

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052324 SAS No.: BF052324 SDG No.: BF052324

Instrument ID: BNA_F Calibration Date/Time: 5/23/2024 1:10:17

Lab File ID: BF138018.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	0.505	0.478		-5.347	
Pyridine	1.144	1.181		3.234	
2-Fluorophenol	1.177	1.139		-3.229	
Benzaldehyde	0.785	0.817		4.076	
Aniline	1.297	1.374		5.937	
Phenol-d6	1.450	1.420		-2.069	
Phenol	1.464	1.439		-1.708	20.0
bis(2-Chloroethyl) ether	1.124	1.130		0.534	
2-Chlorophenol	1.274	1.279		0.392	
1,2-Dichlorobenzene	1.393	1.370		-1.651	
1,3-Dichlorobenzene	1.474	1.463		-0.746	
1,4-Dichlorobenzene	1.480	1.476		-0.27	20.0
Benzyl Alcohol	1.005	1.047		4.179	
2-Methylphenol	1.016	1.019		0.295	
2,2-oxybis(1-Chloropropane)	1.382	1.400		1.302	
Acetophenone	0.448	0.449		0.223	
3+4-Methylphenols	1.331	1.337		0.451	
n-Nitroso-di-n-propylamine	0.815	0.842	0.050	3.313	
Nitrobenzene-d5	0.340	0.349		2.647	
Hexachloroethane	0.501	0.509		1.597	
Nitrobenzene	0.345	0.349		1.159	
Isophorone	0.590	0.610		3.39	
2-Nitrophenol	0.173	0.187		8.092	20.0
2,4-Dimethylphenol	0.223	0.231		3.587	
bis(2-Chloroethoxy) methane	0.357	0.370		3.641	
2,4-Dichlorophenol	0.280	0.293		4.643	20.0
1,2,4-Trichlorobenzene	0.313	0.317		1.278	
Benzoic acid	0.189	0.220		16.402	
Naphthalene	1.006	1.016		0.994	
4-Chloroaniline	0.330	0.360		9.091	
Hexachlorobutadiene	0.198	0.205		3.535	20.0
Caprolactam	0.081	0.088		8.642	
4-Chloro-3-methylphenol	0.285	0.301		5.614	20.0
2-Methylnaphthalene	0.646	0.665		2.941	
Hexachlorocyclopentadiene	0.207	0.214	0.050	3.382	
2,4,6-Trichlorophenol	0.357	0.371		3.922	20.0
2-Fluorobiphenyl	1.298	1.275		-1.772	
2,4,5-Trichlorophenol	0.390	0.402		3.077	
1,1-Biphenyl	1.403	1.407		0.285	

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Instrument ID: BNA_F Calibration Date/Time: 5/23/2024 1:10:17
Lab File ID: BF138018.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	1.120	1.125		0.446	
2-Nitroaniline	0.287	0.294		2.439	
Dimethylphthalate	1.254	1.295		3.27	
Acenaphthylene	1.610	1.618		0.497	
2,6-Dinitrotoluene	0.288	0.306		6.25	
3-Nitroaniline	0.281	0.289		2.847	
Acenaphthene	1.064	1.096		3.008	20.0
2,4-Dinitrophenol	0.129	0.155	0.050	20.155	
4-Nitrophenol	0.202	0.215	0.050	6.436	
Dibenzofuran	1.549	1.568		1.227	
2,4-Dinitrotoluene	0.372	0.396		6.452	
Diethylphthalate	1.171	1.225		4.611	
4-Chlorophenyl-phenylether	0.604	0.627		3.808	
Fluorene	1.225	1.247		1.796	
4-Nitroaniline	0.267	0.276		3.371	
4,6-Dinitro-2-methylphenol	0.115	0.133		15.652	
n-Nitrosodiphenylamine	0.613	0.624		1.794	20.0
Azobenzene	1.065	1.086		1.972	
2,4,6-Tribromophenol	0.202	0.217		7.426	
4-Bromophenyl-phenylether	0.219	0.232		5.936	
Hexachlorobenzene	0.242	0.252		4.132	
Atrazine	0.167	0.165		-1.198	
Pentachlorophenol	0.142	0.157		10.563	20.0
Phenanthrene	0.986	0.982		-0.406	
Anthracene	0.978	0.988		1.022	
Carbazole	0.893	0.892		-0.112	
Di-n-butylphthalate	0.991	1.098		10.797	
Fluoranthene	1.000	1.008		0.8	20.0
Benzidine	0.261	0.436		67.05	
Pyrene	1.749	1.819		4.002	
Terphenyl-d14	1.357	1.441		6.19	
Butylbenzylphthalate	0.528	0.637		20.644	
3,3-Dichlorobenzidine	0.351	0.407		15.954	
Benzo(a)anthracene	1.265	1.309		3.478	
Chrysene	1.210	1.249		3.223	
Bis(2-ethylhexyl)phthalate	0.663	0.791		19.306	
Di-n-octyl phthalate	0.896	1.161		29.576	20.0
Benzo(b)fluoranthene	1.158	1.166		0.691	
Benzo(k)fluoranthene	1.138	1.137		-0.088	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052324 SAS No.: BF052324 SDG No.: BF052324

Instrument ID: BNA_F Calibration Date/Time: 5/23/2024 1:10:17

Lab File ID: BF138018.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	0.989	1.023		3.438	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.325		3.113	
Dibenzo(a,h)anthracene	1.062	1.084		2.072	
Benzo(g,h,i)perylene	1.115	1.116		0.09	
1,2,4,5-Tetrachlorobenzene	0.544	0.552		1.471	
1,4-Dioxane	0.510	0.481		-5.686	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.325		6.209	
1-Methylnaphthalene	0.635	0.654		2.992	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BL	SDG No.:	BF052324
Lab Sample ID:	PB161055BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138019.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BL	SDG No.:	BF052324
Lab Sample ID:	PB161055BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138019.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BL	SDG No.:	BF052324
Lab Sample ID:	PB161055BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138019.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.495		18-112		87	SPK: -150
13127-88-3	Phenol-d6	130.719		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	84.75		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	83.49		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BL	SDG No.:	BF052324
Lab Sample ID:	PB161055BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138019.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.269		10-110		93	SPK: -150
1718-51-0	Terphenyl-d14	90.918		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136514	7.034				
1146-65-2	Naphthalene-d8	546410	8.316				
15067-26-2	Acenaphthene-d10	315767	10.08				
1517-22-2	Phenanthrene-d10	559409	11.574				
1719-03-5	Chrysene-d12	325388	14.227				
1520-96-3	Perylene-d12	267843	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	5600	J			2.122	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BS	SDG No.:	BF052324
Lab Sample ID:	PB161055BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138020.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1900		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	690		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BS	SDG No.:	BF052324
Lab Sample ID:	PB161055BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138020.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BS	SDG No.:	BF052324
Lab Sample ID:	PB161055BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138020.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	670		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.575		18-112		77	SPK: -150
13127-88-3	Phenol-d6	116.482		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	76.784		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	75.887		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161055BS	SDG No.:	BF052324
Lab Sample ID:	PB161055BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138020.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.99		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	81.267		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159557	7.034				
1146-65-2	Naphthalene-d8	634354	8.322				
15067-26-2	Acenaphthene-d10	360690	10.086				
1517-22-2	Phenanthrene-d10	631196	11.58				
1719-03-5	Chrysene-d12	354682	14.233				
1520-96-3	Perylene-d12	306386	15.798				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161005TB	SDG No.:	BF052324
Lab Sample ID:	PB161005TB	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
BF138021.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161034

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161005TB	SDG No.:	BF052324
Lab Sample ID:	PB161005TB	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
BF138021.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161034

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161005TB	SDG No.:	BF052324
Lab Sample ID:	PB161005TB	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
BF138021.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.511		10-139		85	SPK: -150
13127-88-3	Phenol-d6	126.894		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	83.577		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.6		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161005TB	SDG No.:	BF052324
Lab Sample ID:	PB161005TB	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
BF138021.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.54		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	87.581		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139618	7.034				
1146-65-2	Naphthalene-d8	551411	8.316				
15067-26-2	Acenaphthene-d10	319922	10.081				
1517-22-2	Phenanthrene-d10	575512	11.575				
1719-03-5	Chrysene-d12	342372	14.227				
1520-96-3	Perylene-d12	279723	15.792				

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BS	SDG No.:	BF052324
Lab Sample ID:	PB161075BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138022.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.1		1	8	10	ug/L
110-86-1	Pyridine	34.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	58.1		4	8	10	ug/L
62-53-3	Aniline	31.4		1.6	4	5	ug/L
108-95-2	Phenol	42.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	39.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	39.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1.4	4	5	ug/L
98-86-2	Acetophenone	40.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	40.4		1	4	5	ug/L
98-95-3	Nitrobenzene	39.2		1.3	4	5	ug/L
78-59-1	Isophorone	41.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	44		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	45.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	48.1		5.5	8	10	ug/L
91-20-3	Naphthalene	39.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BS	SDG No.:	BF052324
Lab Sample ID:	PB161075BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138022.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	40		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.1		0.81	4	5	ug/L
Total PAH	Total PAH	696.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	86	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	91	E	2	8	10	ug/L
132-64-9	Dibenzofuran	41.9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.2		2.7	4	10	ug/L
84-66-2	Diethylphthalate	43.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.2		0.98	4	5	ug/L
86-73-7	Fluorene	41.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.3		0.89	4	5	ug/L
103-33-3	Azobenzene	43		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	41.9		1.1	4	5	ug/L
1912-24-9	Atrazine	53.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BS	SDG No.:	BF052324
Lab Sample ID:	PB161075BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BF138022.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	42.6		0.89	4	5	ug/L
120-12-7	Anthracene	43.4		1.1	4	5	ug/L
86-74-8	Carbazole	42.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.1		1.3	4	5	ug/L
92-87-5	Benzidine	19.8		4.1	8	10	ug/L
129-00-0	Pyrene	42.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.2		0.94	4	5	ug/L
218-01-9	Chrysene	42.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	47.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.32		10-139		77	SPK: -150
13127-88-3	Phenol-d6	116.005		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	76.457		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	75.243		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BS	SDG No.:	BF052324
Lab Sample ID:	PB161075BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138022.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.96		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	81.805		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164432	7.034				
1146-65-2	Naphthalene-d8	654986	8.322				
15067-26-2	Acenaphthene-d10	374304	10.087				
1517-22-2	Phenanthrene-d10	639931	11.581				
1719-03-5	Chrysene-d12	366851	14.233				
1520-96-3	Perylene-d12	315768	15.792				

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BL	SDG No.:	BF052324
Lab Sample ID:	PB161075BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138023.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BL	SDG No.:	BF052324
Lab Sample ID:	PB161075BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138023.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BL	SDG No.:	BF052324
Lab Sample ID:	PB161075BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138023.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.518		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.722		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.319		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	84.827		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161075BL	SDG No.:	BF052324
Lab Sample ID:	PB161075BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138023.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.555		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	91.919		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135560	7.034				
1146-65-2	Naphthalene-d8	534940	8.316				
15067-26-2	Acenaphthene-d10	307858	10.08				
1517-22-2	Phenanthrene-d10	534158	11.574				
1719-03-5	Chrysene-d12	306751	14.227				
1520-96-3	Perylene-d12	254683	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown2.128	200	J			2.128	
000994-05-8	Butane, 2-methoxy-2-methyl-	2	J			2.475	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161047TB	SDG No.:	BF052324
Lab Sample ID:	PB161047TB	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
BF138024.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161047TB	SDG No.:	BF052324
Lab Sample ID:	PB161047TB	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
BF138024.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161047TB	SDG No.:	BF052324
Lab Sample ID:	PB161047TB	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
BF138024.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.115		10-139		87	SPK: -150
13127-88-3	Phenol-d6	129.449		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	85.938		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	85.136		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	PB161047TB	SDG No.:	BF052324
Lab Sample ID:	PB161047TB	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
BF138024.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.248		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	91.396		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140989	7.034				
1146-65-2	Naphthalene-d8	556531	8.316				
15067-26-2	Acenaphthene-d10	319877	10.081				
1517-22-2	Phenanthrene-d10	567843	11.575				
1719-03-5	Chrysene-d12	331311	14.227				
1520-96-3	Perylene-d12	264507	15.792				



