

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG No.: BF062724

Instrument ID: BNA_F Calibration Date/Time: 6/27/2024 1:12:57

Lab File ID: BF138362.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	0.602	0.502		-16.611	
Pyridine	1.300	1.139		-12.385	
2-Fluorophenol	1.196	1.062		-11.204	
Benzaldehyde	0.805	0.765		-4.969	
Aniline	1.483	1.258		-15.172	
Phenol-d6	1.516	1.329		-12.335	
Phenol	1.539	1.396		-9.292	20.0
bis(2-Chloroethyl) ether	1.231	1.093		-11.21	
2-Chlorophenol	1.293	1.172		-9.358	
1,2-Dichlorobenzene	1.388	1.217		-12.32	
1,3-Dichlorobenzene	1.469	1.328		-9.598	
1,4-Dichlorobenzene	1.478	1.318		-10.825	20.0
Benzyl Alcohol	1.022	0.923		-9.687	
2-Methylphenol	1.020	0.926		-9.216	
2,2-oxybis(1-Chloropropane)	1.738	1.318		-24.166	
Acetophenone	0.457	0.386		-15.536	
3+4-Methylphenols	1.284	1.067		-16.9	
n-Nitroso-di-n-propylamine	0.899	0.733	0.050	-18.465	
Nitrobenzene-d5	0.344	0.316		-8.14	
Hexachloroethane	0.501	0.471		-5.988	
Nitrobenzene	0.355	0.319		-10.141	
Isophorone	0.621	0.544		-12.399	
2-Nitrophenol	0.143	0.171		19.58	20.0
2,4-Dimethylphenol	0.217	0.194		-10.599	
bis(2-Chloroethoxy) methane	0.389	0.344		-11.568	
2,4-Dichlorophenol	0.280	0.256		-8.571	20.0
1,2,4-Trichlorobenzene	0.330	0.298		-9.697	
Benzoic acid	0.191	0.189		-1.047	
Naphthalene	0.989	0.875		-11.527	
4-Chloroaniline	0.370	0.314		-15.135	
Hexachlorobutadiene	0.193	0.181		-6.218	20.0
Caprolactam	0.084	0.082		-2.381	
4-Chloro-3-methylphenol	0.278	0.260		-6.475	20.0
2-Methylnaphthalene	0.649	0.571		-12.018	
Hexachlorocyclopentadiene	0.191	0.175	0.050	-8.377	
2,4,6-Trichlorophenol	0.366	0.345		-5.738	20.0
2-Fluorobiphenyl	1.258	1.059		-15.819	
2,4,5-Trichlorophenol	0.402	0.375		-6.716	
1,1-Biphenyl	1.468	1.281		-12.738	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG No.: BF062724

Instrument ID: BNA_F Calibration Date/Time: 6/27/2024 12:57

Lab File ID: BF138362.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	1.160	1.032		-11.034	
2-Nitroaniline	0.279	0.279		0.0	
Dimethylphthalate	1.225	1.153		-5.878	
Acenaphthylene	1.626	1.436		-11.685	
2,6-Dinitrotoluene	0.266	0.278		4.511	
3-Nitroaniline	0.284	0.280		-1.408	
Acenaphthene	1.109	0.990		-10.73	20.0
2,4-Dinitrophenol	0.104	0.126	0.050	21.154	
4-Nitrophenol	0.224	0.200	0.050	-10.714	
Dibenzofuran	1.550	1.355		-12.581	
2,4-Dinitrotoluene	0.328	0.361		10.061	
Diethylphthalate	1.163	1.081		-7.051	
4-Chlorophenyl-phenylether	0.607	0.540		-11.038	
Fluorene	1.219	1.038		-14.848	
4-Nitroaniline	0.284	0.267		-5.986	
4,6-Dinitro-2-methylphenol	0.090	0.112		24.444	
n-Nitrosodiphenylamine	0.612	0.543		-11.275	20.0
Azobenzene	1.165	0.980		-15.88	
2,4,6-Tribromophenol	0.199	0.195		-2.01	
4-Bromophenyl-phenylether	0.225	0.212		-5.778	
Hexachlorobenzene	0.263	0.242		-7.985	
Atrazine	0.174	0.140		-19.54	
Pentachlorophenol	0.153	0.136		-11.111	20.0
Phenanthrene	0.989	0.854		-13.65	
Anthracene	0.982	0.845		-13.951	
Carbazole	0.901	0.743		-17.536	
Di-n-butylphthalate	0.932	0.875		-6.116	
Fluoranthene	1.009	0.813		-19.425	20.0
Benzidine	0.231	0.335		45.022	
Pyrene	1.725	1.709		-0.928	
Terphenyl-d14	1.263	1.249		-1.108	
Butylbenzylphthalate	0.469	0.550		17.271	
3,3-Dichlorobenzidine	0.353	0.406		15.014	
Benzo(a)anthracene	1.283	1.161		-9.509	
Chrysene	1.223	1.124		-8.095	
Bis(2-ethylhexyl)phthalate	0.546	0.681		24.725	
Di-n-octyl phthalate	0.811	1.096		35.142	20.0
Benzo(b)fluoranthene	1.179	1.010		-14.334	
Benzo(k)fluoranthene	1.156	0.929		-19.637	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG No.: BF062724
 Instrument ID: BNA_F Calibration Date/Time: 6/27/2024 12:57
 Lab File ID: BF138362.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	1.013	0.913		-9.872	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.361		4.371	
Dibenzo(a,h)anthracene	1.070	1.108		3.551	
Benzo(g,h,i)perylene	1.107	1.156		4.426	
1,2,4,5-Tetrachlorobenzene	0.584	0.519		-11.13	
1,4-Dioxane	0.547	0.483		-11.7	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.290		-7.643	
1-Methylnaphthalene	0.636	0.554		-12.893	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161688TB	SDG No.:	BF062724
Lab Sample ID:	PB161688TB	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
BF138363.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161688TB	SDG No.:	BF062724
Lab Sample ID:	PB161688TB	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
BF138363.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

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:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161688TB	SDG No.:	BF062724
Lab Sample ID:	PB161688TB	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
BF138363.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

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	118.661		10-139		79	SPK: -150
13127-88-3	Phenol-d6	113.372		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	82.36		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.427		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	PB161688TB	SDG No.:	BF062724
Lab Sample ID:	PB161688TB	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
BF138363.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.038		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	81.468		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226640	6.881				
1146-65-2	Naphthalene-d8	893009	8.157				
15067-26-2	Acenaphthene-d10	505839	9.91				
1517-22-2	Phenanthrene-d10	922773	11.398				
1719-03-5	Chrysene-d12	579188	14.033				
1520-96-3	Perylene-d12	519411	15.504				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF062724
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	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
BF138364.D	1	6/14/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	10.1	12.7	ug/L
110-86-1	Pyridine	2	U	2	5.1	6.3	ug/L
100-52-7	Benzaldehyde	5.1	U	5.1	10.1	12.7	ug/L
62-53-3	Aniline	2	U	2	5.1	6.3	ug/L
108-95-2	Phenol	1.2	U	1.2	5.1	6.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	6.3	ug/L
95-57-8	2-Chlorophenol	0.9	U	0.9	5.1	6.3	ug/L
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	5.1	6.3	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	1	5.1	6.3	ug/L
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	5.1	6.3	ug/L
100-51-6	Benzyl Alcohol	2	U	2	10.1	12.7	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	6.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	5.1	6.3	ug/L
98-86-2	Acetophenone	1.4	U	1.4	5.1	6.3	ug/L
65794-96-9	3+4-Methylphenols	1.5	U	1.5	10.1	12.7	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.9	U	1.9	5.1	6.3	ug/L
67-72-1	Hexachloroethane	1.3	U	1.3	5.1	6.3	ug/L
98-95-3	Nitrobenzene	1.6	U	1.6	5.1	6.3	ug/L
78-59-1	Isophorone	1.4	U	1.4	5.1	6.3	ug/L
88-75-5	2-Nitrophenol	2.5	U	2.5	5.1	6.3	ug/L
105-67-9	2,4-Dimethylphenol	1.9	U	1.9	5.1	6.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.3	U	1.3	5.1	6.3	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	5.1	6.3	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.4	U	1.4	5.1	6.3	ug/L
65-85-0	Benzoic acid	6.9	U	6.9	10.1	12.7	ug/L
91-20-3	Naphthalene	1.3	U	1.3	5.1	6.3	ug/L
106-47-8	4-Chloroaniline	1.6	U	1.6	5.1	6.3	ug/L
87-68-3	Hexachlorobutadiene	1.6	U	1.6	5.1	6.3	ug/L

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF062724
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	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
BF138364.D	1	6/14/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.1	U	2.1	10.1	12.7	ug/L
59-50-7	4-Chloro-3-methylphenol	1.1	U	1.1	5.1	6.3	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	5.1	6.3	ug/L
77-47-4	Hexachlorocyclopentadiene	6.4	U	6.4	10.1	12.7	ug/L
88-06-2	2,4,6-Trichlorophenol	1.1	U	1.1	5.1	6.3	ug/L
95-95-4	2,4,5-Trichlorophenol	1.3	U	1.3	5.1	6.3	ug/L
92-52-4	1,1-Biphenyl	1.2	U	1.2	5.1	6.3	ug/L
91-58-7	2-Chloronaphthalene	1.2	U	1.2	5.1	6.3	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	5.1	6.3	ug/L
131-11-3	Dimethylphthalate	1.2	U	1.2	5.1	6.3	ug/L
208-96-8	Acenaphthylene	1.3	U	1.3	5.1	6.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.6	U	1.6	5.1	6.3	ug/L
99-09-2	3-Nitroaniline	1.7	U	1.7	5.1	6.3	ug/L
83-32-9	Acenaphthene	1	U	1	5.1	6.3	ug/L
Total PAH	Total PAH	21.8	U	21.8	5.1	100.8	ug/L
51-28-5	2,4-Dinitrophenol	8.1	U	8.1	10.1	12.7	ug/L
100-02-7	4-Nitrophenol	2.5	U	2.5	10.1	12.7	ug/L
132-64-9	Dibenzofuran	1.2	U	1.2	5.1	6.3	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.5	U	3.5	5.1	12.6	ug/L
121-14-2	2,4-Dinitrotoluene	1.9	U	1.9	5.1	6.3	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	5.1	6.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.2	U	1.2	5.1	6.3	ug/L
86-73-7	Fluorene	1.2	U	1.2	5.1	6.3	ug/L
100-01-6	4-Nitroaniline	2.6	U	2.6	5.1	6.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.9	U	3.9	10.1	12.7	ug/L
86-30-6	n-Nitrosodiphenylamine	1.1	U	1.1	5.1	6.3	ug/L
103-33-3	Azobenzene	1.5	U	1.5	5.1	6.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.2	U	1.2	5.1	6.3	ug/L
118-74-1	Hexachlorobenzene	1.4	U	1.4	5.1	6.3	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	6.3	ug/L

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF062724
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	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
BF138364.D	1	6/14/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.3	U	2.3	10.1	12.7	ug/L
85-01-8	Phenanthrene	1.1	U	1.1	5.1	6.3	ug/L
120-12-7	Anthracene	1.4	U	1.4	5.1	6.3	ug/L
86-74-8	Carbazole	1.5	U	1.5	5.1	6.3	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	5.1	6.3	ug/L
206-44-0	Fluoranthene	1.6	U	1.6	5.1	6.3	ug/L
92-87-5	Benzidine	5.2	U	5.2	10.1	12.7	ug/L
129-00-0	Pyrene	1.3	U	1.3	5.1	6.3	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	5.1	6.3	ug/L
91-94-1	3,3-Dichlorobenzidine	1.6	U	1.6	10.1	12.7	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	1.2	5.1	6.3	ug/L
218-01-9	Chrysene	1.1	U	1.1	5.1	6.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.4	U	2.4	5.1	6.3	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	10.1	12.7	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	5.1	6.3	ug/L
207-08-9	Benzo(k)fluoranthene	1.5	U	1.5	5.1	6.3	ug/L
50-32-8	Benzo(a)pyrene	2.1	U	2.1	5.1	6.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	5.1	6.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.5	U	1.5	5.1	6.3	ug/L
191-24-2	Benzo(g,h,i)perylene	1.5	U	1.5	5.1	6.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	5.1	6.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	5.1	6.3	ug/L
123-91-1	1,4-Dioxane	1.6	U	1.6	5.1	6.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	31.426	*	60-140		31	SPK: -100
13127-88-3	Phenol-d6	19.034	*	60-140		19	SPK: -100
4165-60-0	Nitrobenzene-d5	68.542		60-140		69	SPK: -100
321-60-8	2-Fluorobiphenyl	71.751		60-140		72	SPK: -100
118-79-6	2,4,6-Tribromophenol	65.58		60-140		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF062724
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	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
BF138364.D	1	6/14/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	62.305		60-140		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248903	6.881				
1146-65-2	Naphthalene-d8	904991	8.163				
15067-26-2	Acenaphthene-d10	426040	9.916				
1517-22-2	Phenanthrene-d10	580942	11.398				
1719-03-5	Chrysene-d12	454852	14.039				
1520-96-3	Perylene-d12	461442	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.169	
000104-76-7	1-Hexanol, 2-ethyl-	130	J			6.951	
000149-57-5	Hexanoic acid, 2-ethyl-	550	J			7.816	
000124-07-2	Octanoic acid	96.2	J			8.081	
004192-77-2	2-Propenoic acid, 3-phenyl-, ethyl	95.2	J			9.751	
036400-98-3	1-Octanol, 5,7,7-trimethyl-2-(1,3,	120	J			10.933	
1000406-27-4	Hexanoic acid, 3,5,5-trimethyl-, p	210	J			10.963	
1000130-97-4	10-Methyl-E-11-tridecen-1-ol propi	120	J			10.992	
000544-63-8	Tetradecanoic acid	110	J			11.092	
000628-97-7	Hexadecanoic acid, ethyl ester	290	J			12.074	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	410	J			12.51	
000112-61-8	Methyl stearate	290	J			12.598	
006114-18-7	(E)-9-Octadecenoic acid ethyl este	1600	J			12.81	
000111-61-5	Octadecanoic acid, ethyl ester	1100	J			12.904	
000112-10-7	Isopropyl stearate	230	J			12.969	
018281-05-5	Eicosanoic acid, ethyl ester	130	J			13.539	
000112-79-8	9-Octadecenoic acid, (E)-	97.3	J			14.445	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			14.721	
003234-85-3	Myristyl myristate	490	J			15.451	
	unknown18.368	210	J			18.368	

