d8	181434	8.128				
15067-26-2	Acenaphthene-d10	93348	9.88				
1517-22-2	Phenanthrene-d10	178452	11.369				
1719-03-5	Chrysene-d12	106775	14.01				
1520-96-3	Perylene-d12	91698	15.48				

Hit Summary Sheet SW-846

SDG No.: BF080224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TR-06-07252024RE								
P3367-01RE	TR-06-07252024RE	Solid	Benzo(a)anthracene	75.900	J	51.5	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Benzo(a)pyrene	96.800	J	59.4	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Benzo(b)fluoranthene	130.000		51.8	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Benzo(g,h,i)perylene	54.000	J	51.2	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Chrysene	87.200	J	50.8	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Fluoranthene	140.000		52.2	110	ug/Kg
P3367-01RE	TR-06-07252024RE	Solid	Pyrene	110.000		53	110	ug/Kg
Total Svoc :				693.90				
Total Concentration:				693.90				
Client ID : P001-CF01-01								
P3396-02	P001-CF01-01	Water	Dimethylphthalate	2.000	J	0.93	5	ug/L
Total Svoc :				2.00				
Total Concentration:				2.00				
Client ID : P001-CF02-01								
P3396-04	P001-CF02-01	Water	Dimethylphthalate	2.300	J	0.93	5	ug/L
Total Svoc :				2.30				
Total Concentration:				2.30				
Client ID : P001-CF03-01								
P3396-06	P001-CF03-01	Water	Dimethylphthalate	2.200	J	0.93	5	ug/L
Total Svoc :				2.20				
Total Concentration:				2.20				
Client ID : P001-CF04-01								
P3396-08	P001-CF04-01	Water	Dimethylphthalate	2.900	J	0.93	5	ug/L
Total Svoc :				2.90				
Total Concentration:				2.90				
Client ID : P001-CF05-01								
P3396-16	P001-CF05-01	Water	Dimethylphthalate	3.000	J	0.93	5	ug/L
Total Svoc :				3.00				
Total Concentration:				3.00				
Client ID : VNJ-222								
P3402-01	VNJ-222	Solid	(S)-(+)-1,2-Propanediol	*	58.400	J		
P3402-01	VNJ-222	Solid	1-Octadecene	*	74.700	J		
P3402-01	VNJ-222	Solid	1-Phenoxypropan-2-ol	*	82.400	J		
P3402-01	VNJ-222	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3402-01	VNJ-222	Solid	Hentriacontane	*	77.800	J		

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SDG No.: BF080224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3402-01	VNJ-222	Solid	Heptadecyl heptafluorobutyrate	*	210.000	J		
P3402-01	VNJ-222	Solid	n-Hexadecanoic acid	*	90.500	J		
P3402-01	VNJ-222	Solid	Oxirane, [(hexadecyloxy)methyl]-	*	61.100	J		
P3402-01	VNJ-222	Solid	Pentacosane	*	47.800	J		
P3402-01	VNJ-222	Solid	Terephthalic acid, 3-methylbut-2-y	*	61.100	J		
P3402-01	VNJ-222	Solid	unknown14.757	*	77.200	J		
P3402-01	VNJ-222	Solid	unknown9.969	*	340.000	J		
			Total Tics :		1,301.00			
P3402-01	VNJ-222	Solid	Bis(2-ethylhexyl)phthalate		150.000	61.6	120	ug/Kg
			Total Svoc :		150.00			
			Total Concentration:		1,451.00			
Client ID : 355								
P3402-03	355	Solid	(S)-(+)-1,2-Propanediol	*	65.300	J		
P3402-03	355	Solid	1,3-Benzenedicarboxylic acid, bis	*	120.000	J		
P3402-03	355	Solid	1-Phenoxypropan-2-ol	*	67.800	J		
P3402-03	355	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3402-03	355	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	82.900	J		
P3402-03	355	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	56.400	J		
P3402-03	355	Solid	Bromoacetic acid, octadecyl ester	*	58.400	J		
P3402-03	355	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3402-03	355	Solid	Cholest-5-ene, 3-ethoxy-, (3.beta.	*	63.100	J		
P3402-03	355	Solid	Eicosane	*	110.000	J		
P3402-03	355	Solid	Hentriacontane	*	88.700	J		
P3402-03	355	Solid	n-Hexadecanoic acid	*	72.700	J		
P3402-03	355	Solid	n-Tetracosanol-1	*	96.100	J		
P3402-03	355	Solid	Pentacosane	*	77.100	J		
P3402-03	355	Solid	Pentadecafluorooctanoic acid, oct	*	190.000	J		
P3402-03	355	Solid	Tetratetracontane	*	54.600	J		
P3402-03	355	Solid	unknown13.410	*	83.800	J		
P3402-03	355	Solid	unknown18.515	*	56.800	J		
P3402-03	355	Solid	unknown9.975	*	690.000	J		
			Total Tics :		3,443.70			
P3402-03	355	Solid	1,1-Biphenyl		130.000	58.4	110	ug/Kg
			Total Svoc :		130.00			
			Total Concentration:		3,573.70			
Client ID : RT3054								
P3403-01	RT3054	Solid	(+)-2-Bornanone	*	110.000	J		
P3403-01	RT3054	Solid	.beta.-Sitosterol	*	740.000	J		
P3403-01	RT3054	Solid	1,3,4-Trimethyladamantane	*	130.000	J		
P3403-01	RT3054	Solid	1-Tetracosene	*	1,200.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3403-01	RT3054	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3 *	890.000	J			
P3403-01	RT3054	Solid	Benzo[e]pyrene *	1,200.000	J			
P3403-01	RT3054	Solid	Decahydro-1,1,4a,5,6-pentamethy *	380.000	J			
P3403-01	RT3054	Solid	Naphthalene, 1,3-dimethyl-	230.000	J			
P3403-01	RT3054	Solid	Nonadecane *	800.000	J			
P3403-01	RT3054	Solid	Pyrene, hexadecahydro-	490.000	J			
P3403-01	RT3054	Solid	Stigmast-4-en-3-one *	850.000	J			
P3403-01	RT3054	Solid	unknown9.110 *	100.000	J			
P3403-01	RT3054	Solid	unknown9.581 *	780.000	J			
P3403-01	RT3054	Solid	unknown9.645 *	300.000	J			
P3403-01	RT3054	Solid	unknown9.828 *	180.000	J			
Total Tics :				8,380.00				
P3403-01	RT3054	Solid	1-Methylnaphthalene	220.000	J	110	230	ug/Kg
P3403-01	RT3054	Solid	2-Methylnaphthalene	110.000	J	110	230	ug/Kg
P3403-01	RT3054	Solid	Acenaphthene	160.000	J	110	230	ug/Kg
P3403-01	RT3054	Solid	Acenaphthylene	270.000		120	230	ug/Kg
P3403-01	RT3054	Solid	Anthracene	490.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Benzo(a)anthracene	2,000.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Benzo(a)pyrene	1,800.000		120	230	ug/Kg
P3403-01	RT3054	Solid	Benzo(b)fluoranthene	2,200.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Benzo(g,h,i)perylene	750.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Benzo(k)fluoranthene	700.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Bis(2-ethylhexyl)phthalate	210.000	J	120	230	ug/Kg
P3403-01	RT3054	Solid	Chrysene	2,300.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Dibenzo(a,h)anthracene	220.000	J	110	230	ug/Kg
P3403-01	RT3054	Solid	Fluoranthene	4,900.000	E	110	230	ug/Kg
P3403-01	RT3054	Solid	Fluorene	350.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Indeno(1,2,3-cd)pyrene	660.000		100	230	ug/Kg
P3403-01	RT3054	Solid	Phenanthrene	3,100.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Pyrene	2,800.000		110	230	ug/Kg
P3403-01	RT3054	Solid	Total PAH	22,700.000		1770	3680	ug/Kg
Total Svoc :				45,940.00				
Total Concentration:				54,320.00				
Client ID : RBR251686								
P3403-03	RBR251686	Solid	1,4 Benzodioxan-6-amine *	300.000	J			
P3403-03	RBR251686	Solid	3-Octyne, 2,2,7-trimethyl-	550.000	J			
Total Tics :				850.00				
P3403-03	RBR251686	Solid	Bis(2-ethylhexyl)phthalate	800.000		120	220	ug/Kg
Total Svoc :				800.00				

