

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG No.: BF080524

Instrument ID: BNA_F Calibration Date/Time: 8/5/2024 12:13:02

Lab File ID: BF138782.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	0.802		-1.956	
Pyridine	1.374	1.299		-5.459	
2-Fluorophenol	1.296	1.283		-1.003	
Benzaldehyde	1.043	1.119		7.287	
Aniline	1.551	1.516		-2.257	
Phenol-d6	1.740	1.716		-1.379	
Phenol	1.832	1.787		-2.403	20.0
bis(2-Chloroethyl) ether	1.409	1.336		-5.181	
2-Chlorophenol	1.363	1.395		2.348	
1,2-Dichlorobenzene	1.439	1.476		2.571	
1,3-Dichlorobenzene	1.526	1.531		0.328	
1,4-Dichlorobenzene	1.540	1.543		0.195	20.0
Benzyl Alcohol	1.254	1.297		3.429	
2-Methylphenol	1.126	1.112		-1.243	
2,2-oxybis(1-Chloropropane)	2.426	1.986		-18.137	
Acetophenone	0.490	0.501		2.245	
3+4-Methylphenols	1.444	1.501		3.947	
n-Nitroso-di-n-propylamine	1.051	1.055	0.050	0.381	
Nitrobenzene-d5	0.409	0.406		-0.733	
Hexachloroethane	0.580	0.585		0.862	
Nitrobenzene	0.416	0.406		-2.404	
Isophorone	0.699	0.669		-4.292	
2-Nitrophenol	0.179	0.186		3.911	20.0
2,4-Dimethylphenol	0.214	0.209		-2.336	
bis(2-Chloroethoxy) methane	0.425	0.406		-4.471	
2,4-Dichlorophenol	0.275	0.279		1.455	20.0
1,2,4-Trichlorobenzene	0.318	0.318		0.0	
Benzoic acid	0.168	0.175		4.167	
Naphthalene	1.053	1.040		-1.235	
4-Chloroaniline	0.353	0.320		-9.348	
Hexachlorobutadiene	0.192	0.198		3.125	20.0
Caprolactam	0.082	0.086		4.878	
4-Chloro-3-methylphenol	0.315	0.323		2.54	20.0
2-Methylnaphthalene	0.665	0.672		1.053	
Hexachlorocyclopentadiene	0.120	0.115	0.050	-4.167	
2,4,6-Trichlorophenol	0.339	0.344		1.475	20.0
2-Fluorobiphenyl	1.331	1.403		5.409	
2,4,5-Trichlorophenol	0.370	0.376		1.622	
1,1-Biphenyl	1.566	1.572		0.383	

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Lab File ID: BF138782.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	1.178		1.116	
2-Nitroaniline	0.395	0.393		-0.506	
Dimethylphthalate	1.279	1.340		4.769	
Acenaphthylene	1.652	1.658		0.363	
2,6-Dinitrotoluene	0.289	0.305		5.536	
3-Nitroaniline	0.298	0.296		-0.671	
Acenaphthene	1.111	1.110		-0.09	20.0
2,4-Dinitrophenol	0.133	0.142	0.050	6.767	
4-Nitrophenol	0.179	0.165	0.050	-7.821	
Dibenzofuran	1.568	1.602		2.168	
2,4-Dinitrotoluene	0.368	0.410		11.413	
Diethylphthalate	1.213	1.316		8.491	
4-Chlorophenyl-phenylether	0.614	0.658		7.166	
Fluorene	1.249	1.330		6.485	
4-Nitroaniline	0.284	0.295		3.873	
4,6-Dinitro-2-methylphenol	0.122	0.132		8.197	
n-Nitrosodiphenylamine	0.625	0.636		1.76	20.0
Azobenzene	1.345	1.346		0.074	
2,4,6-Tribromophenol	0.164	0.187		14.024	
4-Bromophenyl-phenylether	0.217	0.226		4.147	
Hexachlorobenzene	0.224	0.231		3.125	
Atrazine	0.161	0.157		-2.484	
Pentachlorophenol	0.101	0.097		-3.96	20.0
Phenanthrene	1.030	1.065		3.398	
Anthracene	1.015	1.058		4.236	
Carbazole	0.875	0.909		3.886	
Di-n-butylphthalate	0.984	1.140		15.854	
Fluoranthene	0.961	1.024		6.556	20.0
Benzidine	0.478	0.321		-32.845	
Pyrene	1.883	2.023		7.435	
Terphenyl-d14	1.195	1.389		16.234	
Butylbenzylphthalate	0.603	0.639		5.97	
3,3-Dichlorobenzidine	0.352	0.360		2.273	
Benzo(a)anthracene	1.377	1.346		-2.251	
Chrysene	1.243	1.278		2.816	
Bis(2-ethylhexyl)phthalate	0.883	0.822		-6.908	
Di-n-octyl phthalate	1.634	1.471		-9.976	20.0
Benzo(b)fluoranthene	1.240	1.221		-1.532	
Benzo(k)fluoranthene	1.073	1.124		4.753	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG No.: BF080524

Instrument ID: BNA_F Calibration Date/Time: 8/5/2024 12:13:02

Lab File ID: BF138782.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	1.048		0.479	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.383		-3.489	
Dibenzo(a,h)anthracene	1.177	1.136		-3.483	
Benzo(g,h,i)perylene	1.221	1.133		-7.207	
1,2,4,5-Tetrachlorobenzene	0.556	0.570		2.518	
1,4-Dioxane	0.567	0.510		-10.053	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.281		-0.707	
1-Methylnaphthalene	0.652	0.659		1.074	

All other compounds must meet a minimum RRF of 0.010.

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:	PB162384BL	SDG No.:	BF080524
Lab Sample ID:	PB162384BL	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
BF138783.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BL	SDG No.:	BF080524
Lab Sample ID:	PB162384BL	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
BF138783.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162384BL	SDG No.:	BF080524
Lab Sample ID:	PB162384BL	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
BF138783.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

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	151.645		10-139		101	SPK: -150
13127-88-3	Phenol-d6	152.022		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	97.492		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	101.17		52-132		101	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:	PB162384BL	SDG No.:	BF080524
Lab Sample ID:	PB162384BL	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
BF138783.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	169.313		32-145		113	SPK: -150
1718-51-0	Terphenyl-d14	117.071		36-145		117	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40537	6.839				
1146-65-2	Naphthalene-d8	170265	8.122				
15067-26-2	Acenaphthene-d10	98906	9.874				
1517-22-2	Phenanthrene-d10	186482	11.363				
1719-03-5	Chrysene-d12	120457	14.004				
1520-96-3	Perylene-d12	84298	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5.6	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.5	A			5.092	
	unknown17.009	4.3	J			17.009	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138784.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138784.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138784.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	172.256		10-139		115	SPK: -150
13127-88-3	Phenol-d6	155.058		10-134		103	SPK: -150
4165-60-0	Nitrobenzene-d5	125.023		49-133		125	SPK: -100
321-60-8	2-Fluorobiphenyl	126.736		52-132		127	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138784.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	205.325		32-145		137	SPK: -150
1718-51-0	Terphenyl-d14	178.106	*	36-145		178	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30595	6.845				
1146-65-2	Naphthalene-d8	123545	8.122				
15067-26-2	Acenaphthene-d10	69922	9.874				
1517-22-2	Phenanthrene-d10	123121	11.363				
1719-03-5	Chrysene-d12	57633	14.004				
1520-96-3	Perylene-d12	32145	15.474				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080524
Lab Sample ID:	P3448-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138785.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080524
Lab Sample ID:	P3448-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138785.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080524
Lab Sample ID:	P3448-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138785.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	158.814		10-139		106	SPK: -150
13127-88-3	Phenol-d6	152.086		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	107.774		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	106.049		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP6	SDG No.:	BF080524
Lab Sample ID:	P3448-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138785.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	198.523		32-145		132	SPK: -150
1718-51-0	Terphenyl-d14	128.418		36-145		128	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41341	6.845				
1146-65-2	Naphthalene-d8	167137	8.122				
15067-26-2	Acenaphthene-d10	98775	9.875				
1517-22-2	Phenanthrene-d10	184227	11.363				
1719-03-5	Chrysene-d12	112526	14.01				
1520-96-3	Perylene-d12	72232	15.48				

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP7			SDG No.:	BF080524		
Lab Sample ID:	P3448-14			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138786.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP7	SDG No.:	BF080524
Lab Sample ID:	P3448-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138786.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

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

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP7			SDG No.:	BF080524		
Lab Sample ID:	P3448-14			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138786.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.006		10-139		93	SPK: -150
13127-88-3	Phenol-d6	129.634		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	94.084		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	94.211		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP7	SDG No.:	BF080524
Lab Sample ID:	P3448-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138786.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162473

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	180.994		32-145		121	SPK: -150
1718-51-0	Terphenyl-d14	114.394		36-145		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48221	6.845				
1146-65-2	Naphthalene-d8	201561	8.122				
15067-26-2	Acenaphthene-d10	115583	9.88				
1517-22-2	Phenanthrene-d10	214583	11.369				
1719-03-5	Chrysene-d12	127838	14.01				
1520-96-3	Perylene-d12	86946	15.48				

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF080524
Lab Sample ID:	P3352-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138787.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF080524
Lab Sample ID:	P3352-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138787.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

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

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF080524
Lab Sample ID:	P3352-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138787.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.94		10-139		81	SPK: -150
13127-88-3	Phenol-d6	112.361		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	83.434		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	87.621		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	SOIL-COMP	SDG No.:	BF080524
Lab Sample ID:	P3352-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138787.D	1	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162384

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.118		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	102.333		36-145		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44694	6.845				
1146-65-2	Naphthalene-d8	187385	8.122				
15067-26-2	Acenaphthene-d10	108639	9.875				
1517-22-2	Phenanthrene-d10	202790	11.363				
1719-03-5	Chrysene-d12	121549	14.004				
1520-96-3	Perylene-d12	80274	15.474				

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-04-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF138788.D	2	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.2	U	98.2	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99	U	99	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98	U	98	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.5	U	49.5	98.3	98.3	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.8	U	92.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-04-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF138788.D	2	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.2	U	95.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.7	U	87.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.9	U	90.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.6	U	99.6	160	210	ug/Kg
Total PAH	Total PAH	11420		1620.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	98.4	U	98.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.8	U	97.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.9	U	96.9	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-04-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF138788.D	2	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95	U	95	330	410	ug/Kg
85-01-8	Phenanthrene	800		100	160	210	ug/Kg
120-12-7	Anthracene	280		100	160	210	ug/Kg
86-74-8	Carbazole	98.7	U	98.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	2400		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	1800		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		99.1	160	210	ug/Kg
218-01-9	Chrysene	1000		97.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		99.6	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	530		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	1100		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		95.9	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	99.8	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480		98.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.8	U	91.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.762		18-112		48	SPK: -150
13127-88-3	Phenol-d6	71.418		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.794		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	59.742		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-04-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF138788.D	2	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.314		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	54.646		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51115	6.839				
1146-65-2	Naphthalene-d8	197244	8.122				
15067-26-2	Acenaphthene-d10	87662	9.874				
1517-22-2	Phenanthrene-d10	117148	11.363				
1719-03-5	Chrysene-d12	76699	14.01				
1520-96-3	Perylene-d12	59234	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	800	J			2.128	
000629-94-7	Heneicosane	210	J			10.78	
	unknown11.251	170	J			11.251	
002409-36-1	9H-Carbazole-9-methanol	130	J			11.598	
000610-48-0	Anthracene, 1-methyl-	270	J			11.863	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	290	J			11.892	
000203-64-5	4H-Cyclopenta[def]phenanthrene	590	J			11.974	
000612-94-2	Naphthalene, 2-phenyl-	140	J			12.157	
000084-65-1	9,10-Anthracenedione	130	J			12.192	
003674-66-6	Phenanthrene, 2,5-dimethyl-	210	J			12.416	
	unknown12.445	190	J			12.445	
005737-13-3	Cyclopenta(def)phenanthrenone	170	J			12.504	
002381-21-7	Pyrene, 1-methyl-	140	J			13.021	
000238-84-6	11H-Benzo[a]fluorene	210	J			13.133	
003442-78-2	Pyrene, 2-methyl-	140	J			13.239	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			13.757	
001705-85-7	Chrysene, 6-methyl-	420	J			14.392	
000192-97-2	Benzo[e]pyrene	110	J			15.156	
000198-55-0	Perylene	660	J			15.351	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-04-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF138788.D	2	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown15.909	200	J			15.909	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-05-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.3
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
BF138789.D	5	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	820	1000	ug/Kg
110-86-1	Pyridine	240	U	240	390	520	ug/Kg
100-52-7	Benzaldehyde	550	U	550	820	1000	ug/Kg
62-53-3	Aniline	290	U	290	390	520	ug/Kg
108-95-2	Phenol	250	U	250	390	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	520	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	390	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	520	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	820	1000	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	390	520	ug/Kg
98-86-2	Acetophenone	260	U	260	390	520	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	820	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	520	ug/Kg
98-95-3	Nitrobenzene	280	U	280	390	520	ug/Kg
78-59-1	Isophorone	260	U	260	390	520	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	390	520	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	520	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	520	ug/Kg
65-85-0	Benzoic acid	720	U	720	820	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	390	520	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	520	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	520	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-05-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.3
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
BF138789.D	5	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	820	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	390	520	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	820	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	390	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	520	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	390	520	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	520	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	390	520	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	390	520	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	520	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	520	ug/Kg
83-32-9	Acenaphthene	250	U	250	390	520	ug/Kg
Total PAH	Total PAH	19390	U	4040	390	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	740	U	740	820	1000	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	820	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	390	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	510	U	510	390	1040	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	520	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	520	ug/Kg
86-73-7	Fluorene	260	U	260	390	520	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	390	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	820	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	250	U	250	390	520	ug/Kg
103-33-3	Azobenzene	240	U	240	390	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	520	ug/Kg
118-74-1	Hexachlorobenzene	260	U	260	390	520	ug/Kg
1912-24-9	Atrazine	280	U	280	390	520	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-05-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.3
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
BF138789.D	5	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	820	1000	ug/Kg
85-01-8	Phenanthrene	1400		260	390	520	ug/Kg
120-12-7	Anthracene	390	J	260	390	520	ug/Kg
86-74-8	Carbazole	240	U	240	390	520	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	390	520	ug/Kg
206-44-0	Fluoranthene	3500		250	390	520	ug/Kg
92-87-5	Benzidine	500	U	500	820	1000	ug/Kg
129-00-0	Pyrene	3900		250	390	520	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	820	1000	ug/Kg
56-55-3	Benzo(a)anthracene	2000		250	390	520	ug/Kg
218-01-9	Chrysene	1900		240	390	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	390	520	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	820	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		250	390	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	800		250	390	520	ug/Kg
50-32-8	Benzo(a)pyrene	2000		280	390	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		240	390	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	390	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		240	390	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	520	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	390	520	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	25.11	*	18-112		17	SPK: -150
13127-88-3	Phenol-d6	46.275		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	35.815		18-107		36	SPK: -100
321-60-8	2-Fluorobiphenyl	44.9		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-05-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.3
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
BF138789.D	5	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	3.68	*	10-110		2	SPK: -150
1718-51-0	Terphenyl-d14	44.49		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45343	6.845				
1146-65-2	Naphthalene-d8	163946	8.122				
15067-26-2	Acenaphthene-d10	69702	9.875				
1517-22-2	Phenanthrene-d10	98729	11.363				
1719-03-5	Chrysene-d12	64006	14.01				
1520-96-3	Perylene-d12	51308	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000575-43-9	Naphthalene, 1,6-dimethyl-	400	J			9.534	
	unknown9.969	540	J			9.969	
004292-19-7	Dodecane, 1-iodo-	630	J			10.298	
000629-50-5	Tridecane	880	J			10.775	
1010309-12-5	Sulfurous acid, 2-propyl tetradecy	570	J			11.222	
000629-59-4	Tetradecane	470	J			11.651	
000832-69-9	Phenanthrene, 1-methyl-	650	J			11.863	
002531-84-2	Phenanthrene, 2-methyl-	630	J			11.892	
000779-02-2	Anthracene, 9-methyl-	1600	J			11.975	
000629-62-9	Pentadecane	420	J			12.057	
003674-66-6	Phenanthrene, 2,5-dimethyl-	830	J			12.416	
000593-45-3	Octadecane	940	J			12.445	
005737-13-3	Cyclopenta(def)phenanthrenone	600	J			12.504	
002381-21-7	Pyrene, 1-methyl-	560	J			13.027	
000243-17-4	11H-Benzo[b]fluorene	680	J			13.133	
003353-12-6	Pyrene, 4-methyl-	480	J			13.239	
003442-78-2	Pyrene, 2-methyl-	390	J			13.333	
033543-31-6	Fluoranthene, 2-methyl-	440	J			13.363	
000479-79-8	11H-Benzo[a]fluoren-11-one	400	J			13.645	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TR-05-082024	SDG No.:	BF080524
Lab Sample ID:	P3463-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.3
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
BF138789.D	5	8/5/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1100	J			15.351	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024	SDG No.:	BF080524
Lab Sample ID:	P3441-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138790.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