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF062724
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	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
BF138364.D	1	6/14/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1	SDG No.:	BF062724
Lab Sample ID:	P3076-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138365.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.2	U	96.2	300	370	ug/Kg
110-86-1	Pyridine	88.6	U	88.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.9	U	91.9	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.8	U	92.8	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.5	U	92.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.8	U	93.8	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.3	U	95.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.9	U	95.9	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92	U	92	300	370	ug/Kg
95-48-7	2-Methylphenol	89.3	U	89.3	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.3	U	96.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.4	U	88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.7	U	44.7	88.7	88.7	ug/Kg
67-72-1	Hexachloroethane	92	U	92	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.8	U	93.8	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.1	U	95.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.7	U	83.7	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.6	U	94.6	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.5	U	91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.5	U	91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.3	U	92.3	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1	SDG No.:	BF062724
Lab Sample ID:	P3076-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138365.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.2	U	96.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.9	U	85.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.4	U	91.4	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.1	U	79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.9	U	96.9	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.3	U	92.3	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.5	U	90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	95.9	U	95.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.2	U	92.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.9	U	98.9	140	190	ug/Kg
83-32-9	Acenaphthene	89.9	U	89.9	140	190	ug/Kg
Total PAH	Total PAH	1465.5	U	1465.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.5	U	93.5	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.5	U	95.5	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.7	U	187.7	140	380	ug/Kg
84-66-2	Diethylphthalate	88.8	U	88.8	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.9	U	94.9	140	190	ug/Kg
86-73-7	Fluorene	94.8	U	94.8	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.4	U	90.4	140	190	ug/Kg
103-33-3	Azobenzene	88.2	U	88.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.4	U	87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.2	U	94.2	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1	SDG No.:	BF062724
Lab Sample ID:	P3076-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138365.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.7	U	85.7	300	370	ug/Kg
85-01-8	Phenanthrene	93.1	U	93.1	140	190	ug/Kg
120-12-7	Anthracene	93.5	U	93.5	140	190	ug/Kg
86-74-8	Carbazole	89	U	89	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.4	U	93.4	140	190	ug/Kg
206-44-0	Fluoranthene	90.5	U	90.5	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92	U	92	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.4	U	89.4	140	190	ug/Kg
218-01-9	Chrysene	88.1	U	88.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.9	U	89.9	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.5	U	91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.6	U	86.6	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	U	90	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.8	U	88.8	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.2	U	96.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.2	U	92.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.146		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.153		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	54.67		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	48.085		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1	SDG No.:	BF062724
Lab Sample ID:	P3076-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138365.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.587		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	44.118		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261541	6.881				
1146-65-2	Naphthalene-d8	1026088	8.157				
15067-26-2	Acenaphthene-d10	574467	9.91				
1517-22-2	Phenanthrene-d10	877746	11.398				
1719-03-5	Chrysene-d12	451279	14.033				
1520-96-3	Perylene-d12	518263	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.175	
000057-55-6	Propylene Glycol	85.7	J			3.404	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	97.9	J			8.469	
000057-10-3	n-Hexadecanoic acid	92	J			11.922	
000295-48-7	Cyclopentadecane	120	J			13.874	
000192-97-2	Benzo[e]pyrene	83.9	J			15.068	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MS	SDG No.:	BF062724
Lab Sample ID:	P3076-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138366.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		96.1	300	370	ug/Kg
110-86-1	Pyridine	1400		88.5	140	190	ug/Kg
100-52-7	Benzaldehyde	510		200	300	370	ug/Kg
62-53-3	Aniline	900		110	140	190	ug/Kg
108-95-2	Phenol	1600		91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		92.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	1700		92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		93.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		95.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	1600		89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	140	190	ug/Kg
98-86-2	Acetophenone	1400		96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1500		88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	1700		91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	1500		100	140	190	ug/Kg
78-59-1	Isophorone	1600		93.7	140	190	ug/Kg
88-75-5	2-Nitrophenol	2200		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		94.6	140	190	ug/Kg
65-85-0	Benzoic acid	1600		260	300	370	ug/Kg
91-20-3	Naphthalene	1500		91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	300		91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MS	SDG No.:	BF062724
Lab Sample ID:	P3076-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138366.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1500		96.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	1800		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	1800		90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	1700		95.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	920		98.8	140	190	ug/Kg
83-32-9	Acenaphthene	1700		89.8	140	190	ug/Kg
Total PAH	Total PAH	25100		1464.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	2800		130	300	370	ug/Kg
132-64-9	Dibenzofuran	1600		93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3800		187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	1700		88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		94.8	140	190	ug/Kg
86-73-7	Fluorene	1500		94.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	1500		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		90.3	140	190	ug/Kg
103-33-3	Azobenzene	1500		88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1700		94.1	140	190	ug/Kg
1912-24-9	Atrazine	1800		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MS	SDG No.:	BF062724
Lab Sample ID:	P3076-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138366.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700		85.6	300	370	ug/Kg
85-01-8	Phenanthrene	1700		93	140	190	ug/Kg
120-12-7	Anthracene	1600		93.4	140	190	ug/Kg
86-74-8	Carbazole	1400		88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		93.3	140	190	ug/Kg
206-44-0	Fluoranthene	1400		90.5	140	190	ug/Kg
92-87-5	Benzidine	3100	E	180	300	370	ug/Kg
129-00-0	Pyrene	1400		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1700		89.3	140	190	ug/Kg
218-01-9	Chrysene	1700		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2800		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.98		18-112		51	SPK: -150
13127-88-3	Phenol-d6	76.254		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.426		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	49.147		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MS	SDG No.:	BF062724
Lab Sample ID:	P3076-10MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138366.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.657		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	42.377		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	274627	6.881				
1146-65-2	Naphthalene-d8	1083119	8.163				
15067-26-2	Acenaphthene-d10	580490	9.916				
1517-22-2	Phenanthrene-d10	857185	11.404				
1719-03-5	Chrysene-d12	483342	14.039				
1520-96-3	Perylene-d12	532166	15.509				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MSD	SDG No.:	BF062724
Lab Sample ID:	P3076-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.06	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
BF138367.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		96	300	370	ug/Kg
110-86-1	Pyridine	1400		88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	520		200	300	370	ug/Kg
62-53-3	Aniline	1000		110	140	190	ug/Kg
108-95-2	Phenol	1700		91.7	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		91.8	300	370	ug/Kg
95-48-7	2-Methylphenol	1700		89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	140	190	ug/Kg
98-86-2	Acetophenone	1400		96.1	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1600		88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		44.6	88.5	88.5	ug/Kg
67-72-1	Hexachloroethane	1700		91.8	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		100	140	190	ug/Kg
78-59-1	Isophorone	1700		93.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	2300		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		94.9	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		83.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		94.5	140	190	ug/Kg
65-85-0	Benzoic acid	1600		260	300	370	ug/Kg
91-20-3	Naphthalene	1600		91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	400		91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		92.2	140	190	ug/Kg



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	7-S-1MSD			SDG No.:	BF062724	
Lab Sample ID:	P3076-10MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.8	
Sample Wt/Vol:	30.06	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
BF138367.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		96	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		85.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1600		91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4500	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1500		96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	1900		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	1800		90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	1700		95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	1000		98.7	140	190	ug/Kg
83-32-9	Acenaphthene	1700		89.7	140	190	ug/Kg
Total PAH	Total PAH	25800		1463.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	2800		130	300	370	ug/Kg
132-64-9	Dibenzofuran	1600		93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	1800		88.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		94.7	140	190	ug/Kg
86-73-7	Fluorene	1500		94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	1500		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		90.3	140	190	ug/Kg
103-33-3	Azobenzene	1600		88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1700		94	140	190	ug/Kg
1912-24-9	Atrazine	1900		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MSD	SDG No.:	BF062724
Lab Sample ID:	P3076-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.06	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
BF138367.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800		85.5	300	370	ug/Kg
85-01-8	Phenanthrene	1700		92.9	140	190	ug/Kg
120-12-7	Anthracene	1700		93.4	140	190	ug/Kg
86-74-8	Carbazole	1400		88.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		93.3	140	190	ug/Kg
206-44-0	Fluoranthene	1400		90.4	140	190	ug/Kg
92-87-5	Benzidine	3400	E	180	300	370	ug/Kg
129-00-0	Pyrene	1400		91.8	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2100		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		89.3	140	190	ug/Kg
218-01-9	Chrysene	1800		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	3000	E	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		89.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		86.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		89.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		88.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		96	140	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.804		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.638		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.234		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	49.941		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-S-1MSD	SDG No.:	BF062724
Lab Sample ID:	P3076-10MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.06 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
BF138367.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.495		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	43.337		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265029	6.881				
1146-65-2	Naphthalene-d8	1043898	8.163				
15067-26-2	Acenaphthene-d10	563171	9.916				
1517-22-2	Phenanthrene-d10	850027	11.404				
1719-03-5	Chrysene-d12	487670	14.039				
1520-96-3	Perylene-d12	516006	15.509				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOR-RAG-DRUMMSD	SDG No.:	BF062724
Lab Sample ID:	P3049-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138368.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	160		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	410		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	440		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	360		13.5	40	50	ug/L
98-86-2	Acetophenone	1000	E	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	1100	E	12.7	40	50	ug/L
78-59-1	Isophorone	910	E	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	1200	E	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	830	E	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	630		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	590		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	540		11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	420		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	160		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOR-RAG-DRUMMSD	SDG No.:	BF062724
Lab Sample ID:	P3049-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138368.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

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	1000	E	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	1300	E	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	390		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	460		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	460		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	170		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	7080		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	880	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1500	E	20	80	100	ug/L
132-64-9	Dibenzofuran	340		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	400		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	870		27.6	40	100	ug/L
84-66-2	Diethylphthalate	360		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		9.8	40	50	ug/L
86-73-7	Fluorene	410		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	290		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	480		8.9	40	50	ug/L
103-33-3	Azobenzene	380		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	450		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	480		11.4	40	50	ug/L
1912-24-9	Atrazine	79.8		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOR-RAG-DRUMMSD	SDG No.:	BF062724
Lab Sample ID:	P3049-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138368.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	900	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	450		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	480		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	350		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	570		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	470		9.4	40	50	ug/L
218-01-9	Chrysene	480		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	670		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	820	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	530		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	470		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	500		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	360		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	370		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	320		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		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	420		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	980	E	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.64		10-139		86	SPK: -150
13127-88-3	Phenol-d6	111.631		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	189.107	*	49-133		189	SPK: -100
321-60-8	2-Fluorobiphenyl	89.876		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOR-RAG-DRUMMSD	SDG No.:	BF062724
Lab Sample ID:	P3049-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138368.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161745

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.468		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	63.226		36-145		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215043	6.881				
1146-65-2	Naphthalene-d8	334961	8.163				
15067-26-2	Acenaphthene-d10	368852	9.951				
1517-22-2	Phenanthrene-d10	510094	11.404				
1719-03-5	Chrysene-d12	429664	14.039				
1520-96-3	Perylene-d12	447088	15.51				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOP-RAG-DRUM	SDG No.:	BF062724
Lab Sample ID:	P3049-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF138369.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5100	U	5100	16000	19600	ug/Kg
110-86-1	Pyridine	4700	U	4700	7700	10100	ug/Kg
100-52-7	Benzaldehyde	10800	U	10800	16000	19600	ug/Kg
62-53-3	Aniline	5700	U	5700	7700	10100	ug/Kg
108-95-2	Phenol	4900	U	4900	7700	10100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5000	U	5000	7700	10100	ug/Kg
95-57-8	2-Chlorophenol	5000	U	5000	7700	10100	ug/Kg
95-50-1	1,2-Dichlorobenzene	5000	U	5000	7700	10100	ug/Kg
541-73-1	1,3-Dichlorobenzene	5100	U	5100	7700	10100	ug/Kg
106-46-7	1,4-Dichlorobenzene	5100	U	5100	7700	10100	ug/Kg
100-51-6	Benzyl Alcohol	4900	U	4900	16000	19600	ug/Kg
95-48-7	2-Methylphenol	4800	U	4800	7700	10100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	5400	U	5400	7700	10100	ug/Kg
98-86-2	Acetophenone	5200	U	5200	7700	10100	ug/Kg
65794-96-9	3+4-Methylphenols	4700	U	4700	16000	19600	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2400	U	2400	4700	4700	ug/Kg
67-72-1	Hexachloroethane	4900	U	4900	7700	10100	ug/Kg
98-95-3	Nitrobenzene	5400	U	5400	7700	10100	ug/Kg
78-59-1	Isophorone	5000	U	5000	7700	10100	ug/Kg
88-75-5	2-Nitrophenol	5600	U	5600	7700	10100	ug/Kg
105-67-9	2,4-Dimethylphenol	5500	U	5500	7700	10100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	5100	U	5100	7700	10100	ug/Kg
120-83-2	2,4-Dichlorophenol	4500	U	4500	7700	10100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5100	U	5100	7700	10100	ug/Kg
65-85-0	Benzoic acid	14100	U	14100	16000	19600	ug/Kg
91-20-3	Naphthalene	4900	U	4900	7700	10100	ug/Kg
106-47-8	4-Chloroaniline	4900	U	4900	7700	10100	ug/Kg
87-68-3	Hexachlorobutadiene	4900	U	4900	7700	10100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOP-RAG-DRUM	SDG No.:	BF062724
Lab Sample ID:	P3049-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06 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
BF138369.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	5100	U	5100	16000	19600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4600	U	4600	7700	10100	ug/Kg
91-57-6	2-Methylnaphthalene	4900	U	4900	7700	10100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9200	U	9200	16000	19600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4200	U	4200	7700	10100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	U	4400	7700	10100	ug/Kg
92-52-4	1,1-Biphenyl	5200	U	5200	7700	10100	ug/Kg
91-58-7	2-Chloronaphthalene	4900	U	4900	7700	10100	ug/Kg
88-74-4	2-Nitroaniline	5600	U	5600	7700	10100	ug/Kg
131-11-3	Dimethylphthalate	4800	U	4800	7700	10100	ug/Kg
208-96-8	Acenaphthylene	5100	U	5100	7700	10100	ug/Kg
606-20-2	2,6-Dinitrotoluene	4900	U	4900	7700	10100	ug/Kg
99-09-2	3-Nitroaniline	5300	U	5300	7700	10100	ug/Kg
83-32-9	Acenaphthene	4800	U	4800	7700	10100	ug/Kg
Total PAH	Total PAH	78400	U	78400	7700	161600	ug/Kg
51-28-5	2,4-Dinitrophenol	14400	U	14400	16000	19600	ug/Kg
100-02-7	4-Nitrophenol	6900	U	6900	16000	19600	ug/Kg
132-64-9	Dibenzofuran	5000	U	5000	7700	10100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10000	U	10000	7700	20200	ug/Kg
121-14-2	2,4-Dinitrotoluene	5100	U	5100	7700	10100	ug/Kg
84-66-2	Diethylphthalate	4700	U	4700	7700	10100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5100	U	5100	7700	10100	ug/Kg
86-73-7	Fluorene	5100	U	5100	7700	10100	ug/Kg
100-01-6	4-Nitroaniline	6300	U	6300	7700	10100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	6900	U	6900	16000	19600	ug/Kg
86-30-6	n-Nitrosodiphenylamine	4800	U	4800	7700	10100	ug/Kg
103-33-3	Azobenzene	4700	U	4700	7700	10100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4700	U	4700	7700	10100	ug/Kg
118-74-1	Hexachlorobenzene	5000	U	5000	7700	10100	ug/Kg
1912-24-9	Atrazine	5400	U	5400	7700	10100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOP-RAG-DRUM	SDG No.:	BF062724
Lab Sample ID:	P3049-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06 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
BF138369.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4600	U	4600	16000	19600	ug/Kg
85-01-8	Phenanthrene	5000	U	5000	7700	10100	ug/Kg
120-12-7	Anthracene	5000	U	5000	7700	10100	ug/Kg
86-74-8	Carbazole	4800	U	4800	7700	10100	ug/Kg
84-74-2	Di-n-butylphthalate	5000	U	5000	7700	10100	ug/Kg
206-44-0	Fluoranthene	4800	U	4800	7700	10100	ug/Kg
92-87-5	Benzidine	9700	U	9700	16000	19600	ug/Kg
129-00-0	Pyrene	4900	U	4900	7700	10100	ug/Kg
85-68-7	Butylbenzylphthalate	5700	U	5700	7700	10100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	5800	U	5800	16000	19600	ug/Kg
56-55-3	Benzo(a)anthracene	4800	U	4800	7700	10100	ug/Kg
218-01-9	Chrysene	4700	U	4700	7700	10100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5400	U	5400	7700	10100	ug/Kg
117-84-0	Di-n-octyl phthalate	6500	U	6500	16000	19600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800	U	4800	7700	10100	ug/Kg
207-08-9	Benzo(k)fluoranthene	4900	U	4900	7700	10100	ug/Kg
50-32-8	Benzo(a)pyrene	5500	U	5500	7700	10100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4600	U	4600	7700	10100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4800	U	4800	7700	10100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4700	U	4700	7700	10100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5100	U	5100	7700	10100	ug/Kg
123-91-1	1,4-Dioxane	6500	U	6500	7700	10100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4400	U	4400	7700	10100	ug/Kg
90-12-0	1-Methylnaphthalene	4900	U	4900	10100	10100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.21		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.02		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	56.39		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.51		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOP-RAG-DRUM	SDG No.:	BF062724
Lab Sample ID:	P3049-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06 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
BF138369.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	20.38		10-110		14	SPK: -150
1718-51-0	Terphenyl-d14	48.6		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216979	6.88				
1146-65-2	Naphthalene-d8	830823	8.163				
15067-26-2	Acenaphthene-d10	442824	9.91				
1517-22-2	Phenanthrene-d10	621124	11.398				
1719-03-5	Chrysene-d12	423771	14.033				
1520-96-3	Perylene-d12	421320	15.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9600	J			2.14	
	unknown2.492	12500	J			2.492	
000611-14-3	Benzene, 1-ethyl-2-methyl-	15300	J			6.404	
000124-18-5	Decane	31100	J			6.71	
000622-96-8	Benzene, 1-ethyl-4-methyl-	12500	J			6.933	
001074-43-7	Benzene, 1-methyl-3-propyl-	10800	J			7.151	
000105-05-5	Benzene, 1,4-diethyl-	11900	J			7.198	
001074-55-1	Benzene, 1-methyl-4-propyl-	11700	J			7.269	
	unknown7.527	12400	J			7.527	
000149-57-5	Hexanoic acid, 2-ethyl-	144700	J			7.657	
000110-06-5	Di-tert-butyl disulfide	13800	J			7.704	
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	13900	J			7.898	
001638-16-0	2-Propanol, 1,1-[(1-methyl-1,2-et	21000	J			8.38	
055956-25-7	2-Propanol, 1-[1-methyl-2-(2-prope	22300	J			8.404	
004253-90-1	Trisulfide, bis(1,1-dimethylethyl)	70400	J			8.857	
029878-31-7	1H-Benzotriazole, 4-methyl-	21200	J			10.063	
000136-85-6	1H-Benzotriazole, 5-methyl-	18100	J			10.286	
000142-16-5	Bis(2-ethylhexyl) maleate	14800	J			12.639	
1000406-35-4	1,3-Propanediol, ethyl octadecyl e	9700	J			14.804	

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	SHOP-RAG-DRUM	SDG No.:	BF062724
Lab Sample ID:	P3049-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF138369.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424	SDG No.:	BF062724
Lab Sample ID:	P3047-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138370.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	500	U	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	U	610	820	1100	ug/Kg
108-95-2	Phenol	520	U	520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	540	U	540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	520	U	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	U	570	820	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	500	U	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	500	500	ug/Kg
67-72-1	Hexachloroethane	520	U	520	820	1100	ug/Kg
98-95-3	Nitrobenzene	570	U	570	820	1100	ug/Kg
78-59-1	Isophorone	530	U	530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	540	U	540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	520	U	520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424	SDG No.:	BF062724
Lab Sample ID:	P3047-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138370.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	550	U	550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	820	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	820	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	820	1100	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	820	1100	ug/Kg
83-32-9	Acenaphthene	510	U	510	820	1100	ug/Kg
Total PAH	Total PAH	8620	U	8360	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	730	U	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	530	U	530	820	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060	U	1060	820	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	820	1100	ug/Kg
86-73-7	Fluorene	540	U	540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	670	U	670	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	820	1100	ug/Kg
103-33-3	Azobenzene	500	U	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	820	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424	SDG No.:	BF062724
Lab Sample ID:	P3047-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138370.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	1700		530	820	1100	ug/Kg
120-12-7	Anthracene	530	U	530	820	1100	ug/Kg
86-74-8	Carbazole	510	U	510	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	530	U	530	820	1100	ug/Kg
206-44-0	Fluoranthene	1300		520	820	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	1600		520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	610	U	610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	620	U	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	1000	J	510	820	1100	ug/Kg
218-01-9	Chrysene	1100		500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	690	U	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	J	510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	520	U	520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	920	J	590	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490	U	490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	U	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	U	510	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	690	U	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.73		18-112		70	SPK: -150
13127-88-3	Phenol-d6	104.73		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	72.5		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	91.15		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424	SDG No.:	BF062724
Lab Sample ID:	P3047-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138370.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.32		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	64.79		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233653	6.881				
1146-65-2	Naphthalene-d8	873405	8.157				
15067-26-2	Acenaphthene-d10	434473	9.91				
1517-22-2	Phenanthrene-d10	569967	11.398				
1719-03-5	Chrysene-d12	437640	14.033				
1520-96-3	Perylene-d12	378842	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.14	
000581-40-8	Naphthalene, 2,3-dimethyl-	440	J			9.569	
001430-97-3	9H-Fluorene, 2-methyl-	470	J			11.004	
002531-84-2	Phenanthrene, 2-methyl-	740	J			11.898	
000613-12-7	Anthracene, 2-methyl-	950	J			11.927	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			12.01	
000832-69-9	Phenanthrene, 1-methyl-	590	J			12.033	
000781-43-1	9,10-Dimethylanthracene	770	J			12.445	
001576-67-6	Phenanthrene, 3,6-dimethyl-	1100	J			12.48	
003674-66-6	Phenanthrene, 2,5-dimethyl-	550	J			12.533	
002381-21-7	Pyrene, 1-methyl-	480	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	510	J			13.163	
003353-12-6	Pyrene, 4-methyl-	500	J			13.269	
000238-84-6	11H-Benzo[a]fluorene	450	J			13.363	
003442-78-2	Pyrene, 2-methyl-	510	J			13.392	
003351-32-4	2-Methylchrysene	560	J			14.421	
000192-97-2	Benzo[e]pyrene	520	J			15.374	