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,650.00				
Client ID : CONCRETE-PADS								
P3406-02	CONCRETE-PADS	Solid	1-Iodo-2-methylundecane	*	150.000	J		
P3406-02	CONCRETE-PADS	Solid	2,6,10-Trimethyltridecane	*	90.700	J		
P3406-02	CONCRETE-PADS	Solid	2-Bromo dodecane	*	210.000	J		
P3406-02	CONCRETE-PADS	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	3,400.000	A		
P3406-02	CONCRETE-PADS	Solid	3-Hexen-2-one	*	250.000	J		
P3406-02	CONCRETE-PADS	Solid	Docosane	*	400.000	J		
P3406-02	CONCRETE-PADS	Solid	Dodecane, 2-methyl-6-propyl-	*	820.000	J		
P3406-02	CONCRETE-PADS	Solid	Heneicosane	*	730.000	J		
P3406-02	CONCRETE-PADS	Solid	Heptacosane	*	400.000	J		
P3406-02	CONCRETE-PADS	Solid	Heptadecane, 2,6,10,15-tetramethy	*	170.000	J		
P3406-02	CONCRETE-PADS	Solid	Hexadecane	*	100.000	J		
P3406-02	CONCRETE-PADS	Solid	Hexadecane, 2,6,10,14-tetramethy	*	650.000	J		
P3406-02	CONCRETE-PADS	Solid	Nonadecane	*	720.000	J		
P3406-02	CONCRETE-PADS	Solid	Octadecane	*	600.000	J		
P3406-02	CONCRETE-PADS	Solid	Pentadecane	*	180.000	J		
P3406-02	CONCRETE-PADS	Solid	Silane, trichlorooctadecyl-	*	310.000	J		
P3406-02	CONCRETE-PADS	Solid	Tetracosane	*	310.000	J		
P3406-02	CONCRETE-PADS	Solid	Tetradecane	*	310.000	J		
P3406-02	CONCRETE-PADS	Solid	Tridecane, 3-methyl-	*	320.000	J		
P3406-02	CONCRETE-PADS	Solid	Tridecane, 7-hexyl-	*	770.000	J		
Total Tics :				10,890.70				
Total Concentration:				10,890.70				
Client ID : EO-02-073124								
P3413-01	EO-02-073124	Solid	11H-Benzo[a]fluorene	*	480.000	J		
P3413-01	EO-02-073124	Solid	11H-Benzo[b]fluorene	*	460.000	J		
P3413-01	EO-02-073124	Solid	16-Octadecenoic acid, methyl este	*	2,400.000	J		
P3413-01	EO-02-073124	Solid	4H-Cyclopenta[def]phenanthrene	*	410.000	J		
P3413-01	EO-02-073124	Solid	Benzo[e]pyrene	*	850.000	J		
P3413-01	EO-02-073124	Solid	Decane, 2,6,8-trimethyl-	*	540.000	J		
P3413-01	EO-02-073124	Solid	Eicosane	*	260.000	J		
P3413-01	EO-02-073124	Solid	Hexadecane	*	1,200.000	J		
P3413-01	EO-02-073124	Solid	Hexadecanoic acid, methyl ester	*	830.000	J		
P3413-01	EO-02-073124	Solid	N,N-Dimethyloctylamine	*	1,600.000	J		
P3413-01	EO-02-073124	Solid	Naphthalene, 1,3-dimethyl-	*	320.000	J		
P3413-01	EO-02-073124	Solid	Naphthalene, 1,6,7-trimethyl-	*	240.000	J		
P3413-01	EO-02-073124	Solid	Naphthalene, 1,6-dimethyl-	*	370.000	J		
P3413-01	EO-02-073124	Solid	Naphthalene, 2,7-dimethyl-	*	630.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3413-01	EO-02-073124	Solid	Pentadecane	*	800.000	J		
P3413-01	EO-02-073124	Solid	Phenanthrene, 1-methyl-	*	380.000	J		
P3413-01	EO-02-073124	Solid	Pyrene, 1-methyl-	*	310.000	J		
P3413-01	EO-02-073124	Solid	Silane, trichlorooctadecyl-	*	490.000	J		
P3413-01	EO-02-073124	Solid	Tetradecane	*	770.000	J		
P3413-01	EO-02-073124	Solid	Tridecane	*	320.000	J		
Total Tics :				13,660.00				
P3413-01	EO-02-073124	Solid	1-Methylnaphthalene	460.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	2-Methylnaphthalene	390.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Acenaphthene	430.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Acenaphthylene	350.000		120	230	ug/Kg
P3413-01	EO-02-073124	Solid	Anthracene	1,300.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Benzo(a)anthracene	1,900.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Benzo(a)pyrene	1,600.000		120	230	ug/Kg
P3413-01	EO-02-073124	Solid	Benzo(b)fluoranthene	1,700.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Benzo(g,h,i)perylene	710.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Benzo(k)fluoranthene	660.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Carbazole	540.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Chrysene	1,600.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Dibenzo(a,h)anthracene	210.000	J	110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Dibenzofuran	320.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Fluoranthene	4,500.000	E	110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Fluorene	1,100.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Indeno(1,2,3-cd)pyrene	600.000		100	230	ug/Kg
P3413-01	EO-02-073124	Solid	Naphthalene	190.000	J	110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Phenanthrene	4,600.000	E	110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Pyrene	3,500.000		110	230	ug/Kg
P3413-01	EO-02-073124	Solid	Total PAH	24,950.000		1770	3680	ug/Kg
Total Svoc :				51,610.00				
Total Concentration:				65,270.00				