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	53.4	U	53.4	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	U	58	83	110	ug/Kg
98-86-2	Acetophenone	55.5	U	55.5	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.9	U	50.9	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	60.3	U	60.3	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	52.7	U	52.7	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024	SDG No.:	BF080524
Lab Sample ID:	P3441-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138790.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

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	47.2	U	47.2	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	60.6	U	60.6	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	56.9	U	56.9	83	110	ug/Kg
83-32-9	Acenaphthene	51.8	U	51.8	83	110	ug/Kg
Total PAH	Total PAH	845.9	U	845.9	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	83	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.1	U	108.1	83	220	ug/Kg
84-66-2	Diethylphthalate	51.1	U	51.1	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	54.6	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	58.3	U	58.3	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024	SDG No.:	BF080524
Lab Sample ID:	P3441-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138790.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.3	U	49.3	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	89.4	J	52.2	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	80.2	J	53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.9	U	62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.5	U	51.5	83	110	ug/Kg
218-01-9	Chrysene	56.2	J	50.7	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	70.2	U	70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	72.4	J	51.8	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.4	U	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	51.8	U	51.8	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.1	U	51.1	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	70.2	U	70.2	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	80.994		18-112		54	SPK: -150
13127-88-3	Phenol-d6	76.032		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.641		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.245		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	BU-02-08012024	SDG No.:	BF080524
Lab Sample ID:	P3441-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BF138790.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.415		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	65.148		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41049	6.845				
1146-65-2	Naphthalene-d8	149415	8.128				
15067-26-2	Acenaphthene-d10	64127	9.88				
1517-22-2	Phenanthrene-d10	91322	11.363				
1719-03-5	Chrysene-d12	57572	14.004				
1520-96-3	Perylene-d12	46847	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82.8	A			5.069	
	unknown11.892	42.8	J			11.892	
1000314-56-2	Carbonic acid, hexadecyl 2,2,2-tri	48.9	J			13.88	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080524
Lab Sample ID:	P3448-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138791.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	230	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.6	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.6	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	56.6	U	56.6	180	230	ug/Kg
95-48-7	2-Methylphenol	55	U	55	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.6	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.6	U	56.6	88.6	120	ug/Kg
98-95-3	Nitrobenzene	61.9	U	61.9	88.6	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.6	U	63.6	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.5	U	58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.8	U	56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080524
Lab Sample ID:	P3448-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138791.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.3	U	56.3	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	59.6	U	59.6	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	55.7	U	55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	88.6	120	ug/Kg
Total PAH	Total PAH	1367	U	903.6	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	180	230	ug/Kg
132-64-9	Dibenzofuran	57.6	U	57.6	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.5	U	115.5	88.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.6	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.4	U	58.4	88.6	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.8	U	79.8	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.8	U	53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	88.6	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.6	120	ug/Kg

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP5			SDG No.:	BF080524		
Lab Sample ID:	P3448-09			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.1		
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
BF138791.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	230	ug/Kg
85-01-8	Phenanthrene	240		57.3	88.6	120	ug/Kg
120-12-7	Anthracene	57.6	U	57.6	88.6	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.6	120	ug/Kg
206-44-0	Fluoranthene	290		55.7	88.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	250		56.6	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	130		55	88.6	120	ug/Kg
218-01-9	Chrysene	160		54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.1	U	62.1	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	140		55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	J	56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.4	U	55.4	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	75	U	75	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.104		18-112		69	SPK: -150
13127-88-3	Phenol-d6	99.47		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	74.04		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	77.085		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP5	SDG No.:	BF080524
Lab Sample ID:	P3448-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF138791.D	1	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.591		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	72.586		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43835	6.845				
1146-65-2	Naphthalene-d8	155612	8.128				
15067-26-2	Acenaphthene-d10	67811	9.881				
1517-22-2	Phenanthrene-d10	102051	11.369				
1719-03-5	Chrysene-d12	62074	14.016				
1520-96-3	Perylene-d12	53133	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.075	
071186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	53.9	J			7.11	
	unknown7.534	45.7	J			7.534	
017301-23-4	Undecane, 2,6-dimethyl-	83.6	J			8.181	
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	76.8	J			8.322	
	unknown8.563	170	J			8.563	
	unknown8.628	71.4	J			8.628	
001678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.	150	J			8.663	
	unknown8.863	150	J			8.863	
	unknown9.004	95.2	J			9.004	
	unknown9.116	120	J			9.116	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	210	J			9.586	
020576-59-4	2,10-Dodecadien-1-ol, 3,7,11-trime	170	J			9.745	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	250	J			10.198	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	CL-02-080124	SDG No.:	BF080524
Lab Sample ID:	P3442-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138792.D	2	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

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	110	U	110	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	53.5	U	53.5	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	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	CL-02-080124	SDG No.:	BF080524
Lab Sample ID:	P3442-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138792.D	2	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.8	U	94.8	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	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	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	CL-02-080124	SDG No.:	BF080524
Lab Sample ID:	P3442-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138792.D	2	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	390		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	330		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	240		110	170	230	ug/Kg
218-01-9	Chrysene	190	J	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	260		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	240		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.2	U	99.2	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.978		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.012		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	57.266		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	60.054		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	CL-02-080124	SDG No.:	BF080524
Lab Sample ID:	P3442-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138792.D	2	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.628		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	63.736		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41837	6.845				
1146-65-2	Naphthalene-d8	147454	8.128				
15067-26-2	Acenaphthene-d10	62340	9.881				
1517-22-2	Phenanthrene-d10	99235	11.363				
1719-03-5	Chrysene-d12	56420	14.004				
1520-96-3	Perylene-d12	49543	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	93.4	A			5.057	
000613-12-7	Anthracene, 2-methyl-	110	J			11.892	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			12.445	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138793.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138793.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	11850	U	4380	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138793.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	810		280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	2500		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	1900		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1200		270	430	560	ug/Kg
218-01-9	Chrysene	1000		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	570		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	1300		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	540	J	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.22		18-112		56	SPK: -150
13127-88-3	Phenol-d6	78.64		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	59.085		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	66.065		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP1	SDG No.:	BF080524
Lab Sample ID:	P3448-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138793.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.59		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	71.985		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39308	6.846				
1146-65-2	Naphthalene-d8	137958	8.128				
15067-26-2	Acenaphthene-d10	59656	9.881				
1517-22-2	Phenanthrene-d10	92035	11.363				
1719-03-5	Chrysene-d12	56185	14.01				
1520-96-3	Perylene-d12	49319	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000832-64-4	Phenanthrene, 4-methyl-	260	J			11.892	
000203-64-5	4H-Cyclopenta[def]phenanthrene	340	J			11.98	
033543-31-6	Fluoranthene, 2-methyl-	250	J			13.133	
000192-97-2	Benzo[c]pyrene	560	J			15.351	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080524
Lab Sample ID:	P3448-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138794.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	570	ug/Kg
100-52-7	Benzaldehyde	610	U	610	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	570	ug/Kg
108-95-2	Phenol	280	U	280	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	570	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	570	ug/Kg
78-59-1	Isophorone	280	U	280	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	570	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	570	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080524
Lab Sample ID:	P3448-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138794.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	570	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	570	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	440	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	4440	U	4440	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1140	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	570	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	440	570	ug/Kg
103-33-3	Azobenzene	270	U	270	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	570	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	570	ug/Kg
1912-24-9	Atrazine	310	U	310	440	570	ug/Kg

Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM		
Project:				Date Received:	8/1/2024 12:00:00 AM		
Client Sample ID:	TP2			SDG No.:	BF080524		
Lab Sample ID:	P3448-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	10.8		
Sample Wt/Vol:	50.01	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138794.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	280	U	280	440	570	ug/Kg
120-12-7	Anthracene	280	U	280	440	570	ug/Kg
86-74-8	Carbazole	270	U	270	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	440	570	ug/Kg
206-44-0	Fluoranthene	600		270	440	570	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	450	J	280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	310	J	270	440	570	ug/Kg
218-01-9	Chrysene	270	J	270	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	360	J	270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	330	J	310	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	270	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.925		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.26		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.34		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	62.975		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF080524
Lab Sample ID:	P3448-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138794.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.82		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	63.55		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43952	6.846				
1146-65-2	Naphthalene-d8	156511	8.128				
15067-26-2	Acenaphthene-d10	66287	9.881				
1517-22-2	Phenanthrene-d10	107831	11.369				
1719-03-5	Chrysene-d12	69685	14.01				
1520-96-3	Perylene-d12	56994	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown9.269	350	J			9.269	
	unknown9.781	240	J			9.781	
	unknown10.281	240	J			10.281	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080524
Lab Sample ID:	P3448-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF138795.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	580	ug/Kg
108-95-2	Phenol	280	U	280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	580	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	580	ug/Kg
98-86-2	Acetophenone	290	U	290	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	580	ug/Kg
78-59-1	Isophorone	290	U	290	440	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	580	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	390	J	280	440	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080524
Lab Sample ID:	P3448-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF138795.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	580	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	580	ug/Kg
208-96-8	Acenaphthylene	340	J	290	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	580	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	580	ug/Kg
83-32-9	Acenaphthene	880		270	440	580	ug/Kg
Total PAH	Total PAH	96190		4460	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	670		290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	670	U	570	440	1160	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	580	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	580	ug/Kg
86-73-7	Fluorene	1400		290	440	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	580	ug/Kg
103-33-3	Azobenzene	270	U	270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	580	ug/Kg
1912-24-9	Atrazine	310	U	310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080524
Lab Sample ID:	P3448-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF138795.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	15000	E	280	440	580	ug/Kg
120-12-7	Anthracene	3700		290	440	580	ug/Kg
86-74-8	Carbazole	910		270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	22500	E	280	440	580	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	14300	E	280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	8400		270	440	580	ug/Kg
218-01-9	Chrysene	7300		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	7400		270	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	3200		280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	6300		310	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		260	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	680		270	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	580	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.31		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.075		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	52.625		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	60.77		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080524
Lab Sample ID:	P3448-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF138795.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.11		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	57.845		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46814	6.845				
1146-65-2	Naphthalene-d8	167460	8.128				
15067-26-2	Acenaphthene-d10	71543	9.881				
1517-22-2	Phenanthrene-d10	113184	11.369				
1719-03-5	Chrysene-d12	74926	14.016				
1520-96-3	Perylene-d12	62786	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-42-0	Naphthalene, 2,6-dimethyl-	290	J			9.534	
001855-47-6	1-Isopropenylnaphthalene	330	J			10.492	
007320-53-8	Dibenzofuran, 4-methyl-	400	J			10.581	
000832-69-9	Phenanthrene, 1-methyl-	260	J			11.869	
002531-84-2	Phenanthrene, 2-methyl-	330	J			11.898	
000203-64-5	4H-Cyclopenta[def]phenanthrene	630	J			11.98	
002381-21-7	Pyrene, 1-methyl-	460	J			13.027	
000238-84-6	11H-Benzo[a]fluorene	660	J			13.139	
033543-31-6	Fluoranthene, 2-methyl-	280	J			13.204	
003442-78-2	Pyrene, 2-methyl-	340	J			13.245	
064401-21-4	Pyrene, 1,3-dimethyl-	260	J			13.563	
000479-79-8	11H-Benzo[a]fluoren-11-one	270	J			13.651	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	350	J			13.757	
027208-37-3	Cyclopenta[cd]pyrene	280	J			13.816	
000082-05-3	7H-Benz[de]anthracen-7-one	270	J			13.857	
001705-84-6	Triphenylene, 2-methyl-	250	J			14.398	
1000080-17-7	7,12-Dihydrobenzo[k]fluoranthene	660	J			14.892	
000192-97-2	Benzo[e]pyrene	1000	J			15.157	
000198-55-0	Perylene	3600	J			15.357	

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	TP3	SDG No.:	BF080524
Lab Sample ID:	P3448-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138795.D	5	8/2/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162460

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000215-58-7	Benzo[b]triphenylene	800	J			17.127	