Client:				Date Collected:	5/23/2024 12:00:00 AM	
Project:				Date Received:	5/23/2024 12:00:00 AM	
Client Sample ID:	PB161081BS			SDG No.:	BF052324	
Lab Sample ID:	PB161081BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	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
BF138025.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1900		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	640		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BS	SDG No.:	BF052324
Lab Sample ID:	PB161081BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138025.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BS	SDG No.:	BF052324
Lab Sample ID:	PB161081BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138025.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	650		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.31		18-112		78	SPK: -150
13127-88-3	Phenol-d6	116.849		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	75.908		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	75.668		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BS	SDG No.:	BF052324
Lab Sample ID:	PB161081BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138025.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.15		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	80.369		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155441	7.034				
1146-65-2	Naphthalene-d8	624369	8.322				
15067-26-2	Acenaphthene-d10	353384	10.086				
1517-22-2	Phenanthrene-d10	614989	11.58				
1719-03-5	Chrysene-d12	354575	14.233				
1520-96-3	Perylene-d12	314705	15.792				



Client:				Date Collected:	5/23/2024 12:00:00 AM	
Project:				Date Received:	5/23/2024 12:00:00 AM	
Client Sample ID:	PB161081BL			SDG No.:	BF052324	
Lab Sample ID:	PB161081BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138026.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BL	SDG No.:	BF052324
Lab Sample ID:	PB161081BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138026.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BL	SDG No.:	BF052324
Lab Sample ID:	PB161081BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138026.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.739		18-112		88	SPK: -150
13127-88-3	Phenol-d6	130.598		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	85.391		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	85.256		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	PB161081BL	SDG No.:	BF052324
Lab Sample ID:	PB161081BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138026.D	1	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.113		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	92.458		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137291	7.034				
1146-65-2	Naphthalene-d8	548468	8.316				
15067-26-2	Acenaphthene-d10	308754	10.081				
1517-22-2	Phenanthrene-d10	534784	11.575				
1719-03-5	Chrysene-d12	306390	14.227				
1520-96-3	Perylene-d12	257021	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138027.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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	81.7	J	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138027.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138027.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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	125.745		10-139		84	SPK: -150
13127-88-3	Phenol-d6	118.648		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	89.606		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.714		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138027.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.394		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	99.908		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133851	7.034				
1146-65-2	Naphthalene-d8	518630	8.316				
15067-26-2	Acenaphthene-d10	296854	10.08				
1517-22-2	Phenanthrene-d10	493223	11.574				
1719-03-5	Chrysene-d12	244616	14.227				
1520-96-3	Perylene-d12	280789	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF052324
Lab Sample ID:	P2556-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138028.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470		10.3	80	100	ug/L
110-86-1	Pyridine	390		15.5	40	50	ug/L
100-52-7	Benzaldehyde	76.5	J	40	80	100	ug/L
62-53-3	Aniline	310		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	490		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	440		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	440		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	480		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	480		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	450		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	490		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	500		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	500		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	610		54.7	80	100	ug/L
91-20-3	Naphthalene	460		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	130		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF052324
Lab Sample ID:	P2556-02MS	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
BF138028.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1200	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	500		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	490		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	520		9.3	40	50	ug/L
208-96-8	Acenaphthylene	520		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	310		13.7	40	50	ug/L
83-32-9	Acenaphthene	510		8.1	40	50	ug/L
Total PAH	Total PAH	7540		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	810	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	950	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1010		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	480		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	470		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	510		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		8.9	40	50	ug/L
103-33-3	Azobenzene	500		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF052324
Lab Sample ID:	P2556-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138028.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	520		10.7	40	50	ug/L
86-74-8	Carbazole	470		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	550		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	440		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	590		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	400		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	630		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	770		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	390		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	390		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	310		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.984		10-139		85	SPK: -150
13127-88-3	Phenol-d6	121.204		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	89.467		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.65		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF052324
Lab Sample ID:	P2556-02MS	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
BF138028.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.405		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	88.135		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141708	7.039				
1146-65-2	Naphthalene-d8	559038	8.322				
15067-26-2	Acenaphthene-d10	312465	10.086				
1517-22-2	Phenanthrene-d10	490046	11.58				
1719-03-5	Chrysene-d12	268822	14.233				
1520-96-3	Perylene-d12	305622	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF052324
Lab Sample ID:	P2556-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138029.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	380		15.5	40	50	ug/L
100-52-7	Benzaldehyde	98.3	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	470		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	480		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		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	530		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	450		12.7	40	50	ug/L
78-59-1	Isophorone	480		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	490		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	520		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	480		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	590		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	72.7		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF052324
Lab Sample ID:	P2556-02MSD	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
BF138029.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	480		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	500		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	510		9.3	40	50	ug/L
208-96-8	Acenaphthylene	520		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	210		13.7	40	50	ug/L
83-32-9	Acenaphthene	510		8.1	40	50	ug/L
Total PAH	Total PAH	7400		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	800		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	970	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000		27.6	40	100	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	490		9.8	40	50	ug/L
86-73-7	Fluorene	480		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	470		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	480		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	520		8.9	40	50	ug/L
103-33-3	Azobenzene	500		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	520		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	610		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF052324
Lab Sample ID:	P2556-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138029.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	990	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	490		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	470		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	430		12.9	40	50	ug/L
92-87-5	Benzidine	120		40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	600		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	350		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	590		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	710		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	490		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	480		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	380		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	380		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	300		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.22		10-139		83	SPK: -150
13127-88-3	Phenol-d6	119.611		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.373		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.996		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF052324
Lab Sample ID:	P2556-02MSD	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
BF138029.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.541		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	93.338		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144436	7.033				
1146-65-2	Naphthalene-d8	566520	8.322				
15067-26-2	Acenaphthene-d10	314179	10.086				
1517-22-2	Phenanthrene-d10	507545	11.58				
1719-03-5	Chrysene-d12	260493	14.233				
1520-96-3	Perylene-d12	296156	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138030.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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	130		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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138030.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138030.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

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	580		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.422		10-139		80	SPK: -150
13127-88-3	Phenol-d6	114.565		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	85.053		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.22		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138030.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161075

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.296		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	93.138		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144012	7.034				
1146-65-2	Naphthalene-d8	563443	8.316				
15067-26-2	Acenaphthene-d10	315999	10.08				
1517-22-2	Phenanthrene-d10	529293	11.574				
1719-03-5	Chrysene-d12	270807	14.227				
1520-96-3	Perylene-d12	281308	15.792				



Client:				Date Collected:	5/22/2024 12:00:00 AM	
Project:				Date Received:	5/22/2024 12:00:00 AM	
Client Sample ID:	OR-02-052224			SDG No.:	BF052324	
Lab Sample ID:	P2578-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138031.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	810	990	ug/Kg
110-86-1	Pyridine	240	U	240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	290	U	290	390	510	ug/Kg
108-95-2	Phenol	250	U	250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	510	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	810	990	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	510	ug/Kg
98-95-3	Nitrobenzene	270	U	270	390	510	ug/Kg
78-59-1	Isophorone	250	U	250	390	510	ug/Kg
88-75-5	2-Nitrophenol	280	U	280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	250	U	250	390	510	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224	SDG No.:	BF052324
Lab Sample ID:	P2578-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138031.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	3960	U	3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610	U	510	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224	SDG No.:	BF052324
Lab Sample ID:	P2578-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138031.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	250	U	250	390	510	ug/Kg
120-12-7	Anthracene	250	U	250	390	510	ug/Kg
86-74-8	Carbazole	240	U	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	240	U	240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	250	U	250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	390	510	ug/Kg
218-01-9	Chrysene	240	U	240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	U	250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	280	U	280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	U	240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.76		18-112		44	SPK: -150
13127-88-3	Phenol-d6	68.245		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	46.365		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	55.555		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224	SDG No.:	BF052324
Lab Sample ID:	P2578-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138031.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.555		10-110		37	SPK: -150
1718-51-0	Terphenyl-d14	39.855		14-112		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140676	7.034				
1146-65-2	Naphthalene-d8	523349	8.316				
15067-26-2	Acenaphthene-d10	254314	10.08				
1517-22-2	Phenanthrene-d10	356854	11.574				
1719-03-5	Chrysene-d12	266323	14.227				
1520-96-3	Perylene-d12	215983	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	750	J			2.369	
002462-85-3	9,12-Octadecadienoic acid, methyl	360	J			12.639	
1000254-19-1	3-Amino-6-[9-phenanthryl]-1,2,4-tr	200	J			13.021	



Client:			Date Collected:	5/22/2024 12:00:00 AM		
Project:			Date Received:	5/22/2024 12:00:00 AM		
Client Sample ID:	OR-02-052224MS		SDG No.:	BF052324		
Lab Sample ID:	P2578-01MS		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	0		
Sample Wt/Vol:	50.06	Units: g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL		Test:			
Extraction Type :	Decanted :		Level :	LOW		
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138032.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810	J	260	810	990	ug/Kg
110-86-1	Pyridine	740		240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	480	J	290	390	510	ug/Kg
108-95-2	Phenol	930		250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		250	390	510	ug/Kg
95-57-8	2-Chlorophenol	950		250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	900		260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	920		260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	950	J	250	810	990	ug/Kg
95-48-7	2-Methylphenol	900		240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		270	390	510	ug/Kg
98-86-2	Acetophenone	990		260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	900	J	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		120	240	240	ug/Kg
67-72-1	Hexachloroethane	830		250	390	510	ug/Kg
98-95-3	Nitrobenzene	860		270	390	510	ug/Kg
78-59-1	Isophorone	970		250	390	510	ug/Kg
88-75-5	2-Nitrophenol	880		280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	980		280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	910		230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	930		260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	940		250	390	510	ug/Kg
106-47-8	4-Chloroaniline	520		250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	880		250	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MS	SDG No.:	BF052324
Lab Sample ID:	P2578-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138032.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	900	J	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	930		250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740	J	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	870		220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	1000		260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	950		250	390	510	ug/Kg
88-74-4	2-Nitroaniline	920		280	390	510	ug/Kg
131-11-3	Dimethylphthalate	1000		240	390	510	ug/Kg
208-96-8	Acenaphthylene	1000		260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		250	390	510	ug/Kg
99-09-2	3-Nitroaniline	720		270	390	510	ug/Kg
83-32-9	Acenaphthene	910		240	390	510	ug/Kg
Total PAH	Total PAH	14600		3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	950	J	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	1400		350	810	990	ug/Kg
132-64-9	Dibenzofuran	950		250	390	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		260	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	730		510	390	1020	ug/Kg
84-66-2	Diethylphthalate	1000		240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		260	390	510	ug/Kg
86-73-7	Fluorene	920		260	390	510	ug/Kg
100-01-6	4-Nitroaniline	820		320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		240	390	510	ug/Kg
103-33-3	Azobenzene	890		240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	920		250	390	510	ug/Kg
1912-24-9	Atrazine	1200		270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MS	SDG No.:	BF052324
Lab Sample ID:	P2578-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138032.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1400		230	810	990	ug/Kg
85-01-8	Phenanthrene	1000		250	390	510	ug/Kg
120-12-7	Anthracene	980		250	390	510	ug/Kg
86-74-8	Carbazole	940		240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	1100		250	390	510	ug/Kg
206-44-0	Fluoranthene	990		240	390	510	ug/Kg
92-87-5	Benzidine	1300		490	810	990	ug/Kg
129-00-0	Pyrene	810		250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	1000		290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940	J	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	1000		240	390	510	ug/Kg
218-01-9	Chrysene	1000		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	1000		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	680		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	670		240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600		240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		260	390	510	ug/Kg
123-91-1	1,4-Dioxane	740		330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	840		220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	870		250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.525		18-112		42	SPK: -150
13127-88-3	Phenol-d6	63.455		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	42.15		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	50.375		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MS	SDG No.:	BF052324
Lab Sample ID:	P2578-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138032.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.445		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	36.29		14-112		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136726	7.034				
1146-65-2	Naphthalene-d8	512005	8.316				
15067-26-2	Acenaphthene-d10	259694	10.081				
1517-22-2	Phenanthrene-d10	369098	11.575				
1719-03-5	Chrysene-d12	265992	14.227				
1520-96-3	Perylene-d12	223212	15.798				

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MSD	SDG No.:	BF052324
Lab Sample ID:	P2578-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138033.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810	J	260	810	990	ug/Kg
110-86-1	Pyridine	740		240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	480	J	290	390	510	ug/Kg
108-95-2	Phenol	910		250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		250	390	510	ug/Kg
95-57-8	2-Chlorophenol	940		250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	900		260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	890		260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	920	J	250	810	990	ug/Kg
95-48-7	2-Methylphenol	890		240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		270	390	510	ug/Kg
98-86-2	Acetophenone	990		260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	870	J	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		120	240	240	ug/Kg
67-72-1	Hexachloroethane	830		250	390	510	ug/Kg
98-95-3	Nitrobenzene	870		270	390	510	ug/Kg
78-59-1	Isophorone	950		250	390	510	ug/Kg
88-75-5	2-Nitrophenol	890		280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	980		280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	900		230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	900		260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	920		250	390	510	ug/Kg
106-47-8	4-Chloroaniline	540		250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	880		250	390	510	ug/Kg