Client ID : PL-02-07312024-A

P3414-01	PL-02-07312024-A	Solid	1-Isopropenylnaphthalene	*	140.000	J		
P3414-01	PL-02-07312024-A	Solid	11H-Benzo[b]fluorene	*	340.000	J		
P3414-01	PL-02-07312024-A	Solid	4H-Cyclopenta[def]phenanthrene	*	470.000	J		
P3414-01	PL-02-07312024-A	Solid	5H-Dibenzo[a,d]cycloheptene	*	180.000	J		
P3414-01	PL-02-07312024-A	Solid	9H-Fluoren-3-ol	*	250.000	J		
P3414-01	PL-02-07312024-A	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	160.000	J		
P3414-01	PL-02-07312024-A	Solid	Benzo[e]pyrene	*	1,200.000	J		
P3414-01	PL-02-07312024-A	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 1,3-dimethyl-	*	140.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 1,4,6-trimethyl-	*	300.000	J		
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 1,7-dimethyl-	*	180.000	J		
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 1-phenyl-	*	150.000	J		
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 2,3,6-trimethyl-	*	200.000	J		
P3414-01	PL-02-07312024-A	Solid	Naphthalene, 2,3-dimethyl-	*	210.000	J		
P3414-01	PL-02-07312024-A	Solid	Perylene	*	3,000.000	J		
P3414-01	PL-02-07312024-A	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P3414-01	PL-02-07312024-A	Solid	Phenanthrene, 2-methyl-	*	250.000	J		
P3414-01	PL-02-07312024-A	Solid	Pyrene, 1-methyl-	*	250.000	J		
P3414-01	PL-02-07312024-A	Solid	Pyrene, 2-methyl-	*	200.000	J		
P3414-01	PL-02-07312024-A	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	*	140.000	J		
Total Tics :					8,100.00			
P3414-01	PL-02-07312024-A	Solid	1-Methylnaphthalene		110.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	2-Methylnaphthalene		110.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Acenaphthene		180.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Acenaphthylene		840.000		110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Anthracene		1,200.000		110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Benzo(a)anthracene		5,400.000	E	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Benzo(a)pyrene		4,900.000	E	120	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Benzo(b)fluoranthene		6,000.000	E	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Benzo(g,h,i)perylene		2,100.000		100	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Benzo(k)fluoranthene		2,000.000		110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Carbazole		180.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Chrysene		4,300.000	E	100	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Dibenzo(a,h)anthracene		620.000		110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Dibenzofuran		170.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Fluoranthene		10,100.000	E	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Fluorene		480.000		110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Indeno(1,2,3-cd)pyrene		2,000.000		100	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Naphthalene		130.000	J	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Phenanthrene		4,300.000	E	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Pyrene		7,800.000	E	110	ug/Kg
P3414-01	PL-02-07312024-A	Solid	Total PAH		52,350.000		1740	ug/Kg
Total Svoc :					105,270.00			
Total Concentration:					113,370.00			
Client ID : PL-02-07312024-B								
P3414-03	PL-02-07312024-B	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	160.000	J		
P3414-03	PL-02-07312024-B	Solid	11H-Benzo[b]fluorene	*	85.600	J		
P3414-03	PL-02-07312024-B	Solid	2-Naphthyl methyl ketone	*	100.000	J		
P3414-03	PL-02-07312024-B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3414-03	PL-02-07312024-B	Solid	4H-Cyclopenta[def]phenanthrene *	200.000	J			
P3414-03	PL-02-07312024-B	Solid	Benzene, [1-(2,4-cyclopentadien-1 *	130.000	J			
P3414-03	PL-02-07312024-B	Solid	Benzo[e]pyrene *	100.000	J			
P3414-03	PL-02-07312024-B	Solid	Fluoranthene, 2-methyl- *	180.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 1,2-dimethyl- *	190.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 1,3-dimethyl- *	140.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 1,4,6-trimethyl- *	83.700	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 1,6,7-trimethyl- *	130.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 2,3,6-trimethyl- *	110.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 2,3-dimethyl- *	120.000	J			
P3414-03	PL-02-07312024-B	Solid	Naphthalene, 2,7-dimethyl- *	110.000	J			
P3414-03	PL-02-07312024-B	Solid	Perylene *	250.000	J			
P3414-03	PL-02-07312024-B	Solid	Phenanthrene, 1-methyl- *	100.000	J			
P3414-03	PL-02-07312024-B	Solid	Phenanthrene, 2-methyl- *	86.000	J			
P3414-03	PL-02-07312024-B	Solid	Pyrene, 1-methyl- *	120.000	J			
P3414-03	PL-02-07312024-B	Solid	Pyrene, 4-methyl- *	95.100	J			
Total Tics :				2,610.40				
P3414-03	PL-02-07312024-B	Solid	1-Methylnaphthalene	72.600	J	53.7	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	2-Methylnaphthalene	63.400	J	53.2	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Acenaphthene	230.000		52.3	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Acenaphthylene	260.000		55.8	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Anthracene	990.000		54.5	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Benzo(a)anthracene	2,800.000	E	52.1	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Benzo(a)pyrene	2,600.000	E	60	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Benzo(b)fluoranthene	2,900.000	E	52.3	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Benzo(g,h,i)perylene	990.000		51.7	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Benzo(k)fluoranthene	1,100.000		53.3	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Carbazole	130.000		51.8	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Chrysene	2,300.000	E	51.3	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Dibenzo(a,h)anthracene	270.000		52.4	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Dibenzofuran	230.000		54.5	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Fluoranthene	5,700.000	E	52.7	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Fluorene	460.000		55.2	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Indeno(1,2,3-cd)pyrene	930.000		50.4	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Phenanthrene	3,400.000	E	54.2	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Pyrene	4,400.000	E	53.6	110	ug/Kg
P3414-03	PL-02-07312024-B	Solid	Total PAH	29,330.000		855.1	1760	ug/Kg
Total Svoc :				59,156.00				
Total Concentration:				61,766.40				

Client ID : TR-06-073124

Hit Summary Sheet SW-846

SDG No.: BF080224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3417-01	TR-06-073124	Solid	2-Pentanone, 4-hydroxy-4-methyl *	150.000	A			
P3417-01	TR-06-073124	Solid	9,10-Anthracenedione *	170.000	J			
P3417-01	TR-06-073124	Solid	Benzo[e]pyrene *	220.000	J			
P3417-01	TR-06-073124	Solid	Cyclopentadecane *	230.000	J			
P3417-01	TR-06-073124	Solid	Decane, 2,3,5,8-tetramethyl- *	230.000	J			
P3417-01	TR-06-073124	Solid	Dodecane *	120.000	J			
P3417-01	TR-06-073124	Solid	Dodecane, 2-methyl-6-propyl- *	500.000	J			
P3417-01	TR-06-073124	Solid	Eicosane *	470.000	J			
P3417-01	TR-06-073124	Solid	Heneicosane *	110.000	J			
P3417-01	TR-06-073124	Solid	Heptacosane *	320.000	J			
P3417-01	TR-06-073124	Solid	Heptadecane *	730.000	J			
P3417-01	TR-06-073124	Solid	Hexadecane *	420.000	J			
P3417-01	TR-06-073124	Solid	Hexadecane, 2,6,10,14-tetramethyl *	280.000	J			
P3417-01	TR-06-073124	Solid	n-Hexadecanoic acid *	220.000	J			
P3417-01	TR-06-073124	Solid	Naphthalene, 1,6,7-trimethyl- *	120.000	J			
P3417-01	TR-06-073124	Solid	Naphthalene, 2,7-dimethyl- *	140.000	J			
P3417-01	TR-06-073124	Solid	Nonadecane *	560.000	J			
P3417-01	TR-06-073124	Solid	Pentadecane *	230.000	J			
P3417-01	TR-06-073124	Solid	Tetradecane *	180.000	J			
P3417-01	TR-06-073124	Solid	Tridecane, 2-methyl- *	430.000	J			
Total Tics :				5,830.00				
P3417-01	TR-06-073124	Solid	Anthracene	75.600	J	51.7	100	ug/Kg
P3417-01	TR-06-073124	Solid	Benzo(a)anthracene	510.000		49.4	100	ug/Kg
P3417-01	TR-06-073124	Solid	Benzo(a)pyrene	580.000		57	100	ug/Kg
P3417-01	TR-06-073124	Solid	Benzo(b)fluoranthene	720.000		49.7	100	ug/Kg
P3417-01	TR-06-073124	Solid	Benzo(g,h,i)perylene	280.000		49.1	100	ug/Kg
P3417-01	TR-06-073124	Solid	Benzo(k)fluoranthene	320.000		50.6	100	ug/Kg
P3417-01	TR-06-073124	Solid	Chrysene	480.000		48.7	100	ug/Kg
P3417-01	TR-06-073124	Solid	Dibenzo(a,h)anthracene	64.100	J	49.7	100	ug/Kg
P3417-01	TR-06-073124	Solid	Fluoranthene	1,100.000		50	100	ug/Kg
P3417-01	TR-06-073124	Solid	Indeno(1,2,3-cd)pyrene	240.000		47.8	100	ug/Kg
P3417-01	TR-06-073124	Solid	Phenanthrene	350.000		51.4	100	ug/Kg
P3417-01	TR-06-073124	Solid	Pyrene	760.000		50.8	100	ug/Kg
Total Svoc :				5,479.70				
Total Concentration:				11,309.70				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

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.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 09:43