Client:				Date Collected:	6/24/2024 12:00:00 AM	
Project:				Date Received:	6/24/2024 12:00:00 AM	
Client Sample ID:	EO-01-062424MS			SDG No.:	BF062724	
Lab Sample ID:	P3047-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	5	
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
BF138371.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	930	J	550	1700	2100	ug/Kg
110-86-1	Pyridine	820	J	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	J	610	820	1100	ug/Kg
108-95-2	Phenol	1200		520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	1100		530	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		550	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	1100	J	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	1200		510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	J	570	820	1100	ug/Kg
98-86-2	Acetophenone	1100		550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	1200	J	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		250	500	500	ug/Kg
67-72-1	Hexachloroethane	1000	J	520	820	1100	ug/Kg
98-95-3	Nitrobenzene	1100		570	820	1100	ug/Kg
78-59-1	Isophorone	1200		530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	1300		600	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		480	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	1400		520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	660	J	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1100		530	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424MS	SDG No.:	BF062724
Lab Sample ID:	P3047-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF138371.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950	J	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	J	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1500		520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990	J	470	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	1300		550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1200		530	820	1100	ug/Kg
88-74-4	2-Nitroaniline	1200		600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	1400		520	820	1100	ug/Kg
208-96-8	Acenaphthylene	1400		550	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		520	820	1100	ug/Kg
99-09-2	3-Nitroaniline	810	J	560	820	1100	ug/Kg
83-32-9	Acenaphthene	1200		510	820	1100	ug/Kg
Total PAH	Total PAH	26770		8360	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	1200	J	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	1200		530	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		1060	820	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		540	820	1100	ug/Kg
84-66-2	Diethylphthalate	1300		510	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		540	820	1100	ug/Kg
86-73-7	Fluorene	1400		540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	860	J	680	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600	J	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		510	820	1100	ug/Kg
103-33-3	Azobenzene	1000	J	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100		540	820	1100	ug/Kg
1912-24-9	Atrazine	1300		580	820	1100	ug/Kg



Client:			Date Collected:	6/24/2024 12:00:00 AM	
Project:			Date Received:	6/24/2024 12:00:00 AM	
Client Sample ID:	EO-01-062424MS		SDG No.:	BF062724	
Lab Sample ID:	P3047-01MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	5	
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
BF138371.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	J	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	2600		530	820	1100	ug/Kg
120-12-7	Anthracene	1500		530	820	1100	ug/Kg
86-74-8	Carbazole	1100		510	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1400		530	820	1100	ug/Kg
206-44-0	Fluoranthene	2300		520	820	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	2200		520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	1400		610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970	J	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2000		510	820	1100	ug/Kg
218-01-9	Chrysene	2100		500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	J	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1900		590	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970	J	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		510	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	830	J	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	800	J	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	1400		520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.93		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.57		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.61		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	78.99		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424MS	SDG No.:	BF062724
Lab Sample ID:	P3047-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF138371.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.48		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	54.45		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224242	6.881				
1146-65-2	Naphthalene-d8	837971	8.163				
15067-26-2	Acenaphthene-d10	403738	9.916				
1517-22-2	Phenanthrene-d10	536090	11.398				
1719-03-5	Chrysene-d12	435641	14.033				
1520-96-3	Perylene-d12	374784	15.504				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424MSD	SDG No.:	BF062724
Lab Sample ID:	P3047-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF138372.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	920	J	550	1700	2100	ug/Kg
110-86-1	Pyridine	830	J	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	J	610	820	1100	ug/Kg
108-95-2	Phenol	1200		520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	1200		530	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		550	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	1100	J	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	1100		510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	J	570	820	1100	ug/Kg
98-86-2	Acetophenone	1100		550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	1200	J	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		250	500	500	ug/Kg
67-72-1	Hexachloroethane	1100		520	820	1100	ug/Kg
98-95-3	Nitrobenzene	1100		570	820	1100	ug/Kg
78-59-1	Isophorone	1100		530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	1200		600	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		480	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	1400		520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	670	J	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	1100		530	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424MSD	SDG No.:	BF062724
Lab Sample ID:	P3047-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF138372.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	960	J	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	J	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	1500		520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930	J	470	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	1300		550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	1200		530	820	1100	ug/Kg
88-74-4	2-Nitroaniline	1200		600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	1400		520	820	1100	ug/Kg
208-96-8	Acenaphthylene	1400		550	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		530	820	1100	ug/Kg
99-09-2	3-Nitroaniline	790	J	560	820	1100	ug/Kg
83-32-9	Acenaphthene	1200		510	820	1100	ug/Kg
Total PAH	Total PAH	26800		8360	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	1200	J	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	1200		530	820	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		540	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		1070	820	2200	ug/Kg
84-66-2	Diethylphthalate	1300		510	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		540	820	1100	ug/Kg
86-73-7	Fluorene	1400		540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	840	J	680	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600	J	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		520	820	1100	ug/Kg
103-33-3	Azobenzene	1000	J	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	1100		540	820	1100	ug/Kg
1912-24-9	Atrazine	1300		580	820	1100	ug/Kg



Client:			Date Collected:	6/24/2024 12:00:00 AM	
Project:			Date Received:	6/24/2024 12:00:00 AM	
Client Sample ID:	EO-01-062424MSD		SDG No.:	BF062724	
Lab Sample ID:	P3047-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	5	
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
BF138372.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	J	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	2500		530	820	1100	ug/Kg
120-12-7	Anthracene	1500		530	820	1100	ug/Kg
86-74-8	Carbazole	1100		510	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	1400		530	820	1100	ug/Kg
206-44-0	Fluoranthene	2400		520	820	1100	ug/Kg
92-87-5	Benzidine	1000	J	1000	1700	2100	ug/Kg
129-00-0	Pyrene	2200		520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	1300		610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990	J	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2000		510	820	1100	ug/Kg
218-01-9	Chrysene	2000		500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	J	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	1900		590	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	J	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		510	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	850	J	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	820	J	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	1400		530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.42		18-112		61	SPK: -150
13127-88-3	Phenol-d6	90.12		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.91		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	80.27		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	EO-01-062424MSD	SDG No.:	BF062724
Lab Sample ID:	P3047-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF138372.D	10	6/25/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.54		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	54.71		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223118	6.881				
1146-65-2	Naphthalene-d8	832001	8.163				
15067-26-2	Acenaphthene-d10	387171	9.91				
1517-22-2	Phenanthrene-d10	511201	11.398				
1719-03-5	Chrysene-d12	431050	14.033				
1520-96-3	Perylene-d12	348058	15.504				

Report of Analysis

Client:				Date Collected:	6/25/2024 12:00:00 AM		
Project:				Date Received:	6/25/2024 12:00:00 AM		
Client Sample ID:	7-N-1			SDG No.:	BF062724		
Lab Sample ID:	P3076-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.2		
Sample Wt/Vol:	30.02	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
BF138373.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.5	U	95.5	300	360	ug/Kg
110-86-1	Pyridine	87.9	U	87.9	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.2	U	91.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.1	U	92.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.9	U	91.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.1	U	93.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.7	U	94.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.3	U	91.3	300	360	ug/Kg
95-48-7	2-Methylphenol	88.7	U	88.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.6	U	95.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.8	U	87.8	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.4	U	44.4	88	88	ug/Kg
67-72-1	Hexachloroethane	91.3	U	91.3	140	190	ug/Kg
98-95-3	Nitrobenzene	99.9	U	99.9	140	190	ug/Kg
78-59-1	Isophorone	93.1	U	93.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.4	U	94.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.1	U	83.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94	U	94	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.9	U	90.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.9	U	90.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.7	U	91.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF062724
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	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
BF138373.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.5	U	95.5	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.3	U	85.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.8	U	90.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.6	U	78.6	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.4	U	81.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.2	U	96.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.7	U	91.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.9	U	89.9	140	190	ug/Kg
208-96-8	Acenaphthylene	95.2	U	95.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.6	U	91.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.2	U	98.2	140	190	ug/Kg
83-32-9	Acenaphthene	89.3	U	89.3	140	190	ug/Kg
Total PAH	Total PAH	1456.1	U	1456.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.9	U	92.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	186.5	U	186.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.9	U	94.9	140	190	ug/Kg
84-66-2	Diethylphthalate	88.2	U	88.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.2	U	94.2	140	190	ug/Kg
86-73-7	Fluorene	94.1	U	94.1	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.8	U	89.8	140	190	ug/Kg
103-33-3	Azobenzene	87.6	U	87.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.8	U	86.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.6	U	93.6	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF062724
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	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
BF138373.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.1	U	85.1	300	360	ug/Kg
85-01-8	Phenanthrene	92.4	U	92.4	140	190	ug/Kg
120-12-7	Anthracene	92.9	U	92.9	140	190	ug/Kg
86-74-8	Carbazole	88.4	U	88.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.8	U	92.8	140	190	ug/Kg
206-44-0	Fluoranthene	180	J	89.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	120	J	91.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	91.4	J	88.8	140	190	ug/Kg
218-01-9	Chrysene	87.5	U	87.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	89.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.9	U	90.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	U	86	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.4	U	89.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.2	U	88.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.5	U	95.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.2	U	82.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.6	U	91.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.517		18-112		47	SPK: -150
13127-88-3	Phenol-d6	67.632		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	50.358		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	55.234		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-N-1	SDG No.:	BF062724
Lab Sample ID:	P3076-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	30.02	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
BF138373.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.679		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	40.656		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225950	6.881				
1146-65-2	Naphthalene-d8	829504	8.157				
15067-26-2	Acenaphthene-d10	383515	9.91				
1517-22-2	Phenanthrene-d10	517763	11.398				
1719-03-5	Chrysene-d12	448921	14.033				
1520-96-3	Perylene-d12	365001	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	74.8	J			10.804	
027519-02-4	9-Tricosene, (Z)-	110	J			13.874	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF062724
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	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
BF138374.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.7	U	95.7	300	360	ug/Kg
110-86-1	Pyridine	88.1	U	88.1	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.4	U	91.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.3	U	92.3	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.1	U	92.1	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.3	U	93.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.8	U	94.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.4	U	95.4	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.5	U	91.5	300	360	ug/Kg
95-48-7	2-Methylphenol	88.9	U	88.9	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.8	U	95.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88	U	88	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.4	U	44.4	88.2	88.2	ug/Kg
67-72-1	Hexachloroethane	91.5	U	91.5	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.3	U	93.3	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.6	U	94.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.2	U	83.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.1	U	94.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91.1	U	91.1	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.1	U	91.1	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.8	U	91.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF062724
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138374.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.7	U	95.7	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.4	U	85.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.9	U	90.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.7	U	78.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.6	U	81.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.3	U	96.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.8	U	91.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.1	U	90.1	140	190	ug/Kg
208-96-8	Acenaphthylene	95.4	U	95.4	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.7	U	91.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.3	U	98.3	140	190	ug/Kg
83-32-9	Acenaphthene	89.4	U	89.4	140	190	ug/Kg
Total PAH	Total PAH	1458.4	U	1458.4	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	93	U	93	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.7	U	186.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95	U	95	140	190	ug/Kg
84-66-2	Diethylphthalate	88.3	U	88.3	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.4	U	94.4	140	190	ug/Kg
86-73-7	Fluorene	94.3	U	94.3	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90	U	90	140	190	ug/Kg
103-33-3	Azobenzene	87.8	U	87.8	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.7	U	93.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF062724
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	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
BF138374.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.2	U	85.2	300	360	ug/Kg
85-01-8	Phenanthrene	96.3	J	92.6	140	190	ug/Kg
120-12-7	Anthracene	93	U	93	140	190	ug/Kg
86-74-8	Carbazole	88.5	U	88.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.9	U	92.9	140	190	ug/Kg
206-44-0	Fluoranthene	140	J	90.1	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.5	U	91.5	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	89	U	89	140	190	ug/Kg
218-01-9	Chrysene	87.6	U	87.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.4	U	89.4	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.1	U	91.1	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.1	U	86.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.5	U	89.5	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.3	U	88.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.7	U	95.7	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.3	U	82.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.7	U	91.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.203		18-112		51	SPK: -150
13127-88-3	Phenol-d6	71.492		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	52.721		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	55.274		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-W-1	SDG No.:	BF062724
Lab Sample ID:	P3076-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
Sample Wt/Vol:	30.07	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
BF138374.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.73		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	41.077		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237131	6.881				
1146-65-2	Naphthalene-d8	883360	8.157				
15067-26-2	Acenaphthene-d10	423542	9.91				
1517-22-2	Phenanthrene-d10	578877	11.398				
1719-03-5	Chrysene-d12	485113	14.033				
1520-96-3	Perylene-d12	395119	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.098	
000057-10-3	n-Hexadecanoic acid	81.6	J			11.922	
000295-48-7	Cyclopentadecane	120	J			13.874	

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	1A	SDG No.:	BF062724
Lab Sample ID:	P3053-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138375.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93.1	U	93.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.6	U	96.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.5	U	97.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.3	U	97.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.7	U	96.7	310	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93	U	93	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47	U	47	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.6	U	98.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.5	U	99.5	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.2	U	96.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	1A	SDG No.:	BF062724
Lab Sample ID:	P3053-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138375.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.3	U	90.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.1	U	97.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.2	U	95.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.9	U	96.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	150	200	ug/Kg
Total PAH	Total PAH	1544.6	U	1544.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	310	380	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.9	U	196.9	150	400	ug/Kg
84-66-2	Diethylphthalate	93.3	U	93.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.7	U	99.7	150	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.1	U	95.1	150	200	ug/Kg
103-33-3	Azobenzene	92.7	U	92.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.9	U	91.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99	U	99	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	1A	SDG No.:	BF062724
Lab Sample ID:	P3053-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138375.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.1	U	90.1	310	380	ug/Kg
85-01-8	Phenanthrene	110	J	97.9	150	200	ug/Kg
120-12-7	Anthracene	98.3	U	98.3	150	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	150	200	ug/Kg
206-44-0	Fluoranthene	180	J	95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	110	J	96.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	94	U	94	150	200	ug/Kg
218-01-9	Chrysene	92.6	U	92.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.2	U	96.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.3	U	93.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.771		18-112		51	SPK: -150
13127-88-3	Phenol-d6	71.527		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	54.22		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	53.284		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	1A	SDG No.:	BF062724
Lab Sample ID:	P3053-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138375.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.368		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	37.542		14-112		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229623	6.881				
1146-65-2	Naphthalene-d8	827555	8.157				
15067-26-2	Acenaphthene-d10	369416	9.91				
1517-22-2	Phenanthrene-d10	509171	11.398				
1719-03-5	Chrysene-d12	452688	14.033				
1520-96-3	Perylene-d12	358955	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.469	
000057-10-3	n-Hexadecanoic acid	430	J			11.922	
000150-86-7	Phytol	320	J			12.539	
000057-11-4	Octadecanoic acid	130	J			12.704	
000646-13-9	Octadecanoic acid, 2-methylpropyl	110	J			13.504	
1000406-04-8	Pentadecafluorooctanoic acid, octa	280	J			13.874	
000593-45-3	Octadecane	370	J			14.504	
000111-02-4	Squalene	700	J			14.886	
000646-31-1	Tetracosane	940	J			15.151	
007225-64-1	Heptadecane, 9-octyl-	950	J			15.974	
000506-51-4	n-Tetracosanol-1	170	J			16.033	
000059-02-9	Vitamin E	500	J			16.245	
000083-48-7	Stigmasterol	180	J			17.162	
000083-47-6	.gamma.-Sitosterol	1600	J			17.58	
000638-97-1	.beta.-Amyrone	470	J			17.804	
000559-70-6	.beta.-Amyrin	1800	J			18.051	
000545-47-1	Lupeol	1400	J			18.404	

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	1A	SDG No.:	BF062724
Lab Sample ID:	P3053-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138375.D	1	6/26/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003676-06-0	Androstan-6-one, (5.alpha.)-	280	J			18.551	