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:	RT3054DL	SDG No.:	BF080524
Lab Sample ID:	P3403-01DL	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
BF138796.D	10	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	580	U	580	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	870	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	650	U	650	870	1100	ug/Kg
108-95-2	Phenol	550	U	550	870	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	U	560	870	1100	ug/Kg
95-57-8	2-Chlorophenol	560	U	560	870	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	570	U	570	870	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	580	U	580	870	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	580	U	580	870	1100	ug/Kg
100-51-6	Benzyl Alcohol	560	U	560	1800	2200	ug/Kg
95-48-7	2-Methylphenol	540	U	540	870	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610	U	610	870	1100	ug/Kg
98-86-2	Acetophenone	580	U	580	870	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	540	540	ug/Kg
67-72-1	Hexachloroethane	560	U	560	870	1100	ug/Kg
98-95-3	Nitrobenzene	610	U	610	870	1100	ug/Kg
78-59-1	Isophorone	570	U	570	870	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	870	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	870	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	870	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	510	U	510	870	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	570	U	570	870	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	870	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	870	1100	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	870	1100	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:	RT3054DL	SDG No.:	BF080524
Lab Sample ID:	P3403-01DL	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
BF138796.D	10	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	580	U	580	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	520	U	520	870	1100	ug/Kg
91-57-6	2-Methylnaphthalene	550	U	550	870	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	480	U	480	870	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	870	1100	ug/Kg
92-52-4	1,1-Biphenyl	590	U	590	870	1100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	870	1100	ug/Kg
88-74-4	2-Nitroaniline	640	U	640	870	1100	ug/Kg
131-11-3	Dimethylphthalate	550	U	550	870	1100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	870	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	560	U	560	870	1100	ug/Kg
99-09-2	3-Nitroaniline	600	U	600	870	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	870	1100	ug/Kg
Total PAH	Total PAH	21620	UD	8850	870	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	780	U	780	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	870	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	580	U	580	870	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	140	U	1140	870	2200	ug/Kg
84-66-2	Diethylphthalate	540	U	540	870	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	870	1100	ug/Kg
86-73-7	Fluorene	570	U	570	870	1100	ug/Kg
100-01-6	4-Nitroaniline	720	U	720	870	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780	U	780	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	550	U	550	870	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	870	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	U	530	870	1100	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	870	1100	ug/Kg
1912-24-9	Atrazine	610	U	610	870	1100	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:	RT3054DL	SDG No.:	BF080524
Lab Sample ID:	P3403-01DL	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
BF138796.D	10	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	520	U	520	1800	2200	ug/Kg
85-01-8	Phenanthrene	3200	D	560	870	1100	ug/Kg
120-12-7	Anthracene	560	U	560	870	1100	ug/Kg
86-74-8	Carbazole	540	U	540	870	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	870	1100	ug/Kg
206-44-0	Fluoranthene	4500	D	550	870	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	3600	D	560	870	1100	ug/Kg
85-68-7	Butylbenzylphthalate	650	U	650	870	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	U	660	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	2000	D	540	870	1100	ug/Kg
218-01-9	Chrysene	2100	D	530	870	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610	U	610	870	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	740	U	740	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	540	870	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	960	JD	550	870	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	620	870	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640	JD	520	870	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	540	U	540	870	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820	JD	540	870	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	870	1100	ug/Kg
123-91-1	1,4-Dioxane	740	U	740	870	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	500	U	500	870	1100	ug/Kg
90-12-0	1-Methylnaphthalene	560	U	560	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.32		18-112		51	SPK: -150
13127-88-3	Phenol-d6	69.23		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	53.31		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	60.85		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:	RT3054DL	SDG No.:	BF080524
Lab Sample ID:	P3403-01DL	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
BF138796.D	10	7/31/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.76		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	66.08		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36180	6.845				
1146-65-2	Naphthalene-d8	123161	8.128				
15067-26-2	Acenaphthene-d10	53955	9.881				
1517-22-2	Phenanthrene-d10	87715	11.369				
1719-03-5	Chrysene-d12	60029	14.01				
1520-96-3	Perylene-d12	48846	15.474				

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-02-073124DL	SDG No.:	BF080524
Lab Sample ID:	P3413-01DL	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
BF138797.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	580	U	580	1800	2200	ug/Kg
110-86-1	Pyridine	530	U	530	870	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	650	U	650	870	1100	ug/Kg
108-95-2	Phenol	550	U	550	870	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	U	560	870	1100	ug/Kg
95-57-8	2-Chlorophenol	560	U	560	870	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	560	U	560	870	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	570	U	570	870	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	580	U	580	870	1100	ug/Kg
100-51-6	Benzyl Alcohol	550	U	550	1800	2200	ug/Kg
95-48-7	2-Methylphenol	540	U	540	870	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610	U	610	870	1100	ug/Kg
98-86-2	Acetophenone	580	U	580	870	1100	ug/Kg
65794-96-9	3+4-Methylphenols	530	U	530	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	270	U	270	530	530	ug/Kg
67-72-1	Hexachloroethane	550	U	550	870	1100	ug/Kg
98-95-3	Nitrobenzene	610	U	610	870	1100	ug/Kg
78-59-1	Isophorone	560	U	560	870	1100	ug/Kg
88-75-5	2-Nitrophenol	630	U	630	870	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	870	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	570	U	570	870	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	500	U	500	870	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	570	U	570	870	1100	ug/Kg
65-85-0	Benzoic acid	1600	U	1600	1800	2200	ug/Kg
91-20-3	Naphthalene	550	U	550	870	1100	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	870	1100	ug/Kg
87-68-3	Hexachlorobutadiene	560	U	560	870	1100	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-02-073124DL	SDG No.:	BF080524
Lab Sample ID:	P3413-01DL	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
BF138797.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	580	U	580	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	520	U	520	870	1100	ug/Kg
91-57-6	2-Methylnaphthalene	550	U	550	870	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	480	U	480	870	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	870	1100	ug/Kg
92-52-4	1,1-Biphenyl	580	U	580	870	1100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	870	1100	ug/Kg
88-74-4	2-Nitroaniline	630	U	630	870	1100	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	870	1100	ug/Kg
208-96-8	Acenaphthylene	580	U	580	870	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	550	U	550	870	1100	ug/Kg
99-09-2	3-Nitroaniline	590	U	590	870	1100	ug/Kg
83-32-9	Acenaphthene	540	U	540	870	1100	ug/Kg
Total PAH	Total PAH	24740	D	8820	870	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	770	U	770	1800	2200	ug/Kg
132-64-9	Dibenzofuran	560	U	560	870	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	870	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120	U	1120	870	2200	ug/Kg
84-66-2	Diethylphthalate	530	U	530	870	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	870	1100	ug/Kg
86-73-7	Fluorene	1000	JD	570	870	1100	ug/Kg
100-01-6	4-Nitroaniline	710	U	710	870	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780	U	780	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	540	U	540	870	1100	ug/Kg
103-33-3	Azobenzene	530	U	530	870	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	U	530	870	1100	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	870	1100	ug/Kg
1912-24-9	Atrazine	610	U	610	870	1100	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-02-073124DL	SDG No.:	BF080524
Lab Sample ID:	P3413-01DL	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
BF138797.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	520	U	520	1800	2200	ug/Kg
85-01-8	Phenanthrene	5200	D	560	870	1100	ug/Kg
120-12-7	Anthracene	1100	D	560	870	1100	ug/Kg
86-74-8	Carbazole	540	JD	540	870	1100	ug/Kg
84-74-2	Di-n-butylphthalate	560	U	560	870	1100	ug/Kg
206-44-0	Fluoranthene	4500	D	540	870	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	4000	D	550	870	1100	ug/Kg
85-68-7	Butylbenzylphthalate	650	U	650	870	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	U	660	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	1900	D	540	870	1100	ug/Kg
218-01-9	Chrysene	1600	D	530	870	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610	U	610	870	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	730	U	730	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	D	540	870	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	680	JD	550	870	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1700	D	620	870	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	590	JD	520	870	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	540	U	540	870	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770	JD	530	870	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	870	1100	ug/Kg
123-91-1	1,4-Dioxane	730	U	730	870	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	500	U	500	870	1100	ug/Kg
90-12-0	1-Methylnaphthalene	550	U	550	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.19		18-112		58	SPK: -150
13127-88-3	Phenol-d6	82.87		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	60.23		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	67.94		20-109		68	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-02-073124DL	SDG No.:	BF080524
Lab Sample ID:	P3413-01DL	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
BF138797.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.18		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	71.75		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35574	6.846				
1146-65-2	Naphthalene-d8	131281	8.128				
15067-26-2	Acenaphthene-d10	58222	9.881				
1517-22-2	Phenanthrene-d10	96827	11.363				
1719-03-5	Chrysene-d12	58984	14.01				
1520-96-3	Perylene-d12	51276	15.474				

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-ADL	SDG No.:	BF080524
Lab Sample ID:	P3414-01DL	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
BF138798.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	520	U	520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	630	U	630	850	1100	ug/Kg
108-95-2	Phenol	540	U	540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	550	U	550	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	850	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	850	1100	ug/Kg
78-59-1	Isophorone	550	U	550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	610	U	610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	850	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1800	2200	ug/Kg
91-20-3	Naphthalene	540	U	540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	850	1100	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-ADL	SDG No.:	BF080524
Lab Sample ID:	P3414-01DL	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
BF138798.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	540	U	540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	850	1100	ug/Kg
88-74-4	2-Nitroaniline	620	U	620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	850	1100	ug/Kg
208-96-8	Acenaphthylene	710	JD	570	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	850	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	850	1100	ug/Kg
83-32-9	Acenaphthene	530	U	530	850	1100	ug/Kg
Total PAH	Total PAH	58160	UD	8660	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	760	U	760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	550	U	550	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	850	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	850	1100	ug/Kg
84-66-2	Diethylphthalate	520	U	520	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	850	1100	ug/Kg
86-73-7	Fluorene	560	U	560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	700	U	700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	770	U	770	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	850	1100	ug/Kg
103-33-3	Azobenzene	520	U	520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	850	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	850	1100	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-ADL	SDG No.:	BF080524
Lab Sample ID:	P3414-01DL	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
BF138798.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	510	U	510	1800	2200	ug/Kg
85-01-8	Phenanthrene	5200	D	550	850	1100	ug/Kg
120-12-7	Anthracene	1400	D	550	850	1100	ug/Kg
86-74-8	Carbazole	530	U	530	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	850	1100	ug/Kg
206-44-0	Fluoranthene	12100	D	530	850	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	9100	D	540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	5900	D	530	850	1100	ug/Kg
218-01-9	Chrysene	4900	D	520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600	U	600	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	6000	D	530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900	D	540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	5400	D	610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000	D	510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	550	JD	530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000	D	520	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.88		18-112		61	SPK: -150
13127-88-3	Phenol-d6	84.79		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	62.25		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	76.66		20-109		77	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-ADL	SDG No.:	BF080524
Lab Sample ID:	P3414-01DL	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
BF138798.D	10	8/1/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.63		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	80.34		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37014	6.846				
1146-65-2	Naphthalene-d8	125815	8.128				
15067-26-2	Acenaphthene-d10	52733	9.881				
1517-22-2	Phenanthrene-d10	90411	11.369				
1719-03-5	Chrysene-d12	55731	14.01				
1520-96-3	Perylene-d12	49195	15.474				

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-9-Full Waste ClassRE	SDG No.:	BF080524
Lab Sample ID:	P3387-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF138799.D	1	7/29/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.6	U	56.6	180	220	ug/Kg
110-86-1	Pyridine	52.1	U	52.1	84.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.2	U	63.2	84.8	110	ug/Kg
108-95-2	Phenol	54	U	54	84.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	54.6	84.8	110	ug/Kg
95-57-8	2-Chlorophenol	54.4	U	54.4	84.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.2	U	55.2	84.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.1	U	56.1	84.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.4	U	56.4	84.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.1	U	54.1	180	220	ug/Kg
95-48-7	2-Methylphenol	52.5	U	52.5	84.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	59.3	84.8	110	ug/Kg
98-86-2	Acetophenone	56.7	U	56.7	84.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52	U	52	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.3	U	26.3	52.2	52.2	ug/Kg
67-72-1	Hexachloroethane	54.1	U	54.1	84.8	110	ug/Kg
98-95-3	Nitrobenzene	59.2	U	59.2	84.8	110	ug/Kg
78-59-1	Isophorone	55.2	U	55.2	84.8	110	ug/Kg
88-75-5	2-Nitrophenol	61.6	U	61.6	84.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.8	U	60.8	84.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.9	U	55.9	84.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.2	U	49.2	84.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.7	U	55.7	84.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	53.9	U	53.9	84.8	110	ug/Kg
106-47-8	4-Chloroaniline	53.9	U	53.9	84.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.3	U	54.3	84.8	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-9-Full Waste ClassRE	SDG No.:	BF080524
Lab Sample ID:	P3387-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138799.D	1	7/29/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.6	U	56.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.5	U	50.5	84.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.8	U	53.8	84.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.6	U	46.6	84.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.2	U	48.2	84.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	84.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.3	U	54.3	84.8	110	ug/Kg
88-74-4	2-Nitroaniline	61.9	U	61.9	84.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	84.8	110	ug/Kg
208-96-8	Acenaphthylene	56.4	U	56.4	84.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.2	U	54.2	84.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.2	U	58.2	84.8	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	84.8	110	ug/Kg
Total PAH	Total PAH	2810	U	863.9	84.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.6	U	75.6	180	220	ug/Kg
132-64-9	Dibenzofuran	55	U	55	84.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.4	U	110.4	84.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.2	U	56.2	84.8	110	ug/Kg
84-66-2	Diethylphthalate	52.2	U	52.2	84.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.8	U	55.8	84.8	110	ug/Kg
86-73-7	Fluorene	55.7	U	55.7	84.8	110	ug/Kg
100-01-6	4-Nitroaniline	69.8	U	69.8	84.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.3	U	76.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.2	U	53.2	84.8	110	ug/Kg
103-33-3	Azobenzene	51.9	U	51.9	84.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.4	U	51.4	84.8	110	ug/Kg
118-74-1	Hexachlorobenzene	55.4	U	55.4	84.8	110	ug/Kg
1912-24-9	Atrazine	59.6	U	59.6	84.8	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-9-Full Waste ClassRE	SDG No.:	BF080524
Lab Sample ID:	P3387-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138799.D	1	7/29/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.4	U	50.4	180	220	ug/Kg
85-01-8	Phenanthrene	200		54.8	84.8	110	ug/Kg
120-12-7	Anthracene	55	U	55	84.8	110	ug/Kg
86-74-8	Carbazole	52.4	U	52.4	84.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	84.8	110	ug/Kg
206-44-0	Fluoranthene	600		53.3	84.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	430		54.1	84.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.1	U	63.1	84.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.3	U	64.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	280		52.6	84.8	110	ug/Kg
218-01-9	Chrysene	260		51.8	84.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.3	U	59.3	84.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.7	U	71.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		52.9	84.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	150		53.9	84.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	290		60.6	84.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110		50.9	84.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.9	U	52.9	84.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130		52.2	84.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.6	U	56.6	84.8	110	ug/Kg
123-91-1	1,4-Dioxane	71.7	U	71.7	84.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.7	U	48.7	84.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.2	U	54.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.139		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.477		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	58.54		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	66.574		20-109		67	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-9-Full Waste ClassRE	SDG No.:	BF080524
Lab Sample ID:	P3387-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138799.D	1	7/29/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162320