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	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162320BL	77621	6.85	313051	8.12	178650	9.88
02	P001-CF05-01	67936	6.85	281569	8.12	155294	9.88
03	P001-CF05-01MS	61815	6.85	249938	8.13	129605	9.88
04	P001-CF05-01MSD	60696	6.85	239589	8.13	126304	9.88
05	P001-CF01-01	59286	6.85	241219	8.12	133102	9.87
06	P001-CF02-01	63039	6.85	259893	8.12	144841	9.88
07	P001-CF03-01	58274	6.85	243426	8.12	134618	9.87
08	355	69856	6.85	286958	8.12	151099	9.88
09	VNJ-222	55229	6.85	179350	8.12	113120	9.88
10	RT3054	42997	6.85	158444	8.12	71037 *	9.88
11	RBR251686	43695	6.85	184406	8.13	62808 *	9.90
12	EO-02-073124	51958	6.85	149689	8.13	83993	9.88
13	PL-02-07312024-A	49455	6.85	164357	8.13	83404	9.88
14	PL-02-07312024-B	46406	6.85	157893	8.13	78797	9.88
15	TR-06-073124	45805	6.85	156727	8.13	78183	9.88
16	P001-CF04-01	41758	6.85	139542 *	8.13	70552 *	9.88
17	P001-CF05-02	39347	6.85	134824 *	8.13	68465 *	9.88
18	CONCRETE-PADS	40640	6.85	139145 *	8.13	67644 *	9.88
19	WC-10-Full Waste ClassMS	48282	6.85	159905	8.13	79449	9.88
20	WC-10-Full Waste ClassMSD	54046	6.85	186861	8.13	89656	9.88
21	TR-06-07252024RE	53686	6.85	181434	8.13	93348	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 20:28

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	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138736.D Time Analyzed: 09:43

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	82479	6.845	327434	8.13	177546	9.88
	UPPER LIMIT	164958	7.345	654868	8.628	355092	10.38
	LOWER LIMIT	41239.5	6.345	163717	7.628	88773	9.38
	EPA SAMPLE NO.						
01	PB162320BL	77621	6.85	313051	8.12	178650	9.88
02	P001-CF05-01	67936	6.85	281569	8.12	155294	9.88
03	P001-CF05-01MS	61815	6.85	249938	8.13	129605	9.88
04	P001-CF05-01MSD	60696	6.85	239589	8.13	126304	9.88
05	P001-CF01-01	59286	6.85	241219	8.12	133102	9.87
06	P001-CF02-01	63039	6.85	259893	8.12	144841	9.88
07	P001-CF03-01	58274	6.85	243426	8.12	134618	9.87
08	355	69856	6.85	286958	8.12	151099	9.88
09	VNJ-222	55229	6.85	179350	8.12	113120	9.88
10	RT3054	42997	6.85	158444 *	8.12	71037 *	9.88
11	RBR251686	43695	6.85	184406	8.13	62808 *	9.90
12	EO-02-073124	51958	6.85	149689 *	8.13	83993 *	9.88
13	PL-02-07312024-A	49455	6.85	164357	8.13	83404 *	9.88
14	PL-02-07312024-B	46406	6.85	157893 *	8.13	78797 *	9.88
15	TR-06-073124	45805	6.85	156727 *	8.13	78183 *	9.88
16	P001-CF04-01	41758	6.85	139542 *	8.13	70552 *	9.88
17	P001-CF05-02	39347 *	6.85	134824 *	8.13	68465 *	9.88
18	CONCRETE-PADS	40640 *	6.85	139145 *	8.13	67644 *	9.88
19	WC-10-Full Waste ClassMS	48282	6.85	159905 *	8.13	79449 *	9.88
20	WC-10-Full Waste ClassMSD	54046	6.85	186861	8.13	89656	9.88
21	TR-06-07252024RE	53686	6.85	181434	8.13	93348	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138736.D Time Analyzed: 20:28

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	82479	6.845	327434	8.13	177546	9.88
UPPER LIMIT	164958	7.345	654868	8.628	355092	10.38
LOWER LIMIT	41239.5	6.345	163717	7.628	88773	9.38
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 09:43

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	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162320BL	331005	11.36	223684	14.00	162079	15.47
02	P001-CF05-01	273018	11.36	175404	14.00	141985	15.47
03	P001-CF05-01MS	206224	11.37	111808	14.01	129828	15.47
04	P001-CF05-01MSD	201242	11.37	110676	14.01	130238	15.47
05	P001-CF01-01	226426	11.36	137641	14.00	123154	15.47
06	P001-CF02-01	257903	11.36	174500	14.00	139023	15.47
07	P001-CF03-01	229934	11.36	141457	14.00	125197	15.46
08	355	236707	11.36	131622	14.00	149875	15.47
09	VNJ-222	172673	11.36	100199	14.00	118458	15.46
10	RT3054	115533	11.38	116060	14.02	109130	15.48
11	RBR251686	73000 *	11.46	88845	14.07	63837 *	15.49
12	EO-02-073124	162369	11.37	114788	14.01	94033	15.48
13	PL-02-07312024-A	166741	11.37	101772	14.02	88042	15.49
14	PL-02-07312024-B	155464	11.37	91131	14.02	81559	15.49
15	TR-06-073124	153599	11.37	92068	14.01	81484	15.48
16	P001-CF04-01	136866	11.37	84942	14.01	72116 *	15.48
17	P001-CF05-02	134958	11.37	88081	14.01	71268 *	15.47
18	CONCRETE-PADS	132943	11.37	85937	14.02	74382 *	15.48
19	WC-10-Full Waste ClassMS	155819	11.37	95799	14.02	81632	15.48
20	WC-10-Full Waste ClassMSD	156972	11.37	90048	14.02	77245	15.48
21	TR-06-07252024RE	178452	11.37	106775	14.01	91698	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 20:28

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	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138736.D Time Analyzed: 09:43

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	306768	11.369	140164	14.01	145528	15.468
	UPPER LIMIT	613536	11.869	280328	14.51	291056	15.968
	LOWER LIMIT	153384	10.869	70082	13.51	72764	14.968
	EPA SAMPLE NO.						
01	PB162320BL	331005	11.36	223684	14.00	162079	15.47
02	P001-CF05-01	273018	11.36	175404	14.00	141985	15.47
03	P001-CF05-01MS	206224	11.37	111808	14.01	129828	15.47
04	P001-CF05-01MSD	201242	11.37	110676	14.01	130238	15.47
05	P001-CF01-01	226426	11.36	137641	14.00	123154	15.47
06	P001-CF02-01	257903	11.36	174500	14.00	139023	15.47
07	P001-CF03-01	229934	11.36	141457	14.00	125197	15.46
08	355	236707	11.36	131622	14.00	149875	15.47
09	VNJ-222	172673	11.36	100199	14.00	118458	15.46
10	RT3054	115533 *	11.38	116060	14.02	109130	15.48
11	RBR251686	73000 *	11.46	88845	14.07	63837 *	15.49
12	EO-02-073124	162369	11.37	114788	14.01	94033	15.48
13	PL-02-07312024-A	166741	11.37	101772	14.02	88042	15.49
14	PL-02-07312024-B	155464	11.37	91131	14.02	81559	15.49
15	TR-06-073124	153599	11.37	92068	14.01	81484	15.48
16	P001-CF04-01	136866 *	11.37	84942	14.01	72116 *	15.48
17	P001-CF05-02	134958 *	11.37	88081	14.01	71268 *	15.47
18	CONCRETE-PADS	132943 *	11.37	85937	14.02	74382	15.48
19	WC-10-Full Waste ClassMS	155819	11.37	95799	14.02	81632	15.48
20	WC-10-Full Waste ClassMSD	156972	11.37	90048	14.02	77245	15.48
21	TR-06-07252024RE	178452	11.37	106775	14.01	91698	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080224 SAS No.: BF080224 SDG NO.: BF080224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BF138736.D Time Analyzed: 20:28

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	306768	11.369	140164	14.01	145528	15.468
UPPER LIMIT	613536	11.869	280328	14.51	291056	15.968
LOWER LIMIT	153384	10.869	70082	13.51	72764	14.968
EPA SAMPLE NO.						