Report of Analysis

Client:				Date Collected:	6/25/2024 12:00:00 AM		
Project:				Date Received:	6/25/2024 12:00:00 AM		
Client Sample ID:	7-E-1			SDG No.:	BF062724		
Lab Sample ID:	P3076-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.4		
Sample Wt/Vol:	30.09	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
BF138376.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.5	U	95.5	300	360	ug/Kg
110-86-1	Pyridine	87.9	U	87.9	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.2	U	91.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.1	U	92.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.9	U	91.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.1	U	93.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.6	U	94.6	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.3	U	91.3	300	360	ug/Kg
95-48-7	2-Methylphenol	88.7	U	88.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.6	U	95.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.8	U	87.8	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.3	U	44.3	88	88	ug/Kg
67-72-1	Hexachloroethane	91.3	U	91.3	140	190	ug/Kg
98-95-3	Nitrobenzene	99.9	U	99.9	140	190	ug/Kg
78-59-1	Isophorone	93.1	U	93.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.4	U	94.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.1	U	83.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94	U	94	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.9	U	90.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.9	U	90.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.7	U	91.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-E-1	SDG No.:	BF062724
Lab Sample ID:	P3076-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	30.09	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
BF138376.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.5	U	95.5	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.3	U	85.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.8	U	90.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.6	U	78.6	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.4	U	81.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.2	U	96.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.7	U	91.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.9	U	89.9	140	190	ug/Kg
208-96-8	Acenaphthylene	95.2	U	95.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.6	U	91.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.2	U	98.2	140	190	ug/Kg
83-32-9	Acenaphthene	89.2	U	89.2	140	190	ug/Kg
Total PAH	Total PAH	1520	U	1455.7	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.9	U	92.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	186.5	U	186.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.9	U	94.9	140	190	ug/Kg
84-66-2	Diethylphthalate	88.1	U	88.1	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.2	U	94.2	140	190	ug/Kg
86-73-7	Fluorene	94.1	U	94.1	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.8	U	89.8	140	190	ug/Kg
103-33-3	Azobenzene	87.6	U	87.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.8	U	86.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.5	U	93.5	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-E-1	SDG No.:	BF062724
Lab Sample ID:	P3076-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	30.09	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
BF138376.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.1	U	85.1	300	360	ug/Kg
85-01-8	Phenanthrene	230		92.4	140	190	ug/Kg
120-12-7	Anthracene	92.9	U	92.9	140	190	ug/Kg
86-74-8	Carbazole	88.4	U	88.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.8	U	92.8	140	190	ug/Kg
206-44-0	Fluoranthene	420		89.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	230		91.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	88.8	140	190	ug/Kg
218-01-9	Chrysene	150	J	87.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		89.2	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.9	U	90.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.9	U	85.9	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.4	U	89.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.1	U	88.1	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.5	U	95.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.2	U	82.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.6	U	91.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.562		18-112		56	SPK: -150
13127-88-3	Phenol-d6	79.152		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	60.488		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	66.606		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-E-1	SDG No.:	BF062724
Lab Sample ID:	P3076-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	30.09	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
BF138376.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.254		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	45.882		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	223497	6.881				
1146-65-2	Naphthalene-d8	796434	8.157				
15067-26-2	Acenaphthene-d10	343323	9.91				
1517-22-2	Phenanthrene-d10	486239	11.398				
1719-03-5	Chrysene-d12	457198	14.033				
1520-96-3	Perylene-d12	361385	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.187	
000057-55-6	Propylene Glycol	250	J			3.428	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.104	
	unknown10.010	1000	J			10.01	
000057-10-3	n-Hexadecanoic acid	140	J			11.922	
000295-48-7	Cyclopentadecane	130	J			13.874	
000192-97-2	Benzo[e]pyrene	100	J			15.374	

Report of Analysis

Client:			Date Collected:	6/25/2024 12:00:00 AM	
Project:			Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	1-N-1		SDG No.:	BF062724	
Lab Sample ID:	P3077-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	14.8	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138377.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.6	U	93.6	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.1	U	97.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.1	U	98.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.8	U	97.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.1	U	99.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.3	U	97.3	320	390	ug/Kg
95-48-7	2-Methylphenol	94.4	U	94.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.5	U	93.5	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.7	93.7	ug/Kg
67-72-1	Hexachloroethane	97.3	U	97.3	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.1	U	99.1	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.5	U	88.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.8	U	96.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.8	U	96.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.6	U	97.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF062724
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138377.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.8	U	90.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.7	U	96.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.7	U	83.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.7	U	86.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.6	U	97.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.7	U	95.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.5	U	97.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95	U	95	150	200	ug/Kg
Total PAH	Total PAH	3370	U	1552.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	98.9	U	98.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.5	U	197.5	150	400	ug/Kg
84-66-2	Diethylphthalate	93.9	U	93.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.6	U	95.6	150	200	ug/Kg
103-33-3	Azobenzene	93.3	U	93.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.5	U	92.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.6	U	99.6	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF062724
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138377.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.6	U	90.6	320	390	ug/Kg
85-01-8	Phenanthrene	420		98.4	150	200	ug/Kg
120-12-7	Anthracene	110	J	98.9	150	200	ug/Kg
86-74-8	Carbazole	94.1	U	94.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.8	U	98.8	150	200	ug/Kg
206-44-0	Fluoranthene	750		95.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	430		97.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	320		94.6	150	200	ug/Kg
218-01-9	Chrysene	290		93.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		95	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	96.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	91.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.1	U	95.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	93.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.5	U	87.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.5	U	97.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.96		18-112		49	SPK: -150
13127-88-3	Phenol-d6	67.803		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	51.15		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	51.604		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-N-1	SDG No.:	BF062724
Lab Sample ID:	P3077-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138377.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.432		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	39.013		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221890	6.881				
1146-65-2	Naphthalene-d8	790166	8.157				
15067-26-2	Acenaphthene-d10	343796	9.91				
1517-22-2	Phenanthrene-d10	492216	11.398				
1719-03-5	Chrysene-d12	439501	14.033				
1520-96-3	Perylene-d12	342765	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.169	
000057-55-6	Propylene Glycol	100	J			3.399	
017348-59-3	Propane, 2-methyl-2-(1-methylethox	160	J			5.099	
000770-35-4	1-Phenoxypropan-2-ol	84	J			8.469	
002531-84-2	Phenanthrene, 2-methyl-	170	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.01	
018835-32-0	1-Tricosene	120	J			13.874	
000192-97-2	Benzo[e]pyrene	190	J			15.38	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF062724
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138378.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.1	U	96.1	300	370	ug/Kg
110-86-1	Pyridine	88.4	U	88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.8	U	91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.6	U	92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.4	U	92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.9	U	91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.2	U	96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.3	U	88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.6	U	93.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95	U	95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.6	U	83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.5	U	94.5	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.4	U	91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.4	U	91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF062724
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138378.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.1	U	96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.8	U	85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.3	U	91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.7	U	96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.4	U	90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	95.7	U	95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.7	U	98.7	140	190	ug/Kg
83-32-9	Acenaphthene	89.8	U	89.8	140	190	ug/Kg
Total PAH	Total PAH	1463.8	U	1463.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.4	U	93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	187.5	U	187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	88.7	U	88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.8	U	94.8	140	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.3	U	90.3	140	190	ug/Kg
103-33-3	Azobenzene	88.1	U	88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.3	U	87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.1	U	94.1	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF062724
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138378.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.6	U	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	160	J	93	140	190	ug/Kg
120-12-7	Anthracene	93.4	U	93.4	140	190	ug/Kg
86-74-8	Carbazole	88.9	U	88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	140	190	ug/Kg
206-44-0	Fluoranthene	310		90.4	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	190		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	89.3	140	190	ug/Kg
218-01-9	Chrysene	120	J	88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.4	U	91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.5	U	86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.9	U	89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.7	U	88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.1	U	96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.1	U	92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.927		18-112		47	SPK: -150
13127-88-3	Phenol-d6	65.435		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	48.471		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	48.68		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-W-1	SDG No.:	BF062724
Lab Sample ID:	P3077-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138378.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.522		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	37.472		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226365	6.881				
1146-65-2	Naphthalene-d8	815342	8.163				
15067-26-2	Acenaphthene-d10	355821	9.91				
1517-22-2	Phenanthrene-d10	513267	11.398				
1719-03-5	Chrysene-d12	442101	14.033				
1520-96-3	Perylene-d12	343946	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
000057-55-6	Propylene Glycol	110	J			3.398	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	86.3	J			8.469	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	120	J			10.804	
000057-10-3	n-Hexadecanoic acid	120	J			11.922	
000295-48-7	Cyclopentadecane	120	J			13.874	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF062724
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138379.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.5	U	97.5	300	370	ug/Kg
110-86-1	Pyridine	89.8	U	89.8	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.2	U	93.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.1	U	94.1	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.8	U	93.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.1	U	95.1	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.3	U	93.3	300	370	ug/Kg
95-48-7	2-Methylphenol	90.6	U	90.6	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.7	U	97.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.7	U	89.7	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.9	89.9	ug/Kg
67-72-1	Hexachloroethane	93.3	U	93.3	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.1	U	95.1	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.4	U	96.4	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.8	U	84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96	U	96	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.8	U	92.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.8	U	92.8	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.6	U	93.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF062724
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138379.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.5	U	97.5	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.1	U	87.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.7	U	92.7	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.2	U	80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.2	U	83.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.2	U	98.2	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.6	U	93.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.8	U	91.8	150	190	ug/Kg
208-96-8	Acenaphthylene	97.2	U	97.2	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.5	U	93.5	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.1	U	91.1	150	190	ug/Kg
Total PAH	Total PAH	1484.4	U	1484.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.8	U	94.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.9	U	96.9	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.4	U	190.4	150	380	ug/Kg
84-66-2	Diethylphthalate	90	U	90	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.2	U	96.2	150	190	ug/Kg
86-73-7	Fluorene	96.1	U	96.1	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.7	U	91.7	150	190	ug/Kg
103-33-3	Azobenzene	89.4	U	89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.7	U	88.7	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.5	U	95.5	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF062724
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138379.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.9	U	86.9	300	370	ug/Kg
85-01-8	Phenanthrene	110	J	94.4	150	190	ug/Kg
120-12-7	Anthracene	94.8	U	94.8	150	190	ug/Kg
86-74-8	Carbazole	90.2	U	90.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.7	U	94.7	150	190	ug/Kg
206-44-0	Fluoranthene	220		91.8	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	140	J	93.3	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	94.1	J	90.7	150	190	ug/Kg
218-01-9	Chrysene	89.3	U	89.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	91.1	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.8	U	92.8	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.8	U	87.8	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.2	U	91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	U	90	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5	U	97.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.9	U	83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.5	U	93.5	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.556		18-112		46	SPK: -150
13127-88-3	Phenol-d6	64.067		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	48.172		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	47.599		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-S-1	SDG No.:	BF062724
Lab Sample ID:	P3077-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138379.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.541		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	36.905		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217450	6.881				
1146-65-2	Naphthalene-d8	763576	8.163				
15067-26-2	Acenaphthene-d10	327949	9.91				
1517-22-2	Phenanthrene-d10	502779	11.398				
1719-03-5	Chrysene-d12	445492	14.033				
1520-96-3	Perylene-d12	342388	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
	unknown3.393	93.3	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
000057-10-3	n-Hexadecanoic acid	87.7	J			11.922	
018835-33-1	1-Hexacosene	110	J			13.874	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF062724
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	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
BF138380.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.8	U	95.8	300	360	ug/Kg
110-86-1	Pyridine	88.2	U	88.2	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.5	U	91.5	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.4	U	92.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.2	U	92.2	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.4	U	93.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.9	U	94.9	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.6	U	91.6	300	360	ug/Kg
95-48-7	2-Methylphenol	89	U	89	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	95.9	U	95.9	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.1	U	88.1	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.5	U	44.5	88.3	88.3	ug/Kg
67-72-1	Hexachloroethane	91.6	U	91.6	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.4	U	93.4	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.7	U	94.7	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.3	U	83.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.2	U	94.2	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91.2	U	91.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.2	U	91.2	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.9	U	91.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF062724
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	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
BF138380.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.8	U	95.8	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.5	U	85.5	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91	U	91	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.8	U	78.8	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.7	U	81.7	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.5	U	96.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.9	U	91.9	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.2	U	90.2	140	190	ug/Kg
208-96-8	Acenaphthylene	95.5	U	95.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.8	U	91.8	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.4	U	98.4	140	190	ug/Kg
83-32-9	Acenaphthene	89.5	U	89.5	140	190	ug/Kg
Total PAH	Total PAH	1459.9	U	1459.9	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	93.1	U	93.1	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	186.9	U	186.9	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.1	U	95.1	140	190	ug/Kg
84-66-2	Diethylphthalate	88.4	U	88.4	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.5	U	94.5	140	190	ug/Kg
86-73-7	Fluorene	94.4	U	94.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.1	U	90.1	140	190	ug/Kg
103-33-3	Azobenzene	87.8	U	87.8	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.1	U	87.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.8	U	93.8	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF062724
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	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
BF138380.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.3	U	85.3	300	360	ug/Kg
85-01-8	Phenanthrene	160	J	92.7	140	190	ug/Kg
120-12-7	Anthracene	93.1	U	93.1	140	190	ug/Kg
86-74-8	Carbazole	88.6	U	88.6	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93	U	93	140	190	ug/Kg
206-44-0	Fluoranthene	310		90.2	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	190		91.6	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2100		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	89.1	140	190	ug/Kg
218-01-9	Chrysene	120	J	87.7	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	89.5	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.2	U	91.2	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.2	U	86.2	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.6	U	89.6	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.4	U	88.4	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.8	U	95.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.4	U	82.4	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.8	U	91.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.617		18-112		48	SPK: -150
13127-88-3	Phenol-d6	66.046		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	50.087		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	51.177		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	1-B-1	SDG No.:	BF062724
Lab Sample ID:	P3077-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.07	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
BF138380.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.877		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	39.869		14-112		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207635	6.881				
1146-65-2	Naphthalene-d8	708597	8.157				
15067-26-2	Acenaphthene-d10	291094	9.91				
1517-22-2	Phenanthrene-d10	468744	11.398				
1719-03-5	Chrysene-d12	425758	14.033				
1520-96-3	Perylene-d12	328372	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000057-10-3	n-Hexadecanoic acid	100	J			11.922	
018835-32-0	1-Tricosene	120	J			13.874	
000192-97-2	Benzo[e]pyrene	76.5	J			15.38	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF062724
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138381.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.7	U	96.7	300	370	ug/Kg
110-86-1	Pyridine	89	U	89	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.3	U	92.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	93	U	93	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.8	U	95.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.3	U	96.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.4	U	92.4	300	370	ug/Kg
95-48-7	2-Methylphenol	89.8	U	89.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.8	U	96.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.9	U	88.9	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89.1	89.1	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.1	U	84.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.1	U	95.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	92	U	92	140	190	ug/Kg
106-47-8	4-Chloroaniline	92	U	92	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.8	U	92.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF062724
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138381.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.7	U	96.7	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.9	U	91.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.8	U	92.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	91	U	91	140	190	ug/Kg
208-96-8	Acenaphthylene	96.3	U	96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.7	U	92.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	U	99.3	140	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	140	190	ug/Kg
Total PAH	Total PAH	4390	U	1472	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94	U	94	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.7	U	188.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96	U	96	140	190	ug/Kg
84-66-2	Diethylphthalate	89.2	U	89.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	140	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.9	U	90.9	140	190	ug/Kg
103-33-3	Azobenzene	88.6	U	88.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.9	U	87.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.7	U	94.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF062724
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138381.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.1	U	86.1	300	370	ug/Kg
85-01-8	Phenanthrene	660		93.5	140	190	ug/Kg
120-12-7	Anthracene	190		94	140	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.9	U	93.9	140	190	ug/Kg
206-44-0	Fluoranthene	1100		91	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	600		92.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	360		89.9	140	190	ug/Kg
218-01-9	Chrysene	320		88.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		90.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	92	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	320		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	87	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	89.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.7	U	96.7	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.2	U	83.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.7	U	92.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.196		18-112		51	SPK: -150
13127-88-3	Phenol-d6	71.249		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	55.849		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.625		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	7-B-1	SDG No.:	BF062724
Lab Sample ID:	P3076-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138381.D	1	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.486		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	44.937		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	208045	6.881				
1146-65-2	Naphthalene-d8	687107	8.157				
15067-26-2	Acenaphthene-d10	281051	9.91				
1517-22-2	Phenanthrene-d10	473552	11.398				
1719-03-5	Chrysene-d12	434657	14.033				
1520-96-3	Perylene-d12	333169	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.099	
000770-35-4	1-Phenoxypropan-2-ol	83.9	J			8.469	
002531-84-2	Phenanthrene, 2-methyl-	74.6	J			11.898	
000610-48-0	Anthracene, 1-methyl-	200	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			12.01	
010192-32-2	1-Tetracosene	110	J			13.874	
000192-97-2	Benzo[e]pyrene	200	J			15.38	

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	HD-02-062524	SDG No.:	BF062724
Lab Sample ID:	P3064-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
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
BF138382.D	5	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	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	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	HD-02-062524	SDG No.:	BF062724
Lab Sample ID:	P3064-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
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
BF138382.D	5	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	4270	U	4270	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	270	U	270	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg



Client:				Date Collected:	6/25/2024 12:00:00 AM	
Project:				Date Received:	6/25/2024 12:00:00 AM	
Client Sample ID:	HD-02-062524			SDG No.:	BF062724	
Lab Sample ID:	P3064-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.8	
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
BF138382.D	5	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	420	550	ug/Kg
120-12-7	Anthracene	270	U	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	260	U	260	420	550	ug/Kg
92-87-5	Benzidine	520	U	520	870	1100	ug/Kg
129-00-0	Pyrene	270	U	270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	420	550	ug/Kg
218-01-9	Chrysene	260	U	260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	300	U	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.34		18-112		56	SPK: -150
13127-88-3	Phenol-d6	77.495		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	56.25		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	74.17		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	HD-02-062524	SDG No.:	BF062724
Lab Sample ID:	P3064-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
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
BF138382.D	5	6/27/2024 12:00:00 AM	6/27/2024 12:00:00 AM	PB161765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.48		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	61.95		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222663	6.881				
1146-65-2	Naphthalene-d8	776827	8.157				
15067-26-2	Acenaphthene-d10	312625	9.91				
1517-22-2	Phenanthrene-d10	477521	11.398				
1719-03-5	Chrysene-d12	360320	14.033				
1520-96-3	Perylene-d12	289103	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.14	