Client:				Date Collected:	5/22/2024 12:00:00 AM	
Project:				Date Received:	5/22/2024 12:00:00 AM	
Client Sample ID:	OR-02-052224MSD			SDG No.:	BF052324	
Lab Sample ID:	P2578-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138033.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	870	J	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	840		230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	910		250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820		220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	1000		260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	970		250	390	510	ug/Kg
88-74-4	2-Nitroaniline	940		280	390	510	ug/Kg
131-11-3	Dimethylphthalate	1000		240	390	510	ug/Kg
208-96-8	Acenaphthylene	1000		260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		250	390	510	ug/Kg
99-09-2	3-Nitroaniline	770		270	390	510	ug/Kg
83-32-9	Acenaphthene	870		240	390	510	ug/Kg
Total PAH	Total PAH	14520		3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	810	J	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	1500		350	810	990	ug/Kg
132-64-9	Dibenzofuran	940		250	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	690		510	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	810		260	390	510	ug/Kg
84-66-2	Diethylphthalate	1000		240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		260	390	510	ug/Kg
86-73-7	Fluorene	890		260	390	510	ug/Kg
100-01-6	4-Nitroaniline	860		320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		240	390	510	ug/Kg
103-33-3	Azobenzene	880		240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	880		250	390	510	ug/Kg
1912-24-9	Atrazine	1200		270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MSD	SDG No.:	BF052324
Lab Sample ID:	P2578-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138033.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1500		230	810	990	ug/Kg
85-01-8	Phenanthrene	990		250	390	510	ug/Kg
120-12-7	Anthracene	1000		250	390	510	ug/Kg
86-74-8	Carbazole	960		240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	1100		250	390	510	ug/Kg
206-44-0	Fluoranthene	1000		240	390	510	ug/Kg
92-87-5	Benzidine	1600		490	810	990	ug/Kg
129-00-0	Pyrene	830		250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	1000		290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910	J	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	970		240	390	510	ug/Kg
218-01-9	Chrysene	1000		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	1000		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	720		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	700		240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	630		240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		260	390	510	ug/Kg
123-91-1	1,4-Dioxane	760		330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	820		220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	850		250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.015		18-112		41	SPK: -150
13127-88-3	Phenol-d6	62.115		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	43.22		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	50.34		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	OR-02-052224MSD	SDG No.:	BF052324
Lab Sample ID:	P2578-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138033.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	54.74		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	36.89		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133930	7.034				
1146-65-2	Naphthalene-d8	490309	8.316				
15067-26-2	Acenaphthene-d10	239805	10.081				
1517-22-2	Phenanthrene-d10	343029	11.575				
1719-03-5	Chrysene-d12	259127	14.227				
1520-96-3	Perylene-d12	203582	15.792				

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	TR-05-052224	SDG No.:	BF052324
Lab Sample ID:	P2580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138034.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	810	990	ug/Kg
110-86-1	Pyridine	240	U	240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	290	U	290	390	510	ug/Kg
108-95-2	Phenol	250	U	250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	510	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	810	990	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	510	ug/Kg
98-95-3	Nitrobenzene	270	U	270	390	510	ug/Kg
78-59-1	Isophorone	250	U	250	390	510	ug/Kg
88-75-5	2-Nitrophenol	280	U	280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	250	U	250	390	510	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg



Client:				Date Collected:	5/22/2024 12:00:00 AM	
Project:				Date Received:	5/22/2024 12:00:00 AM	
Client Sample ID:	TR-05-052224			SDG No.:	BF052324	
Lab Sample ID:	P2580-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138034.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	3960	U	3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	510	U	510	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	TR-05-052224	SDG No.:	BF052324
Lab Sample ID:	P2580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138034.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	250	U	250	390	510	ug/Kg
120-12-7	Anthracene	250	U	250	390	510	ug/Kg
86-74-8	Carbazole	240	U	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	240	U	240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	250	U	250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	390	510	ug/Kg
218-01-9	Chrysene	240	U	240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	U	250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	280	U	280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	U	240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.4		18-112		68	SPK: -150
13127-88-3	Phenol-d6	103.035		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	71.235		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	82.18		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	TR-05-052224	SDG No.:	BF052324
Lab Sample ID:	P2580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138034.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.725		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	60.975		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136117	7.034				
1146-65-2	Naphthalene-d8	484051	8.316				
15067-26-2	Acenaphthene-d10	239180	10.08				
1517-22-2	Phenanthrene-d10	344568	11.574				
1719-03-5	Chrysene-d12	262407	14.227				
1520-96-3	Perylene-d12	205586	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.357	
000629-59-4	Tetradecane	460	J			9.463	
000544-76-3	Hexadecane	640	J			9.992	
000629-62-9	Pentadecane	760	J			10.492	
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	440	J			10.716	
000629-78-7	Heptadecane	1200	J			10.969	
000593-45-3	Octadecane	730	J			11.416	
000629-94-7	Heneicosane	630	J			11.845	
000112-39-0	Hexadecanoic acid, methyl ester	9700	J			11.951	
000112-95-8	Eicosane	560	J			12.257	
002462-85-3	9,12-Octadecadienoic acid, methyl	27000	J			12.657	
056554-49-5	16-Octadecenoic acid, methyl ester	22000	J			12.674	
000112-61-8	Methyl stearate	5200	J			12.751	
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	470	J			12.78	
000112-55-0	1-Dodecanethiol	830	J			12.798	
000629-97-0	Docosane	690	J			13.021	
054833-23-7	Eicosane, 10-methyl-	400	J			13.374	
1000336-50-5	Methyl 9-eicosenoate	550	J			13.398	
001120-28-1	Eicosanoic acid, methyl ester	480	J			13.468	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	TR-05-052224	SDG No.:	BF052324
Lab Sample ID:	P2580-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138034.D	5	5/23/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000929-77-1	Docosanoic acid, methyl ester	550	J			14.145	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
Sample Wt/Vol:	5.03	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
BF138035.D	20	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	12200	U	12200	37900	46400	ug/Kg
110-86-1	Pyridine	11200	U	11200	18300	23900	ug/Kg
100-52-7	Benzaldehyde	25600	U	25600	37900	46400	ug/Kg
62-53-3	Aniline	13600	U	13600	18300	23900	ug/Kg
108-95-2	Phenol	11600	U	11600	18300	23900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	11800	U	11800	18300	23900	ug/Kg
95-57-8	2-Chlorophenol	11700	U	11700	18300	23900	ug/Kg
95-50-1	1,2-Dichlorobenzene	11900	U	11900	18300	23900	ug/Kg
541-73-1	1,3-Dichlorobenzene	12100	U	12100	18300	23900	ug/Kg
106-46-7	1,4-Dichlorobenzene	12200	U	12200	18300	23900	ug/Kg
100-51-6	Benzyl Alcohol	11700	U	11700	37900	46400	ug/Kg
95-48-7	2-Methylphenol	11300	U	11300	18300	23900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	12800	U	12800	18300	23900	ug/Kg
98-86-2	Acetophenone	12200	U	12200	18300	23900	ug/Kg
65794-96-9	3+4-Methylphenols	11200	U	11200	37900	46400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	5700	U	5700	11200	11200	ug/Kg
67-72-1	Hexachloroethane	11700	U	11700	18300	23900	ug/Kg
98-95-3	Nitrobenzene	12800	U	12800	18300	23900	ug/Kg
78-59-1	Isophorone	11900	U	11900	18300	23900	ug/Kg
88-75-5	2-Nitrophenol	13300	U	13300	18300	23900	ug/Kg
105-67-9	2,4-Dimethylphenol	13100	U	13100	18300	23900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	12100	U	12100	18300	23900	ug/Kg
120-83-2	2,4-Dichlorophenol	10600	U	10600	18300	23900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	12000	U	12000	18300	23900	ug/Kg
65-85-0	Benzoic acid	33300	U	33300	37900	46400	ug/Kg
91-20-3	Naphthalene	11600	U	11600	18300	23900	ug/Kg
106-47-8	4-Chloroaniline	11600	U	11600	18300	23900	ug/Kg
87-68-3	Hexachlorobutadiene	11700	U	11700	18300	23900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
Sample Wt/Vol:	5.03	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
BF138035.D	20	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	12200	U	12200	37900	46400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	10900	U	10900	18300	23900	ug/Kg
91-57-6	2-Methylnaphthalene	11600	U	11600	18300	23900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21900	U	21900	37900	46400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	10000	U	10000	18300	23900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	10400	U	10400	18300	23900	ug/Kg
92-52-4	1,1-Biphenyl	12300	U	12300	18300	23900	ug/Kg
91-58-7	2-Chloronaphthalene	11700	U	11700	18300	23900	ug/Kg
88-74-4	2-Nitroaniline	13300	U	13300	18300	23900	ug/Kg
131-11-3	Dimethylphthalate	11500	U	11500	18300	23900	ug/Kg
208-96-8	Acenaphthylene	12200	U	12200	18300	23900	ug/Kg
606-20-2	2,6-Dinitrotoluene	11700	U	11700	18300	23900	ug/Kg
99-09-2	3-Nitroaniline	12500	U	12500	18300	23900	ug/Kg
83-32-9	Acenaphthene	11400	U	11400	18300	23900	ug/Kg
Total PAH	Total PAH	186400	U	186400	18300	382400	ug/Kg
51-28-5	2,4-Dinitrophenol	34100	U	34100	37900	46400	ug/Kg
100-02-7	4-Nitrophenol	16300	U	16300	37900	46400	ug/Kg
132-64-9	Dibenzofuran	11900	U	11900	18300	23900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23800	U	23800	18300	47800	ug/Kg
121-14-2	2,4-Dinitrotoluene	12100	U	12100	18300	23900	ug/Kg
84-66-2	Diethylphthalate	11300	U	11300	18300	23900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	12000	U	12000	18300	23900	ug/Kg
86-73-7	Fluorene	12000	U	12000	18300	23900	ug/Kg
100-01-6	4-Nitroaniline	15000	U	15000	18300	23900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16400	U	16400	37900	46400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	11500	U	11500	18300	23900	ug/Kg
103-33-3	Azobenzene	11200	U	11200	18300	23900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	11100	U	11100	18300	23900	ug/Kg
118-74-1	Hexachlorobenzene	11900	U	11900	18300	23900	ug/Kg
1912-24-9	Atrazine	12800	U	12800	18300	23900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
Sample Wt/Vol:	5.03	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
BF138035.D	20	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	10900	U	10900	37900	46400	ug/Kg
85-01-8	Phenanthrene	11800	U	11800	18300	23900	ug/Kg
120-12-7	Anthracene	11900	U	11900	18300	23900	ug/Kg
86-74-8	Carbazole	11300	U	11300	18300	23900	ug/Kg
84-74-2	Di-n-butylphthalate	11800	U	11800	18300	23900	ug/Kg
206-44-0	Fluoranthene	11500	U	11500	18300	23900	ug/Kg
92-87-5	Benzidine	22900	U	22900	37900	46400	ug/Kg
129-00-0	Pyrene	11700	U	11700	18300	23900	ug/Kg
85-68-7	Butylbenzylphthalate	13600	U	13600	18300	23900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	13900	U	13900	37900	46400	ug/Kg
56-55-3	Benzo(a)anthracene	11300	U	11300	18300	23900	ug/Kg
218-01-9	Chrysene	11200	U	11200	18300	23900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	12800	U	12800	18300	23900	ug/Kg
117-84-0	Di-n-octyl phthalate	15500	U	15500	37900	46400	ug/Kg
205-99-2	Benzo(b)fluoranthene	11400	U	11400	18300	23900	ug/Kg
207-08-9	Benzo(k)fluoranthene	11600	U	11600	18300	23900	ug/Kg
50-32-8	Benzo(a)pyrene	13100	U	13100	18300	23900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11000	U	11000	18300	23900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11400	U	11400	18300	23900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11300	U	11300	18300	23900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	12200	U	12200	18300	23900	ug/Kg
123-91-1	1,4-Dioxane	15500	U	15500	18300	23900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	10500	U	10500	18300	23900	ug/Kg
90-12-0	1-Methylnaphthalene	11700	U	11700	23900	23900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.1		18-112		57	SPK: -150
13127-88-3	Phenol-d6	78.68		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.14		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	74.9		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
Sample Wt/Vol:	5.03	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
BF138035.D	20	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.64		10-110		42	SPK: -150
1718-51-0	Terphenyl-d14	49.38		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113125	7.034				
1146-65-2	Naphthalene-d8	402745	8.316				
15067-26-2	Acenaphthene-d10	188335	10.086				
1517-22-2	Phenanthrene-d10	233324	11.592				
1719-03-5	Chrysene-d12	222919	14.233				
1520-96-3	Perylene-d12	171961	15.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	17300	J			2.352	
	unknown2.716	28600	J			2.716	
000108-38-3	Benzene, 1,3-dimethyl-	20300	J			5.893	
000108-67-8	Mesitylene	22800	J			6.857	
000149-57-5	Hexanoic acid, 2-ethyl-	15100	J			7.663	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	15200	J			8.545	
000629-50-5	Tridecane	13600	J			8.892	
000092-51-3	1,1-Bicyclohexyl	12800	J			9.092	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	14000	J			9.139	
056862-62-5	10-Methylnonadecane	20800	J			9.463	
	unknown9.716	27700	J			9.716	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	40700	J			9.786	
	unknown9.845	15500	J			9.845	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	24200	J			9.945	
	unknown9.992	55900	J			9.992	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	35100	J			10.498	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	78400	J			10.728	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	112400	J			10.998	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	93700	J			11.469	