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

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

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162320BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080224

SAS No.: BF080224 SDG NO.: BF080224

Lab File ID: BF138737.D

Lab Sample ID: PB162320BL

Instrument ID: BNA_F

Date Extracted: 07/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 09:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-10-Full Waste ClassMS	P3387-05MS	BF138755.D	08/02/2024
WC-10-Full Waste ClassMSD	P3387-05MSD	BF138756.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

355

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080224

SAS No.: BF080224 SDG NO.: BF080224

Lab File ID: BF138744.D

Lab Sample ID: P3402-03

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 13:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
355	P3402-03	BF138744.D	08/02/2024
VNJ-222	P3402-01	BF138745.D	08/02/2024
RT3054	P3403-01	BF138746.D	08/02/2024
RBR251686	P3403-03	BF138747.D	08/02/2024
CONCRETE-PADS	P3406-02	BF138754.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

P001-CF04-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080224

SAS No.: BF080224 SDG NO.: BF080224

Lab File ID: BF138752.D

Lab Sample ID: P3396-08

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 17:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
P001-CF04-01	P3396-08	BF138752.D	08/02/2024
P001-CF05-02	P3396-12	BF138753.D	08/02/2024
P001-CF05-01	P3396-16	BF138738.D	08/02/2024
P001-CF05-01MS	P3396-17MS	BF138739.D	08/02/2024
P001-CF05-01MSD	P3396-18MSD	BF138740.D	08/02/2024
P001-CF01-01	P3396-02	BF138741.D	08/02/2024
P001-CF02-01	P3396-04	BF138742.D	08/02/2024
P001-CF03-01	P3396-06	BF138743.D	08/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EO-02-073124