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.384		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	75.264		14-112		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35237	6.845				
1146-65-2	Naphthalene-d8	120706	8.128				
15067-26-2	Acenaphthene-d10	51971	9.88				
1517-22-2	Phenanthrene-d10	86015	11.363				
1719-03-5	Chrysene-d12	51860	14.01				
1520-96-3	Perylene-d12	46090	15.474				

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:	72-11978RE	SDG No.:	BF080524
Lab Sample ID:	P3362-04RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138800.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.3	U	54.3	170	210	ug/Kg
110-86-1	Pyridine	50	U	50	81.3	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.6	U	60.6	81.3	110	ug/Kg
108-95-2	Phenol	51.8	U	51.8	81.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.3	U	52.3	81.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.2	U	52.2	81.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.9	U	52.9	81.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.8	U	53.8	81.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.1	U	54.1	81.3	110	ug/Kg
100-51-6	Benzyl Alcohol	51.9	U	51.9	170	210	ug/Kg
95-48-7	2-Methylphenol	50.4	U	50.4	81.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.8	U	56.8	81.3	110	ug/Kg
98-86-2	Acetophenone	54.3	U	54.3	81.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.9	U	49.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.2	U	25.2	50	50	ug/Kg
67-72-1	Hexachloroethane	51.9	U	51.9	81.3	110	ug/Kg
98-95-3	Nitrobenzene	56.8	U	56.8	81.3	110	ug/Kg
78-59-1	Isophorone	52.9	U	52.9	81.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.1	U	59.1	81.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.3	U	58.3	81.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.6	U	53.6	81.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.2	U	47.2	81.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.4	U	53.4	81.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.6	U	51.6	81.3	110	ug/Kg
106-47-8	4-Chloroaniline	51.6	U	51.6	81.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.1	U	52.1	81.3	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:	72-11978RE	SDG No.:	BF080524
Lab Sample ID:	P3362-04RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138800.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.3	U	54.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.5	U	48.5	81.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.6	U	51.6	81.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.5	U	97.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.6	U	44.6	81.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.3	U	46.3	81.3	110	ug/Kg
92-52-4	1,1-Biphenyl	54.6	U	54.6	81.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.1	U	52.1	81.3	110	ug/Kg
88-74-4	2-Nitroaniline	59.4	U	59.4	81.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.1	U	51.1	81.3	110	ug/Kg
208-96-8	Acenaphthylene	54.1	U	54.1	81.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	81.3	110	ug/Kg
99-09-2	3-Nitroaniline	55.8	U	55.8	81.3	110	ug/Kg
83-32-9	Acenaphthene	50.9	J	50.7	81.3	110	ug/Kg
Total PAH	Total PAH	4410.9		828.6	81.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.5	U	72.5	170	210	ug/Kg
132-64-9	Dibenzofuran	52.8	U	52.8	81.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.9	U	53.9	81.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.9	U	105.9	81.3	220	ug/Kg
84-66-2	Diethylphthalate	50.1	U	50.1	81.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.5	U	53.5	81.3	110	ug/Kg
86-73-7	Fluorene	53.5	U	53.5	81.3	110	ug/Kg
100-01-6	4-Nitroaniline	66.9	U	66.9	81.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.2	U	73.2	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51	U	51	81.3	110	ug/Kg
103-33-3	Azobenzene	49.8	U	49.8	81.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.3	U	49.3	81.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.1	U	53.1	81.3	110	ug/Kg
1912-24-9	Atrazine	57.2	U	57.2	81.3	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:	72-11978RE	SDG No.:	BF080524
Lab Sample ID:	P3362-04RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138800.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	69.9	J	48.3	170	210	ug/Kg
85-01-8	Phenanthrene	330		52.5	81.3	110	ug/Kg
120-12-7	Anthracene	100	J	52.8	81.3	110	ug/Kg
86-74-8	Carbazole	50.2	U	50.2	81.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	81.3	110	ug/Kg
206-44-0	Fluoranthene	1100		51.1	81.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	830		51.9	81.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.5	U	60.5	81.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.7	U	61.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	390		50.5	81.3	110	ug/Kg
218-01-9	Chrysene	360		49.7	81.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	85.5	J	56.9	81.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.8	U	68.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		50.7	81.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		51.6	81.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	310		58.2	81.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		48.8	81.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.8	U	50.8	81.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110		50.1	81.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.3	U	54.3	81.3	110	ug/Kg
123-91-1	1,4-Dioxane	68.8	U	68.8	81.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.7	U	46.7	81.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.162		18-112		83	SPK: -150
13127-88-3	Phenol-d6	115.588		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	85.905		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	98.479		20-109		98	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:	72-11978RE	SDG No.:	BF080524
Lab Sample ID:	P3362-04RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138800.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.404		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	104.777		14-112		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40552	6.845				
1146-65-2	Naphthalene-d8	142569	8.128				
15067-26-2	Acenaphthene-d10	60671	9.88				
1517-22-2	Phenanthrene-d10	100059	11.369				
1719-03-5	Chrysene-d12	60181	14.01				
1520-96-3	Perylene-d12	50676	15.474				

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:	72-11978MS	SDG No.:	BF080524
Lab Sample ID:	P3362-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF138801.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		54.2	170	210	ug/Kg
110-86-1	Pyridine	820		49.9	81.2	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	320		60.6	81.2	110	ug/Kg
108-95-2	Phenol	890		51.8	81.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	900		52.3	81.2	110	ug/Kg
95-57-8	2-Chlorophenol	950		52.2	81.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	930		52.9	81.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		53.7	81.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	950		54.1	81.2	110	ug/Kg
100-51-6	Benzyl Alcohol	930		51.9	170	210	ug/Kg
95-48-7	2-Methylphenol	900		50.4	81.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		56.8	81.2	110	ug/Kg
98-86-2	Acetophenone	990		54.3	81.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		49.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		25.2	50	50	ug/Kg
67-72-1	Hexachloroethane	820		51.9	81.2	110	ug/Kg
98-95-3	Nitrobenzene	930		56.7	81.2	110	ug/Kg
78-59-1	Isophorone	960		52.9	81.2	110	ug/Kg
88-75-5	2-Nitrophenol	920		59.1	81.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		58.2	81.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	970		53.6	81.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	940		47.2	81.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	950		53.4	81.2	110	ug/Kg
65-85-0	Benzoic acid	700		150	170	210	ug/Kg
91-20-3	Naphthalene	920		51.6	81.2	110	ug/Kg
106-47-8	4-Chloroaniline	240		51.6	81.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	990		52.1	81.2	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:	72-11978MS	SDG No.:	BF080524
Lab Sample ID:	P3362-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF138801.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	830		54.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	840		48.4	81.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	870		51.6	81.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	560		97.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44.6	81.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		46.2	81.2	110	ug/Kg
92-52-4	1,1-Biphenyl	980		54.6	81.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		52.1	81.2	110	ug/Kg
88-74-4	2-Nitroaniline	1000		59.4	81.2	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.1	81.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		54.1	81.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	950		52	81.2	110	ug/Kg
99-09-2	3-Nitroaniline	680		55.7	81.2	110	ug/Kg
83-32-9	Acenaphthene	980		50.7	81.2	110	ug/Kg
Total PAH	Total PAH	19520		828.1	81.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	430		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	72.5	170	210	ug/Kg
132-64-9	Dibenzofuran	1000		52.7	81.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	940		53.9	81.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		105.9	81.2	220	ug/Kg
84-66-2	Diethylphthalate	1100		50.1	81.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		53.5	81.2	110	ug/Kg
86-73-7	Fluorene	1000		53.4	81.2	110	ug/Kg
100-01-6	4-Nitroaniline	920		66.9	81.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270		73.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		51	81.2	110	ug/Kg
103-33-3	Azobenzene	940		49.7	81.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		49.3	81.2	110	ug/Kg
118-74-1	Hexachlorobenzene	950		53.1	81.2	110	ug/Kg
1912-24-9	Atrazine	1200		57.1	81.2	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:	72-11978MS	SDG No.:	BF080524
Lab Sample ID:	P3362-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF138801.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	48.3	170	210	ug/Kg
85-01-8	Phenanthrene	1300		52.5	81.2	110	ug/Kg
120-12-7	Anthracene	1100		52.7	81.2	110	ug/Kg
86-74-8	Carbazole	1100		50.2	81.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		52.7	81.2	110	ug/Kg
206-44-0	Fluoranthene	2100	E	51.1	81.2	110	ug/Kg
92-87-5	Benzidine	290		100	170	210	ug/Kg
129-00-0	Pyrene	1800	E	51.9	81.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		60.5	81.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	850		61.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1400		50.4	81.2	110	ug/Kg
218-01-9	Chrysene	1300		49.7	81.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		56.9	81.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		68.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		50.7	81.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		51.6	81.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		58.1	81.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910		48.8	81.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		50.7	81.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	780		50.1	81.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		54.2	81.2	110	ug/Kg
123-91-1	1,4-Dioxane	780		68.7	81.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	980		46.7	81.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	810		52	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.431		18-112		76	SPK: -150
13127-88-3	Phenol-d6	106.498		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	78.433		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	89.918		20-109		90	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:	72-11978MS	SDG No.:	BF080524
Lab Sample ID:	P3362-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF138801.D	1	7/26/2024 12:00:00 AM	8/5/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.238		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	101.615		14-112		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39843	6.845				
1146-65-2	Naphthalene-d8	142225	8.128				
15067-26-2	Acenaphthene-d10	60768	9.88				
1517-22-2	Phenanthrene-d10	98530	11.369				
1719-03-5	Chrysene-d12	54741	14.01				
1520-96-3	Perylene-d12	47689	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:	72-11978MSD	SDG No.:	BF080524
Lab Sample ID:	P3362-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138802.D	1	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		54.2	170	210	ug/Kg
110-86-1	Pyridine	860		49.9	81.2	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	350		60.5	81.2	110	ug/Kg
108-95-2	Phenol	950		51.8	81.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		52.3	81.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		52.1	81.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		52.8	81.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	990		53.7	81.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		54	81.2	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		51.8	170	210	ug/Kg
95-48-7	2-Methylphenol	950		50.3	81.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		56.8	81.2	110	ug/Kg
98-86-2	Acetophenone	1100		54.3	81.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	990		49.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		25.2	50	50	ug/Kg
67-72-1	Hexachloroethane	860		51.8	81.2	110	ug/Kg
98-95-3	Nitrobenzene	1000		56.7	81.2	110	ug/Kg
78-59-1	Isophorone	1000		52.8	81.2	110	ug/Kg
88-75-5	2-Nitrophenol	1000		59	81.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		58.2	81.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		53.6	81.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		47.2	81.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		53.3	81.2	110	ug/Kg
65-85-0	Benzoic acid	780		150	170	210	ug/Kg
91-20-3	Naphthalene	990		51.6	81.2	110	ug/Kg
106-47-8	4-Chloroaniline	250		51.6	81.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		52	81.2	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:	72-11978MSD	SDG No.:	BF080524
Lab Sample ID:	P3362-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138802.D	1	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	930		54.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		48.4	81.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		51.5	81.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	640		97.4	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		44.6	81.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		46.2	81.2	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		54.6	81.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		52	81.2	110	ug/Kg
88-74-4	2-Nitroaniline	1100		59.3	81.2	110	ug/Kg
131-11-3	Dimethylphthalate	1200		51	81.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		54	81.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		52	81.2	110	ug/Kg
99-09-2	3-Nitroaniline	730		55.7	81.2	110	ug/Kg
83-32-9	Acenaphthene	1000		50.6	81.2	110	ug/Kg
Total PAH	Total PAH	20430		827.4	81.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	580		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1900	E	72.4	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		52.7	81.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		53.8	81.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		105.8	81.2	220	ug/Kg
84-66-2	Diethylphthalate	1200		50	81.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		53.5	81.2	110	ug/Kg
86-73-7	Fluorene	1100		53.4	81.2	110	ug/Kg
100-01-6	4-Nitroaniline	970		66.8	81.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380		73.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51	81.2	110	ug/Kg
103-33-3	Azobenzene	1000		49.7	81.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		49.3	81.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		53.1	81.2	110	ug/Kg
1912-24-9	Atrazine	1300		57.1	81.2	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:	72-11978MSD	SDG No.:	BF080524
Lab Sample ID:	P3362-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138802.D	1	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	48.3	170	210	ug/Kg
85-01-8	Phenanthrene	1400		52.5	81.2	110	ug/Kg
120-12-7	Anthracene	1200		52.7	81.2	110	ug/Kg
86-74-8	Carbazole	1200		50.1	81.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		52.6	81.2	110	ug/Kg
206-44-0	Fluoranthene	2200	E	51	81.2	110	ug/Kg
92-87-5	Benzidine	370		100	170	210	ug/Kg
129-00-0	Pyrene	1900	E	51.8	81.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		60.5	81.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		61.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1400		50.4	81.2	110	ug/Kg
218-01-9	Chrysene	1400		49.6	81.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		56.8	81.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		68.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		50.6	81.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		51.6	81.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		58.1	81.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910		48.8	81.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		50.7	81.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		50	81.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		54.2	81.2	110	ug/Kg
123-91-1	1,4-Dioxane	830		68.7	81.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		46.7	81.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	900		52	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.116		18-112		81	SPK: -150
13127-88-3	Phenol-d6	114.247		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	84.011		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	95.731		20-109		96	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:	72-11978MSD	SDG No.:	BF080524
Lab Sample ID:	P3362-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138802.D	1	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.134		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	103.758		14-112		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37996	6.846				
1146-65-2	Naphthalene-d8	135117	8.128				
15067-26-2	Acenaphthene-d10	60362	9.881				
1517-22-2	Phenanthrene-d10	97046	11.369				
1719-03-5	Chrysene-d12	54981	14.016				
1520-96-3	Perylene-d12	47996	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:	VNJ-220	SDG No.:	BF080524
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF138803.D	2	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

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	52.6	U	52.6	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	98.5	U	98.5	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	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:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	BF080524
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF138803.D	2	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

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	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.1	U	93.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.5	U	96.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	140	J	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	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	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	840		110	170	220	ug/Kg
Total PAH	Total PAH	11160		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	620		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	1100		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

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:	VNJ-220	SDG No.:	BF080524
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF138803.D	2	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