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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2556-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.1
Sample Wt/Vol:	5.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138035.D	20	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

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

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	49.7
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138036.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	5100	U	5100	15900	19400	ug/Kg
110-86-1	Pyridine	4700	U	4700	7600	10000	ug/Kg
100-52-7	Benzaldehyde	10700	U	10700	15900	19400	ug/Kg
62-53-3	Aniline	5700	U	5700	7600	10000	ug/Kg
108-95-2	Phenol	4900	U	4900	7600	10000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4900	U	4900	7600	10000	ug/Kg
95-57-8	2-Chlorophenol	4900	U	4900	7600	10000	ug/Kg
95-50-1	1,2-Dichlorobenzene	5000	U	5000	7600	10000	ug/Kg
541-73-1	1,3-Dichlorobenzene	5100	U	5100	7600	10000	ug/Kg
106-46-7	1,4-Dichlorobenzene	5100	U	5100	7600	10000	ug/Kg
100-51-6	Benzyl Alcohol	4900	U	4900	15900	19400	ug/Kg
95-48-7	2-Methylphenol	4700	U	4700	7600	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	5300	U	5300	7600	10000	ug/Kg
98-86-2	Acetophenone	5100	U	5100	7600	10000	ug/Kg
65794-96-9	3+4-Methylphenols	4700	U	4700	15900	19400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2400	U	2400	4700	4700	ug/Kg
67-72-1	Hexachloroethane	4900	U	4900	7600	10000	ug/Kg
98-95-3	Nitrobenzene	5300	U	5300	7600	10000	ug/Kg
78-59-1	Isophorone	5000	U	5000	7600	10000	ug/Kg
88-75-5	2-Nitrophenol	5600	U	5600	7600	10000	ug/Kg
105-67-9	2,4-Dimethylphenol	5500	U	5500	7600	10000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	5000	U	5000	7600	10000	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	U	4400	7600	10000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5000	U	5000	7600	10000	ug/Kg
65-85-0	Benzoic acid	13900	U	13900	15900	19400	ug/Kg
91-20-3	Naphthalene	10500		4900	7600	10000	ug/Kg
106-47-8	4-Chloroaniline	4900	U	4900	7600	10000	ug/Kg
87-68-3	Hexachlorobutadiene	4900	U	4900	7600	10000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	49.7
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138036.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	5100	U	5100	15900	19400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4600	U	4600	7600	10000	ug/Kg
91-57-6	2-Methylnaphthalene	47700		4900	7600	10000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	9200	U	9200	15900	19400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4200	U	4200	7600	10000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4400	U	4400	7600	10000	ug/Kg
92-52-4	1,1-Biphenyl	5100	U	5100	7600	10000	ug/Kg
91-58-7	2-Chloronaphthalene	4900	U	4900	7600	10000	ug/Kg
88-74-4	2-Nitroaniline	5600	U	5600	7600	10000	ug/Kg
131-11-3	Dimethylphthalate	4800	U	4800	7600	10000	ug/Kg
208-96-8	Acenaphthylene	5100	U	5100	7600	10000	ug/Kg
606-20-2	2,6-Dinitrotoluene	4900	U	4900	7600	10000	ug/Kg
99-09-2	3-Nitroaniline	5200	U	5200	7600	10000	ug/Kg
83-32-9	Acenaphthene	4800	U	4800	7600	10000	ug/Kg
Total PAH	Total PAH	78100	U	78100	7600	160000	ug/Kg
51-28-5	2,4-Dinitrophenol	14300	U	14300	15900	19400	ug/Kg
100-02-7	4-Nitrophenol	6800	U	6800	15900	19400	ug/Kg
132-64-9	Dibenzofuran	5000	U	5000	7600	10000	ug/Kg
121-14-2	2,4-Dinitrotoluene	5100	U	5100	7600	10000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10000	U	10000	7600	20000	ug/Kg
84-66-2	Diethylphthalate	4700	U	4700	7600	10000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5000	U	5000	7600	10000	ug/Kg
86-73-7	Fluorene	5400	J	5000	7600	10000	ug/Kg
100-01-6	4-Nitroaniline	6300	U	6300	7600	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	6900	U	6900	15900	19400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	4800	U	4800	7600	10000	ug/Kg
103-33-3	Azobenzene	4700	U	4700	7600	10000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4600	U	4600	7600	10000	ug/Kg
118-74-1	Hexachlorobenzene	5000	U	5000	7600	10000	ug/Kg
1912-24-9	Atrazine	5400	U	5400	7600	10000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	49.7
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138036.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4500	U	4500	15900	19400	ug/Kg
85-01-8	Phenanthrene	14100		4900	7600	10000	ug/Kg
120-12-7	Anthracene	6000	J	5000	7600	10000	ug/Kg
86-74-8	Carbazole	4700	U	4700	7600	10000	ug/Kg
84-74-2	Di-n-butylphthalate	5000	U	5000	7600	10000	ug/Kg
206-44-0	Fluoranthene	5700	J	4800	7600	10000	ug/Kg
92-87-5	Benzidine	9600	U	9600	15900	19400	ug/Kg
129-00-0	Pyrene	18400		4900	7600	10000	ug/Kg
85-68-7	Butylbenzylphthalate	5700	U	5700	7600	10000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	5800	U	5800	15900	19400	ug/Kg
56-55-3	Benzo(a)anthracene	4700	U	4700	7600	10000	ug/Kg
218-01-9	Chrysene	4700	U	4700	7600	10000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	18300		5400	7600	10000	ug/Kg
117-84-0	Di-n-octyl phthalate	6500	U	6500	15900	19400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800	U	4800	7600	10000	ug/Kg
207-08-9	Benzo(k)fluoranthene	4900	U	4900	7600	10000	ug/Kg
50-32-8	Benzo(a)pyrene	5500	U	5500	7600	10000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4600	U	4600	7600	10000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4800	U	4800	7600	10000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4700	U	4700	7600	10000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	5100	U	5100	7600	10000	ug/Kg
123-91-1	1,4-Dioxane	6500	U	6500	7600	10000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4400	U	4400	7600	10000	ug/Kg
90-12-0	1-Methylnaphthalene	28300		4900	10000	10000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	28.815		18-112		19	SPK: -150
13127-88-3	Phenol-d6	46.025		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	26.895		18-107		27	SPK: -100
321-60-8	2-Fluorobiphenyl	53.685		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	49.7
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138036.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.74		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	79.59		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107049	7.034				
1146-65-2	Naphthalene-d8	357770	8.322				
15067-26-2	Acenaphthene-d10	175918	10.086				
1517-22-2	Phenanthrene-d10	288228	11.586				
1719-03-5	Chrysene-d12	122822	14.268				
1520-96-3	Perylene-d12	145466	15.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000149-57-5	Hexanoic acid, 2-ethyl-	83500	J			7.775	
000112-35-6	Ethanol, 2-[2-(2-methoxyethoxy)eth	222700	J			8.404	
000629-59-4	Tetradecane	141800	J			9.469	
000581-42-0	Naphthalene, 2,6-dimethyl-	105900	J			9.739	
000629-99-2	Pentacosane	77100	J			9.786	
000143-22-6	Ethanol, 2-[2-(2-butoxyethoxy)etho	271000	J			9.839	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	250600	J			9.998	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	84500	J			10.322	
000544-76-3	Hexadecane	219900	J			10.504	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	115700	J			10.722	
000629-92-5	Nonadecane	347000	J			10.98	
001786-94-3	3,6,9,12,15-Pentaoxanonadecan-1-ol	121900	J			11.186	
000593-45-3	Octadecane	229700	J			11.433	
000630-04-6	Hentriacontane	93300	J			11.463	
055045-08-4	Dodecane, 2-methyl-6-propyl-	249200	J			11.863	
000112-39-0	Hexadecanoic acid, methyl ester	272200	J			11.963	
000629-78-7	Heptadecane	270400	J			12.275	
013287-24-6	Nonadecane, 9-methyl-	81600	J			12.422	
002566-97-4	9,12-Octadecadienoic acid, methyl	461200	J			12.657	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF052324
Lab Sample ID:	P2558-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	49.7
Sample Wt/Vol:	5.07	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138036.D	1	5/22/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
056554-47-3	13-Octadecenoic acid, methyl ester	583300	J			12.68	

Hit Summary Sheet SW-846

SDG No.: BF052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
P2556-01	COMP-1	Solid	1,1-Bicyclohexyl	*	12,800.000	J		
P2556-01	COMP-1	Solid	1-Propanol, 2-(2-hydroxypropoxy)	*	15,200.000	J		
P2556-01	COMP-1	Solid	10-Methylnonadecane	*	20,800.000	J		
P2556-01	COMP-1	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3	*	35,100.000	J		
P2556-01	COMP-1	Solid	Benzene, 1,3-dimethyl-	*	20,300.000	J		
P2556-01	COMP-1	Solid	Butane, 2-methoxy-2-methyl-	*	17,300.000	J		
P2556-01	COMP-1	Solid	Carbonic acid, octadecyl prop-1-e	*	40,700.000	J		
P2556-01	COMP-1	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	24,200.000	J		
P2556-01	COMP-1	Solid	Hexadecane, 2,6,10,14-tetramethy	*	93,700.000	J		
P2556-01	COMP-1	Solid	Hexanoic acid, 2-ethyl-	*	15,100.000	J		
P2556-01	COMP-1	Solid	Mesitylene	*	22,800.000	J		
P2556-01	COMP-1	Solid	Naphthalene, 1,2,3,4-tetrahydro-1.	*	14,000.000	J		
P2556-01	COMP-1	Solid	Pentadecane, 2,6,10,14-tetramethy	*	112,400.000	J		
P2556-01	COMP-1	Solid	Pentadecane, 2,6,10-trimethyl-	*	78,400.000	J		
P2556-01	COMP-1	Solid	Tridecane	*	13,600.000	J		
P2556-01	COMP-1	Solid	unknown2.716	*	28,600.000	J		
P2556-01	COMP-1	Solid	unknown9.716	*	27,700.000	J		
P2556-01	COMP-1	Solid	unknown9.845	*	15,500.000	J		
P2556-01	COMP-1	Solid	unknown9.992	*	55,900.000	J		
Total Tics :					664,100.00			
Total Concentration:					664,100.00			
Client ID : COMP-1								
P2556-02	COMP-1	water	Benzoic acid		81.700	J	54.7	100 ug/L
Total Svoc :							81.70	
Total Concentration:							81.70	
Client ID : COMP-1								
P2558-01	COMP-1	Solid	13-Octadecenoic acid, methyl este	*	583,300.000	J		
P2558-01	COMP-1	Solid	3,6,9,12,15-Pentaoxanonadecan-1	*	121,900.000	J		
P2558-01	COMP-1	Solid	9,12-Octadecadienoic acid, methy	*	461,200.000	J		
P2558-01	COMP-1	Solid	Carbonic acid, eicosyl vinyl ester	*	250,600.000	J		
P2558-01	COMP-1	Solid	Dodecane, 2-methyl-6-propyl-	*	249,200.000	J		
P2558-01	COMP-1	Solid	Ethanol, 2-[2-(2-butoxyethoxy)et	*	271,000.000	J		
P2558-01	COMP-1	Solid	Ethanol, 2-[2-(2-methoxyethoxy)e	*	222,700.000	J		
P2558-01	COMP-1	Solid	Hentriacontane	*	93,300.000	J		
P2558-01	COMP-1	Solid	Heptadecane	*	270,400.000	J		
P2558-01	COMP-1	Solid	Hexadecane	*	219,900.000	J		