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080224

SAS No.: BF080224 SDG NO.: BF080224

Lab File ID: BF138748.D

Lab Sample ID: P3413-01

Instrument ID: BNA_F

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/02/2024

Level: (low/med) LOW

Time Analyzed: 15:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-02-073124	P3413-01	BF138748.D	08/02/2024
PL-02-07312024-A	P3414-01	BF138749.D	08/02/2024
PL-02-07312024-B	P3414-03	BF138750.D	08/02/2024
TR-06-073124	P3417-01	BF138751.D	08/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3396-17MS		Client Sample ID: P001-CF05-01MS		DataFile: BF138739.D							
n-Nitrosodimethylamine	50		20.6	ug/L	41				10	130	
Pyridine	50		17.5	ug/L	35				10	109	
Benzaldehyde	50		4	ug/L	8	*			10	137	
Aniline	50		35.8	ug/L	72				10	130	
Phenol	50		16	ug/L	32				10	130	
bis(2-Chloroethyl)ether	50		51	ug/L	102				29	141	
2-Chlorophenol	50		42.5	ug/L	85				23	127	
1,2-Dichlorobenzene	50		42	ug/L	84				61	114	
1,3-Dichlorobenzene	50		40.4	ug/L	81				65	106	
1,4-Dichlorobenzene	50		40.8	ug/L	82				55	125	
Benzyl Alcohol	50		35	ug/L	70				31	94	
2-Methylphenol	50		34.4	ug/L	69				23	132	
2,2-oxybis(1-Chloropropane)	50		50.6	ug/L	101				36	141	
Acetophenone	50		49.6	ug/L	99				31	164	
3+4-Methylphenols	50		30.1	ug/L	60				17	136	
N-Nitroso-di-n-propylamine	50		55.2	ug/L	110				36	147	
Hexachloroethane	50		39.4	ug/L	79				35	137	
Nitrobenzene	50		49.1	ug/L	98				40	134	
Isophorone	50		55.5	ug/L	111				39	146	
2-Nitrophenol	50		52.8	ug/L	106				30	148	
2,4-Dimethylphenol	50		51.6	ug/L	103				17	143	
bis(2-Chloroethoxy)methane	50		54.1	ug/L	108				39	143	
2,4-Dichlorophenol	50		50	ug/L	100				22	146	
1,2,4-Trichlorobenzene	50		44.6	ug/L	89				66	110	
Benzoic acid	50		10	ug/L	20				10	101	
Naphthalene	50		47.5	ug/L	95				17	157	
4-Chloroaniline	50		41.9	ug/L	84				10	95	
Hexachlorobutadiene	50		41.2	ug/L	82				52	125	
Caprolactam	50		8.3	ug/L	17				10	130	
4-Chloro-3-methylphenol	50		48.2	ug/L	96				17	148	
2-Methylnaphthalene	50		51.2	ug/L	102				38	146	
Hexachlorocyclopentadiene	100		130	ug/L	130				20	153	
2,4,6-Trichlorophenol	50		55.7	ug/L	111				46	139	
2,4,5-Trichlorophenol	50		53.1	ug/L	106				42	129	
1,1-Biphenyl	50		51.2	ug/L	102				38	154	
2-Chloronaphthalene	50		53	ug/L	106				41	145	
2-Nitroaniline	50		58	ug/L	116				39	151	
Dimethylphthalate	50	3	65.5	ug/L	125				42	147	
Acenaphthylene	50		59.9	ug/L	120				40	141	
2,6-Dinitrotoluene	50		57.5	ug/L	115				43	148	
3-Nitroaniline	50		43.8	ug/L	88				10	111	
Acenaphthene	50		54.1	ug/L	108				37	146	
Total PAH	800		917.3	ug/L	115				37	146	
2,4-Dinitrophenol	100		110	ug/L	110				14	167	
4-Nitrophenol	100		30.2	ug/L	30				10	130	
Dibenzofuran	50		56.8	ug/L	114				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	50		58.8	ug/L	118				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	100		116.3	ug/L	116				40	151	
Diethylphthalate	50		61.1	ug/L	122				41	148	
4-Chlorophenyl-phenylether	50		56.7	ug/L	113				38	149	
Fluorene	50		56.4	ug/L	113				39	144	
4-Nitroaniline	50		54.4	ug/L	109				27	138	
4,6-Dinitro-2-methylphenol	50		59.1	ug/L	118				32	175	
N-Nitrosodiphenylamine	50		61	ug/L	122				40	150	
Azobenzene	50		59.1	ug/L	118	*			72	112	
4-Bromophenyl-phenylether	50		58.3	ug/L	117				42	151	
Hexachlorobenzene	50		58.2	ug/L	116				60	129	
Atrazine	50		71.2	ug/L	142				20	162	
Pentachlorophenol	100		100	ug/L	100				15	137	
Phenanthrene	50		59	ug/L	118				40	147	
Anthracene	50		62.3	ug/L	125				41	146	
Carbazole	50		58.3	ug/L	117				37	154	
Di-n-butylphthalate	50		69.3	ug/L	139				40	151	
Fluoranthene	50		58	ug/L	116				42	146	
Benzydine	100		57.7	ug/L	58				10	130	
Pyrene	50		53.8	ug/L	108				41	149	
Butylbenzylphthalate	50		70.3	ug/L	141				39	155	
3,3-Dichlorobenzidine	50		62.7	ug/L	125	*			10	114	
Benzo(a)anthracene	50		59.5	ug/L	119				41	147	
Chrysene	50		61	ug/L	122				44	144	
bis(2-Ethylhexyl)phthalate	50		69.2	ug/L	138				33	160	
Di-n-octyl phthalate	50		62.1	ug/L	124				36	158	
Benzo(b)fluoranthene	50		59.1	ug/L	118				40	150	
Benzo(k)fluoranthene	50		58.6	ug/L	117				40	147	
Benzo(a)pyrene	50		61.8	ug/L	124				42	147	
Indeno(1,2,3-cd)pyrene	50		57.6	ug/L	115				30	166	
Dibenz(a,h)anthracene	50		56.8	ug/L	114				23	172	
Benzo(g,h,i)perylene	50		51.9	ug/L	104				27	167	
1,2,4,5-Tetrachlorobenzene	50		50.1	ug/L	100				89	102	
1,4-Dioxane	50		18	ug/L	36	*			38	130	
2,3,4,6-Tetrachlorophenol	50		57.7	ug/L	115	*			91	111	
1-Methylnaphthalene	50		48.6	ug/L	97				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3396-18MSD		Client Sample ID: P001-CF05-01MSD		DataFile: BF138740.D							
n-Nitrosodimethylamine	50		21.2	ug/L	42		2		10	130	20
Pyridine	50		18	ug/L	36		3		10	109	20
Benzaldehyde	50		4.1	ug/L	8	*	0		10	137	20
Aniline	50		36.3	ug/L	73		1		10	130	20
Phenol	50		16.3	ug/L	33		3		10	130	20
bis(2-Chloroethyl)ether	50		52.2	ug/L	104		2		29	141	20
2-Chlorophenol	50		43.8	ug/L	88		3		23	127	20
1,2-Dichlorobenzene	50		43.4	ug/L	87		4		61	114	20
1,3-Dichlorobenzene	50		41.3	ug/L	83		2		65	106	20
1,4-Dichlorobenzene	50		42	ug/L	84		2		55	125	20
Benzyl Alcohol	50		36.1	ug/L	72		3		31	94	20
2-Methylphenol	50		34.5	ug/L	69		0		23	132	20
2,2-oxybis(1-Chloropropane)	50		51.5	ug/L	103		2		36	141	20
Acetophenone	50		51.7	ug/L	103		4		31	164	20
3+4-Methylphenols	50		30.8	ug/L	62		3		17	136	20
N-Nitroso-di-n-propylamine	50		56.2	ug/L	112		2		36	147	20
Hexachloroethane	50		39.8	ug/L	80		1		35	137	20
Nitrobenzene	50		51.3	ug/L	103		5		40	134	20
Isophorone	50		58.2	ug/L	116		4		39	146	20
2-Nitrophenol	50		54.3	ug/L	109		3		30	148	20
2,4-Dimethylphenol	50		53.6	ug/L	107		4		17	143	20
bis(2-Chloroethoxy)methane	50		55.6	ug/L	111		3		39	143	20
2,4-Dichlorophenol	50		52.6	ug/L	105		5		22	146	20
1,2,4-Trichlorobenzene	50		46.5	ug/L	93		4		66	110	20
Benzoic acid	50		10.3	ug/L	21		5		10	101	20
Naphthalene	50		49.4	ug/L	99		4		17	157	20
4-Chloroaniline	50		42.5	ug/L	85		1		10	95	20
Hexachlorobutadiene	50		43.2	ug/L	86		5		52	125	20
Caprolactam	50		9	ug/L	18		6		10	130	20
4-Chloro-3-methylphenol	50		48.8	ug/L	98		2		17	148	20
2-Methylnaphthalene	50		53	ug/L	106		4		38	146	20
Hexachlorocyclopentadiene	100		140	ug/L	140		7		20	153	20
2,4,6-Trichlorophenol	50		57.5	ug/L	115		4		46	139	20
2,4,5-Trichlorophenol	50		54.5	ug/L	109		3		42	129	20
1,1-Biphenyl	50		52.1	ug/L	104		2		38	154	20
2-Chloronaphthalene	50		54.6	ug/L	109		3		41	145	20
2-Nitroaniline	50		60	ug/L	120		3		39	151	20
Dimethylphthalate	50	3	66.4	ug/L	127		2		42	147	20
Acenaphthylene	50		61.4	ug/L	123		2		40	141	20
2,6-Dinitrotoluene	50		58.8	ug/L	118		3		43	148	20
3-Nitroaniline	50		43.2	ug/L	86		2		10	111	20
Acenaphthene	50		56.2	ug/L	112		4		37	146	20
Total PAH	800		944.1	ug/L	118		3		37	146	20
2,4-Dinitrophenol	100		110	ug/L	110		0		14	167	20
4-Nitrophenol	100		30.9	ug/L	31		3		10	130	20
Dibenzofuran	50		58.1	ug/L	116		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	50		60	ug/L	120		2		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	100		118.8	ug/L	119		3		40	151	20
Diethylphthalate	50		62.4	ug/L	125		2		41	148	20
4-Chlorophenyl-phenylether	50		58.4	ug/L	117		3		38	149	20
Fluorene	50		57.4	ug/L	115		2		39	144	20
4-Nitroaniline	50		55.8	ug/L	112		3		27	138	20
4,6-Dinitro-2-methylphenol	50		61.5	ug/L	123		4		32	175	20
N-Nitrosodiphenylamine	50		63	ug/L	126		3		40	150	20
Azobenzene	50		59.9	ug/L	120	*	2		72	112	20
4-Bromophenyl-phenylether	50		59.6	ug/L	119		2		42	151	20
Hexachlorobenzene	50		58.1	ug/L	116		0		60	129	20
Atrazine	50		73.4	ug/L	147		3		20	162	20
Pentachlorophenol	100		110	ug/L	110		10		15	137	20
Phenanthrene	50		60.4	ug/L	121		3		40	147	20
Anthracene	50		62.7	ug/L	125		0		41	146	20
Carbazole	50		59.8	ug/L	120		3		37	154	20
Di-n-butylphthalate	50		70.5	ug/L	141		1		40	151	20
Fluoranthene	50		59.3	ug/L	119		3		42	146	20
Benzydine	100		58.9	ug/L	59		2		10	130	20
Pyrene	50		54.8	ug/L	110		2		41	149	20
Butylbenzylphthalate	50		71.9	ug/L	144		2		39	155	20
3,3-Dichlorobenzidine	50		64.4	ug/L	129	*	3		10	114	20
Benzo(a)anthracene	50		61.9	ug/L	124		4		41	147	20
Chrysene	50		63	ug/L	126		3		44	144	20
bis(2-Ethylhexyl)phthalate	50		72.3	ug/L	145		5		33	160	20
Di-n-octyl phthalate	50		65.2	ug/L	130		5		36	158	20
Benzo(b)fluoranthene	50		62.9	ug/L	126		7		40	150	20
Benzo(k)fluoranthene	50		59.8	ug/L	120		3		40	147	20
Benzo(a)pyrene	50		64.2	ug/L	128		3		42	147	20
Indeno(1,2,3-cd)pyrene	50		58.9	ug/L	118		3		30	166	20
Dibenz(a,h)anthracene	50		58.3	ug/L	117		3		23	172	20
Benzo(g,h,i)perylene	50		53.5	ug/L	107		3		27	167	20
1,2,4,5-Tetrachlorobenzene	50		51.6	ug/L	103	*	3		89	102	20
1,4-Dioxane	50		19	ug/L	38		5		38	130	20
2,3,4,6-Tetrachlorophenol	50		60.2	ug/L	120	*	4		91	111	20
1-Methylnaphthalene	50		50.4	ug/L	101		4		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3387-05MS		Client Sample ID: WC-10-Full Waste ClassMS		DataFile: BF138755.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		830	ug/Kg	75				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		660	ug/Kg	60				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		980	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				52	115	
Acetophenone	1100		1200	ug/Kg	109				75	111	
3+4-Methylphenols	1100		970	ug/Kg	88				53	132	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		910	ug/Kg	83				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1000	ug/Kg	91				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				83	144	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		880	ug/Kg	80				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		710	ug/Kg	65				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200		530	ug/Kg	24				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		1300	ug/Kg	118	*			20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600	1687.3	20110	ug/Kg	114				70	121	
2,4-Dinitrophenol	2200		300	ug/Kg	14	*			16	160	
4-Nitrophenol	2200		2800	ug/Kg	127				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1300	ug/Kg	118	*			70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1300	ug/Kg	118	*			68	116	
4-Nitroaniline	1100		1500	ug/Kg	136	*			55	120	
4,6-Dinitro-2-methylphenol	1100		160	ug/Kg	15	*			32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1300	ug/Kg	118	*			73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2200		2400	ug/Kg	109				47	128	
Phenanthrene	1100	120	1300	ug/Kg	107				72	113	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1300	ug/Kg	118				59	119	
Di-n-butylphthalate	1100		1500	ug/Kg	136	*			69	118	
Fluoranthene	1100	370	1700	ug/Kg	121				59	125	
Benzidine	2200		870	ug/Kg	40				10	119	
Pyrene	1100	230	1300	ug/Kg	97				52	128	
Butylbenzylphthalate	1100		1700	ug/Kg	155	*			64	126	
3,3-Dichlorobenzidine	1100		1300	ug/Kg	118				10	164	
Benzo(a)anthracene	1100	150	1300	ug/Kg	105				71	114	
Chrysene	1100	160	1300	ug/Kg	104				57	121	
bis(2-Ethylhexyl)phthalate	1100		1700	ug/Kg	155	*			66	127	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				71	126	
Benzo(b)fluoranthene	1100	220	1500	ug/Kg	116				67	121	
Benzo(k)fluoranthene	1100	110	1300	ug/Kg	108				74	114	
Benzo(a)pyrene	1100	160	1400	ug/Kg	113				70	142	
Indeno(1,2,3-cd)pyrene	1100	75.4	1000	ug/Kg	84				61	125	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				67	130	
Benzo(g,h,i)perylene	1100	91.9	910	ug/Kg	74				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		750	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118				56	133	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3387-05MSD		Client Sample ID: WC-10-Full Waste ClassMSD		DataFile: BF138756.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		940	ug/Kg	85		13		45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	20
Aniline	1100		740	ug/Kg	67		11		10	88	20
Phenol	1100		1100	ug/Kg	100		9		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		74	116	20
2-Chlorophenol	1100		1200	ug/Kg	109		9		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		12		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		52	115	20
Acetophenone	1100		1200	ug/Kg	109		0		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		13		53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		4		65	117	20
Nitrobenzene	1100		1200	ug/Kg	109		9		70	119	20
Isophorone	1100		1300	ug/Kg	118		8		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		9		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		0		83	144	20
bis(2-Chloroethoxy)methane	1100		1300	ug/Kg	118	*	8		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		9		72	118	20
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*	9		57	103	20
Benzoic acid	1100		970	ug/Kg	88		10		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		680	ug/Kg	62		5		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		1200	ug/Kg	109		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200		720	ug/Kg	33		32	*	10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		9		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	0		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		1200	ug/Kg	109		8		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		9		70	121	20
Total PAH	17600	1687.3	20630	ug/Kg	117		3		70	121	20
2,4-Dinitrophenol	2200		560	ug/Kg	25		56	*	16	160	20
4-Nitrophenol	2200		2500	ug/Kg	114		11		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1300	ug/Kg	118	*	0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	0		71	108	20
Fluorene	1100		1200	ug/Kg	109		8		68	116	20
4-Nitroaniline	1100		1400	ug/Kg	127	*	7		55	120	20
4,6-Dinitro-2-methylphenol	1100		270	ug/Kg	25	*	50	*	32	145	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		9		73	118	20
Azobenzene	1100		1200	ug/Kg	109		8		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1400	ug/Kg	127		0		79	127	20
Pentachlorophenol	2200		2400	ug/Kg	109		0		47	128	20
Phenanthrene	1100	120	1300	ug/Kg	107		0		72	113	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1300	ug/Kg	118		0		59	119	20
Di-n-butylphthalate	1100		1500	ug/Kg	136	*	0		69	118	20
Fluoranthene	1100	370	1700	ug/Kg	121		0		59	125	20
Benzidine	2200		900	ug/Kg	41		2		10	119	20
Pyrene	1100	230	1400	ug/Kg	106		9		52	128	20
Butylbenzylphthalate	1100		1800	ug/Kg	164	*	6		64	126	20
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127		7		10	164	20
Benzo(a)anthracene	1100	150	1400	ug/Kg	114		8		71	114	20
Chrysene	1100	160	1400	ug/Kg	113		8		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1700	ug/Kg	155	*	0		66	127	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		0		71	126	20
Benzo(b)fluoranthene	1100	220	1500	ug/Kg	116		0		67	121	20
Benzo(k)fluoranthene	1100	110	1300	ug/Kg	108		0		74	114	20
Benzo(a)pyrene	1100	160	1500	ug/Kg	122		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100	75.4	1100	ug/Kg	93		10		61	125	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		0		67	130	20
Benzo(g,h,i)perylene	1100	91.9	930	ug/Kg	76		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		840	ug/Kg	76		11		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		8		56	133	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF080224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3367-01RE	TR-06-07252024REBF138757.D		2-Fluorophenol	150	93.83	63		18	112
			Phenol-d6	150	83.27	56		15	107
			Nitrobenzene-d5	100	62.46	62		18	107
			2-Fluorobiphenyl	100	61.49	61		20	109
			2,4,6-Tribromophenol	150	98.75	66		10	110
			Terphenyl-d14	100	75.88	76		14	112