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	3700	E	110	170	220	ug/Kg
120-12-7	Anthracene	420		110	170	220	ug/Kg
86-74-8	Carbazole	200	J	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	2400		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	1300		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	440		110	170	220	ug/Kg
218-01-9	Chrysene	370		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	280		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	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	97.4	U	97.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.68		18-112		66	SPK: -150
13127-88-3	Phenol-d6	93.816		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	70.634		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	80.996		20-109		81	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:	VNJ-220	SDG No.:	BF080524
Lab Sample ID:	P3362-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF138803.D	2	7/26/2024 12:00:00 AM	8/6/2024 12:00:00 AM	PB162290

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.166		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	86.092		14-112		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41693	6.845				
1146-65-2	Naphthalene-d8	145143	8.128				
15067-26-2	Acenaphthene-d10	62909	9.88				
1517-22-2	Phenanthrene-d10	104757	11.369				
1719-03-5	Chrysene-d12	64658	14.01				
1520-96-3	Perylene-d12	55578	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.057	
000582-16-1	Naphthalene, 2,7-dimethyl-	180	J			9.463	
000581-40-8	Naphthalene, 2,3-dimethyl-	190	J			9.533	
000581-42-0	Naphthalene, 2,6-dimethyl-	93.9	J			9.563	
	unknown9.975	400	J			9.975	
000644-08-6	1,1-Biphenyl, 4-methyl-	230	J			10.51	
007320-53-8	Dibenzofuran, 4-methyl-	220	J			10.58	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			11.98	
002381-21-7	Pyrene, 1-methyl-	98.3	J			13.027	
000243-17-4	11H-Benzo[b]fluorene	200	J			13.139	
033543-31-6	Fluoranthene, 2-methyl-	160	J			13.204	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	100	J			14.621	
	unknown15.163	130	J			15.163	
000192-97-2	Benzo[e]pyrene	110	J			15.351	
000112-95-8	Eicosane	100	J			15.91	

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : VNJ-220								
P3362-02	VNJ-220	Solid	1,1-Biphenyl, 4-methyl-	*	230.000	J		
P3362-02	VNJ-220	Solid	1,4-Benzenedicarboxylic acid, bis	*	100.000	J		
P3362-02	VNJ-220	Solid	11H-Benzo[b]fluorene	*	200.000	J		
P3362-02	VNJ-220	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3362-02	VNJ-220	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3362-02	VNJ-220	Solid	Benzo[e]pyrene	*	110.000	J		
P3362-02	VNJ-220	Solid	Dibenzofuran, 4-methyl-	*	220.000	J		
P3362-02	VNJ-220	Solid	Eicosane	*	100.000	J		
P3362-02	VNJ-220	Solid	Fluoranthene, 2-methyl-	*	160.000	J		
P3362-02	VNJ-220	Solid	Naphthalene, 2,3-dimethyl-	*	190.000	J		
P3362-02	VNJ-220	Solid	Naphthalene, 2,6-dimethyl-	*	93.900	J		
P3362-02	VNJ-220	Solid	Naphthalene, 2,7-dimethyl-	*	180.000	J		
P3362-02	VNJ-220	Solid	Pyrene, 1-methyl-	*	98.300	J		
P3362-02	VNJ-220	Solid	unknown15.163	*	130.000	J		
P3362-02	VNJ-220	Solid	unknown9.975	*	400.000	J		
Total Tics :				2,452.20				
P3362-02	VNJ-220	Solid	1,1-Biphenyl		140.000	J	110	ug/Kg
P3362-02	VNJ-220	Solid	1-Methylnaphthalene		110.000	J	110	ug/Kg
P3362-02	VNJ-220	Solid	Acenaphthene		840.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Anthracene		420.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(a)anthracene		440.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(a)pyrene		180.000	J	120	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(b)fluoranthene		280.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Benzo(k)fluoranthene		130.000	J	110	ug/Kg
P3362-02	VNJ-220	Solid	Carbazole		200.000	J	100	ug/Kg
P3362-02	VNJ-220	Solid	Chrysene		370.000		100	ug/Kg
P3362-02	VNJ-220	Solid	Dibenzofuran		620.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Fluoranthene		2,400.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Fluorene		1,100.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Phenanthrene		3,700.000	E	110	ug/Kg
P3362-02	VNJ-220	Solid	Pyrene		1,300.000		110	ug/Kg
P3362-02	VNJ-220	Solid	Total PAH		11,160.000		1740	ug/Kg
Total Svoc :				23,390.00				
Total Concentration:				25,842.20				
Client ID : 72-11978RE								
P3362-04RE	72-11978RE	Solid	Acenaphthene		50.900	J	50.7	ug/Kg
P3362-04RE	72-11978RE	Solid	Anthracene		100.000	J	52.8	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3362-04RE	72-11978RE	Solid	Benzo(a)anthracene	390.000		50.5	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Benzo(a)pyrene	310.000		58.2	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Benzo(b)fluoranthene	480.000		50.7	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Benzo(g,h,i)perylene	110.000		50.1	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Benzo(k)fluoranthene	230.000		51.6	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Bis(2-ethylhexyl)phthalate	85.500	J	56.9	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Chrysene	360.000		49.7	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Fluoranthene	1,100.000		51.1	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Indeno(1,2,3-cd)pyrene	120.000		48.8	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Pentachlorophenol	69.900	J	48.3	210	ug/Kg
P3362-04RE	72-11978RE	Solid	Phenanthrene	330.000		52.5	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Pyrene	830.000		51.9	110	ug/Kg
P3362-04RE	72-11978RE	Solid	Total PAH	4,410.000		828.6	1760	ug/Kg

Total Svoc : 8,976.30

Total Concentration: 8,976.30

Client ID : WC-9-Full Waste ClassRE

P3387-02RE	WC-9-Full Waste ClassRl	Solid	Benzo(a)anthracene	280.000		52.6	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Benzo(a)pyrene	290.000		60.6	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Benzo(b)fluoranthene	360.000		52.9	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Benzo(g,h,i)perylene	130.000		52.2	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Benzo(k)fluoranthene	150.000		53.9	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Chrysene	260.000		51.8	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Fluoranthene	600.000		53.3	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Indeno(1,2,3-cd)pyrene	110.000		50.9	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Phenanthrene	200.000		54.8	110	ug/Kg
P3387-02RE	WC-9-Full Waste ClassRl	Solid	Pyrene	430.000		54.1	110	ug/Kg

Total Svoc : 2,810.00

Total Concentration: 2,810.00

Client ID : RT3054DL

P3403-01DL	RT3054DL	Solid	Benzo(a)anthracene	2,000.000	D	540	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Benzo(a)pyrene	1,800.000	D	620	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Benzo(b)fluoranthene	2,000.000	D	540	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Benzo(g,h,i)perylene	820.000	JD	540	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Benzo(k)fluoranthene	960.000	JD	550	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Chrysene	2,100.000	D	530	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Fluoranthene	4,500.000	D	550	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Indeno(1,2,3-cd)pyrene	640.000	JD	520	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Phenanthrene	3,200.000	D	560	1100	ug/Kg
P3403-01DL	RT3054DL	Solid	Pyrene	3,600.000	D	560	1100	ug/Kg

Total Svoc : 21,620.00

Hit Summary Sheet
SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				21,620.00				
Client ID :	EO-02-073124DL							
P3413-01DL	EO-02-073124DL	Solid	Anthracene	1,100.000	D	560	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Benzo(a)anthracene	1,900.000	D	540	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Benzo(a)pyrene	1,700.000	D	620	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Benzo(b)fluoranthene	1,700.000	D	540	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Benzo(g,h,i)perylene	770.000	JD	530	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Benzo(k)fluoranthene	680.000	JD	550	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Carbazole	540.000	JD	540	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Chrysene	1,600.000	D	530	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Fluoranthene	4,500.000	D	540	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Fluorene	1,000.000	JD	570	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Indeno(1,2,3-cd)pyrene	590.000	JD	520	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Phenanthrene	5,200.000	D	560	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Pyrene	4,000.000	D	550	1100	ug/Kg
P3413-01DL	EO-02-073124DL	Solid	Total PAH	24,740.000	D	8820	17600	ug/Kg
Total Svoc :				50,020.00				
Total Concentration:				50,020.00				
Client ID :	PL-02-07312024-ADL							
P3414-01DL	PL-02-07312024-ADL	Solid	Acenaphthylene	710.000	JD	570	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Anthracene	1,400.000	D	550	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Benzo(a)anthracene	5,900.000	D	530	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Benzo(a)pyrene	5,400.000	D	610	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Benzo(b)fluoranthene	6,000.000	D	530	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Benzo(g,h,i)perylene	2,000.000	D	520	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Benzo(k)fluoranthene	2,900.000	D	540	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Chrysene	4,900.000	D	520	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Dibenzo(a,h)anthracene	550.000	JD	530	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Fluoranthene	12,100.000	D	530	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Indeno(1,2,3-cd)pyrene	2,000.000	D	510	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Phenanthrene	5,200.000	D	550	1100	ug/Kg
P3414-01DL	PL-02-07312024-ADL	Solid	Pyrene	9,100.000	D	540	1100	ug/Kg
Total Svoc :				58,160.00				
Total Concentration:				58,160.00				
Client ID :	BU-02-08012024							
P3441-01	BU-02-08012024	Solid	2-Pentanone, 4-hydroxy-4-methyl *	82.800	A			
P3441-01	BU-02-08012024	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P3441-01	BU-02-08012024	Solid	Carbonic acid, hexadecyl 2,2,2-tri *	48.900	J			
P3441-01	BU-02-08012024	Solid	unknown11.892 *	42.800	J			

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,274.50				
P3441-01	BU-02-08012024	Solid	Benzo(b)fluoranthene	72.400	J	51.8	110	ug/Kg
P3441-01	BU-02-08012024	Solid	Chrysene	56.200	J	50.7	110	ug/Kg
P3441-01	BU-02-08012024	Solid	Fluoranthene	89.400	J	52.2	110	ug/Kg
P3441-01	BU-02-08012024	Solid	Pyrene	80.200	J	53	110	ug/Kg
Total Svoc :				298.20				
Total Concentration:				1,572.70				
Client ID : CL-02-080124								
P3442-01	CL-02-080124	Solid	2-Pentanone, 4-hydroxy-4-methyl *	93.400	A			
P3442-01	CL-02-080124	Solid	Anthracene, 2-methyl- *	110.000	J			
P3442-01	CL-02-080124	Solid	Phenanthrene, 2,5-dimethyl- *	190.000	J			
Total Tics :				393.40				
P3442-01	CL-02-080124	Solid	Benzo(a)anthracene	240.000		110	230	ug/Kg
P3442-01	CL-02-080124	Solid	Benzo(a)pyrene	240.000		120	230	ug/Kg
P3442-01	CL-02-080124	Solid	Benzo(b)fluoranthene	260.000		110	230	ug/Kg
P3442-01	CL-02-080124	Solid	Benzo(k)fluoranthene	110.000	J	110	230	ug/Kg
P3442-01	CL-02-080124	Solid	Chrysene	190.000	J	110	230	ug/Kg
P3442-01	CL-02-080124	Solid	Fluoranthene	390.000		110	230	ug/Kg
P3442-01	CL-02-080124	Solid	Pyrene	330.000		110	230	ug/Kg
Total Svoc :				1,760.00				
Total Concentration:				2,153.40				
Client ID : TP1								
P3448-01	TP1	Solid	4H-Cyclopenta[def]phenanthrene *	340.000	J			
P3448-01	TP1	Solid	Benzo[e]pyrene *	560.000	J			
P3448-01	TP1	Solid	Fluoranthene, 2-methyl- *	250.000	J			
P3448-01	TP1	Solid	Phenanthrene, 4-methyl- *	260.000	J			
Total Tics :				1,410.00				
P3448-01	TP1	Solid	Benzo(a)anthracene	1,200.000		270	560	ug/Kg
P3448-01	TP1	Solid	Benzo(a)pyrene	1,300.000		310	560	ug/Kg
P3448-01	TP1	Solid	Benzo(b)fluoranthene	1,400.000		270	560	ug/Kg
P3448-01	TP1	Solid	Benzo(g,h,i)perylene	630.000		260	560	ug/Kg
P3448-01	TP1	Solid	Benzo(k)fluoranthene	570.000		270	560	ug/Kg
P3448-01	TP1	Solid	Chrysene	1,000.000		260	560	ug/Kg
P3448-01	TP1	Solid	Fluoranthene	2,500.000		270	560	ug/Kg
P3448-01	TP1	Solid	Indeno(1,2,3-cd)pyrene	540.000	J	260	560	ug/Kg
P3448-01	TP1	Solid	Phenanthrene	810.000		280	560	ug/Kg
P3448-01	TP1	Solid	Pyrene	1,900.000		270	560	ug/Kg
Total Svoc :				11,850.00				
Total Concentration:				13,260.00				