Hit Summary Sheet SW-846

SDG No.: BF052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2558-01	COMP-1	Solid	Hexadecanoic acid, methyl ester	* 272,200.000	J			
P2558-01	COMP-1	Solid	Hexanoic acid, 2-ethyl-	* 83,500.000	J			
P2558-01	COMP-1	Solid	Naphthalene, 1,4,6-trimethyl-	* 84,500.000	J			
P2558-01	COMP-1	Solid	Naphthalene, 2,6-dimethyl-	* 105,900.000	J			
P2558-01	COMP-1	Solid	Nonadecane	* 347,000.000	J			
P2558-01	COMP-1	Solid	Nonadecane, 9-methyl-	* 81,600.000	J			
P2558-01	COMP-1	Solid	Octadecane	* 229,700.000	J			
P2558-01	COMP-1	Solid	Pentacosane	* 77,100.000	J			
P2558-01	COMP-1	Solid	Pentadecane, 2,6,10-trimethyl-	* 115,700.000	J			
P2558-01	COMP-1	Solid	Tetradecane	* 141,800.000	J			
Total Tics :				4,282,500.00				
P2558-01	COMP-1	Solid	1-Methylnaphthalene	28,300.000		4900	10000	ug/Kg
P2558-01	COMP-1	Solid	2-Methylnaphthalene	47,700.000		4900	10000	ug/Kg
P2558-01	COMP-1	Solid	Anthracene	6,000.000	J	5000	10000	ug/Kg
P2558-01	COMP-1	Solid	Bis(2-ethylhexyl)phthalate	18,300.000		5400	10000	ug/Kg
P2558-01	COMP-1	Solid	Fluoranthene	5,700.000	J	4800	10000	ug/Kg
P2558-01	COMP-1	Solid	Fluorene	5,400.000	J	5000	10000	ug/Kg
P2558-01	COMP-1	Solid	Naphthalene	10,500.000		4900	10000	ug/Kg
P2558-01	COMP-1	Solid	Phenanthrene	14,100.000		4900	10000	ug/Kg
P2558-01	COMP-1	Solid	Pyrene	18,400.000		4900	10000	ug/Kg
Total Svoc :				154,400.00				
Total Concentration:				4,436,900.00				
Client ID : COMP-1								
P2558-02	COMP-1	water	Benzidine	580.000		40.7	100	ug/L
P2558-02	COMP-1	water	Benzoic acid	130.000		54.7	100	ug/L
Total Svoc :				710.00				
Total Concentration:				710.00				
Client ID : OR-02-052224								
P2578-01	OR-02-052224	Solid	3-Amino-6-[9-phenanthryl]-1,2,4-	* 200.000	J			
P2578-01	OR-02-052224	Solid	9,12-Octadecadienoic acid, methy	* 360.000	J			
P2578-01	OR-02-052224	Solid	Butane, 2-methoxy-2-methyl-	* 750.000	J			
Total Tics :				1,310.00				
Total Concentration:				1,310.00				
Client ID : TR-05-052224								
P2580-01	TR-05-052224	Solid	1-Dodecanethiol	* 830.000	J			
P2580-01	TR-05-052224	Solid	16-Octadecenoic acid, methyl este	* 22,000.000	J			
P2580-01	TR-05-052224	Solid	3-Methyl-4-(methoxycarbonyl)he	* 440.000	J			
P2580-01	TR-05-052224	Solid	9,12-Octadecadienoic acid (Z,Z)-	* 470.000	J			
P2580-01	TR-05-052224	Solid	9,12-Octadecadienoic acid, methy	* 27,000.000	J			

Hit Summary Sheet SW-846

SDG No.: BF052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2580-01	TR-05-052224	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2580-01	TR-05-052224	Solid	Docosane	*	690.000	J		
P2580-01	TR-05-052224	Solid	Docosanoic acid, methyl ester	*	550.000	J		
P2580-01	TR-05-052224	Solid	Eicosane	*	560.000	J		
P2580-01	TR-05-052224	Solid	Eicosane, 10-methyl-	*	400.000	J		
P2580-01	TR-05-052224	Solid	Eicosanoic acid, methyl ester	*	480.000	J		
P2580-01	TR-05-052224	Solid	Heneicosane	*	630.000	J		
P2580-01	TR-05-052224	Solid	Heptadecane	*	1,200.000	J		
P2580-01	TR-05-052224	Solid	Hexadecane	*	640.000	J		
P2580-01	TR-05-052224	Solid	Hexadecanoic acid, methyl ester	*	9,700.000	J		
P2580-01	TR-05-052224	Solid	Methyl 9-eicosenoate	*	550.000	J		
P2580-01	TR-05-052224	Solid	Methyl stearate	*	5,200.000	J		
P2580-01	TR-05-052224	Solid	Octadecane	*	730.000	J		
P2580-01	TR-05-052224	Solid	Pentadecane	*	760.000	J		
P2580-01	TR-05-052224	Solid	Tetradecane	*	460.000	J		
Total Tics :					74,390.00			
Total Concentration:					74,390.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 : _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.503	0.501	0.516	0.496	0.495	0.505	1.8
Pyridine		1.050	1.087	1.182	1.160	1.147	1.144	4.8
2-Fluorophenol		1.264	1.212	1.237	1.157	1.118	1.177	5.3
Benzaldehyde			0.935	0.905	0.788	0.736	0.785	14.7
Aniline		1.265	1.259	1.333	1.293	1.279	1.297	2.5
Phenol-d6		1.601	1.511	1.525	1.414	1.372	1.450	6.6
Phenol		1.587	1.517	1.527	1.439	1.402	1.464	5.5
bis(2-Chloroethyl)ether		1.203	1.148	1.170	1.107	1.078	1.124	4.5
2-Chlorophenol		1.371	1.316	1.334	1.260	1.207	1.274	5.3
1,2-Dichlorobenzene		1.540	1.467	1.475	1.359	1.309	1.393	7.2
1,3-Dichlorobenzene		1.596	1.525	1.567	1.446	1.396	1.474	6.0
1,4-Dichlorobenzene		1.598	1.533	1.567	1.452	1.404	1.480	5.8
Benzyl Alcohol		1.024	0.995	1.045	1.012	0.980	1.005	2.4
2-Methylphenol		1.071	1.033	1.054	1.003	0.977	1.016	3.6
2,2-oxybis(1-Chloropropane)		1.475	1.427	1.444	1.371	1.317	1.382	4.9
Acetophenone		0.481	0.467	0.474	0.431	0.431	0.448	5.5
3+4-Methylphenols		1.456	1.382	1.411	1.315	1.261	1.331	6.5
n-Nitroso-di-n-propylamine	0.856	0.851	0.841	0.846	0.801	0.770	0.815	4.7
Nitrobenzene-d5		0.345	0.344	0.358	0.332	0.331	0.340	2.9
Hexachloroethane		0.524	0.500	0.531	0.500	0.480	0.501	4.1
Nitrobenzene		0.350	0.352	0.361	0.337	0.337	0.345	2.8
Isophorone		0.611	0.592	0.616	0.577	0.572	0.590	3.0
2-Nitrophenol		0.159	0.166	0.179	0.175	0.177	0.173	4.5
2,4-Dimethylphenol		0.226	0.220	0.232	0.220	0.221	0.223	2.0
bis(2-Chloroethoxy)methane		0.380	0.365	0.377	0.346	0.343	0.357	4.6
2,4-Dichlorophenol		0.273	0.283	0.296	0.280	0.274	0.280	2.8
1,2,4-Trichlorobenzene		0.334	0.316	0.329	0.304	0.300	0.313	4.4
Benzoic acid			0.148	0.177	0.190	0.195	0.189	12.9
Naphthalene		1.086	1.042	1.070	0.976	0.953	1.006	5.8
4-Chloroaniline		0.317	0.327	0.342	0.329	0.327	0.330	2.3
Hexachlorobutadiene		0.208	0.201	0.207	0.193	0.193	0.198	3.5
Caprolactam		0.080	0.080	0.081	0.083	0.079	0.081	2.3
4-Chloro-3-methylphenol		0.287	0.286	0.300	0.283	0.275	0.285	2.7
2-Methylnaphthalene		0.709	0.672	0.681	0.627	0.617	0.646	6.3
Hexachlorocyclopentadiene		0.171	0.176	0.210	0.213	0.220	0.207	11.4
2,4,6-Trichlorophenol		0.359	0.354	0.373	0.350	0.349	0.357	2.3

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.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.483	1.396	1.402	1.218	1.212	1.298	9.6
2,4,5-Trichlorophenol		0.393	0.387	0.407	0.389	0.380	0.390	2.2
1,1-Biphenyl		1.537	1.454	1.489	1.333	1.336	1.403	6.3
2-Chloronaphthalene		1.204	1.155	1.187	1.075	1.072	1.120	5.4
2-Nitroaniline		0.272	0.279	0.294	0.290	0.282	0.287	3.2
Dimethylphthalate		1.348	1.294	1.306	1.227	1.187	1.254	4.9
Acenaphthylene		1.709	1.646	1.709	1.575	1.546	1.610	4.8
2,6-Dinitrotoluene		0.286	0.285	0.298	0.288	0.282	0.288	1.7
3-Nitroaniline		0.281	0.274	0.288	0.284	0.277	0.281	1.7
Acenaphthene		1.131	1.070	1.114	1.033	1.029	1.064	4.0
2,4-Dinitrophenol			0.079	0.110	0.138	0.139	0.129	22.9
4-Nitrophenol		0.163	0.187	0.206	0.218	0.209	0.202	10.3
Dibenzofuran		1.681	1.619	1.644	1.497	1.464	1.549	6.2
2,4-Dinitrotoluene		0.346	0.371	0.385	0.385	0.364	0.372	3.8
Diethylphthalate		1.255	1.208	1.214	1.165	1.110	1.171	4.8
4-Chlorophenyl-phenylether		0.649	0.637	0.631	0.593	0.573	0.604	5.6
Fluorene		1.368	1.279	1.277	1.194	1.147	1.225	7.0
4-Nitroaniline		0.255	0.269	0.265	0.279	0.262	0.267	3.0
4,6-Dinitro-2-methylphenol			0.088	0.110	0.120	0.122	0.115	12.9
n-Nitrosodiphenylamine		0.644	0.616	0.649	0.592	0.603	0.613	4.0
Azobenzene		1.144	1.091	1.118	1.049	1.009	1.065	4.9
2,4,6-Tribromophenol		0.206	0.203	0.207	0.205	0.194	0.202	2.4
4-Bromophenyl-phenylether		0.226	0.217	0.230	0.211	0.216	0.219	3.0
Hexachlorobenzene		0.259	0.241	0.253	0.232	0.239	0.242	4.1
Atrazine		0.187	0.185	0.179	0.170	0.156	0.167	10.3
Pentachlorophenol		0.103	0.129	0.148	0.153	0.152	0.142	13.5
Phenanthrene		1.079	1.030	1.041	0.947	0.945	0.986	6.4
Anthracene		1.053	1.008	1.036	0.946	0.941	0.978	5.5
Carbazole		0.961	0.929	0.939	0.875	0.851	0.893	5.4
Di-n-butylphthalate		1.027	1.023	1.020	1.006	0.955	0.991	3.5
Fluoranthene		1.097	1.081	1.039	1.004	0.942	1.000	7.5
Benzidine			0.115	0.118	0.373	0.324	0.261	43.6
Pyrene		1.711	1.660	1.888	1.661	1.739	1.749	4.8
Terphenyl-d14		1.416	1.330	1.458	1.280	1.332	1.357	4.5
Butylbenzylphthalate		0.478	0.493	0.526	0.550	0.535	0.528	6.0
3,3-Dichlorobenzidine		0.301	0.311	0.364	0.349	0.368	0.351	9.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.278	1.270	1.317	1.230	1.232	1.265	2.3
Chrysene		1.269	1.211	1.261	1.165	1.171	1.210	3.4
Bis(2-ethylhexyl)phthalate		0.620	0.658	0.647	0.694	0.657	0.663	4.0
Di-n-octyl phthalate		0.780	0.803	0.833	0.931	0.933	0.896	10.2
Benzo(b)fluoranthene		1.198	1.187	1.165	1.207	1.110	1.158	3.7
Benzo(k)fluoranthene		1.233	1.210	1.193	1.127	1.071	1.138	6.5
Benzo(a)pyrene		0.978	0.948	1.018	0.996	0.975	0.989	2.4
Indeno(1,2,3-cd)pyrene		1.061	1.034	1.380	1.248	1.403	1.285	13.6
Dibenzo(a,h)anthracene		0.889	0.863	1.143	1.038	1.155	1.062	12.8
Benzo(g,h,i)perylene		0.931	0.895	1.202	1.070	1.223	1.115	13.5
1,2,4,5-Tetrachlorobenzene		0.587	0.547	0.567	0.518	0.527	0.544	4.7
1,4-Dioxane		0.531	0.510	0.525	0.507	0.488	0.510	2.8
2,3,4,6-Tetrachlorophenol		0.307	0.304	0.319	0.312	0.297	0.306	2.3
1-Methylnaphthalene		0.702	0.671	0.670	0.614	0.600	0.635	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:48