Surrogate Summary

SW-846

SDG No.: **BF080224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3387-05MS	WC-10-Full Waste (BF138755.D)		2-Fluorophenol	150	88.98	59		18	112
			Phenol-d6	150	93.58	62		15	107
			Nitrobenzene-d5	100	74.39	74		18	107
			2-Fluorobiphenyl	100	74.61	75		20	109
			2,4,6-Tribromophenol	150	122.95	82		10	110
			Terphenyl-d14	100	88.25	88		14	112
P3387-05MSD	WC-10-Full Waste (BF138756.D)		2-Fluorophenol	150	106.39	71		18	112
			Phenol-d6	150	101.26	68		15	107
			Nitrobenzene-d5	100	77.26	77		18	107
			2-Fluorobiphenyl	100	78.41	78		20	109
			2,4,6-Tribromophenol	150	113.99	76		10	110
			Terphenyl-d14	100	92.38	92		14	112
PB162320BL	PB162320BL	BF138737.D	2-Fluorophenol	150	138.74	92		18	112
			Phenol-d6	150	138.14	92		15	107
			Nitrobenzene-d5	100	95.22	95		18	107
			2-Fluorobiphenyl	100	89.60	90		20	109
			2,4,6-Tribromophenol	150	150.45	100		10	110
			Terphenyl-d14	100	96.63	97		14	112

Surrogate Summary

SW-846

SDG No.: **BF080224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3402-01	VNJ-222	BF138745.D	2-Fluorophenol	150	98.49	66		18	112
			Phenol-d6	150	109.57	73		15	107
			Nitrobenzene-d5	100	92.99	93		18	107
			2-Fluorobiphenyl	100	80.15	80		20	109
			2,4,6-Tribromophenol	150	107.16	71		10	110
			Terphenyl-d14	100	81.64	82		14	112
P3402-03	355	BF138744.D	2-Fluorophenol	150	87.01	58		18	112
			Phenol-d6	150	87.23	58		15	107
			Nitrobenzene-d5	100	59.05	59		18	107
			2-Fluorobiphenyl	100	60.80	61		20	109
			2,4,6-Tribromophenol	150	85.05	57		10	110
			Terphenyl-d14	100	65.65	66		14	112
P3403-01	RT3054	BF138746.D	2-Fluorophenol	150	85.71	57		18	112
			Phenol-d6	150	90.34	60		15	107
			Nitrobenzene-d5	100	63.31	63		18	107
			2-Fluorobiphenyl	100	67.49	67		20	109
			2,4,6-Tribromophenol	150	93.68	62		10	110
			Terphenyl-d14	100	50.88	51		14	112
P3403-03	RBR251686	BF138747.D	2-Fluorophenol	150	76.09	51		18	112
			Phenol-d6	150	78.48	52		15	107
			Nitrobenzene-d5	100	49.72	50		18	107
			2-Fluorobiphenyl	100	67.27	67		20	109
			2,4,6-Tribromophenol	150	72.95	49		10	110
			Terphenyl-d14	100	44.29	44		14	112
P3406-02	CONCRETE-PADSBF138754.D		2-Fluorophenol	150	67.69	45		18	112
			Phenol-d6	150	74.51	50		15	107
			Nitrobenzene-d5	100	66.61	67		18	107
			2-Fluorobiphenyl	100	69.86	70		20	109
			2,4,6-Tribromophenol	150	52.62	35		10	110
			Terphenyl-d14	100	80.32	80		14	112