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WW								
P2886-02	EFF-WW	Water	(E)-9-Octadecenoic acid ethyl est	*	1,600.000	J		
P2886-02	EFF-WW	Water	1-Hexanol, 2-ethyl-	*	130.000	J		
P2886-02	EFF-WW	Water	1-Octanol, 5,7,7-trimethyl-2-(1,3,	*	120.000	J		
P2886-02	EFF-WW	Water	10-Methyl-E-11-tridecen-1-ol pro	*	120.000	J		
P2886-02	EFF-WW	Water	2-Propenoic acid, 3-phenyl-, ethyl	*	95.200	J		
P2886-02	EFF-WW	Water	9-Octadecenoic acid (Z)-, methyl	*	410.000	J		
P2886-02	EFF-WW	Water	9-Octadecenoic acid, (E)-	*	97.300	J		
P2886-02	EFF-WW	Water	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P2886-02	EFF-WW	Water	Eicosanoic acid, ethyl ester	*	130.000	J		
P2886-02	EFF-WW	Water	Hexadecanoic acid, ethyl ester	*	290.000	J		
P2886-02	EFF-WW	Water	Hexanoic acid, 2-ethyl-	*	550.000	J		
P2886-02	EFF-WW	Water	Hexanoic acid, 3,5,5-trimethyl-, p	*	210.000	J		
P2886-02	EFF-WW	Water	Isopropyl stearate	*	230.000	J		
P2886-02	EFF-WW	Water	Methyl stearate	*	290.000	J		
P2886-02	EFF-WW	Water	Myristyl myristate	*	490.000	J		
P2886-02	EFF-WW	Water	Octadecanoic acid, ethyl ester	*	1,100.000	J		
P2886-02	EFF-WW	Water	Octanoic acid	*	96.200	J		
P2886-02	EFF-WW	Water	Pentadecafluorooctanoic acid, oct	*	120.000	J		
P2886-02	EFF-WW	Water	Tetradecanoic acid	*	110.000	J		
P2886-02	EFF-WW	Water	unknown18.368	*	210.000	J		
Total Tics :					6,508.70			
Total Concentration:					6,508.70			

Client ID : EO-01-062424

P3047-01	EO-01-062424	Solid	11H-Benzo[a]fluorene	*	450.000	J		
P3047-01	EO-01-062424	Solid	11H-Benzo[b]fluorene	*	510.000	J		
P3047-01	EO-01-062424	Solid	2-Methylchrysene	*	560.000	J		
P3047-01	EO-01-062424	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J		
P3047-01	EO-01-062424	Solid	9,10-Dimethylanthracene	*	770.000	J		
P3047-01	EO-01-062424	Solid	9H-Fluorene, 2-methyl-	*	470.000	J		
P3047-01	EO-01-062424	Solid	Anthracene, 2-methyl-	*	950.000	J		
P3047-01	EO-01-062424	Solid	Benzo[e]pyrene	*	520.000	J		
P3047-01	EO-01-062424	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3047-01	EO-01-062424	Solid	Naphthalene, 2,3-dimethyl-	*	440.000	J		
P3047-01	EO-01-062424	Solid	Phenanthrene, 1-methyl-	*	590.000	J		
P3047-01	EO-01-062424	Solid	Phenanthrene, 2,5-dimethyl-	*	550.000	J		
P3047-01	EO-01-062424	Solid	Phenanthrene, 2-methyl-	*	740.000	J		
P3047-01	EO-01-062424	Solid	Phenanthrene, 3,6-dimethyl-	*	1,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3047-01	EO-01-062424	Solid	Pyrene, 1-methyl-	*	480.000	J		
P3047-01	EO-01-062424	Solid	Pyrene, 2-methyl-	*	510.000	J		
P3047-01	EO-01-062424	Solid	Pyrene, 4-methyl-	*	500.000	J		
Total Tics :					11,840.00			
P3047-01	EO-01-062424	Solid	Benzo(a)anthracene		1,000.000	J	510	ug/Kg
P3047-01	EO-01-062424	Solid	Benzo(a)pyrene		920.000	J	590	ug/Kg
P3047-01	EO-01-062424	Solid	Benzo(b)fluoranthene		1,000.000	J	510	ug/Kg
P3047-01	EO-01-062424	Solid	Chrysene		1,100.000		500	ug/Kg
P3047-01	EO-01-062424	Solid	Fluoranthene		1,300.000		520	ug/Kg
P3047-01	EO-01-062424	Solid	Phenanthrene		1,700.000		530	ug/Kg
P3047-01	EO-01-062424	Solid	Pyrene		1,600.000		520	ug/Kg
Total Svoc :					8,620.00			
Total Concentration:					20,460.00			

Client ID : SHOP-RAG-DRUM

P3049-01	SHOP-RAG-DRUM	Solid	1,3-Propanediol, ethyl octadecyl e *	9,700.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	1H-Benzotriazole, 4-methyl- *	21,200.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	1H-Benzotriazole, 5-methyl- *	18,100.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	1H-Indene, 2,3-dihydro-4-methyl- *	13,900.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	2-Propanol, 1,1-[(1-methyl-1,2-et *	21,000.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	2-Propanol, 1-[1-methyl-2-(2-prop *	22,300.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Benzene, 1,4-diethyl- *	11,900.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Benzene, 1-ethyl-2-methyl- *	15,300.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Benzene, 1-ethyl-4-methyl- *	12,500.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Benzene, 1-methyl-3-propyl- *	10,800.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Benzene, 1-methyl-4-propyl- *	11,700.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Bis(2-ethylhexyl) maleate *	14,800.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Butane, 2-methoxy-2-methyl- *	9,600.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Decane *	31,100.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Di-tert-butyl disulfide *	13,800.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Hexanoic acid, 2-ethyl- *	144,700.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	Trisulfide, bis(1,1-dimethylethyl) *	70,400.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	unknown2.492 *	12,500.000	J			
P3049-01	SHOP-RAG-DRUM	Solid	unknown7.527 *	12,400.000	J			
Total Tics :					477,700.00			
Total Concentration:					477,700.00			

Client ID : 1A

P3053-01	1A	Solid	.beta.-Amyrin	*	1,800.000	J		
P3053-01	1A	Solid	.beta.-Amyrone	*	470.000	J		
P3053-01	1A	Solid	.gamma.-Sitosterol	*	1,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3053-01	1A	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3053-01	1A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3053-01	1A	Solid	Androstan-6-one, (5.alpha.)-	*	280.000	J		
P3053-01	1A	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3053-01	1A	Solid	Heptadecane, 9-octyl-	*	950.000	J		
P3053-01	1A	Solid	Lupeol	*	1,400.000	J		
P3053-01	1A	Solid	n-Hexadecanoic acid	*	430.000	J		
P3053-01	1A	Solid	n-Tetracosanol-1	*	170.000	J		
P3053-01	1A	Solid	Octadecane	*	370.000	J		
P3053-01	1A	Solid	Octadecanoic acid	*	130.000	J		
P3053-01	1A	Solid	Octadecanoic acid, 2-methylpropy	*	110.000	J		
P3053-01	1A	Solid	Pentadecafluorooctanoic acid, oct	*	280.000	J		
P3053-01	1A	Solid	Phytol	*	320.000	J		
P3053-01	1A	Solid	Squalene	*	700.000	J		
P3053-01	1A	Solid	Stigmasterol	*	180.000	J		
P3053-01	1A	Solid	Tetracosane	*	940.000	J		
P3053-01	1A	Solid	Vitamin E	*	500.000	J		
Total Tics :					12,410.00			
P3053-01	1A	Solid	Benzo(b)fluoranthene		110.000	J	94.5	200 ug/Kg
P3053-01	1A	Solid	Fluoranthene		180.000	J	95.2	200 ug/Kg
P3053-01	1A	Solid	Phenanthrene		110.000	J	97.9	200 ug/Kg
P3053-01	1A	Solid	Pyrene		110.000	J	96.7	200 ug/Kg
Total Svoc :					510.00			
Total Concentration:					12,920.00			
Client ID : HD-02-062524								
P3064-01	HD-02-062524	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :					1,200.00			
Total Concentration:					1,200.00			
Client ID : 7-N-1								
P3076-01	7-N-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3076-01	7-N-1	Solid	9-Tricosene, (Z)-	*	110.000	J		
P3076-01	7-N-1	Solid	Benzenesulfonamide, N,4-dimethy	*	74.800	J		
P3076-01	7-N-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
Total Tics :					1,834.80			
P3076-01	7-N-1	Solid	Benzo(a)anthracene		91.400	J	88.8	190 ug/Kg
P3076-01	7-N-1	Solid	Benzo(b)fluoranthene		130.000	J	89.3	190 ug/Kg
P3076-01	7-N-1	Solid	Fluoranthene		180.000	J	89.9	190 ug/Kg
P3076-01	7-N-1	Solid	Pyrene		120.000	J	91.3	190 ug/Kg
Total Svoc :					521.40			

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,356.20				
Client ID : 7-W-1								
P3076-04	7-W-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P3076-04	7-W-1	Solid	Butane, 2-methoxy-2-methyl-	1,500.000	J			
P3076-04	7-W-1	Solid	Cyclopentadecane	120.000	J			
P3076-04	7-W-1	Solid	n-Hexadecanoic acid	81.600	J			
Total Tics :				1,861.60				
P3076-04	7-W-1	Solid	Fluoranthene	140.000	J	90.1	190	ug/Kg
P3076-04	7-W-1	Solid	Phenanthrene	96.300	J	92.6	190	ug/Kg
Total Svoc :				236.30				
Total Concentration:				2,097.90				
Client ID : 7-E-1								
P3076-07	7-E-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P3076-07	7-E-1	Solid	Benzo[e]pyrene	100.000	J			
P3076-07	7-E-1	Solid	Butane, 2-methoxy-2-methyl-	1,800.000	J			
P3076-07	7-E-1	Solid	Cyclopentadecane	130.000	J			
P3076-07	7-E-1	Solid	n-Hexadecanoic acid	140.000	J			
P3076-07	7-E-1	Solid	Propylene Glycol	250.000	J			
P3076-07	7-E-1	Solid	unknown10.010	1,000.000	J			
Total Tics :				3,600.00				
P3076-07	7-E-1	Solid	Benzo(a)anthracene	140.000	J	88.8	190	ug/Kg
P3076-07	7-E-1	Solid	Benzo(a)pyrene	150.000	J	100	190	ug/Kg
P3076-07	7-E-1	Solid	Benzo(b)fluoranthene	200.000		89.2	190	ug/Kg
P3076-07	7-E-1	Solid	Chrysene	150.000	J	87.5	190	ug/Kg
P3076-07	7-E-1	Solid	Fluoranthene	420.000		89.9	190	ug/Kg
P3076-07	7-E-1	Solid	Phenanthrene	230.000		92.4	190	ug/Kg
P3076-07	7-E-1	Solid	Pyrene	230.000		91.3	190	ug/Kg
Total Svoc :				1,520.00				
Total Concentration:				5,120.00				
Client ID : 7-S-1								
P3076-10	7-S-1	Solid	1-Phenoxypropan-2-ol *	97.900	J			
P3076-10	7-S-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	170.000	A			
P3076-10	7-S-1	Solid	Benzo[e]pyrene	83.900	J			
P3076-10	7-S-1	Solid	Butane, 2-methoxy-2-methyl-	1,200.000	J			
P3076-10	7-S-1	Solid	Cyclopentadecane	120.000	J			
P3076-10	7-S-1	Solid	n-Hexadecanoic acid	92.000	J			
P3076-10	7-S-1	Solid	Propylene Glycol	85.700	J			
Total Tics :				1,849.50				
Total Concentration:				1,849.50				

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 7-B-1								
P3076-13	7-B-1	Solid	1-Phenoxypropan-2-ol	*	83.900	J		
P3076-13	7-B-1	Solid	1-Tetracosene	*	110.000	J		
P3076-13	7-B-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P3076-13	7-B-1	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P3076-13	7-B-1	Solid	Anthracene, 1-methyl-	*	200.000	J		
P3076-13	7-B-1	Solid	Benzo[e]pyrene	*	200.000	J		
P3076-13	7-B-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3076-13	7-B-1	Solid	Phenanthrene, 2-methyl-	*	74.600	J		
Total Tics :				2,578.50				
P3076-13	7-B-1	Solid	Anthracene		190.000	94	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(a)anthracene		360.000	89.9	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(a)pyrene		320.000	100	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(b)fluoranthene		410.000	90.3	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(g,h,i)perylene		160.000	J 89.2	190	ug/Kg
P3076-13	7-B-1	Solid	Benzo(k)fluoranthene		130.000	J 92	190	ug/Kg
P3076-13	7-B-1	Solid	Chrysene		320.000	88.5	190	ug/Kg
P3076-13	7-B-1	Solid	Fluoranthene		1,100.000	91	190	ug/Kg
P3076-13	7-B-1	Solid	Indeno(1,2,3-cd)pyrene		140.000	J 87	190	ug/Kg
P3076-13	7-B-1	Solid	Phenanthrene		660.000	93.5	190	ug/Kg
P3076-13	7-B-1	Solid	Pyrene		600.000	92.4	190	ug/Kg
Total Svoc :				4,390.00				
Total Concentration:				6,968.50				
Client ID : 1-N-1								
P3077-01	1-N-1	Solid	1-Phenoxypropan-2-ol	*	84.000	J		
P3077-01	1-N-1	Solid	1-Tricosene	*	120.000	J		
P3077-01	1-N-1	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3077-01	1-N-1	Solid	Benzo[e]pyrene	*	190.000	J		
P3077-01	1-N-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3077-01	1-N-1	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
P3077-01	1-N-1	Solid	Propane, 2-methyl-2-(1-methyleth	*	160.000	J		
P3077-01	1-N-1	Solid	Propylene Glycol	*	100.000	J		
Total Tics :				2,554.00				
P3077-01	1-N-1	Solid	Anthracene		110.000	J 98.9	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(a)anthracene		320.000	94.6	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(a)pyrene		290.000	110	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(b)fluoranthene		380.000	95	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(g,h,i)perylene		130.000	J 93.9	200	ug/Kg
P3077-01	1-N-1	Solid	Benzo(k)fluoranthene		130.000	J 96.8	200	ug/Kg
P3077-01	1-N-1	Solid	Chrysene		290.000	93.2	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3077-01	1-N-1	Solid	Fluoranthene	750.000		95.7	200	ug/Kg
P3077-01	1-N-1	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	91.5	200	ug/Kg
P3077-01	1-N-1	Solid	Phenanthrene	420.000		98.4	200	ug/Kg
P3077-01	1-N-1	Solid	Pyrene	430.000		97.3	200	ug/Kg
Total Svoc :				3,370.00				
Total Concentration:				5,924.00				

Client ID : 1-W-1

P3077-04	1-W-1	Solid	1-Phenoxypropan-2-ol	*	86.300	J		
P3077-04	1-W-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3077-04	1-W-1	Solid	Benzenesulfonamide, N,4-dimethy	*	120.000	J		
P3077-04	1-W-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3077-04	1-W-1	Solid	Cyclopentadecane	*	120.000	J		
P3077-04	1-W-1	Solid	n-Hexadecanoic acid	*	120.000	J		
P3077-04	1-W-1	Solid	Propylene Glycol	*	110.000	J		
Total Tics :				2,006.30				
P3077-04	1-W-1	Solid	Benzo(a)anthracene		130.000	J	89.3	ug/Kg
P3077-04	1-W-1	Solid	Benzo(a)pyrene		130.000	J	100	ug/Kg
P3077-04	1-W-1	Solid	Benzo(b)fluoranthene		180.000	J	89.8	ug/Kg
P3077-04	1-W-1	Solid	Chrysene		120.000	J	88	ug/Kg
P3077-04	1-W-1	Solid	Fluoranthene		310.000		90.4	ug/Kg
P3077-04	1-W-1	Solid	Phenanthrene		160.000	J	93	ug/Kg
P3077-04	1-W-1	Solid	Pyrene		190.000		91.9	ug/Kg
Total Svoc :				1,220.00				
Total Concentration:				3,226.30				

Client ID : 1-S-1

P3077-07	1-S-1	Solid	1-Hexacosene	*	110.000	J		
P3077-07	1-S-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3077-07	1-S-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3077-07	1-S-1	Solid	n-Hexadecanoic acid	*	87.700	J		
P3077-07	1-S-1	Solid	unknown3.393	*	93.300	J		
Total Tics :				1,731.00				
P3077-07	1-S-1	Solid	Benzo(a)anthracene		94.100	J	90.7	ug/Kg
P3077-07	1-S-1	Solid	Benzo(b)fluoranthene		120.000	J	91.1	ug/Kg
P3077-07	1-S-1	Solid	Fluoranthene		220.000		91.8	ug/Kg
P3077-07	1-S-1	Solid	Phenanthrene		110.000	J	94.4	ug/Kg
P3077-07	1-S-1	Solid	Pyrene		140.000	J	93.3	ug/Kg
Total Svoc :				684.10				
Total Concentration:				2,415.10				