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	142006	7.045	550835	8.33	311581	10.09
	UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
	LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
	EPA SAMPLE NO.						
01	PB161055BL	136514	7.03	546410	8.32	315767	10.08
02	PB161055BS	159557	7.03	634354	8.32	360690	10.09
03	PB161005TB	139618	7.03	551411	8.32	319922	10.08
04	PB161075BS	164432	7.03	654986	8.32	374304	10.09
05	PB161075BL	135560	7.03	534940	8.32	307858	10.08
06	PB161047TB	140989	7.03	556531	8.32	319877	10.08
07	PB161081BS	155441	7.03	624369	8.32	353384	10.09
08	PB161081BL	137291	7.03	548468	8.32	308754	10.08
09	COMP-1	133851	7.03	518630	8.32	296854	10.08
10	COMP-1MS	141708	7.04	559038	8.32	312465	10.09
11	COMP-1MSD	144436	7.03	566520	8.32	314179	10.09
12	COMP-1	144012	7.03	563443	8.32	315999	10.08
13	OR-02-052224	140676	7.03	523349	8.32	254314	10.08
14	OR-02-052224MS	136726	7.03	512005	8.32	259694	10.08
15	OR-02-052224MSD	133930	7.03	490309	8.32	239805	10.08
16	TR-05-052224	136117	7.03	484051	8.32	239180	10.08
17	COMP-1	113125	7.03	402745	8.32	188335	10.09
18	COMP-1	107049	7.03	357770	8.32	175918	10.09



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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 19:31

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	142006	7.045	550835	8.33	311581	10.09
UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDCCC040

Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF138018.D

Time Analyzed: 10:48

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	142056	7.04	542825	8.32	312072	10.09
	UPPER LIMIT	284112	7.54	1085650	8.822	624144	10.586
	LOWER LIMIT	71028	6.54	271412.5	7.822	156036	9.586
	EPA SAMPLE NO.						
01	PB161055BL	136514	7.03	546410	8.32	315767	10.08
02	PB161055BS	159557	7.03	634354	8.32	360690	10.09
03	PB161005TB	139618	7.03	551411	8.32	319922	10.08
04	PB161075BS	164432	7.03	654986	8.32	374304	10.09
05	PB161075BL	135560	7.03	534940	8.32	307858	10.08
06	PB161047TB	140989	7.03	556531	8.32	319877	10.08
07	PB161081BS	155441	7.03	624369	8.32	353384	10.09
08	PB161081BL	137291	7.03	548468	8.32	308754	10.08
09	COMP-1	133851	7.03	518630	8.32	296854	10.08
10	COMP-1MS	141708	7.04	559038	8.32	312465	10.09
11	COMP-1MSD	144436	7.03	566520	8.32	314179	10.09
12	COMP-1	144012	7.03	563443	8.32	315999	10.08
13	OR-02-052224	140676	7.03	523349	8.32	254314	10.08
14	OR-02-052224MS	136726	7.03	512005	8.32	259694	10.08
15	OR-02-052224MSD	133930	7.03	490309	8.32	239805	10.08
16	TR-05-052224	136117	7.03	484051	8.32	239180	10.08
17	COMP-1	113125	7.03	402745	8.32	188335	10.09
18	COMP-1	107049	7.03	357770	8.32	175918	10.09



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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDCCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF138018.D Time Analyzed: 19:31

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	142056	7.04	542825	8.32	312072	10.09
UPPER LIMIT	284112	7.54	1085650	8.822	624144	10.586
LOWER LIMIT	71028	6.54	271412.5	7.822	156036	9.586
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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:48

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	535112	11.58	324526	14.227	256022	15.786
	UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
	LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
	EPA SAMPLE NO.						
01	PB161055BL	559409	11.57	325388	14.23	267843	15.79
02	PB161055BS	631196	11.58	354682	14.23	306386	15.80
03	PB161005TB	575512	11.58	342372	14.23	279723	15.79
04	PB161075BS	639931	11.58	366851	14.23	315768	15.79
05	PB161075BL	534158	11.57	306751	14.23	254683	15.79
06	PB161047TB	567843	11.58	331311	14.23	264507	15.79
07	PB161081BS	614989	11.58	354575	14.23	314705	15.79
08	PB161081BL	534784	11.58	306390	14.23	257021	15.79
09	COMP-1	493223	11.57	244616	14.23	280789	15.79
10	COMP-1MS	490046	11.58	268822	14.23	305622	15.79
11	COMP-1MSD	507545	11.58	260493	14.23	296156	15.79
12	COMP-1	529293	11.57	270807	14.23	281308	15.79
13	OR-02-052224	356854	11.57	266323	14.23	215983	15.79
14	OR-02-052224MS	369098	11.58	265992	14.23	223212	15.80
15	OR-02-052224MSD	343029	11.58	259127	14.23	203582	15.79
16	TR-05-052224	344568	11.57	262407	14.23	205586	15.80
17	COMP-1	233324 *	11.59	222919	14.23	171961	15.80
18	COMP-1	288228	11.59	122822 *	14.27	145466	15.90

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDICCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 19:31

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	535112	11.58	324526	14.227	256022	15.786
UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
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.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDCCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF138018.D Time Analyzed: 10:48

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	524125	11.581	285140	14.233	273842	15.798
	UPPER LIMIT	1048250	12.081	570280	14.733	547684	16.298
	LOWER LIMIT	262062.5	11.081	142570	13.733	136921	15.298
	EPA SAMPLE NO.						
01	PB161055BL	559409	11.57	325388	14.23	267843	15.79
02	PB161055BS	631196	11.58	354682	14.23	306386	15.80
03	PB161005TB	575512	11.58	342372	14.23	279723	15.79
04	PB161075BS	639931	11.58	366851	14.23	315768	15.79
05	PB161075BL	534158	11.57	306751	14.23	254683	15.79
06	PB161047TB	567843	11.58	331311	14.23	264507	15.79
07	PB161081BS	614989	11.58	354575	14.23	314705	15.79
08	PB161081BL	534784	11.58	306390	14.23	257021	15.79
09	COMP-1	493223	11.57	244616	14.23	280789	15.79
10	COMP-1MS	490046	11.58	268822	14.23	305622	15.79
11	COMP-1MSD	507545	11.58	260493	14.23	296156	15.79
12	COMP-1	529293	11.57	270807	14.23	281308	15.79
13	OR-02-052224	356854	11.57	266323	14.23	215983	15.79
14	OR-02-052224MS	369098	11.58	265992	14.23	223212	15.80
15	OR-02-052224MSD	343029	11.58	259127	14.23	203582	15.79
16	TR-05-052224	344568	11.57	262407	14.23	205586	15.80
17	COMP-1	233324 *	11.59	222919	14.23	171961	15.80
18	COMP-1	288228	11.59	122822 *	14.27	145466	15.90

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052324 SAS No.: BF052324 SDG NO.: BF052324

EPA Sample No.: SSTDCCC040 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BF138018.D Time Analyzed: 19:31

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	524125	11.581	285140	14.233	273842	15.798
UPPER LIMIT	1048250	12.081	570280	14.733	547684	16.298
LOWER LIMIT	262062.5	11.081	142570	13.733	136921	15.298
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161055BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1200	ug/Kg	71				28	98		
	Benzaldehyde	1700	1900	ug/Kg	112				10	147		
	Aniline	1700	1000	ug/Kg	59				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112		
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116		
	2-Methylphenol	1700	1400	ug/Kg	82				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1400	ug/Kg	82				55	104		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1300	ug/Kg	76				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111		
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119		
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105		
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107		
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110		
	Benzoic acid	1700	1600	ug/Kg	94				10	140		
	Naphthalene	1700	1300	ug/Kg	76				62	100		
	4-Chloroaniline	1700	690	ug/Kg	41				16	100		
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98		
	Caprolactam	1700	1600	ug/Kg	94				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	134		
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99		
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	23200	ug/Kg	85				57	104		
	2,4-Dinitrophenol	3300	2800	ug/Kg	85				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161055BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2900	ug/Kg	85				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	670	ug/Kg	20				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161075BS	n-Nitrosodimethylamine	50	41.1	ug/L	82				55	108	
	Pyridine	50	34.3	ug/L	69				29	97	
	Benzaldehyde	50	58.1	ug/L	116				15	121	
	Aniline	50	31.4	ug/L	63				10	130	
	Phenol	50	42.4	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	42.8	ug/L	86				62	103	
	2-Chlorophenol	50	43.5	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	40.4	ug/L	81				72	102	
	1,3-Dichlorobenzene	50	39.1	ug/L	78				71	103	
	1,4-Dichlorobenzene	50	39.5	ug/L	79				76	103	
	Benzyl Alcohol	50	46.2	ug/L	92				36	93	
	2-Methylphenol	50	43	ug/L	86				69	109	
	2,2-oxybis(1-Chloropropane)	50	42.9	ug/L	86				52	103	
	Acetophenone	50	40.8	ug/L	82				60	104	
	3+4-Methylphenols	50	41.5	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50	43.3	ug/L	87				57	107	
	Hexachloroethane	50	40.4	ug/L	81				76	118	
	Nitrobenzene	50	39.2	ug/L	78				58	106	
	Isophorone	50	41.8	ug/L	84				61	102	
	2-Nitrophenol	50	44	ug/L	88				70	115	
	2,4-Dimethylphenol	50	45.3	ug/L	91				67	130	
	bis(2-Chloroethoxy)methane	50	41.8	ug/L	84				58	109	
	2,4-Dichlorophenol	50	43.2	ug/L	86				66	115	
	1,2,4-Trichlorobenzene	50	39.5	ug/L	79				41	115	
	Benzoic acid	50	48.1	ug/L	96				10	125	
	Naphthalene	50	39.8	ug/L	80				64	107	
	4-Chloroaniline	50	19.4	ug/L	39				10	85	
	Hexachlorobutadiene	50	38.7	ug/L	77				69	101	
	Caprolactam	50	47.8	ug/L	96				58	128	
	4-Chloro-3-methylphenol	50	43.7	ug/L	87				65	114	
	2-Methylnaphthalene	50	41.2	ug/L	82				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	43.7	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	42.7	ug/L	85				70	106	
	1,1-Biphenyl	50	41.1	ug/L	82				72	98	
	2-Chloronaphthalene	50	40	ug/L	80				59	106	
	2-Nitroaniline	50	43.7	ug/L	87				58	107	
	Dimethylphthalate	50	43.2	ug/L	86				64	103	
	Acenaphthylene	50	44.1	ug/L	88				65	108	
	2,6-Dinitrotoluene	50	42.8	ug/L	86				64	110	
	3-Nitroaniline	50	32.7	ug/L	65				28	100	
	Acenaphthene	50	45.1	ug/L	90				59	113	
	Total PAH	800	696.2	ug/L	87				59	113	
	2,4-Dinitrophenol	100	86	ug/L	86				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161075BS	4-Nitrophenol	100	91	ug/L	91				68	116	
	Dibenzofuran	50	41.9	ug/L	84				65	106	
	2,4-Dinitrotoluene	50	44.4	ug/L	89				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	87.2	ug/L	87				60	115	
	Diethylphthalate	50	43.8	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	42.2	ug/L	84				61	104	
	Fluorene	50	41.8	ug/L	84				64	107	
	4-Nitroaniline	50	42	ug/L	84				69	112	
	4,6-Dinitro-2-methylphenol	50	47.7	ug/L	95				62	132	
	N-Nitrosodiphenylamine	50	42.3	ug/L	85				61	109	
	Azobenzene	50	43	ug/L	86				59	106	
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				73	103	
	Hexachlorobenzene	50	41.9	ug/L	84				73	106	
	Atrazine	50	53.4	ug/L	107				76	120	
	Pentachlorophenol	100	85.4	ug/L	85				47	114	
	Phenanthrene	50	42.6	ug/L	85				62	109	
	Anthracene	50	43.4	ug/L	87				65	110	
	Carbazole	50	42.1	ug/L	84				62	106	
	Di-n-butylphthalate	50	45.7	ug/L	91				64	106	
	Fluoranthene	50	42.1	ug/L	84				64	110	
	Benzidine	100	19.8	ug/L	20				10	94	
	Pyrene	50	42.3	ug/L	85				71	103	
	Butylbenzylphthalate	50	51.6	ug/L	103				61	105	
	3,3-Dichlorobenzidine	50	34.8	ug/L	70				43	108	
	Benzo(a)anthracene	50	44.2	ug/L	88				62	107	
	Chrysene	50	42.6	ug/L	85				61	108	
	bis(2-Ethylhexyl)phthalate	50	50.2	ug/L	100				59	110	
	Di-n-octyl phthalate	50	52.8	ug/L	106				67	126	
	Benzo(b)fluoranthene	50	46.6	ug/L	93				77	113	
	Benzo(k)fluoranthene	50	44.7	ug/L	89				64	113	
	Benzo(a)pyrene	50	47.9	ug/L	96				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.8	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	44.4	ug/L	89				78	115	
	Benzo(g,h,i)perylene	50	39.8	ug/L	80				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.7	ug/L	83				72	101	
	1,4-Dioxane	50	31.3	ug/L	63				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.5	ug/L	91				63	116	
	1-Methylnaphthalene	50	39	ug/L	78				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161081BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1900	ug/Kg	112				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1600	ug/Kg	94				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	640	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23200	ug/Kg	85				57	104	
	2,4-Dinitrophenol	3300	2800	ug/Kg	85				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161081BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2900	ug/Kg	85				60	106	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	650	ug/Kg	20				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				63	111	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161005TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052324