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP2								
P3448-03	TP2	Solid	unknown10.281	*	240.000	J		
P3448-03	TP2	Solid	unknown9.269	*	350.000	J		
P3448-03	TP2	Solid	unknown9.781	*	240.000	J		
Total Tics :					830.00			
P3448-03	TP2	Solid	Benzo(a)anthracene		310.000	J 270	570	ug/Kg
P3448-03	TP2	Solid	Benzo(a)pyrene		330.000	J 310	570	ug/Kg
P3448-03	TP2	Solid	Benzo(b)fluoranthene		360.000	J 270	570	ug/Kg
P3448-03	TP2	Solid	Chrysene		270.000	J 270	570	ug/Kg
P3448-03	TP2	Solid	Fluoranthene		600.000	270	570	ug/Kg
P3448-03	TP2	Solid	Pyrene		450.000	J 280	570	ug/Kg
Total Svoc :					2,320.00			
Total Concentration:					3,150.00			
Client ID : TP3								
P3448-05	TP3	Solid	1-Isopropenylnaphthalene	*	330.000	J		
P3448-05	TP3	Solid	11H-Benzo[a]fluoren-11-one	*	270.000	J		
P3448-05	TP3	Solid	11H-Benzo[a]fluorene	*	660.000	J		
P3448-05	TP3	Solid	4H-Cyclopenta[def]phenanthrene	*	630.000	J		
P3448-05	TP3	Solid	7,12-Dihydrobenzo[k]fluoranthene	*	660.000	J		
P3448-05	TP3	Solid	7H-Benz[de]anthracen-7-one	*	270.000	J		
P3448-05	TP3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	350.000	J		
P3448-05	TP3	Solid	Benzo[b]triphenylene	*	800.000	J		
P3448-05	TP3	Solid	Benzo[e]pyrene	*	1,000.000	J		
P3448-05	TP3	Solid	Cyclopenta[cd]pyrene	*	280.000	J		
P3448-05	TP3	Solid	Dibenzofuran, 4-methyl-	*	400.000	J		
P3448-05	TP3	Solid	Fluoranthene, 2-methyl-	*	280.000	J		
P3448-05	TP3	Solid	Naphthalene, 2,6-dimethyl-	*	290.000	J		
P3448-05	TP3	Solid	Perylene	*	3,600.000	J		
P3448-05	TP3	Solid	Phenanthrene, 1-methyl-	*	260.000	J		
P3448-05	TP3	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
P3448-05	TP3	Solid	Pyrene, 1,3-dimethyl-	*	260.000	J		
P3448-05	TP3	Solid	Pyrene, 1-methyl-	*	460.000	J		
P3448-05	TP3	Solid	Pyrene, 2-methyl-	*	340.000	J		
P3448-05	TP3	Solid	Triphenylene, 2-methyl-	*	250.000	J		
Total Tics :					11,720.00			
P3448-05	TP3	Solid	Acenaphthene		880.000	270	580	ug/Kg
P3448-05	TP3	Solid	Acenaphthylene		340.000	J 290	580	ug/Kg
P3448-05	TP3	Solid	Anthracene		3,700.000	290	580	ug/Kg
P3448-05	TP3	Solid	Benzo(a)anthracene		8,400.000	270	580	ug/Kg
P3448-05	TP3	Solid	Benzo(a)pyrene		6,300.000	310	580	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3448-05	TP3	Solid	Benzo(b)fluoranthene	7,400.000		270	580	ug/Kg
P3448-05	TP3	Solid	Benzo(g,h,i)perylene	2,300.000		270	580	ug/Kg
P3448-05	TP3	Solid	Benzo(k)fluoranthene	3,200.000		280	580	ug/Kg
P3448-05	TP3	Solid	Carbazole	910.000		270	580	ug/Kg
P3448-05	TP3	Solid	Chrysene	7,300.000		270	580	ug/Kg
P3448-05	TP3	Solid	Dibenzo(a,h)anthracene	680.000		270	580	ug/Kg
P3448-05	TP3	Solid	Dibenzofuran	670.000		290	580	ug/Kg
P3448-05	TP3	Solid	Fluoranthene	22,500.000	E	280	580	ug/Kg
P3448-05	TP3	Solid	Fluorene	1,400.000		290	580	ug/Kg
P3448-05	TP3	Solid	Indeno(1,2,3-cd)pyrene	2,100.000		260	580	ug/Kg
P3448-05	TP3	Solid	Naphthalene	390.000	J	280	580	ug/Kg
P3448-05	TP3	Solid	Phenanthrene	15,000.000	E	280	580	ug/Kg
P3448-05	TP3	Solid	Pyrene	14,300.000	E	280	580	ug/Kg
P3448-05	TP3	Solid	Total PAH	96,190.000		4460	9280	ug/Kg

Total Svoc : 193,960.00

Total Concentration: 205,680.00

Client ID : TP5

P3448-09	TP5	Solid	1-Ethyl-2,2,6-trimethylcyclohexar *	53.900	J			
P3448-09	TP5	Solid	2,10-Dodecadien-1-ol, 3,7,11-trim *	170.000	J			
P3448-09	TP5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P3448-09	TP5	Solid	Butane, 2-methoxy-2-methyl- *	1,300.000	J			
P3448-09	TP5	Solid	Cyclohexane, 1,2,3-trimethyl-, (1. *	150.000	J			
P3448-09	TP5	Solid	Cyclohexane, 2-butyl-1,1,3-trimet *	76.800	J			
P3448-09	TP5	Solid	Decahydro-1,1,4a,5,6-pentamethy *	210.000	J			
P3448-09	TP5	Solid	Naphthalene, 1,4,6-trimethyl- *	250.000	J			
P3448-09	TP5	Solid	Undecane, 2,6-dimethyl- *	83.600	J			
P3448-09	TP5	Solid	unknown7.534 *	45.700	J			
P3448-09	TP5	Solid	unknown8.563 *	170.000	J			
P3448-09	TP5	Solid	unknown8.628 *	71.400	J			
P3448-09	TP5	Solid	unknown8.863 *	150.000	J			
P3448-09	TP5	Solid	unknown9.004 *	95.200	J			
P3448-09	TP5	Solid	unknown9.116 *	120.000	J			

Total Tics : 3,066.60

P3448-09	TP5	Solid	Benzo(a)anthracene	130.000		55	120	ug/Kg
P3448-09	TP5	Solid	Benzo(a)pyrene	100.000	J	63.4	120	ug/Kg
P3448-09	TP5	Solid	Benzo(b)fluoranthene	140.000		55.3	120	ug/Kg
P3448-09	TP5	Solid	Benzo(k)fluoranthene	57.000	J	56.3	120	ug/Kg
P3448-09	TP5	Solid	Chrysene	160.000		54.2	120	ug/Kg
P3448-09	TP5	Solid	Fluoranthene	290.000		55.7	120	ug/Kg
P3448-09	TP5	Solid	Phenanthrene	240.000		57.3	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3448-09	TP5	Solid	Pyrene	250.000		56.6	120	ug/Kg
Total Svoc :						1,367.00		
Total Concentration:						4,433.60		
Client ID : TR-04-082024								
P3463-01	TR-04-082024	Solid	11H-Benzo[a]fluorene	*	210.000	J		
P3463-01	TR-04-082024	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	290.000	J		
P3463-01	TR-04-082024	Solid	4H-Cyclopenta[def]phenanthrene	*	590.000	J		
P3463-01	TR-04-082024	Solid	9,10-Anthracenedione	*	130.000	J		
P3463-01	TR-04-082024	Solid	9H-Carbazole-9-methanol	*	130.000	J		
P3463-01	TR-04-082024	Solid	Anthracene, 1-methyl-	*	270.000	J		
P3463-01	TR-04-082024	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J		
P3463-01	TR-04-082024	Solid	Benzo[e]pyrene	*	110.000	J		
P3463-01	TR-04-082024	Solid	Butane, 2-methoxy-2-methyl-	*	800.000	J		
P3463-01	TR-04-082024	Solid	Chrysene, 6-methyl-	*	420.000	J		
P3463-01	TR-04-082024	Solid	Cyclopenta(def)phenanthrenone	*	170.000	J		
P3463-01	TR-04-082024	Solid	Heneicosane	*	210.000	J		
P3463-01	TR-04-082024	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
P3463-01	TR-04-082024	Solid	Perylene	*	660.000	J		
P3463-01	TR-04-082024	Solid	Phenanthrene, 2,5-dimethyl-	*	210.000	J		
P3463-01	TR-04-082024	Solid	Pyrene, 1-methyl-	*	140.000	J		
P3463-01	TR-04-082024	Solid	Pyrene, 2-methyl-	*	140.000	J		
P3463-01	TR-04-082024	Solid	unknown11.251	*	170.000	J		
P3463-01	TR-04-082024	Solid	unknown12.445	*	190.000	J		
P3463-01	TR-04-082024	Solid	unknown15.909	*	200.000	J		
Total Tics :						5,290.00		
P3463-01	TR-04-082024	Solid	Anthracene		280.000		100	ug/Kg
P3463-01	TR-04-082024	Solid	Benzo(a)anthracene		1,200.000		99.1	ug/Kg
P3463-01	TR-04-082024	Solid	Benzo(a)pyrene		1,100.000		110	ug/Kg
P3463-01	TR-04-082024	Solid	Benzo(b)fluoranthene		1,300.000		99.6	ug/Kg
P3463-01	TR-04-082024	Solid	Benzo(g,h,i)perylene		480.000		98.4	ug/Kg
P3463-01	TR-04-082024	Solid	Benzo(k)fluoranthene		530.000		100	ug/Kg
P3463-01	TR-04-082024	Solid	Chrysene		1,000.000		97.7	ug/Kg
P3463-01	TR-04-082024	Solid	Dibenzo(a,h)anthracene		140.000	J	99.8	ug/Kg
P3463-01	TR-04-082024	Solid	Fluoranthene		2,400.000		100	ug/Kg
P3463-01	TR-04-082024	Solid	Indeno(1,2,3-cd)pyrene		390.000		95.9	ug/Kg
P3463-01	TR-04-082024	Solid	Phenanthrene		800.000		100	ug/Kg
P3463-01	TR-04-082024	Solid	Pyrene		1,800.000		100	ug/Kg
P3463-01	TR-04-082024	Solid	Total PAH		11,420.000		1620.1	ug/Kg
Total Svoc :						22,840.00		

Hit Summary Sheet
SW-846

SDG No.: BF080524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				28,130.00				
Client ID : TR-05-082024								
P3463-03	TR-05-082024	Solid	11H-Benzo[a]fluoren-11-one	*	400.000	J		
P3463-03	TR-05-082024	Solid	11H-Benzo[b]fluorene	*	680.000	J		
P3463-03	TR-05-082024	Solid	Anthracene, 9-methyl-	*	1,600.000	J		
P3463-03	TR-05-082024	Solid	Benzo[e]pyrene	*	1,100.000	J		
P3463-03	TR-05-082024	Solid	Cyclopenta(def)phenanthrenone	*	600.000	J		
P3463-03	TR-05-082024	Solid	Dodecane, 1-iodo-	*	630.000	J		
P3463-03	TR-05-082024	Solid	Fluoranthene, 2-methyl-	*	440.000	J		
P3463-03	TR-05-082024	Solid	Naphthalene, 1,6-dimethyl-	*	400.000	J		
P3463-03	TR-05-082024	Solid	Octadecane	*	940.000	J		
P3463-03	TR-05-082024	Solid	Pentadecane	*	420.000	J		
P3463-03	TR-05-082024	Solid	Phenanthrene, 1-methyl-	*	650.000	J		
P3463-03	TR-05-082024	Solid	Phenanthrene, 2,5-dimethyl-	*	830.000	J		
P3463-03	TR-05-082024	Solid	Phenanthrene, 2-methyl-	*	630.000	J		
P3463-03	TR-05-082024	Solid	Pyrene, 1-methyl-	*	560.000	J		
P3463-03	TR-05-082024	Solid	Pyrene, 2-methyl-	*	390.000	J		
P3463-03	TR-05-082024	Solid	Pyrene, 4-methyl-	*	480.000	J		
P3463-03	TR-05-082024	Solid	Sulfurous acid, 2-propyl tetradecy	*	570.000	J		
P3463-03	TR-05-082024	Solid	Tetradecane	*	470.000	J		
P3463-03	TR-05-082024	Solid	Tridecane	*	880.000	J		
P3463-03	TR-05-082024	Solid	unknown9.969	*	540.000	J		
Total Tics :				13,210.00				
P3463-03	TR-05-082024	Solid	Anthracene		390.000	J	260	ug/Kg
P3463-03	TR-05-082024	Solid	Benzo(a)anthracene		2,000.000		250	ug/Kg
P3463-03	TR-05-082024	Solid	Benzo(a)pyrene		2,000.000		280	ug/Kg
P3463-03	TR-05-082024	Solid	Benzo(b)fluoranthene		1,900.000		250	ug/Kg
P3463-03	TR-05-082024	Solid	Benzo(g,h,i)perylene		890.000		240	ug/Kg
P3463-03	TR-05-082024	Solid	Benzo(k)fluoranthene		800.000		250	ug/Kg
P3463-03	TR-05-082024	Solid	Chrysene		1,900.000		240	ug/Kg
P3463-03	TR-05-082024	Solid	Fluoranthene		3,500.000		250	ug/Kg
P3463-03	TR-05-082024	Solid	Indeno(1,2,3-cd)pyrene		710.000		240	ug/Kg
P3463-03	TR-05-082024	Solid	Phenanthrene		1,400.000		260	ug/Kg
P3463-03	TR-05-082024	Solid	Pyrene		3,900.000		250	ug/Kg
Total Svoc :				19,390.00				
Total Concentration:				32,600.00				



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.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 13:34

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	PB162384BL	40537	6.84	170265	8.12	98906	9.87
02	TP1	30595 *	6.85	123545 *	8.12	69922 *	9.87
03	TP6	41341	6.85	167137	8.12	98775	9.88
04	TP7	48221	6.85	201561	8.12	115583	9.88
05	SOIL-COMP	44694	6.85	187385	8.12	108639	9.88
06	TR-04-082024	51115	6.84	197244	8.12	87662	9.87
07	TR-05-082024	45343	6.85	163946	8.12	69702 *	9.88
08	BU-02-08012024	41049	6.85	149415	8.13	64127 *	9.88
09	TP5	43835	6.85	155612	8.13	67811 *	9.88
10	CL-02-080124	41837	6.85	147454	8.13	62340 *	9.88
11	TP1	39308	6.85	137958 *	8.13	59656 *	9.88
12	TP2	43952	6.85	156511	8.13	66287 *	9.88
13	TP3	46814	6.85	167460	8.13	71543 *	9.88
14	RT3054DL	36180 *	6.85	123161 *	8.13	53955 *	9.88
15	EO-02-073124DL	35574 *	6.85	131281 *	8.13	58222 *	9.88
16	PL-02-07312024-ADL	37014	6.85	125815 *	8.13	52733 *	9.88
17	WC-9-Full Waste ClassRE	35237 *	6.85	120706 *	8.13	51971 *	9.88
18	72-11978RE	40552	6.85	142569	8.13	60671 *	9.88
19	72-11978MS	39843	6.85	142225	8.13	60768 *	9.88
20	72-11978MSD	37996	6.85	135117 *	8.13	60362 *	9.88
21	VNJ-220	41693	6.85	145143	8.13	62909 *	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 00:44

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.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BF138782.D

Time Analyzed: 13:34

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	48388	6.845	198243	8.13	108604	9.88
	UPPER LIMIT	96776	7.345	396486	8.628	217208	10.381
	LOWER LIMIT	24194	6.345	99121.5	7.628	54302	9.381
	EPA SAMPLE NO.						
01	PB162384BL	40537	6.84	170265	8.12	98906	9.87
02	TP1	30595	6.85	123545	8.12	69922	9.87
03	TP6	41341	6.85	167137	8.12	98775	9.88
04	TP7	48221	6.85	201561	8.12	115583	9.88
05	SOIL-COMP	44694	6.85	187385	8.12	108639	9.88
06	TR-04-082024	51115	6.84	197244	8.12	87662	9.87
07	TR-05-082024	45343	6.85	163946	8.12	69702	9.88
08	BU-02-08012024	41049	6.85	149415	8.13	64127	9.88
09	TP5	43835	6.85	155612	8.13	67811	9.88
10	CL-02-080124	41837	6.85	147454	8.13	62340	9.88
11	TP1	39308	6.85	137958	8.13	59656	9.88
12	TP2	43952	6.85	156511	8.13	66287	9.88
13	TP3	46814	6.85	167460	8.13	71543	9.88
14	RT3054DL	36180	6.85	123161	8.13	53955 *	9.88
15	EO-02-073124DL	35574	6.85	131281	8.13	58222	9.88
16	PL-02-07312024-ADL	37014	6.85	125815	8.13	52733 *	9.88
17	WC-9-Full Waste ClassRE	35237	6.85	120706	8.13	51971 *	9.88
18	72-11978RE	40552	6.85	142569	8.13	60671	9.88
19	72-11978MS	39843	6.85	142225	8.13	60768	9.88
20	72-11978MSD	37996	6.85	135117	8.13	60362	9.88
21	VNJ-220	41693	6.85	145143	8.13	62909	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138782.D Time Analyzed: 00:44