Surrogate Summary

SW-846

SDG No.: **BF080224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3396-02	P001-CF01-01	BF138741.D	2-Fluorophenol	150	39.54	26		10	139
			Phenol-d6	150	26.67	18		10	134
			Nitrobenzene-d5	100	93.91	94		49	133
			2-Fluorobiphenyl	100	91.87	92		52	132
			2,4,6-Tribromophenol	150	102.20	68		32	145
			Terphenyl-d14	100	101.96	102		36	145
P3396-04	P001-CF02-01	BF138742.D	2-Fluorophenol	150	74.19	49		10	139
			Phenol-d6	150	49.86	33		10	134
			Nitrobenzene-d5	100	91.80	92		49	133
			2-Fluorobiphenyl	100	87.48	87		52	132
			2,4,6-Tribromophenol	150	145.82	97		32	145
			Terphenyl-d14	100	96.01	96		36	145
P3396-06	P001-CF03-01	BF138743.D	2-Fluorophenol	150	61.10	41		10	139
			Phenol-d6	150	36.39	24		10	134
			Nitrobenzene-d5	100	97.64	98		49	133
			2-Fluorobiphenyl	100	95.20	95		52	132
			2,4,6-Tribromophenol	150	152.82	102		32	145
			Terphenyl-d14	100	107.52	108		36	145
P3396-08	P001-CF04-01	BF138752.D	2-Fluorophenol	150	86.04	57		10	139
			Phenol-d6	150	51.93	35		10	134
			Nitrobenzene-d5	100	101.20	101		49	133
			2-Fluorobiphenyl	100	98.58	99		52	132
			2,4,6-Tribromophenol	150	163.30	109		32	145
			Terphenyl-d14	100	121.96	122		36	145
P3396-12	P001-CF05-02	BF138753.D	2-Fluorophenol	150	95.43	64		10	139
			Phenol-d6	150	58.12	39		10	134
			Nitrobenzene-d5	100	105.75	106		49	133
			2-Fluorobiphenyl	100	105.94	106		52	132
			2,4,6-Tribromophenol	150	179.74	120		32	145
			Terphenyl-d14	100	126.56	127		36	145
P3396-16	P001-CF05-01	BF138738.D	2-Fluorophenol	150	52.88	35		10	139
			Phenol-d6	150	32.16	21		10	134
			Nitrobenzene-d5	100	83.55	84		49	133
			2-Fluorobiphenyl	100	82.35	82		52	132
			2,4,6-Tribromophenol	150	142.44	95		32	145
			Terphenyl-d14	100	98.03	98		36	145
P3396-17MS	P001-CF05-01MS	BF138739.D	2-Fluorophenol	150	58.47	39		10	139
			Phenol-d6	150	35.66	24		10	134
			Nitrobenzene-d5	100	93.06	93		49	133
			2-Fluorobiphenyl	100	97.23	97		52	132
			2,4,6-Tribromophenol	150	148.89	99		32	145
			Terphenyl-d14	100	111.93	112		36	145
P3396-18MSD	P001-CF05-01MSDBF	138740.D	2-Fluorophenol	150	60.66	40		10	139
			Phenol-d6	150	36.62	24		10	134
			Nitrobenzene-d5	100	97.90	98		49	133
			2-Fluorobiphenyl	100	99.86	100		52	132
			2,4,6-Tribromophenol	150	152.51	102		32	145
			Terphenyl-d14	100	111.69	112		36	145

Surrogate Summary

SW-846

SDG No.: **BF080224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3413-01	EO-02-073124	BF138748.D	2-Fluorophenol	150	88.75	59		18	112
			Phenol-d6	150	77.78	52		15	107
			Nitrobenzene-d5	100	71.57	72		18	107
			2-Fluorobiphenyl	100	60.11	60		20	109
			2,4,6-Tribromophenol	150	92.88	62		10	110
			Terphenyl-d14	100	67.70	68		14	112
P3414-01	PL-02-07312024-A	BF138749.D	2-Fluorophenol	150	90.27	60		18	112
			Phenol-d6	150	78.92	53		15	107
			Nitrobenzene-d5	100	61.84	62		18	107
			2-Fluorobiphenyl	100	63.74	64		20	109
			2,4,6-Tribromophenol	150	97.61	65		10	110
			Terphenyl-d14	100	77.75	78		14	112
P3414-03	PL-02-07312024-B	BF138750.D	2-Fluorophenol	150	97.43	65		18	112
			Phenol-d6	150	86.41	58		15	107
			Nitrobenzene-d5	100	65.04	65		18	107
			2-Fluorobiphenyl	100	66.09	66		20	109
			2,4,6-Tribromophenol	150	106.00	71		10	110
			Terphenyl-d14	100	84.14	84		14	112
P3417-01	TR-06-073124	BF138751.D	2-Fluorophenol	150	126.47	84		18	112
			Phenol-d6	150	114.91	77		15	107
			Nitrobenzene-d5	100	86.61	87		18	107
			2-Fluorobiphenyl	100	88.71	89		20	109
			2,4,6-Tribromophenol	150	145.53	97		10	110
			Terphenyl-d14	100	108.91	109		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080224

Lab Code: CHEM

SAS No.: BF080224 SDG NO.: BF080224

Lab File ID: BF138735.D

DFTPP Injection Date: 08/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.4
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.4
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	81.8
443	15.0 - 24.0% of mass 442	15.6 (19) 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	BF138736.D	08/02/2024	09:13
PB162320BL	PB162320BL	BF138737.D	08/02/2024	09:43
P001-CF05-01	P3396-16	BF138738.D	08/02/2024	10:24
P001-CF05-01MS	P3396-17MS	BF138739.D	08/02/2024	10:55
P001-CF05-01MSD	P3396-18MSD	BF138740.D	08/02/2024	11:25
P001-CF01-01	P3396-02	BF138741.D	08/02/2024	11:56
P001-CF02-01	P3396-04	BF138742.D	08/02/2024	12:28
P001-CF03-01	P3396-06	BF138743.D	08/02/2024	12:59
355	P3402-03	BF138744.D	08/02/2024	13:30
VNJ-222	P3402-01	BF138745.D	08/02/2024	14:02
RT3054	P3403-01	BF138746.D	08/02/2024	14:34
RBR251686	P3403-03	BF138747.D	08/02/2024	15:06
EO-02-073124	P3413-01	BF138748.D	08/02/2024	15:38
PL-02-07312024-A	P3414-01	BF138749.D	08/02/2024	16:10
PL-02-07312024-B	P3414-03	BF138750.D	08/02/2024	16:42
TR-06-073124	P3417-01	BF138751.D	08/02/2024	17:14
P001-CF04-01	P3396-08	BF138752.D	08/02/2024	17:46
P001-CF05-02	P3396-12	BF138753.D	08/02/2024	18:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080224

Lab Code: CHEM

SAS No.: BF080224

SDG NO.: BF080224

Lab File ID: BF138735.D

DFTPP Injection Date: 08/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	39.4
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.4
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	81.8
443	15.0 - 24.0% of mass 442	15.6 (19) 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	P3406-02	BF138754.D	08/02/2024	18:51
WC-10-Full Waste ClassMS	P3387-05MS	BF138755.D	08/02/2024	19:24
WC-10-Full Waste ClassMSD	P3387-05MSD	BF138756.D	08/02/2024	19:56
TR-06-07252024RE	P3367-01RE	BF138757.D	08/02/2024	20:28