SAS No.: BF052324 SDG NO.: BF052324

Lab File ID: BF138021.D

Lab Sample ID: PB161005TB

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) water

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 11:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161005TB	PB161005TB	BF138021.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161055BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052324

SAS No.: BF052324 SDG NO.: BF052324

Lab File ID: BF138019.D

Lab Sample ID: PB161055BL

Instrument ID: BNA_F

Date Extracted: 05/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 10:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161055BS	PB161055BS	BF138020.D	05/23/2024
COMP-1	P2556-01	BF138035.D	05/23/2024
COMP-1	P2558-01	BF138036.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161075BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052324

SAS No.: BF052324 SDG NO.: BF052324

Lab File ID: BF138023.D

Lab Sample ID: PB161075BL

Instrument ID: BNA_F

Date Extracted: 05/22/2024

Matrix: (soil/water) water

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 12:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161047TB	PB161047TB	BF138024.D	05/23/2024
PB161075BS	PB161075BS	BF138022.D	05/23/2024
COMP-1	P2556-02	BF138027.D	05/23/2024
COMP-1MS	P2556-02MS	BF138028.D	05/23/2024
COMP-1MSD	P2556-02MSD	BF138029.D	05/23/2024
COMP-1	P2558-02	BF138030.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161081BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052324

SAS No.: BF052324 SDG NO.: BF052324

Lab File ID: BF138026.D

Lab Sample ID: PB161081BL

Instrument ID: BNA_F

Date Extracted: 05/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 14:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OR-02-052224	P2578-01	BF138031.D	05/23/2024
OR-02-052224MS	P2578-01MS	BF138032.D	05/23/2024
OR-02-052224MSD	P2578-01MSD	BF138033.D	05/23/2024
TR-05-052224	P2580-01	BF138034.D	05/23/2024
PB161081BS	PB161081BS	BF138025.D	05/23/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2556-02MS		Client Sample ID: COMP-1MS		DataFile: BF138028.D							
n-Nitrosodimethylamine	500	130	470	ug/L	94				10	130	
Pyridine	500		390	ug/L	78				10	109	
Benzaldehyde	500		76.5	ug/L	15				10	137	
Aniline	500		310	ug/L	62				10	130	
Phenol	500		450	ug/L	90				10	130	
bis(2-Chloroethyl)ether	500		490	ug/L	98				29	141	
2-Chlorophenol	500		490	ug/L	98				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,3-Dichlorobenzene	500		440	ug/L	88				65	106	
1,4-Dichlorobenzene	500		440	ug/L	88				55	125	
Benzyl Alcohol	500		540	ug/L	108	*			31	94	
2-Methylphenol	500		480	ug/L	96				23	132	
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98				36	141	
Acetophenone	500		480	ug/L	96				31	164	
3+4-Methylphenols	500		480	ug/L	96				17	136	
N-Nitroso-di-n-propylamine	500		500	ug/L	100				36	147	
Hexachloroethane	500		450	ug/L	90				35	137	
Nitrobenzene	500		460	ug/L	92				40	134	
Isophorone	500		490	ug/L	98				39	146	
2-Nitrophenol	500		500	ug/L	100				30	148	
2,4-Dimethylphenol	500		520	ug/L	104				17	143	
bis(2-Chloroethoxy)methane	500		490	ug/L	98				39	143	
2,4-Dichlorophenol	500		500	ug/L	100				22	146	
1,2,4-Trichlorobenzene	500		460	ug/L	92				66	110	
Benzoic acid	500		610	ug/L	96				10	101	
Naphthalene	500		460	ug/L	92				17	157	
4-Chloroaniline	500		130	ug/L	26				10	95	
Hexachlorobutadiene	500		440	ug/L	88				52	125	
Caprolactam	500		500	ug/L	100				10	130	
4-Chloro-3-methylphenol	500		500	ug/L	100				17	148	
2-Methylnaphthalene	500		480	ug/L	96				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				46	139	
2,4,5-Trichlorophenol	500		500	ug/L	100				42	129	
1,1-Biphenyl	500		490	ug/L	98				38	154	
2-Chloronaphthalene	500		470	ug/L	94				41	145	
2-Nitroaniline	500		500	ug/L	100				39	151	
Dimethylphthalate	500		520	ug/L	104				42	147	
Acenaphthylene	500		520	ug/L	104				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		310	ug/L	62				10	111	
Acenaphthene	500		510	ug/L	102				37	146	
Total PAH	8000		7540	ug/L	94				37	146	
2,4-Dinitrophenol	1000		810	ug/L	81				14	167	
4-Nitrophenol	1000		950	ug/L	95				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		510	ug/L	102				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1010	ug/L	101				40	151	
Diethylphthalate	500		520	ug/L	104				41	148	
4-Chlorophenyl-phenylether	500		490	ug/L	98				38	149	
Fluorene	500		480	ug/L	96				39	144	
4-Nitroaniline	500		470	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	500		510	ug/L	102				32	175	
N-Nitrosodiphenylamine	500		530	ug/L	106				40	150	
Azobenzene	500		500	ug/L	100				72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		500	ug/L	100				60	129	
Atrazine	500		610	ug/L	122				20	162	
Pentachlorophenol	1000		1000	ug/L	100				15	137	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500		470	ug/L	94				37	154	
Di-n-butylphthalate	500		550	ug/L	110				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000	580	0	ug/L	-58	*			10	130	
Pyrene	500		440	ug/L	88				41	149	
Butylbenzylphthalate	500		590	ug/L	118				39	155	
3,3-Dichlorobenzidine	500		400	ug/L	80				10	114	
Benzo(a)anthracene	500		520	ug/L	104				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		630	ug/L	126				33	160	
Di-n-octyl phthalate	500		770	ug/L	154				36	158	
Benzo(b)fluoranthene	500		500	ug/L	100				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		540	ug/L	108				42	147	
Indeno(1,2,3-cd)pyrene	500		390	ug/L	78				30	166	
Dibenz(a,h)anthracene	500		390	ug/L	78				23	172	
Benzo(g,h,i)perylene	500		310	ug/L	62				27	167	
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98				89	102	
1,4-Dioxane	500		380	ug/L	76				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		460	ug/L	92				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2556-02MSD		Client Sample ID: COMP-1MSD		DataFile: BF138029.D							
n-Nitrosodimethylamine	500		450	ug/L	90		4		10	130	20
Pyridine	500		380	ug/L	76		3		10	109	20
Benzaldehyde	500		98.3	ug/L	20		29	*	10	137	20
Aniline	500		200	ug/L	40		43	*	10	130	20
Phenol	500		430	ug/L	86		5		10	130	20
bis(2-Chloroethyl)ether	500		470	ug/L	94		4		29	141	20
2-Chlorophenol	500		480	ug/L	96		2		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		5		61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82		7		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		5		55	125	20
Benzyl Alcohol	500		530	ug/L	106	*	2		31	94	20
2-Methylphenol	500		470	ug/L	94		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		6		36	141	20
Acetophenone	500		460	ug/L	92		4		31	164	20
3+4-Methylphenols	500		460	ug/L	92		4		17	136	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		2		36	147	20
Hexachloroethane	500		430	ug/L	86		5		35	137	20
Nitrobenzene	500		450	ug/L	90		2		40	134	20
Isophorone	500		480	ug/L	96		2		39	146	20
2-Nitrophenol	500		490	ug/L	98		2		30	148	20
2,4-Dimethylphenol	500		520	ug/L	104		0		17	143	20
bis(2-Chloroethoxy)methane	500		480	ug/L	96		2		39	143	20
2,4-Dichlorophenol	500		490	ug/L	98		2		22	146	20
1,2,4-Trichlorobenzene	500		440	ug/L	88		4		66	110	20
Benzoic acid	500	81.7	590	ug/L	102	*	6		10	101	20
Naphthalene	500		450	ug/L	90		2		17	157	20
4-Chloroaniline	500		72.7	ug/L	15		54	*	10	95	20
Hexachlorobutadiene	500		430	ug/L	86		2		52	125	20
Caprolactam	500		500	ug/L	100		0		10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98		2		17	148	20
2-Methylnaphthalene	500		480	ug/L	96		0		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		9		20	153	20
2,4,6-Trichlorophenol	500		520	ug/L	104		0		46	139	20
2,4,5-Trichlorophenol	500		490	ug/L	98		2		42	129	20
1,1-Biphenyl	500		480	ug/L	96		2		38	154	20
2-Chloronaphthalene	500		470	ug/L	94		0		41	145	20
2-Nitroaniline	500		500	ug/L	100		0		39	151	20
Dimethylphthalate	500		510	ug/L	102		2		42	147	20
Acenaphthylene	500		520	ug/L	104		0		40	141	20
2,6-Dinitrotoluene	500		490	ug/L	98		2		43	148	20
3-Nitroaniline	500		210	ug/L	42		38	*	10	111	20
Acenaphthene	500		510	ug/L	102		0		37	146	20
Total PAH	8000		7400	ug/L	93		1		37	146	20
2,4-Dinitrophenol	1000		800	ug/L	80		1		14	167	20
4-Nitrophenol	1000		970	ug/L	97		2		10	130	20
Dibenzofuran	500		490	ug/L	98		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		510	ug/L	102		0		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1000	ug/L	100		1		40	151	20
Diethylphthalate	500		510	ug/L	102		2		41	148	20
4-Chlorophenyl-phenylether	500		490	ug/L	98		0		38	149	20
Fluorene	500		480	ug/L	96		0		39	144	20
4-Nitroaniline	500		470	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	500		480	ug/L	96		6		32	175	20
N-Nitrosodiphenylamine	500		520	ug/L	104		2		40	150	20
Azobenzene	500		500	ug/L	100		0		72	112	20
4-Bromophenyl-phenylether	500		520	ug/L	104		2		42	151	20
Hexachlorobenzene	500		490	ug/L	98		2		60	129	20
Atrazine	500		610	ug/L	122		0		20	162	20
Pentachlorophenol	1000		990	ug/L	99		1		15	137	20
Phenanthrene	500		490	ug/L	98		2		40	147	20
Anthracene	500		510	ug/L	102		2		41	146	20
Carbazole	500		470	ug/L	94		0		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		4		40	151	20
Fluoranthene	500		430	ug/L	86		2		42	146	20
Benzidine	1000		120	ug/L	12		304	*	10	130	20
Pyrene	500		470	ug/L	94		7		41	149	20
Butylbenzylphthalate	500		600	ug/L	120		2		39	155	20
3,3-Dichlorobenzidine	500		350	ug/L	70		13		10	114	20
Benzo(a)anthracene	500		500	ug/L	100		4		41	147	20
Chrysene	500		490	ug/L	98		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		590	ug/L	118		7		33	160	20
Di-n-octyl phthalate	500		710	ug/L	142		8		36	158	20
Benzo(b)fluoranthene	500		490	ug/L	98		2		40	150	20
Benzo(k)fluoranthene	500		480	ug/L	96		6		40	147	20
Benzo(a)pyrene	500		520	ug/L	104		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		380	ug/L	76		3		30	166	20
Dibenz(a,h)anthracene	500		380	ug/L	76		3		23	172	20
Benzo(g,h,i)perylene	500		300	ug/L	60		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98		0		89	102	20
1,4-Dioxane	500		370	ug/L	74		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104		0		91	111	20
1-Methylnaphthalene	500		450	ug/L	90		2		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2578-01MS		Client Sample ID: OR-02-052224MS		DataFile: BF138032.D							
n-Nitrosodimethylamine	1000		810	ug/Kg	81				66	124	
Pyridine	1000		740	ug/Kg	74				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	
Aniline	1000		480	ug/Kg	48				10	88	
Phenol	1000		930	ug/Kg	93				67	126	
bis(2-Chloroethyl)ether	1000		960	ug/Kg	96				74	116	
2-Chlorophenol	1000		950	ug/Kg	95				61	138	
1,2-Dichlorobenzene	1000		920	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1000		900	ug/Kg	90				62	101	
1,4-Dichlorobenzene	1000		920	ug/Kg	92				63	104	
Benzyl Alcohol	1000		950	ug/Kg	95				47	126	
2-Methylphenol	1000		900	ug/Kg	90				66	122	
2,2-oxybis(1-Chloropropane)	1000		990	ug/Kg	99				52	115	
Acetophenone	1000		990	ug/Kg	99				75	111	
3+4-Methylphenols	1000		900	ug/Kg	90				53	132	
N-Nitroso-di-n-propylamine	1000		1000	ug/Kg	100				59	119	
Hexachloroethane	1000		830	ug/Kg	83				65	117	
Nitrobenzene	1000		860	ug/Kg	86				70	119	
Isophorone	1000		970	ug/Kg	97				76	122	
2-Nitrophenol	1000		880	ug/Kg	88				54	145	
2,4-Dimethylphenol	1000		980	ug/Kg	98				83	144	
bis(2-Chloroethoxy)methane	1000		980	ug/Kg	98				68	112	
2,4-Dichlorophenol	1000		910	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1000		930	ug/Kg	93				57	103	
Benzoic acid	1000		0	ug/Kg	0	*			50	104	
Naphthalene	1000		940	ug/Kg	94				72	110	
4-Chloroaniline	1000		520	ug/Kg	52				10	100	
Hexachlorobutadiene	1000		880	ug/Kg	88				66	114	
Caprolactam	1000		900	ug/Kg	90				51	134	
4-Chloro-3-methylphenol	1000		860	ug/Kg	86				57	132	
2-Methylnaphthalene	1000		930	ug/Kg	93				59	123	
Hexachlorocyclopentadiene	2000		740	ug/Kg	37				10	175	
2,4,6-Trichlorophenol	1000		940	ug/Kg	94				72	117	
2,4,5-Trichlorophenol	1000		870	ug/Kg	87				72	117	
1,1-Biphenyl	1000		1000	ug/Kg	100				75	113	
2-Chloronaphthalene	1000		950	ug/Kg	95				67	118	
2-Nitroaniline	1000		920	ug/Kg	92				69	127	
Dimethylphthalate	1000		1000	ug/Kg	100				70	113	
Acenaphthylene	1000		1000	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1000		890	ug/Kg	89				70	125	
3-Nitroaniline	1000		720	ug/Kg	72				20	111	
Acenaphthene	1000		910	ug/Kg	91				70	121	
Total PAH	16000		14600	ug/Kg	91				70	121	
2,4-Dinitrophenol	2000		950	ug/Kg	48				16	160	
4-Nitrophenol	2000		1400	ug/Kg	70				45	133	
Dibenzofuran	1000		950	ug/Kg	95				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