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	48388	6.845	198243	8.13	108604	9.88
UPPER LIMIT	96776	7.345	396486	8.628	217208	10.381
LOWER LIMIT	24194	6.345	99121.5	7.628	54302	9.381
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.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 13:34

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	PB162384BL	186482	11.36	120457	14.00	84298	15.47
02	TP1	123121	11.36	57633 *	14.00	32145 *	15.47
03	TP6	184227	11.36	112526	14.01	72232 *	15.48
04	TP7	214583	11.37	127838	14.01	86946	15.48
05	SOIL-COMP	202790	11.36	121549	14.00	80274	15.47
06	TR-04-082024	117148	11.36	76699	14.01	59234 *	15.47
07	TR-05-082024	98729 *	11.36	64006	14.01	51308 *	15.47
08	BU-02-08012024	91322 *	11.36	57572 *	14.00	46847 *	15.47
09	TP5	102051 *	11.37	62074 *	14.02	53133 *	15.48
10	CL-02-080124	99235 *	11.36	56420 *	14.00	49543 *	15.47
11	TP1	92035 *	11.36	56185 *	14.01	49319 *	15.47
12	TP2	107831 *	11.37	69685	14.01	56994 *	15.47
13	TP3	113184 *	11.37	74926	14.02	62786 *	15.48
14	RT3054DL	87715 *	11.37	60029 *	14.01	48846 *	15.47
15	EO-02-073124DL	96827 *	11.36	58984 *	14.01	51276 *	15.47
16	PL-02-07312024-ADL	90411 *	11.37	55731 *	14.01	49195 *	15.47
17	WC-9-Full Waste ClassRE	86015 *	11.36	51860 *	14.01	46090 *	15.47
18	72-11978RE	100059 *	11.37	60181 *	14.01	50676 *	15.47
19	72-11978MS	98530 *	11.37	54741 *	14.01	47689 *	15.48
20	72-11978MSD	97046 *	11.37	54981 *	14.02	47996 *	15.48
21	VNJ-220	104757 *	11.37	64658	14.01	55578 *	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 00:44

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.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 5 2024 12:00AM

Lab File ID: BF138782.D Time Analyzed: 13:34

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	184666	11.369	90377	14.01	91462	15.474
	UPPER LIMIT	369332	11.869	180754	14.51	182924	15.974
	LOWER LIMIT	92333	10.869	45188.5	13.51	45731	14.974
	EPA SAMPLE NO.						
01	PB162384BL	186482	11.36	120457	14.00	84298	15.47
02	TP1	123121	11.36	57633	14.00	32145 *	15.47
03	TP6	184227	11.36	112526	14.01	72232	15.48
04	TP7	214583	11.37	127838	14.01	86946	15.48
05	SOIL-COMP	202790	11.36	121549	14.00	80274	15.47
06	TR-04-082024	117148	11.36	76699	14.01	59234	15.47
07	TR-05-082024	98729	11.36	64006	14.01	51308	15.47
08	BU-02-08012024	91322 *	11.36	57572	14.00	46847	15.47
09	TP5	102051	11.37	62074	14.02	53133	15.48
10	CL-02-080124	99235	11.36	56420	14.00	49543	15.47
11	TP1	92035 *	11.36	56185	14.01	49319	15.47
12	TP2	107831	11.37	69685	14.01	56994	15.47
13	TP3	113184	11.37	74926	14.02	62786	15.48
14	RT3054DL	87715 *	11.37	60029	14.01	48846	15.47
15	EO-02-073124DL	96827	11.36	58984	14.01	51276	15.47
16	PL-02-07312024-ADL	90411 *	11.37	55731	14.01	49195	15.47
17	WC-9-Full Waste ClassRE	86015 *	11.36	51860	14.01	46090	15.47
18	72-11978RE	100059	11.37	60181	14.01	50676	15.47
19	72-11978MS	98530	11.37	54741	14.01	47689	15.48
20	72-11978MSD	97046	11.37	54981	14.02	47996	15.48
21	VNJ-220	104757	11.37	64658	14.01	55578	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080524 SAS No.: BF080524 SDG NO.: BF080524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 6 2024 12:00AM

Lab File ID: BF138782.D Time Analyzed: 00:44

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	184666	11.369	90377	14.01	91462	15.474
UPPER LIMIT	369332	11.869	180754	14.51	182924	15.974
LOWER LIMIT	92333	10.869	45188.5	13.51	45731	14.974
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.

72-11978MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080524

SAS No.: BF080524 SDG NO.: BF080524

Lab File ID: BF138801.D

Lab Sample ID: P3362-04MS

Instrument ID: BNA_F

Date Extracted: 07/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 23:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
72-11978MS	P3362-04MS	BF138801.D	08/05/2024
VNJ-220	P3362-02	BF138803.D	08/06/2024
72-11978MSD	P3362-04MSD	BF138802.D	08/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162384BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080524

SAS No.: BF080524 SDG NO.: BF080524

Lab File ID: BF138783.D

Lab Sample ID: PB162384BL

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) water

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 13:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-COMP	P3352-02	BF138787.D	08/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BU-02-08012024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080524

SAS No.: BF080524 SDG NO.: BF080524

Lab File ID: BF138790.D

Lab Sample ID: P3441-01

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 17:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BU-02-08012024	P3441-01	BF138790.D	08/05/2024
TP3	P3448-05	BF138795.D	08/05/2024
TP5	P3448-09	BF138791.D	08/05/2024
CL-02-080124	P3442-01	BF138792.D	08/05/2024
TP1	P3448-01	BF138793.D	08/05/2024
TP2	P3448-03	BF138794.D	08/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080524

SAS No.: BF080524 SDG NO.: BF080524

Lab File ID: BF138784.D

Lab Sample ID: P3448-02

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) water

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 14:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP1	P3448-02	BF138784.D	08/05/2024
TP6	P3448-12	BF138785.D	08/05/2024
TP7	P3448-14	BF138786.D	08/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-04-082024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080524

SAS No.: BF080524 SDG NO.: BF080524

Lab File ID: BF138788.D

Lab Sample ID: P3463-01

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/05/2024

Level: (low/med) LOW

Time Analyzed: 16:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-04-082024	P3463-01	BF138788.D	08/05/2024
TR-05-082024	P3463-03	BF138789.D	08/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3362-04MS		Client Sample ID: 72-11978MS		DataFile: BF138801.D							
n-Nitrosodimethylamine	1000		1000	ug/Kg	100				66	124	
Pyridine	1000		820	ug/Kg	82				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	
Aniline	1000		320	ug/Kg	32				10	88	
Phenol	1000		890	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1000		900	ug/Kg	90				74	116	
2-Chlorophenol	1000		950	ug/Kg	95				61	138	
1,2-Dichlorobenzene	1000		930	ug/Kg	93				61	105	
1,3-Dichlorobenzene	1000		910	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1000		950	ug/Kg	95				63	104	
Benzyl Alcohol	1000		930	ug/Kg	93				47	126	
2-Methylphenol	1000		900	ug/Kg	90				66	122	
2,2-oxybis(1-Chloropropane)	1000		810	ug/Kg	81				52	115	
Acetophenone	1000		990	ug/Kg	99				75	111	
3+4-Methylphenols	1000		910	ug/Kg	91				53	132	
N-Nitroso-di-n-propylamine	1000		930	ug/Kg	93				59	119	
Hexachloroethane	1000		820	ug/Kg	82				65	117	
Nitrobenzene	1000		930	ug/Kg	93				70	119	
Isophorone	1000		960	ug/Kg	96				76	122	
2-Nitrophenol	1000		920	ug/Kg	92				54	145	
2,4-Dimethylphenol	1000		1000	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1000		970	ug/Kg	97				68	112	
2,4-Dichlorophenol	1000		940	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1000		950	ug/Kg	95				57	103	
Benzoic acid	1000		700	ug/Kg	70				50	104	
Naphthalene	1000		920	ug/Kg	92				72	110	
4-Chloroaniline	1000		240	ug/Kg	24				10	100	
Hexachlorobutadiene	1000		990	ug/Kg	99				66	114	
Caprolactam	1000		830	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1000		840	ug/Kg	84				57	132	
2-Methylnaphthalene	1000		870	ug/Kg	87				59	123	
Hexachlorocyclopentadiene	2100		560	ug/Kg	27				10	175	
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	1000		990	ug/Kg	99				72	117	
1,1-Biphenyl	1000		980	ug/Kg	98				75	113	
2-Chloronaphthalene	1000		1000	ug/Kg	100				67	118	
2-Nitroaniline	1000		1000	ug/Kg	100				69	127	
Dimethylphthalate	1000		1100	ug/Kg	110				70	113	
Acenaphthylene	1000		1100	ug/Kg	110				79	118	
2,6-Dinitrotoluene	1000		950	ug/Kg	95				70	125	
3-Nitroaniline	1000		680	ug/Kg	68				20	111	
Acenaphthene	1000	53.5	980	ug/Kg	93				70	121	
Total PAH	16000	4263.5	19520	ug/Kg	95				70	121	
2,4-Dinitrophenol	2100		430	ug/Kg	20				16	160	
4-Nitrophenol	2100		1800	ug/Kg	86				45	133	
Dibenzofuran	1000		1000	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		940	ug/Kg	94				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1890	ug/Kg	95				55	128	
Diethylphthalate	1000		1100	ug/Kg	110				70	112	
4-Chlorophenyl-phenylether	1000		990	ug/Kg	99				71	108	
Fluorene	1000		1000	ug/Kg	100				68	116	
4-Nitroaniline	1000		920	ug/Kg	92				55	120	
4,6-Dinitro-2-methylphenol	1000		270	ug/Kg	27	*			32	145	
N-Nitrosodiphenylamine	1000		1000	ug/Kg	100				73	118	
Azobenzene	1000		940	ug/Kg	94				73	110	
4-Bromophenyl-phenylether	1000		970	ug/Kg	97				65	121	
Hexachlorobenzene	1000		950	ug/Kg	95				67	118	
Atrazine	1000		1200	ug/Kg	120				79	127	
Pentachlorophenol	2100	100	2000	ug/Kg	90				47	128	
Phenanthrene	1000	330	1300	ug/Kg	97				72	113	
Anthracene	1000	100	1100	ug/Kg	100				62	124	
Carbazole	1000		1100	ug/Kg	110				59	119	
Di-n-butylphthalate	1000		1200	ug/Kg	120	*			69	118	
Fluoranthene	1000	1000	2100	ug/Kg	110				59	125	
Benzidine	2100		290	ug/Kg	14				10	119	
Pyrene	1000	710	1800	ug/Kg	109				52	128	
Butylbenzylphthalate	1000		1400	ug/Kg	140	*			64	126	
3,3-Dichlorobenzidine	1000		850	ug/Kg	85				10	164	
Benzo(a)anthracene	1000	420	1400	ug/Kg	98				71	114	
Chrysene	1000	330	1300	ug/Kg	97				57	121	
bis(2-Ethylhexyl)phthalate	1000	100	1400	ug/Kg	130	*			66	127	
Di-n-octyl phthalate	1000		1100	ug/Kg	110				71	126	
Benzo(b)fluoranthene	1000	520	1500	ug/Kg	98				67	121	
Benzo(k)fluoranthene	1000	210	1200	ug/Kg	99				74	114	
Benzo(a)pyrene	1000	300	1300	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1000	140	910	ug/Kg	77				61	125	
Dibenz(a,h)anthracene	1000	0	830	ug/Kg	83				67	130	
Benzo(g,h,i)perylene	1000	150	780	ug/Kg	63				53	140	
1,2,4,5-Tetrachlorobenzene	1000		1000	ug/Kg	100				69	124	
1,4-Dioxane	1000		780	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1000		980	ug/Kg	98				56	133	
1-Methylnaphthalene	1000		810	ug/Kg	81				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3362-04MSD		Client Sample ID: 72-11978MSD		DataFile: BF138802.D							
n-Nitrosodimethylamine	1000		1100	ug/Kg	110		10		66	124	20
Pyridine	1000		860	ug/Kg	86		5		45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	20
Aniline	1000		350	ug/Kg	35		9		10	88	20
Phenol	1000		950	ug/Kg	95		7		67	126	20
bis(2-Chloroethyl)ether	1000		960	ug/Kg	96		6		74	116	20
2-Chlorophenol	1000		1000	ug/Kg	100		5		61	138	20
1,2-Dichlorobenzene	1000		1000	ug/Kg	100		7		61	105	20
1,3-Dichlorobenzene	1000		990	ug/Kg	99		8		62	101	20
1,4-Dichlorobenzene	1000		990	ug/Kg	99		4		63	104	20
Benzyl Alcohol	1000		1000	ug/Kg	100		7		47	126	20
2-Methylphenol	1000		950	ug/Kg	95		5		66	122	20
2,2-oxybis(1-Chloropropane)	1000		870	ug/Kg	87		7		52	115	20
Acetophenone	1000		1100	ug/Kg	110		11		75	111	20
3+4-Methylphenols	1000		990	ug/Kg	99		8		53	132	20
N-Nitroso-di-n-propylamine	1000		1000	ug/Kg	100		7		59	119	20
Hexachloroethane	1000		860	ug/Kg	86		5		65	117	20
Nitrobenzene	1000		1000	ug/Kg	100		7		70	119	20
Isophorone	1000		1000	ug/Kg	100		4		76	122	20
2-Nitrophenol	1000		1000	ug/Kg	100		8		54	145	20
2,4-Dimethylphenol	1000		1100	ug/Kg	110		10		83	144	20
bis(2-Chloroethoxy)methane	1000		1000	ug/Kg	100		3		68	112	20
2,4-Dichlorophenol	1000		1000	ug/Kg	100		6		72	118	20
1,2,4-Trichlorobenzene	1000		1000	ug/Kg	100		5		57	103	20
Benzoic acid	1000		780	ug/Kg	78		11		50	104	20
Naphthalene	1000		990	ug/Kg	99		7		72	110	20
4-Chloroaniline	1000		250	ug/Kg	25		4		10	100	20
Hexachlorobutadiene	1000		1100	ug/Kg	110		11		66	114	20
Caprolactam	1000		930	ug/Kg	93		11		51	134	20
4-Chloro-3-methylphenol	1000		960	ug/Kg	96		13		57	132	20
2-Methylnaphthalene	1000		970	ug/Kg	97		11		59	123	20
Hexachlorocyclopentadiene	2100		640	ug/Kg	30		11		10	175	20
2,4,6-Trichlorophenol	1000		1100	ug/Kg	110		0		72	117	20
2,4,5-Trichlorophenol	1000		1100	ug/Kg	110		11		72	117	20
1,1-Biphenyl	1000		1000	ug/Kg	100		2		75	113	20
2-Chloronaphthalene	1000		1100	ug/Kg	110		10		67	118	20
2-Nitroaniline	1000		1100	ug/Kg	110		10		69	127	20
Dimethylphthalate	1000		1200	ug/Kg	120	*	9		70	113	20
Acenaphthylene	1000		1100	ug/Kg	110		0		79	118	20
2,6-Dinitrotoluene	1000		1000	ug/Kg	100		5		70	125	20
3-Nitroaniline	1000		730	ug/Kg	73		7		20	111	20
Acenaphthene	1000	53.5	1000	ug/Kg	95		2		70	121	20
Total PAH	16000	4263.5	20430	ug/Kg	101		6		70	121	20
2,4-Dinitrophenol	2100		580	ug/Kg	28		33	*	16	160	20
4-Nitrophenol	2100		1900	ug/Kg	90		5		45	133	20
Dibenzofuran	1000		1100	ug/Kg	110		10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF080524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		1000	ug/Kg	100		6		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		2000	ug/Kg	100		5		55	128	20
Diethylphthalate	1000		1200	ug/Kg	120	*	9		70	112	20
4-Chlorophenyl-phenylether	1000		1100	ug/Kg	110	*	11		71	108	20
Fluorene	1000		1100	ug/Kg	110		10		68	116	20
4-Nitroaniline	1000		970	ug/Kg	97		5		55	120	20
4,6-Dinitro-2-methylphenol	1000		380	ug/Kg	38		34	*	32	145	20
N-Nitrosodiphenylamine	1000		1100	ug/Kg	110		10		73	118	20
Azobenzene	1000		1000	ug/Kg	100		6		73	110	20
4-Bromophenyl-phenylether	1000		1000	ug/Kg	100		3		65	121	20
Hexachlorobenzene	1000		1000	ug/Kg	100		5		67	118	20
Atrazine	1000		1300	ug/Kg	130	*	8		79	127	20
Pentachlorophenol	2100	100	2200	ug/Kg	100		11		47	128	20
Phenanthrene	1000	330	1400	ug/Kg	107		10		72	113	20
Anthracene	1000	100	1200	ug/Kg	110		10		62	124	20
Carbazole	1000		1200	ug/Kg	120	*	9		59	119	20
Di-n-butylphthalate	1000		1300	ug/Kg	130	*	8		69	118	20
Fluoranthene	1000	1000	2200	ug/Kg	120		9		59	125	20
Benzidine	2100		370	ug/Kg	18		25	*	10	119	20
Pyrene	1000	710	1900	ug/Kg	119		9		52	128	20
Butylbenzylphthalate	1000		1400	ug/Kg	140	*	0		64	126	20
3,3-Dichlorobenzidine	1000		900	ug/Kg	90		6		10	164	20
Benzo(a)anthracene	1000	420	1400	ug/Kg	98		0		71	114	20
Chrysene	1000	330	1400	ug/Kg	107		10		57	121	20
bis(2-Ethylhexyl)phthalate	1000	100	1400	ug/Kg	130	*	0		66	127	20
Di-n-octyl phthalate	1000		1100	ug/Kg	110		0		71	126	20
Benzo(b)fluoranthene	1000	520	1600	ug/Kg	108		10		67	121	20
Benzo(k)fluoranthene	1000	210	1200	ug/Kg	99		0		74	114	20
Benzo(a)pyrene	1000	300	1400	ug/Kg	110		10		70	142	20
Indeno(1,2,3-cd)pyrene	1000	140	910	ug/Kg	77		0		61	125	20
Dibenz(a,h)anthracene	1000	0	860	ug/Kg	86		4		67	130	20
Benzo(g,h,i)perylene	1000	150	770	ug/Kg	62		2		53	140	20
1,2,4,5-Tetrachlorobenzene	1000		1100	ug/Kg	110		10		69	124	20
1,4-Dioxane	1000		830	ug/Kg	83		6		46	112	20
2,3,4,6-Tetrachlorophenol	1000		1000	ug/Kg	100		2		56	133	20
1-Methylnaphthalene	1000		900	ug/Kg	90		11		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3362-02	VNJ-220	BF138803.D	2-Fluorophenol	150	99.68	66		18	112
			Phenol-d6	150	93.82	63		15	107
			Nitrobenzene-d5	100	70.63	71		18	107
			2-Fluorobiphenyl	100	81.00	81		20	109
			2,4,6-Tribromophenol	150	100.17	67		10	110
			Terphenyl-d14	100	86.09	86		14	112
P3362-04MS	72-11978MS	BF138801.D	2-Fluorophenol	150	113.43	76		18	112
			Phenol-d6	150	106.50	71		15	107
			Nitrobenzene-d5	100	78.43	78		18	107
			2-Fluorobiphenyl	100	89.92	90		20	109
			2,4,6-Tribromophenol	150	116.24	77		10	110
			Terphenyl-d14	100	101.62	102		14	112
P3362-04MSD	72-11978MSD	BF138802.D	2-Fluorophenol	150	121.12	81		18	112
			Phenol-d6	150	114.25	76		15	107
			Nitrobenzene-d5	100	84.01	84		18	107
			2-Fluorobiphenyl	100	95.73	96		20	109
			2,4,6-Tribromophenol	150	123.13	82		10	110
			Terphenyl-d14	100	103.76	104		14	112
P3362-04RE	72-11978RE	BF138800.D	2-Fluorophenol	150	125.16	83		18	112
			Phenol-d6	150	115.59	77		15	107
			Nitrobenzene-d5	100	85.91	86		18	107
			2-Fluorobiphenyl	100	98.48	98		20	109
			2,4,6-Tribromophenol	150	129.40	86		10	110
			Terphenyl-d14	100	104.78	105		14	112