Client ID : 1-B-1

Hit Summary Sheet SW-846

SDG No.: BF062724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3077-10	1-B-1	Solid	1-Tricosene	*	120.000	J		
P3077-10	1-B-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3077-10	1-B-1	Solid	Benzo[e]pyrene	*	76.500	J		
P3077-10	1-B-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3077-10	1-B-1	Solid	n-Hexadecanoic acid	*	100.000	J		
Total Tics :					1,946.50			
P3077-10	1-B-1	Solid	Benzo(a)anthracene		120.000	J	89.1	190 ug/Kg
P3077-10	1-B-1	Solid	Benzo(a)pyrene		120.000	J	100	190 ug/Kg
P3077-10	1-B-1	Solid	Benzo(b)fluoranthene		160.000	J	89.5	190 ug/Kg
P3077-10	1-B-1	Solid	Butylbenzylphthalate		2,100.000		110	190 ug/Kg
P3077-10	1-B-1	Solid	Chrysene		120.000	J	87.7	190 ug/Kg
P3077-10	1-B-1	Solid	Fluoranthene		310.000		90.2	190 ug/Kg
P3077-10	1-B-1	Solid	Phenanthrene		160.000	J	92.7	190 ug/Kg
P3077-10	1-B-1	Solid	Pyrene		190.000		91.6	190 ug/Kg
Total Svoc :					3,280.00			
Total Concentration:					5,226.50			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.615	0.593	0.629	0.628	0.581	0.602	3.8
Pyridine		1.345	1.345	1.383	1.318	1.238	1.300	4.8
2-Fluorophenol		1.269	1.259	1.297	1.228	1.133	1.196	7.5
Benzaldehyde			1.000	0.931	0.776	0.676	0.805	19.4
Aniline		1.553	1.504	1.568	1.542	1.422	1.483	5.1
Phenol-d6		1.637	1.601	1.615	1.558	1.431	1.516	7.6
Phenol		1.591	1.584	1.646	1.592	1.476	1.539	5.7
bis(2-Chloroethyl)ether		1.311	1.262	1.279	1.257	1.165	1.231	5.6
2-Chlorophenol		1.353	1.338	1.376	1.353	1.238	1.293	6.5
1,2-Dichlorobenzene		1.519	1.483	1.520	1.440	1.297	1.388	9.9
1,3-Dichlorobenzene		1.594	1.546	1.563	1.514	1.388	1.469	7.7
1,4-Dichlorobenzene		1.619	1.567	1.573	1.520	1.396	1.478	8.3
Benzyl Alcohol		1.038	1.042	1.096	1.078	0.982	1.022	5.7
2-Methylphenol		1.051	1.034	1.074	1.062	0.962	1.020	4.7
2,2-oxybis(1-Chloropropane)		1.841	1.819	1.833	1.791	1.644	1.738	6.3
Acetophenone		0.501	0.493	0.499	0.462	0.427	0.457	9.5
3+4-Methylphenols		1.396	1.392	1.410	1.340	1.207	1.284	10.5
n-Nitroso-di-n-propylamine	0.921	0.954	0.957	0.947	0.917	0.841	0.899	6.6
Nitrobenzene-d5		0.329	0.341	0.364	0.360	0.338	0.344	4.2
Hexachloroethane		0.501	0.505	0.530	0.522	0.486	0.501	4.4
Nitrobenzene		0.350	0.353	0.374	0.369	0.345	0.355	4.0
Isophorone		0.646	0.641	0.648	0.629	0.587	0.621	4.2
2-Nitrophenol		0.094	0.115	0.142	0.159	0.157	0.143	19.6
2,4-Dimethylphenol		0.219	0.217	0.230	0.223	0.209	0.217	3.6
bis(2-Chloroethoxy)methane		0.411	0.401	0.411	0.396	0.369	0.389	5.6
2,4-Dichlorophenol		0.269	0.281	0.295	0.291	0.273	0.280	3.7
1,2,4-Trichlorobenzene		0.351	0.345	0.349	0.339	0.312	0.330	6.7
Benzoic acid			0.132	0.172	0.193	0.202	0.191	18.5
Naphthalene		1.103	1.074	1.073	1.012	0.924	0.989	10.6
4-Chloroaniline		0.382	0.383	0.386	0.373	0.348	0.370	4.3
Hexachlorobutadiene		0.207	0.199	0.204	0.198	0.184	0.193	6.4
Caprolactam		0.078	0.085	0.088	0.088	0.080	0.084	4.7
4-Chloro-3-methylphenol		0.279	0.286	0.292	0.285	0.266	0.278	3.6
2-Methylnaphthalene		0.721	0.703	0.698	0.662	0.603	0.649	9.8
Hexachlorocyclopentadiene		0.152	0.169	0.197	0.207	0.208	0.191	11.3
2,4,6-Trichlorophenol		0.336	0.361	0.383	0.388	0.371	0.366	5.1

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.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.531	1.465	1.430	1.247	1.127	1.258	17.8
2,4,5-Trichlorophenol		0.385	0.403	0.423	0.418	0.399	0.402	3.8
1,1-Biphenyl		1.629	1.601	1.607	1.483	1.400	1.468	10.7
2-Chloronaphthalene		1.258	1.247	1.253	1.174	1.099	1.160	8.7
2-Nitroaniline		0.210	0.249	0.288	0.307	0.295	0.279	13.0
Dimethylphthalate		1.318	1.292	1.305	1.240	1.153	1.225	7.0
Acenaphthylene		1.748	1.746	1.763	1.658	1.552	1.626	8.7
2,6-Dinitrotoluene		0.212	0.250	0.277	0.288	0.274	0.266	10.1
3-Nitroaniline		0.244	0.276	0.293	0.305	0.285	0.284	7.1
Acenaphthene		1.192	1.174	1.191	1.132	1.055	1.109	7.7
2,4-Dinitrophenol			0.062	0.083	0.107	0.109	0.104	26.2
4-Nitrophenol		0.174	0.211	0.235	0.245	0.224	0.224	11.3
Dibenzofuran		1.724	1.680	1.674	1.587	1.447	1.550	10.1
2,4-Dinitrotoluene		0.241	0.293	0.345	0.360	0.336	0.328	13.9
Diethylphthalate		1.238	1.240	1.258	1.188	1.083	1.163	7.8
4-Chlorophenyl-phenylether		0.688	0.671	0.661	0.613	0.562	0.607	11.5
Fluorene		1.390	1.351	1.343	1.227	1.119	1.219	12.3
4-Nitroaniline		0.252	0.289	0.299	0.303	0.268	0.284	6.3
4,6-Dinitro-2-methylphenol			0.055	0.076	0.095	0.096	0.090	23.2
n-Nitrosodiphenylamine		0.647	0.635	0.651	0.625	0.602	0.612	6.6
Azobenzene		1.251	1.254	1.249	1.174	1.092	1.165	7.9
2,4,6-Tribromophenol		0.193	0.205	0.215	0.210	0.192	0.199	5.7
4-Bromophenyl-phenylether		0.227	0.226	0.238	0.232	0.223	0.225	4.0
Hexachlorobenzene		0.275	0.273	0.278	0.269	0.259	0.263	6.0
Atrazine		0.181	0.189	0.189	0.177	0.162	0.174	7.6
Pentachlorophenol		0.122	0.143	0.163	0.167	0.158	0.153	10.2
Phenanthrene		1.101	1.069	1.078	1.004	0.926	0.989	10.3
Anthracene		1.079	1.058	1.075	1.003	0.921	0.982	10.0
Carbazole		0.992	0.987	0.983	0.920	0.819	0.901	10.4
Di-n-butylphthalate		0.939	1.021	1.038	0.966	0.852	0.932	9.0
Fluoranthene		1.121	1.154	1.126	1.027	0.872	1.009	13.1
Benzidine		0.200	0.142	0.236	0.406	0.254	0.231	42.3
Pyrene		1.736	1.571	1.840	1.842	1.741	1.725	6.4
Terphenyl-d14		1.406	1.259	1.400	1.318	1.217	1.263	9.9
Butylbenzylphthalate		0.344	0.415	0.490	0.525	0.473	0.469	14.3
3,3-Dichlorobenzidine		0.355	0.407	0.383	0.365	0.336	0.353	10.3

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.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.355	1.332	1.358	1.317	1.237	1.283	6.1
Chrysene		1.282	1.265	1.300	1.251	1.188	1.223	5.8
Bis(2-ethylhexyl)phthalate		0.402	0.547	0.551	0.589	0.561	0.546	12.1
Di-n-octyl phthalate			0.676	0.677	0.818	0.922	0.811	13.5
Benzo(b)fluoranthene		1.231	1.223	1.311	1.172	1.082	1.179	7.3
Benzo(k)fluoranthene		1.271	1.279	1.214	1.153	1.077	1.156	8.8
Benzo(a)pyrene		1.000	1.015	1.058	1.044	0.985	1.013	3.0
Indeno(1,2,3-cd)pyrene		0.995	1.011	1.395	1.492	1.408	1.304	16.0
Dibenzo(a,h)anthracene		0.834	0.828	1.155	1.223	1.157	1.070	15.6
Benzo(g,h,i)perylene		0.837	0.840	1.193	1.273	1.196	1.107	16.8
1,2,4,5-Tetrachlorobenzene		0.621	0.608	0.626	0.597	0.569	0.584	7.0
1,4-Dioxane		0.559	0.559	0.573	0.563	0.526	0.547	4.0
2,3,4,6-Tetrachlorophenol		0.294	0.320	0.335	0.330	0.303	0.314	5.0
1-Methylnaphthalene		0.714	0.689	0.693	0.645	0.591	0.636	10.6

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.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 13:27

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	340504	6.893	1.29686e+01	8.18	696204	9.93
	UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
	LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
	EPA SAMPLE NO.						
01	PB161688TB	226640	6.88	893009	8.16	505839	9.91
02	EFF-WW	248903	6.88	904991	8.16	426040	9.92
03	7-S-1	261541	6.88	1.02609e	8.16	574467	9.91
04	7-S-1MS	274627	6.88	1.08312e	8.16	580490	9.92
05	7-S-1MSD	265029	6.88	1.0439e+	8.16	563171	9.92
06	SHOR-RAG-DRUMMSD	215043	6.88	334961 *	8.16	368852	9.95
07	SHOP-RAG-DRUM	216979	6.88	830823	8.16	442824	9.91
08	EO-01-062424	233653	6.88	873405	8.16	434473	9.91
09	EO-01-062424MS	224242	6.88	837971	8.16	403738	9.92
10	EO-01-062424MSD	223118	6.88	832001	8.16	387171	9.91
11	7-N-1	225950	6.88	829504	8.16	383515	9.91
12	7-W-1	237131	6.88	883360	8.16	423542	9.91
13	1A	229623	6.88	827555	8.16	369416	9.91
14	7-E-1	223497	6.88	796434	8.16	343323 *	9.91
15	1-N-1	221890	6.88	790166	8.16	343796 *	9.91
16	1-W-1	226365	6.88	815342	8.16	355821	9.91
17	1-S-1	217450	6.88	763576	8.16	327949 *	9.91
18	1-B-1	207635	6.88	708597	8.16	291094 *	9.91
19	7-B-1	208045	6.88	687107	8.16	281051 *	9.91
20	HD-02-062524	222663	6.88	776827	8.16	312625 *	9.91



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 23:07

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	340504	6.893	1.29686e+01	8.18	696204	9.93
UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138362.D

Time Analyzed: 13:27

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	281965	6.881	1.06866e+01	8.16	583742	9.92
	UPPER LIMIT	563930	7.381	2137320	8.663	1167484	10.416
	LOWER LIMIT	140982.5	6.381	534330	7.663	291871	9.416
	EPA SAMPLE NO.						
01	PB161688TB	226640	6.88	893009	8.16	505839	9.91
02	EFF-WW	248903	6.88	904991	8.16	426040	9.92
03	7-S-1	261541	6.88	1.02609e	8.16	574467	9.91
04	7-S-1MS	274627	6.88	1.08312e	8.16	580490	9.92
05	7-S-1MSD	265029	6.88	1.0439e+	8.16	563171	9.92
06	SHOR-RAG-DRUMMSD	215043	6.88	334961 *	8.16	368852	9.95
07	SHOP-RAG-DRUM	216979	6.88	830823	8.16	442824	9.91
08	EO-01-062424	233653	6.88	873405	8.16	434473	9.91
09	EO-01-062424MS	224242	6.88	837971	8.16	403738	9.92
10	EO-01-062424MSD	223118	6.88	832001	8.16	387171	9.91
11	7-N-1	225950	6.88	829504	8.16	383515	9.91
12	7-W-1	237131	6.88	883360	8.16	423542	9.91
13	1A	229623	6.88	827555	8.16	369416	9.91
14	7-E-1	223497	6.88	796434	8.16	343323	9.91
15	1-N-1	221890	6.88	790166	8.16	343796	9.91
16	1-W-1	226365	6.88	815342	8.16	355821	9.91
17	1-S-1	217450	6.88	763576	8.16	327949	9.91
18	1-B-1	207635	6.88	708597	8.16	291094 *	9.91
19	7-B-1	208045	6.88	687107	8.16	281051 *	9.91
20	HD-02-062524	222663	6.88	776827	8.16	312625	9.91



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138362.D Time Analyzed: 23:07

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	281965	6.881	1.06866e+01	8.16	583742	9.92
UPPER LIMIT	563930	7.381	2137320	8.663	1167484	10.416
LOWER LIMIT	140982.5	6.381	534330	7.663	291871	9.416
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.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 13:27

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	1.18359e+0	11.416	674197	14.051	644245	15.521
	UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
	LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
	EPA SAMPLE NO.						
01	PB161688TB	922773	11.40	579188	14.03	519411	15.50
02	EFF-WW	580942 *	11.40	454852	14.04	461442	15.51
03	7-S-1	877746	11.40	451279	14.03	518263	15.50
04	7-S-1MS	857185	11.40	483342	14.04	532166	15.51
05	7-S-1MSD	850027	11.40	487670	14.04	516006	15.51
06	SHOR-RAG-DRUMMSD	510094 *	11.40	429664	14.04	447088	15.51
07	SHOP-RAG-DRUM	621124	11.40	423771	14.03	421320	15.50
08	EO-01-062424	569967 *	11.40	437640	14.03	378842	15.50
09	EO-01-062424MS	536090 *	11.40	435641	14.03	374784	15.50
10	EO-01-062424MSD	511201 *	11.40	431050	14.03	348058	15.50
11	7-N-1	517763 *	11.40	448921	14.03	365001	15.50
12	7-W-1	578877 *	11.40	485113	14.03	395119	15.50
13	1A	509171 *	11.40	452688	14.03	358955	15.50
14	7-E-1	486239 *	11.40	457198	14.03	361385	15.50
15	1-N-1	492216 *	11.40	439501	14.03	342765	15.50
16	1-W-1	513267 *	11.40	442101	14.03	343946	15.50
17	1-S-1	502779 *	11.40	445492	14.03	342388	15.50
18	1-B-1	468744 *	11.40	425758	14.03	328372	15.50
19	7-B-1	473552 *	11.40	434657	14.03	333169	15.50
20	HD-02-062524	477521 *	11.40	360320	14.03	289103 *	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 23:07

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	1.18359e+04	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
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.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138362.D Time Analyzed: 13:27

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	989863	11.404	469549	14.039	602193	15.51
	UPPER LIMIT	1979726	11.904	939098	14.539	1204386	16.01
	LOWER LIMIT	494931.5	10.904	234774.5	13.539	301096.5	15.01
	EPA SAMPLE NO.						
01	PB161688TB	922773	11.40	579188	14.03	519411	15.50
02	EFF-WW	580942	11.40	454852	14.04	461442	15.51
03	7-S-1	877746	11.40	451279	14.03	518263	15.50
04	7-S-1MS	857185	11.40	483342	14.04	532166	15.51
05	7-S-1MSD	850027	11.40	487670	14.04	516006	15.51
06	SHOR-RAG-DRUMMSD	510094	11.40	429664	14.04	447088	15.51
07	SHOP-RAG-DRUM	621124	11.40	423771	14.03	421320	15.50
08	EO-01-062424	569967	11.40	437640	14.03	378842	15.50
09	EO-01-062424MS	536090	11.40	435641	14.03	374784	15.50
10	EO-01-062424MSD	511201	11.40	431050	14.03	348058	15.50
11	7-N-1	517763	11.40	448921	14.03	365001	15.50
12	7-W-1	578877	11.40	485113	14.03	395119	15.50
13	1A	509171	11.40	452688	14.03	358955	15.50
14	7-E-1	486239 *	11.40	457198	14.03	361385	15.50
15	1-N-1	492216 *	11.40	439501	14.03	342765	15.50
16	1-W-1	513267	11.40	442101	14.03	343946	15.50
17	1-S-1	502779	11.40	445492	14.03	342388	15.50
18	1-B-1	468744 *	11.40	425758	14.03	328372	15.50
19	7-B-1	473552 *	11.40	434657	14.03	333169	15.50
20	HD-02-062524	477521 *	11.40	360320	14.03	289103 *	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062724 SAS No.: BF062724 SDG NO.: BF062724

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BF138362.D Time Analyzed: 23:07

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	989863	11.404	469549	14.039	602193	15.51
UPPER LIMIT	1979726	11.904	939098	14.539	1204386	16.01
LOWER LIMIT	494931.5	10.904	234774.5	13.539	301096.5	15.01
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.