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3387-02RE	WC-9-Full Waste C	BF138799.D	2-Fluorophenol	150	78.14	52		18	112
			Phenol-d6	150	75.48	50		15	107
			Nitrobenzene-d5	100	58.54	59		18	107
			2-Fluorobiphenyl	100	66.57	67		20	109
			2,4,6-Tribromophenol	150	88.38	59		10	110
			Terphenyl-d14	100	75.26	75		14	112

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3403-01DL	RT3054DL	BF138796.D	2-Fluorophenol	150	76.32	51		18	112
			Phenol-d6	150	69.23	46		15	107
			Nitrobenzene-d5	100	53.31	53		18	107
			2-Fluorobiphenyl	100	60.85	61		20	109
			2,4,6-Tribromophenol	150	69.76	47		10	110
			Terphenyl-d14	100	66.08	66		14	112

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3352-02	SOIL-COMP	BF138787.D	2-Fluorophenol	150	120.94	81		10	139
			Phenol-d6	150	112.36	75		10	134
			Nitrobenzene-d5	100	83.43	83		49	133
			2-Fluorobiphenyl	100	87.62	88		52	132
			2,4,6-Tribromophenol	150	157.12	105		32	145
			Terphenyl-d14	100	102.33	102		36	145
PB162384BL	PB162384BL	BF138783.D	2-Fluorophenol	150	151.65	101		10	139
			Phenol-d6	150	152.02	101		10	134
			Nitrobenzene-d5	100	97.49	97		49	133
			2-Fluorobiphenyl	100	101.17	101		52	132
			2,4,6-Tribromophenol	150	169.31	113		32	145
			Terphenyl-d14	100	117.07	117		36	145

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3413-01DL	EO-02-073124DL	BF138797.D	2-Fluorophenol	150	87.19	58		18	112
			Phenol-d6	150	82.87	55		15	107
			Nitrobenzene-d5	100	60.23	60		18	107
			2-Fluorobiphenyl	100	67.94	68		20	109
			2,4,6-Tribromophenol	150	86.18	57		10	110
			Terphenyl-d14	100	71.75	72		14	112
P3414-01DL	PL-02-07312024-A\BF138798.D		2-Fluorophenol	150	91.88	61		18	112
			Phenol-d6	150	84.79	57		15	107
			Nitrobenzene-d5	100	62.25	62		18	107
			2-Fluorobiphenyl	100	76.66	77		20	109
			2,4,6-Tribromophenol	150	87.63	58		10	110
			Terphenyl-d14	100	80.34	80		14	112

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3441-01	BU-02-08012024	BF138790.D	2-Fluorophenol	150	80.99	54		18	112
			Phenol-d6	150	76.03	51		15	107
			Nitrobenzene-d5	100	55.64	56		18	107
			2-Fluorobiphenyl	100	65.25	65		20	109
			2,4,6-Tribromophenol	150	74.42	50		10	110
			Terphenyl-d14	100	65.15	65		14	112
P3442-01	CL-02-080124	BF138792.D	2-Fluorophenol	150	82.98	55		18	112
			Phenol-d6	150	78.01	52		15	107
			Nitrobenzene-d5	100	57.27	57		18	107
			2-Fluorobiphenyl	100	60.05	60		20	109
			2,4,6-Tribromophenol	150	76.63	51		10	110
			Terphenyl-d14	100	63.74	64		14	112
P3448-01	TP1	BF138793.D	2-Fluorophenol	150	84.22	56		18	112
			Phenol-d6	150	78.64	52		15	107
			Nitrobenzene-d5	100	59.09	59		18	107
			2-Fluorobiphenyl	100	66.07	66		20	109
			2,4,6-Tribromophenol	150	70.59	47		10	110
			Terphenyl-d14	100	71.99	72		14	112
P3448-03	TP2	BF138794.D	2-Fluorophenol	150	77.93	52		18	112
			Phenol-d6	150	76.26	51		15	107
			Nitrobenzene-d5	100	53.34	53		18	107
			2-Fluorobiphenyl	100	62.98	63		20	109
			2,4,6-Tribromophenol	150	74.82	50		10	110
			Terphenyl-d14	100	63.55	64		14	112
P3448-05	TP3	BF138795.D	2-Fluorophenol	150	74.31	50		18	112
			Phenol-d6	150	72.08	48		15	107
			Nitrobenzene-d5	100	52.63	53		18	107
			2-Fluorobiphenyl	100	60.77	61		20	109
			2,4,6-Tribromophenol	150	68.11	45		10	110
			Terphenyl-d14	100	57.85	58		14	112
P3448-09	TP5	BF138791.D	2-Fluorophenol	150	104.10	69		18	112
			Phenol-d6	150	99.47	66		15	107
			Nitrobenzene-d5	100	74.04	74		18	107
			2-Fluorobiphenyl	100	77.09	77		20	109
			2,4,6-Tribromophenol	150	97.59	65		10	110
			Terphenyl-d14	100	72.59	73		14	112

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3448-02	TP1	BF138784.D	2-Fluorophenol	150	172.26	115		10	139
			Phenol-d6	150	155.06	103		10	134
			Nitrobenzene-d5	100	125.02	125		49	133
			2-Fluorobiphenyl	100	126.74	127		52	132
			2,4,6-Tribromophenol	150	205.33	137		32	145
			Terphenyl-d14	100	178.11	178	*	36	145
P3448-12	TP6	BF138785.D	2-Fluorophenol	150	158.81	106		10	139
			Phenol-d6	150	152.09	101		10	134
			Nitrobenzene-d5	100	107.77	108		49	133
			2-Fluorobiphenyl	100	106.05	106		52	132
			2,4,6-Tribromophenol	150	198.52	132		32	145
			Terphenyl-d14	100	128.42	128		36	145
P3448-14	TP7	BF138786.D	2-Fluorophenol	150	139.01	93		10	139
			Phenol-d6	150	129.63	86		10	134
			Nitrobenzene-d5	100	94.08	94		49	133
			2-Fluorobiphenyl	100	94.21	94		52	132
			2,4,6-Tribromophenol	150	180.99	121		32	145
			Terphenyl-d14	100	114.39	114		36	145

Surrogate Summary

SW-846

SDG No.: **BF080524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3463-01	TR-04-082024	BF138788.D	2-Fluorophenol	150	71.76	48		18	112
			Phenol-d6	150	71.42	48		15	107
			Nitrobenzene-d5	100	50.79	51		18	107
			2-Fluorobiphenyl	100	59.74	60		20	109
			2,4,6-Tribromophenol	150	64.31	43		10	110
			Terphenyl-d14	100	54.65	55		14	112
P3463-03	TR-05-082024	BF138789.D	2-Fluorophenol	150	25.11	17	*	18	112
			Phenol-d6	150	46.28	31		15	107
			Nitrobenzene-d5	100	35.82	36		18	107
			2-Fluorobiphenyl	100	44.90	45		20	109
			2,4,6-Tribromophenol	150	3.68	2	*	10	110
			Terphenyl-d14	100	44.49	44		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080524

Lab Code: CHEM

SAS No.: BF080524

SDG NO.: BF080524

Lab File ID: BF138781.D

DFTPP Injection Date: 08/05/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.3
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	39.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (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	BF138782.D	08/05/2024	13:02
PB162384BL	PB162384BL	BF138783.D	08/05/2024	13:34
TP1	P3448-02	BF138784.D	08/05/2024	14:13
TP6	P3448-12	BF138785.D	08/05/2024	14:51
TP7	P3448-14	BF138786.D	08/05/2024	15:23
SOIL-COMP	P3352-02	BF138787.D	08/05/2024	15:55
TR-04-082024	P3463-01	BF138788.D	08/05/2024	16:28
TR-05-082024	P3463-03	BF138789.D	08/05/2024	17:02
BU-02-08012024	P3441-01	BF138790.D	08/05/2024	17:35
TP5	P3448-09	BF138791.D	08/05/2024	18:09
CL-02-080124	P3442-01	BF138792.D	08/05/2024	18:43
TP1	P3448-01	BF138793.D	08/05/2024	19:17
TP2	P3448-03	BF138794.D	08/05/2024	19:51
TP3	P3448-05	BF138795.D	08/05/2024	20:24
RT3054DL	P3403-01DL	BF138796.D	08/05/2024	20:57
EO-02-073124DL	P3413-01DL	BF138797.D	08/05/2024	21:30
PL-02-07312024-ADL	P3414-01DL	BF138798.D	08/05/2024	22:03
WC-9-Full Waste ClassRE	P3387-02RE	BF138799.D	08/05/2024	22:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080524

Lab Code: CHEM

SAS No.: BF080524

SDG NO.: BF080524

Lab File ID: BF138781.D

DFTPP Injection Date: 08/05/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.3
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	39.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (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
72-11978RE	P3362-04RE	BF138800.D	08/05/2024	23:08
72-11978MS	P3362-04MS	BF138801.D	08/05/2024	23:40
72-11978MSD	P3362-04MSD	BF138802.D	08/06/2024	00:12
VNJ-220	P3362-02	BF138803.D	08/06/2024	00:44