EFF-WW

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062724

SAS No.: BF062724 SDG NO.: BF062724

Lab File ID: BF138364.D

Lab Sample ID: P2886-02

Instrument ID: BNA_F

Date Extracted: 06/14/2024

Matrix: (soil/water) Water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 14:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EFF-WW	P2886-02	BF138364.D	06/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SHOP-RAG-DRUM

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062724

SAS No.: BF062724 SDG NO.: BF062724

Lab File ID: BF138369.D

Lab Sample ID: P3049-01

Instrument ID: BNA_F

Date Extracted: 06/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 16:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SHOP-RAG-DRUM	P3049-01	BF138369.D	06/27/2024
EO-01-062424	P3047-01	BF138370.D	06/27/2024
EO-01-062424MS	P3047-01MS	BF138371.D	06/27/2024
EO-01-062424MSD	P3047-01MSD	BF138372.D	06/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

1A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062724

SAS No.: BF062724 SDG NO.: BF062724

Lab File ID: BF138375.D

Lab Sample ID: P3053-01

Instrument ID: BNA_F

Date Extracted: 06/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 19:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1A	P3053-01	BF138375.D	06/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161688TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062724

SAS No.: BF062724 SDG NO.: BF062724

Lab File ID: BF138363.D

Lab Sample ID: PB161688TB

Instrument ID: BNA_F

Date Extracted: 06/26/2024

Matrix: (soil/water) water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 13:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161688TB	PB161688TB	BF138363.D	06/27/2024
SHOR-RAG-DRUMMSD	P3049-02MSD	BF138368.D	06/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

7-E-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062724SAS No.: BF062724 SDG NO.: BF062724Lab File ID: BF138376.DLab Sample ID: P3076-07Instrument ID: BNA_FDate Extracted: 06/27/2024Matrix: (soil/water) SolidDate Analyzed: 06/27/2024Level: (low/med) LOWTime Analyzed: 20:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
7-E-1	P3076-07	BF138376.D	06/27/2024
1-N-1	P3077-01	BF138377.D	06/27/2024
1-W-1	P3077-04	BF138378.D	06/27/2024
1-S-1	P3077-07	BF138379.D	06/27/2024
1-B-1	P3077-10	BF138380.D	06/27/2024
7-B-1	P3076-13	BF138381.D	06/27/2024
HD-02-062524	P3064-01	BF138382.D	06/27/2024
7-N-1	P3076-01	BF138373.D	06/27/2024
7-W-1	P3076-04	BF138374.D	06/27/2024
7-S-1	P3076-10	BF138365.D	06/27/2024
7-S-1MS	P3076-10MS	BF138366.D	06/27/2024
7-S-1MSD	P3076-10MSD	BF138367.D	06/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3076-10MS		Client Sample ID: 7-S-1MS		DataFile: BF138366.D							
n-Nitrosodimethylamine	1800		1500	ug/Kg	83				66	124	
Pyridine	1800		1400	ug/Kg	78				45	119	
Benzaldehyde	1800		510	ug/Kg	28				26	163	
Aniline	1800		900	ug/Kg	50				10	88	
Phenol	1800		1600	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1800		1600	ug/Kg	89				74	116	
2-Chlorophenol	1800		1700	ug/Kg	94				61	138	
1,2-Dichlorobenzene	1800		1600	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1800		1500	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1800		1600	ug/Kg	89				63	104	
Benzyl Alcohol	1800		1800	ug/Kg	100				47	126	
2-Methylphenol	1800		1600	ug/Kg	89				66	122	
2,2-oxybis(1-Chloropropane)	1800		1400	ug/Kg	78				52	115	
Acetophenone	1800		1400	ug/Kg	78				75	111	
3+4-Methylphenols	1800		1500	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1800		1500	ug/Kg	83				59	119	
Hexachloroethane	1800		1700	ug/Kg	94				65	117	
Nitrobenzene	1800		1500	ug/Kg	83				70	119	
Isophorone	1800		1600	ug/Kg	89				76	122	
2-Nitrophenol	1800		2200	ug/Kg	122				54	145	
2,4-Dimethylphenol	1800		1800	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1800		1600	ug/Kg	89				68	112	
2,4-Dichlorophenol	1800		1700	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1800		1600	ug/Kg	89				57	103	
Benzoic acid	1800		1600	ug/Kg	89				50	104	
Naphthalene	1800		1500	ug/Kg	83				72	110	
4-Chloroaniline	1800		300	ug/Kg	17				10	100	
Hexachlorobutadiene	1800		1600	ug/Kg	89				66	114	
Caprolactam	1800		1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800		1700	ug/Kg	94				57	132	
2-Methylnaphthalene	1800		1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3700		4600	ug/Kg	124				10	175	
2,4,6-Trichlorophenol	1800		1700	ug/Kg	94				72	117	
2,4,5-Trichlorophenol	1800		1600	ug/Kg	89				72	117	
1,1-Biphenyl	1800		1500	ug/Kg	83				75	113	
2-Chloronaphthalene	1800		1600	ug/Kg	89				67	118	
2-Nitroaniline	1800		1800	ug/Kg	100				69	127	
Dimethylphthalate	1800		1800	ug/Kg	100				70	113	
Acenaphthylene	1800		1700	ug/Kg	94				79	118	
2,6-Dinitrotoluene	1800		1900	ug/Kg	106				70	125	
3-Nitroaniline	1800		920	ug/Kg	51				20	111	
Acenaphthene	1800		1700	ug/Kg	94				70	121	
Total PAH	28800	0	25100	ug/Kg	87				70	121	
2,4-Dinitrophenol	3700		3100	ug/Kg	84				16	160	
4-Nitrophenol	3700		2800	ug/Kg	76				45	133	
Dibenzofuran	1800		1600	ug/Kg	89				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1900	ug/Kg	106				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3800	ug/Kg	106				55	128	
Diethylphthalate	1800		1700	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1800		1600	ug/Kg	89				71	108	
Fluorene	1800		1500	ug/Kg	83				68	116	
4-Nitroaniline	1800		1500	ug/Kg	83				55	120	
4,6-Dinitro-2-methylphenol	1800		2100	ug/Kg	117				32	145	
N-Nitrosodiphenylamine	1800		1800	ug/Kg	100				73	118	
Azobenzene	1800		1500	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1800		1800	ug/Kg	100				65	121	
Hexachlorobenzene	1800		1700	ug/Kg	94				67	118	
Atrazine	1800		1800	ug/Kg	100				79	127	
Pentachlorophenol	3700		2700	ug/Kg	73				47	128	
Phenanthrene	1800		1700	ug/Kg	94				72	113	
Anthracene	1800		1600	ug/Kg	89				62	124	
Carbazole	1800		1400	ug/Kg	78				59	119	
Di-n-butylphthalate	1800		1800	ug/Kg	100				69	118	
Fluoranthene	1800	0	1400	ug/Kg	78				59	125	
Benzidine	3700		3100	ug/Kg	84				10	119	
Pyrene	1800	0	1400	ug/Kg	78				52	128	
Butylbenzylphthalate	1800		2000	ug/Kg	111				64	126	
3,3-Dichlorobenzidine	1800		1200	ug/Kg	67				10	164	
Benzo(a)anthracene	1800		1700	ug/Kg	94				71	114	
Chrysene	1800		1700	ug/Kg	94				57	121	
bis(2-Ethylhexyl)phthalate	1800		2300	ug/Kg	128	*			66	127	
Di-n-octyl phthalate	1800		2800	ug/Kg	156	*			71	126	
Benzo(b)fluoranthene	1800		1800	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1800		1800	ug/Kg	100				74	114	
Benzo(a)pyrene	1800		1900	ug/Kg	106				70	142	
Indeno(1,2,3-cd)pyrene	1800		1300	ug/Kg	72				61	125	
Dibenz(a,h)anthracene	1800		1300	ug/Kg	72				67	130	
Benzo(g,h,i)perylene	1800		1100	ug/Kg	61				53	140	
1,2,4,5-Tetrachlorobenzene	1800		1500	ug/Kg	83				69	124	
1,4-Dioxane	1800		1300	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1800		1600	ug/Kg	89				56	133	
1-Methylnaphthalene	1800		1500	ug/Kg	83				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3076-10MSD	Client Sample ID:	7-S-1MSD					DataFile:	BF138367.D		
n-Nitrosodimethylamine	1800		1600	ug/Kg	89		7		66	124	20
Pyridine	1800		1400	ug/Kg	78		0		45	119	20
Benzaldehyde	1800		520	ug/Kg	29		4		26	163	20
Aniline	1800		1000	ug/Kg	56		11		10	88	20
Phenol	1800		1700	ug/Kg	94		5		67	126	20
bis(2-Chloroethyl)ether	1800		1700	ug/Kg	94		5		74	116	20
2-Chlorophenol	1800		1800	ug/Kg	100		6		61	138	20
1,2-Dichlorobenzene	1800		1600	ug/Kg	89		0		61	105	20
1,3-Dichlorobenzene	1800		1600	ug/Kg	89		7		62	101	20
1,4-Dichlorobenzene	1800		1600	ug/Kg	89		0		63	104	20
Benzyl Alcohol	1800		1800	ug/Kg	100		0		47	126	20
2-Methylphenol	1800		1700	ug/Kg	94		5		66	122	20
2,2-oxybis(1-Chloropropane)	1800		1400	ug/Kg	78		0		52	115	20
Acetophenone	1800		1400	ug/Kg	78		0		75	111	20
3+4-Methylphenols	1800		1600	ug/Kg	89		7		53	132	20
N-Nitroso-di-n-propylamine	1800		1600	ug/Kg	89		7		59	119	20
Hexachloroethane	1800		1700	ug/Kg	94		0		65	117	20
Nitrobenzene	1800		1600	ug/Kg	89		7		70	119	20
Isophorone	1800		1700	ug/Kg	94		5		76	122	20
2-Nitrophenol	1800		2300	ug/Kg	128		5		54	145	20
2,4-Dimethylphenol	1800		1800	ug/Kg	100		0		83	144	20
bis(2-Chloroethoxy)methane	1800		1700	ug/Kg	94		5		68	112	20
2,4-Dichlorophenol	1800		1700	ug/Kg	94		0		72	118	20
1,2,4-Trichlorobenzene	1800		1600	ug/Kg	89		0		57	103	20
Benzoic acid	1800		1600	ug/Kg	89		0		50	104	20
Naphthalene	1800		1600	ug/Kg	89		7		72	110	20
4-Chloroaniline	1800		400	ug/Kg	22		26	*	10	100	20
Hexachlorobutadiene	1800		1600	ug/Kg	89		0		66	114	20
Caprolactam	1800		1700	ug/Kg	94		5		51	134	20
4-Chloro-3-methylphenol	1800		1800	ug/Kg	100		6		57	132	20
2-Methylnaphthalene	1800		1600	ug/Kg	89		0		59	123	20
Hexachlorocyclopentadiene	3700		4500	ug/Kg	122		2		10	175	20
2,4,6-Trichlorophenol	1800		1800	ug/Kg	100		6		72	117	20
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94		5		72	117	20
1,1-Biphenyl	1800		1500	ug/Kg	83		0		75	113	20
2-Chloronaphthalene	1800		1600	ug/Kg	89		0		67	118	20
2-Nitroaniline	1800		1900	ug/Kg	106		6		69	127	20
Dimethylphthalate	1800		1800	ug/Kg	100		0		70	113	20
Acenaphthylene	1800		1700	ug/Kg	94		0		79	118	20
2,6-Dinitrotoluene	1800		1900	ug/Kg	106		0		70	125	20
3-Nitroaniline	1800		1000	ug/Kg	56		9		20	111	20
Acenaphthene	1800		1700	ug/Kg	94		0		70	121	20
Total PAH	28800	0	25800	ug/Kg	90		3		70	121	20
2,4-Dinitrophenol	3700		3200	ug/Kg	86		2		16	160	20
4-Nitrophenol	3700		2800	ug/Kg	76		0		45	133	20
Dibenzofuran	1800		1600	ug/Kg	89		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		2000	ug/Kg	111		5		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3900	ug/Kg	108		2		55	128	20
Diethylphthalate	1800		1800	ug/Kg	100		6		70	112	20
4-Chlorophenyl-phenylether	1800		1600	ug/Kg	89		0		71	108	20
Fluorene	1800		1500	ug/Kg	83		0		68	116	20
4-Nitroaniline	1800		1500	ug/Kg	83		0		55	120	20
4,6-Dinitro-2-methylphenol	1800		2100	ug/Kg	117		0		32	145	20
N-Nitrosodiphenylamine	1800		1800	ug/Kg	100		0		73	118	20
Azobenzene	1800		1600	ug/Kg	89		7		73	110	20
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106		6		65	121	20
Hexachlorobenzene	1800		1700	ug/Kg	94		0		67	118	20
Atrazine	1800		1900	ug/Kg	106		6		79	127	20
Pentachlorophenol	3700		2800	ug/Kg	76		4		47	128	20
Phenanthrene	1800		1700	ug/Kg	94		0		72	113	20
Anthracene	1800		1700	ug/Kg	94		5		62	124	20
Carbazole	1800		1400	ug/Kg	78		0		59	119	20
Di-n-butylphthalate	1800		1800	ug/Kg	100		0		69	118	20
Fluoranthene	1800	0	1400	ug/Kg	78		0		59	125	20
Benzidine	3700		3400	ug/Kg	92		9		10	119	20
Pyrene	1800	0	1400	ug/Kg	78		0		52	128	20
Butylbenzylphthalate	1800		2100	ug/Kg	117		5		64	126	20
3,3-Dichlorobenzidine	1800		1400	ug/Kg	78		15		10	164	20
Benzo(a)anthracene	1800		1800	ug/Kg	100		6		71	114	20
Chrysene	1800		1800	ug/Kg	100		6		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2400	ug/Kg	133	*	4		66	127	20
Di-n-octyl phthalate	1800		3000	ug/Kg	167	*	7		71	126	20
Benzo(b)fluoranthene	1800		1900	ug/Kg	106		6		67	121	20
Benzo(k)fluoranthene	1800		1800	ug/Kg	100		0		74	114	20
Benzo(a)pyrene	1800		1900	ug/Kg	106		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800		1400	ug/Kg	78		8		61	125	20
Dibenz(a,h)anthracene	1800		1300	ug/Kg	72		0		67	130	20
Benzo(g,h,i)perylene	1800		1200	ug/Kg	67		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1800		1500	ug/Kg	83		0		69	124	20
1,4-Dioxane	1800		1300	ug/Kg	72		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94		5		56	133	20
1-Methylnaphthalene	1800		1500	ug/Kg	83		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3047-01MS		Client Sample ID: EO-01-062424MS		DataFile: BF138371.D							
n-Nitrosodimethylamine	1100		930	ug/Kg	85				66	124	
Pyridine	1100		820	ug/Kg	75				45	119	
Benzaldehyde	1100			ug/Kg	0	*			26	163	
Aniline	1100		610	ug/Kg	55				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1200	ug/Kg	109				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				52	115	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109				53	132	
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				83	144	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100			ug/Kg	0	*			50	104	
Naphthalene	1100		1400	ug/Kg	127	*			72	110	
4-Chloroaniline	1100		660	ug/Kg	60				10	100	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		950	ug/Kg	86				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1500	ug/Kg	136	*			59	123	
Hexachlorocyclopentadiene	2100		0	ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		990	ug/Kg	90				72	117	
1,1-Biphenyl	1100		1300	ug/Kg	118	*			75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1400	ug/Kg	127	*			70	113	
Acenaphthylene	1100		1400	ug/Kg	127	*			79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		810	ug/Kg	74				20	111	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600	8620	26770	ug/Kg	152	*			70	121	
2,4-Dinitrophenol	2100		0	ug/Kg	0	*			16	160	
4-Nitrophenol	2100		1200	ug/Kg	57				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1300	ug/Kg	118	*			70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1400	ug/Kg	127	*			68	116	
4-Nitroaniline	1100		860	ug/Kg	78				55	120	
4,6-Dinitro-2-methylphenol	1100		1600	ug/Kg	145				32	145	
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*			73	118	
Azobenzene	1100		1000	ug/Kg	91				73	110	
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2100		1300	ug/Kg	62				47	128	
Phenanthrene	1100	1700	2600	ug/Kg	82				72	113	
Anthracene	1100		1500	ug/Kg	136	*			62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1400	ug/Kg	127	*			69	118	
Fluoranthene	1100	1300	2300	ug/Kg	91				59	125	
Benzidine	2100		0	ug/Kg	0	*			10	119	
Pyrene	1100	1600	2200	ug/Kg	55				52	128	
Butylbenzylphthalate	1100		1400	ug/Kg	127	*			64	126	
3,3-Dichlorobenzidine	1100		970	ug/Kg	88				10	164	
Benzo(a)anthracene	1100	1000	2000	ug/Kg	91				71	114	
Chrysene	1100	1100	2100	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164	*			66	127	
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*			71	126	
Benzo(b)fluoranthene	1100	1000	2000	ug/Kg	91				67	121	
Benzo(k)fluoranthene	1100		1600	ug/Kg	145	*			74	114	
Benzo(a)pyrene	1100	920	1900	ug/Kg	89				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		970	ug/Kg	88				67	130	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		830	ug/Kg	75				46	112	
2,3,4,6-Tetrachlorophenol	1100		800	ug/Kg	73				56	133	
1-Methylnaphthalene	1100		1400	ug/Kg	127				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3047-01MSD		Client Sample ID: EO-01-062424MSD		DataFile: BF138372.D							
n-Nitrosodimethylamine	1100		920	ug/Kg	84		1		66	124	20
Pyridine	1100		830	ug/Kg	75		0		45	119	20
Benzaldehyde	1100			ug/Kg	0	*			26	163	20
Aniline	1100		610	ug/Kg	55		0		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		74	116	20
2-Chlorophenol	1100		1200	ug/Kg	109		9		61	138	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91		0		52	115	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		9		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		9		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1100	ug/Kg	100		9		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		8		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		0		83	144	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		0		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100			ug/Kg	0	*			50	104	20
Naphthalene	1100		1400	ug/Kg	127	*	0		72	110	20
4-Chloroaniline	1100		670	ug/Kg	61		2		10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		960	ug/Kg	87		1		51	134	20
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91		0		57	132	20
2-Methylnaphthalene	1100		1500	ug/Kg	136	*	0		59	123	20
Hexachlorocyclopentadiene	2100			ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		930	ug/Kg	85		6		72	117	20
1,1-Biphenyl	1100		1300	ug/Kg	118	*	0		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1400	ug/Kg	127	*	0		70	113	20
Acenaphthylene	1100		1400	ug/Kg	127	*	0		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		0		70	125	20
3-Nitroaniline	1100		790	ug/Kg	72		3		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		0		70	121	20
Total PAH	17600	8620	26800	ug/Kg	152	*	0		70	121	20
2,4-Dinitrophenol	2100		0	ug/Kg	0	*			16	160	20
4-Nitrophenol	2100		1200	ug/Kg	57		0		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		0		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1300	ug/Kg	118	*	0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	0		71	108	20
Fluorene	1100		1400	ug/Kg	127	*	0		68	116	20
4-Nitroaniline	1100		840	ug/Kg	76		3		55	120	20
4,6-Dinitro-2-methylphenol	1100		1600	ug/Kg	145		0		32	145	20
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*	0		73	118	20
Azobenzene	1100		1000	ug/Kg	91		0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2100		1300	ug/Kg	62		0		47	128	20
Phenanthrene	1100	1700	2500	ug/Kg	73		12		72	113	20
Anthracene	1100		1500	ug/Kg	136	*	0		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1400	ug/Kg	127	*	0		69	118	20
Fluoranthene	1100	1300	2400	ug/Kg	100		9		59	125	20
Benzidine	2100		1000	ug/Kg	48		200	*	10	119	20
Pyrene	1100	1600	2200	ug/Kg	55		0		52	128	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		7		64	126	20
3,3-Dichlorobenzidine	1100		990	ug/Kg	90		2		10	164	20
Benzo(a)anthracene	1100	1000	2000	ug/Kg	91		0		71	114	20
Chrysene	1100	1100	2000	ug/Kg	82		10		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164	*	0		66	127	20
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*	0		71	126	20
Benzo(b)fluoranthene	1100	1000	2000	ug/Kg	91		0		67	121	20
Benzo(k)fluoranthene	1100		1500	ug/Kg	136	*	6		74	114	20
Benzo(a)pyrene	1100	920	1900	ug/Kg	89		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109		9		61	125	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		3		67	130	20
Benzo(g,h,i)perylene	1100		1200	ug/Kg	109		9		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		850	ug/Kg	77		3		46	112	20
2,3,4,6-Tetrachlorophenol	1100		820	ug/Kg	75		3		56	133	20
1-Methylnaphthalene	1100		1400	ug/Kg	127		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3049-02MSD		Client Sample ID: SHOR-RAG-DRUMMSD		DataFile: BF138368.D							
n-Nitrosodimethylamine	500		400	ug/L	80				10	130	20
Pyridine	500		360	ug/L	72				10	109	20
Benzaldehyde	500		120	ug/L	24				10	137	20
Aniline	500		160	ug/L	32				10	130	20
Phenol	500		410	ug/L	82				10	130	20
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141	20
2-Chlorophenol	500		460	ug/L	92				23	127	20
1,2-Dichlorobenzene	500		410	ug/L	82				61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	20
Benzyl Alcohol	500		460	ug/L	92				31	94	20
2-Methylphenol	500		440	ug/L	88				23	132	20
2,2-oxybis(1-Chloropropane)	500		360	ug/L	72				36	141	20
Acetophenone	500		1000	ug/L	200	*			31	164	20
3+4-Methylphenols	500		430	ug/L	86				17	136	20
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	20
Hexachloroethane	500		430	ug/L	86				35	137	20
Nitrobenzene	500		1100	ug/L	220	*			40	134	20
Isophorone	500		910	ug/L	182	*			39	146	20
2-Nitrophenol	500		1200	ug/L	240	*			30	148	20
2,4-Dimethylphenol	500		830	ug/L	166	*			17	143	20
bis(2-Chloroethoxy)methane	500		630	ug/L	126				39	143	20
2,4-Dichlorophenol	500		590	ug/L	118				22	146	20
1,2,4-Trichlorobenzene	500		540	ug/L	108				66	110	20
Benzoic acid	500			ug/L	0	*			10	101	20
Naphthalene	500		420	ug/L	84				17	157	20
4-Chloroaniline	500		160	ug/L	32				10	95	20
Hexachlorobutadiene	500		450	ug/L	90				52	125	20
Caprolactam	500			ug/L	0	*			10	130	20
4-Chloro-3-methylphenol	500		1000	ug/L	200	*			17	148	20
2-Methylnaphthalene	500		1300	ug/L	260	*			38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	20
2,4,6-Trichlorophenol	500		560	ug/L	112				46	139	20
2,4,5-Trichlorophenol	500		390	ug/L	78				42	129	20
1,1-Biphenyl	500		470	ug/L	94				38	154	20
2-Chloronaphthalene	500		480	ug/L	96				41	145	20
2-Nitroaniline	500		460	ug/L	92				39	151	20
Dimethylphthalate	500		460	ug/L	92				42	147	20
Acenaphthylene	500		490	ug/L	98				40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	20
3-Nitroaniline	500		170	ug/L	34				10	111	20
Acenaphthene	500		500	ug/L	100				37	146	20
Total PAH	8000		7080	ug/L	89				37	146	20
2,4-Dinitrophenol	1000		880	ug/L	88				14	167	20
4-Nitrophenol	1000		1500	ug/L	150	*			10	130	20
Dibenzofuran	500		340	ug/L	68				41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		870	ug/L	87				40	151	20
2,4-Dinitrotoluene	500		400	ug/L	80				40	151	20
Diethylphthalate	500		360	ug/L	72				41	148	20
4-Chlorophenyl-phenylether	500		430	ug/L	86				38	149	20
Fluorene	500		410	ug/L	82				39	144	20
4-Nitroaniline	500		290	ug/L	58				27	138	20
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	20
N-Nitrosodiphenylamine	500		480	ug/L	96				40	150	20
Azobenzene	500		380	ug/L	76				72	112	20
4-Bromophenyl-phenylether	500		450	ug/L	90				42	151	20
Hexachlorobenzene	500		480	ug/L	96				60	129	20
Atrazine	500		79.8	ug/L	16	*			20	162	20
Pentachlorophenol	1000		900	ug/L	90				15	137	20
Phenanthrene	500		460	ug/L	92				40	147	20
Anthracene	500		470	ug/L	94				41	146	20
Carbazole	500		450	ug/L	90				37	154	20
Di-n-butylphthalate	500		500	ug/L	100				40	151	20
Fluoranthene	500		480	ug/L	96				42	146	20
Benzydine	1000			ug/L	0	*			10	130	20
Pyrene	500		350	ug/L	70				41	149	20
Butylbenzylphthalate	500		570	ug/L	114				39	155	20
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	20
Benzo(a)anthracene	500		470	ug/L	94				41	147	20
Chrysene	500		480	ug/L	96				44	144	20
bis(2-Ethylhexyl)phthalate	500		670	ug/L	134				33	160	20
Di-n-octyl phthalate	500		820	ug/L	164	*			36	158	20
Benzo(b)fluoranthene	500		530	ug/L	106				40	150	20
Benzo(k)fluoranthene	500		470	ug/L	94				40	147	20
Benzo(a)pyrene	500		500	ug/L	100				42	147	20
Indeno(1,2,3-cd)pyrene	500		360	ug/L	72				30	166	20
Dibenz(a,h)anthracene	500		370	ug/L	74				23	172	20
Benzo(g,h,i)perylene	500		320	ug/L	64				27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90				89	102	20
1,4-Dioxane	500			ug/L	0	*			38	130	20
2,3,4,6-Tetrachlorophenol	500		420	ug/L	84	*			91	111	20
1-Methylnaphthalene	500		980	ug/L	196	*			25	151	20



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

Surrogate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 625.1

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2886-02	EFF-WW	BF138364.D	2-Fluorophenol	100	31.43	31	*	60	140
			Phenol-d6	100	19.03	19	*	60	140
			Nitrobenzene-d5	100	68.54	69		60	140
			2-Fluorobiphenyl	100	71.75	72		60	140
			2,4,6-Tribromophenol	100	65.58	66		60	140
			Terphenyl-d14	100	62.31	62		60	140

Surrogate Summary

SW-846

SDG No.: **BF062724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3047-01	EO-01-062424	BF138370.D	2-Fluorophenol	150	105.73	70		18	112
			Phenol-d6	150	104.73	70		15	107
			Nitrobenzene-d5	100	72.50	73		18	107
			2-Fluorobiphenyl	100	91.15	91		20	109
			2,4,6-Tribromophenol	150	75.32	50		10	110
			Terphenyl-d14	100	64.79	65		14	112
P3047-01MS	EO-01-062424MS	BF138371.D	2-Fluorophenol	150	91.93	61		18	112
			Phenol-d6	150	91.57	61		15	107
			Nitrobenzene-d5	100	61.61	62		18	107
			2-Fluorobiphenyl	100	78.99	79		20	109
			2,4,6-Tribromophenol	150	72.48	48		10	110
			Terphenyl-d14	100	54.45	54		14	112
P3047-01MSD	EO-01-062424MSDBF138372.D		2-Fluorophenol	150	91.42	61		18	112
			Phenol-d6	150	90.12	60		15	107
			Nitrobenzene-d5	100	62.91	63		18	107
			2-Fluorobiphenyl	100	80.27	80		20	109
			2,4,6-Tribromophenol	150	72.54	48		10	110
			Terphenyl-d14	100	54.71	55		14	112
P3049-01	SHOP-RAG-DRUMBF138369.D		2-Fluorophenol	150	70.21	47		18	112
			Phenol-d6	150	69.02	46		15	107
			Nitrobenzene-d5	100	56.39	56		18	107
			2-Fluorobiphenyl	100	65.51	66		20	109
			2,4,6-Tribromophenol	150	20.38	14		10	110
			Terphenyl-d14	100	48.60	49		14	112



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

Surrogate Summary

SW-846

SDG No.: BF062724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3053-01	1A	BF138375.D	2-Fluorophenol	150	76.77	51		18	112
			Phenol-d6	150	71.53	48		15	107
			Nitrobenzene-d5	100	54.22	54		18	107
			2-Fluorobiphenyl	100	53.28	53		20	109
			2,4,6-Tribromophenol	150	67.37	45		10	110
			Terphenyl-d14	100	37.54	38		14	112

Surrogate Summary

SW-846

SDG No.: **BF062724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3049-02MSD	SHOR-RAG-DRUMBF138368.D		2-Fluorophenol	150	128.64	86		10	139
			Phenol-d6	150	111.63	74		10	134
			Nitrobenzene-d5	100	189.11	189	*	49	133
			2-Fluorobiphenyl	100	89.88	90		52	132
			2,4,6-Tribromophenol	150	111.47	74		32	145
			Terphenyl-d14	100	63.23	63		36	145
PB161688TB	PB161688TB	BF138363.D	2-Fluorophenol	150	118.66	79		10	139
			Phenol-d6	150	113.37	76		10	134
			Nitrobenzene-d5	100	82.36	82		49	133
			2-Fluorobiphenyl	100	78.43	78		52	132
			2,4,6-Tribromophenol	150	133.04	89		32	145
			Terphenyl-d14	100	81.47	81		36	145

Surrogate Summary

SW-846

SDG No.: **BF062724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3064-01	HD-02-062524	BF138382.D	2-Fluorophenol	150	83.34	56		18	112
			Phenol-d6	150	77.50	52		15	107
			Nitrobenzene-d5	100	56.25	56		18	107
			2-Fluorobiphenyl	100	74.17	74		20	109
			2,4,6-Tribromophenol	150	71.48	48		10	110
			Terphenyl-d14	100	61.95	62		14	112
P3076-01	7-N-1	BF138373.D	2-Fluorophenol	150	70.52	47		18	112
			Phenol-d6	150	67.63	45		15	107
			Nitrobenzene-d5	100	50.36	50		18	107
			2-Fluorobiphenyl	100	55.23	55		20	109
			2,4,6-Tribromophenol	150	61.68	41		10	110
			Terphenyl-d14	100	40.66	41		14	112
P3076-04	7-W-1	BF138374.D	2-Fluorophenol	150	76.20	51		18	112
			Phenol-d6	150	71.49	48		15	107
			Nitrobenzene-d5	100	52.72	53		18	107
			2-Fluorobiphenyl	100	55.27	55		20	109
			2,4,6-Tribromophenol	150	67.73	45		10	110
			Terphenyl-d14	100	41.08	41		14	112
P3076-07	7-E-1	BF138376.D	2-Fluorophenol	150	84.56	56		18	112
			Phenol-d6	150	79.15	53		15	107
			Nitrobenzene-d5	100	60.49	60		18	107
			2-Fluorobiphenyl	100	66.61	67		20	109
			2,4,6-Tribromophenol	150	78.25	52		10	110
			Terphenyl-d14	100	45.88	46		14	112
P3076-10	7-S-1	BF138365.D	2-Fluorophenol	150	78.15	52		18	112
			Phenol-d6	150	76.15	51		15	107
			Nitrobenzene-d5	100	54.67	55		18	107
			2-Fluorobiphenyl	100	48.09	48		20	109
			2,4,6-Tribromophenol	150	82.59	55		10	110
			Terphenyl-d14	100	44.12	44		14	112
P3076-10MS	7-S-1MS	BF138366.D	2-Fluorophenol	150	76.98	51		18	112
			Phenol-d6	150	76.25	51		15	107
			Nitrobenzene-d5	100	53.43	53		18	107
			2-Fluorobiphenyl	100	49.15	49		20	109
			2,4,6-Tribromophenol	150	79.66	53		10	110
			Terphenyl-d14	100	42.38	42		14	112
P3076-10MSD	7-S-1MSD	BF138367.D	2-Fluorophenol	150	78.80	53		18	112
			Phenol-d6	150	77.64	52		15	107
			Nitrobenzene-d5	100	55.23	55		18	107
			2-Fluorobiphenyl	100	49.94	50		20	109
			2,4,6-Tribromophenol	150	82.50	55		10	110
			Terphenyl-d14	100	43.34	43		14	112
P3076-13	7-B-1	BF138381.D	2-Fluorophenol	150	77.20	51		18	112
			Phenol-d6	150	71.25	47		15	107
			Nitrobenzene-d5	100	55.85	56		18	107
			2-Fluorobiphenyl	100	57.63	58		20	109
			2,4,6-Tribromophenol	150	81.49	54		10	110
			Terphenyl-d14	100	44.94	45		14	112
P3077-01	1-N-1	BF138377.D	2-Fluorophenol	150	72.96	49		18	112

Surrogate Summary

SW-846

SDG No.: **BF062724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3077-01	1-N-1	BF138377.D	Phenol-d6	150	67.80	45		15	107
			Nitrobenzene-d5	100	51.15	51		18	107
			2-Fluorobiphenyl	100	51.60	52		20	109
			2,4,6-Tribromophenol	150	67.43	45		10	110
			Terphenyl-d14	100	39.01	39		14	112
P3077-04	1-W-1	BF138378.D	2-Fluorophenol	150	70.93	47		18	112
			Phenol-d6	150	65.44	44		15	107
			Nitrobenzene-d5	100	48.47	48		18	107
			2-Fluorobiphenyl	100	48.68	49		20	109
			2,4,6-Tribromophenol	150	64.52	43		10	110
P3077-07	1-S-1	BF138379.D	Terphenyl-d14	100	37.47	37		14	112
			2-Fluorophenol	150	68.56	46		18	112
			Phenol-d6	150	64.07	43		15	107
			Nitrobenzene-d5	100	48.17	48		18	107
			2-Fluorobiphenyl	100	47.60	48		20	109
P3077-10	1-B-1	BF138380.D	2,4,6-Tribromophenol	150	65.54	44		10	110
			Terphenyl-d14	100	36.91	37		14	112
			2-Fluorophenol	150	71.62	48		18	112
			Phenol-d6	150	66.05	44		15	107
			Nitrobenzene-d5	100	50.09	50		18	107
			2-Fluorobiphenyl	100	51.18	51		20	109
			2,4,6-Tribromophenol	150	71.88	48		10	110
			Terphenyl-d14	100	39.87	40		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062724

Lab Code: CHEM

SAS No.: BF062724

SDG NO.: BF062724

Lab File ID: BF138361.D

DFTPP Injection Date: 06/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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	BF138362.D	06/27/2024	12:57
PB161688TB	PB161688TB	BF138363.D	06/27/2024	13:27
EFF-WW	P2886-02	BF138364.D	06/27/2024	14:05
7-S-1	P3076-10	BF138365.D	06/27/2024	14:35
7-S-1MS	P3076-10MS	BF138366.D	06/27/2024	15:06
7-S-1MSD	P3076-10MSD	BF138367.D	06/27/2024	15:36
SHOR-RAG-DRUMMSD	P3049-02MSD	BF138368.D	06/27/2024	16:07
SHOP-RAG-DRUM	P3049-01	BF138369.D	06/27/2024	16:37
EO-01-062424	P3047-01	BF138370.D	06/27/2024	17:07
EO-01-062424MS	P3047-01MS	BF138371.D	06/27/2024	17:38
EO-01-062424MSD	P3047-01MSD	BF138372.D	06/27/2024	18:09
7-N-1	P3076-01	BF138373.D	06/27/2024	18:39
7-W-1	P3076-04	BF138374.D	06/27/2024	19:09
1A	P3053-01	BF138375.D	06/27/2024	19:39
7-E-1	P3076-07	BF138376.D	06/27/2024	20:09
1-N-1	P3077-01	BF138377.D	06/27/2024	20:39
1-W-1	P3077-04	BF138378.D	06/27/2024	21:09
1-S-1	P3077-07	BF138379.D	06/27/2024	21:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062724

Lab Code: CHEM

SAS No.: BF062724

SDG NO.: BF062724

Lab File ID: BF138361.D

DFTPP Injection Date: 06/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 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
1-B-1	P3077-10	BF138380.D	06/27/2024	22:08
7-B-1	P3076-13	BF138381.D	06/27/2024	22:38
HD-02-062524	P3064-01	BF138382.D	06/27/2024	23:07