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	2000		1730	ug/Kg	87				55	128	
2,4-Dinitrotoluene	1000		840	ug/Kg	84				55	128	
Diethylphthalate	1000		1000	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1000		920	ug/Kg	92				71	108	
Fluorene	1000		920	ug/Kg	92				68	116	
4-Nitroaniline	1000		820	ug/Kg	82				55	120	
4,6-Dinitro-2-methylphenol	1000		0	ug/Kg	0	*			32	145	
N-Nitrosodiphenylamine	1000		1100	ug/Kg	110				73	118	
Azobenzene	1000		890	ug/Kg	89				73	110	
4-Bromophenyl-phenylether	1000		1000	ug/Kg	100				65	121	
Hexachlorobenzene	1000		920	ug/Kg	92				67	118	
Atrazine	1000		1200	ug/Kg	120				79	127	
Pentachlorophenol	2000		1400	ug/Kg	70				47	128	
Phenanthrene	1000		1000	ug/Kg	100				72	113	
Anthracene	1000		980	ug/Kg	98				62	124	
Carbazole	1000		940	ug/Kg	94				59	119	
Di-n-butylphthalate	1000		1100	ug/Kg	110				69	118	
Fluoranthene	1000		990	ug/Kg	99				59	125	
Benzydine	2000		1300	ug/Kg	65				10	119	
Pyrene	1000		810	ug/Kg	81				52	128	
Butylbenzylphthalate	1000		1000	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1000		940	ug/Kg	94				10	164	
Benzo(a)anthracene	1000		1000	ug/Kg	100				71	114	
Chrysene	1000		1000	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1000		1200	ug/Kg	120				66	127	
Di-n-octyl phthalate	1000		1500	ug/Kg	150	*			71	126	
Benzo(b)fluoranthene	1000		1000	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1000		1100	ug/Kg	110				74	114	
Benzo(a)pyrene	1000		1000	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1000		680	ug/Kg	68				61	125	
Dibenz(a,h)anthracene	1000		670	ug/Kg	67				67	130	
Benzo(g,h,i)perylene	1000		600	ug/Kg	60				53	140	
1,2,4,5-Tetrachlorobenzene	1000		1000	ug/Kg	100				69	124	
1,4-Dioxane	1000		740	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1000		840	ug/Kg	84				56	133	
1-Methylnaphthalene	1000		870	ug/Kg	87				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2578-01MSD		Client Sample ID: OR-02-052224MSD		DataFile: BF138033.D							
n-Nitrosodimethylamine	1000		810	ug/Kg	81		0		66	124	20
Pyridine	1000		740	ug/Kg	74		0		45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			26	163	20
Aniline	1000		480	ug/Kg	48		0		10	88	20
Phenol	1000		910	ug/Kg	91		2		67	126	20
bis(2-Chloroethyl)ether	1000		940	ug/Kg	94		2		74	116	20
2-Chlorophenol	1000		940	ug/Kg	94		1		61	138	20
1,2-Dichlorobenzene	1000		920	ug/Kg	92		0		61	105	20
1,3-Dichlorobenzene	1000		900	ug/Kg	90		0		62	101	20
1,4-Dichlorobenzene	1000		890	ug/Kg	89		3		63	104	20
Benzyl Alcohol	1000		920	ug/Kg	92		3		47	126	20
2-Methylphenol	1000		890	ug/Kg	89		1		66	122	20
2,2-oxybis(1-Chloropropane)	1000		970	ug/Kg	97		2		52	115	20
Acetophenone	1000		990	ug/Kg	99		0		75	111	20
3+4-Methylphenols	1000		870	ug/Kg	87		3		53	132	20
N-Nitroso-di-n-propylamine	1000		930	ug/Kg	93		7		59	119	20
Hexachloroethane	1000		830	ug/Kg	83		0		65	117	20
Nitrobenzene	1000		870	ug/Kg	87		1		70	119	20
Isophorone	1000		950	ug/Kg	95		2		76	122	20
2-Nitrophenol	1000		890	ug/Kg	89		1		54	145	20
2,4-Dimethylphenol	1000		980	ug/Kg	98		0		83	144	20
bis(2-Chloroethoxy)methane	1000		980	ug/Kg	98		0		68	112	20
2,4-Dichlorophenol	1000		900	ug/Kg	90		1		72	118	20
1,2,4-Trichlorobenzene	1000		900	ug/Kg	90		3		57	103	20
Benzoic acid	1000		0	ug/Kg	0	*			50	104	20
Naphthalene	1000		920	ug/Kg	92		2		72	110	20
4-Chloroaniline	1000		540	ug/Kg	54		4		10	100	20
Hexachlorobutadiene	1000		880	ug/Kg	88		0		66	114	20
Caprolactam	1000		870	ug/Kg	87		3		51	134	20
4-Chloro-3-methylphenol	1000		840	ug/Kg	84		2		57	132	20
2-Methylnaphthalene	1000		910	ug/Kg	91		2		59	123	20
Hexachlorocyclopentadiene	2000		0	ug/Kg	0	*	200	*	10	175	20
2,4,6-Trichlorophenol	1000		930	ug/Kg	93		1		72	117	20
2,4,5-Trichlorophenol	1000		820	ug/Kg	82		6		72	117	20
1,1-Biphenyl	1000		1000	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1000		970	ug/Kg	97		2		67	118	20
2-Nitroaniline	1000		940	ug/Kg	94		2		69	127	20
Dimethylphthalate	1000		1000	ug/Kg	100		0		70	113	20
Acenaphthylene	1000		1000	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1000		880	ug/Kg	88		1		70	125	20
3-Nitroaniline	1000		770	ug/Kg	77		7		20	111	20
Acenaphthene	1000		870	ug/Kg	87		4		70	121	20
Total PAH	16000		14520	ug/Kg	91		0		70	121	20
2,4-Dinitrophenol	2000		810	ug/Kg	41		16		16	160	20
4-Nitrophenol	2000		1500	ug/Kg	75		7		45	133	20
Dibenzofuran	1000		940	ug/Kg	94		1		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052324

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	2000		1690	ug/Kg	85		2		55	128	20
2,4-Dinitrotoluene	1000		810	ug/Kg	81		4		55	128	20
Diethylphthalate	1000		1000	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1000		920	ug/Kg	92		0		71	108	20
Fluorene	1000		890	ug/Kg	89		3		68	116	20
4-Nitroaniline	1000		860	ug/Kg	86		5		55	120	20
4,6-Dinitro-2-methylphenol	1000			ug/Kg	0	*			32	145	20
N-Nitrosodiphenylamine	1000		1100	ug/Kg	110		0		73	118	20
Azobenzene	1000		880	ug/Kg	88		1		73	110	20
4-Bromophenyl-phenylether	1000		1000	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1000		880	ug/Kg	88		4		67	118	20
Atrazine	1000		1200	ug/Kg	120		0		79	127	20
Pentachlorophenol	2000		1500	ug/Kg	75		7		47	128	20
Phenanthrene	1000		990	ug/Kg	99		1		72	113	20
Anthracene	1000		1000	ug/Kg	100		2		62	124	20
Carbazole	1000		960	ug/Kg	96		2		59	119	20
Di-n-butylphthalate	1000		1100	ug/Kg	110		0		69	118	20
Fluoranthene	1000		1000	ug/Kg	100		1		59	125	20
Benzidine	2000		1600	ug/Kg	80		21	*	10	119	20
Pyrene	1000		830	ug/Kg	83		2		52	128	20
Butylbenzylphthalate	1000		1000	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1000		910	ug/Kg	91		3		10	164	20
Benzo(a)anthracene	1000		970	ug/Kg	97		3		71	114	20
Chrysene	1000		1000	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000		1200	ug/Kg	120		0		66	127	20
Di-n-octyl phthalate	1000		1400	ug/Kg	140	*	7		71	126	20
Benzo(b)fluoranthene	1000		1000	ug/Kg	100		0		67	121	20
Benzo(k)fluoranthene	1000		1000	ug/Kg	100		10		74	114	20
Benzo(a)pyrene	1000		1000	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1000		720	ug/Kg	72		6		61	125	20
Dibenz(a,h)anthracene	1000		700	ug/Kg	70		4		67	130	20
Benzo(g,h,i)perylene	1000		630	ug/Kg	63		5		53	140	20
1,2,4,5-Tetrachlorobenzene	1000		1000	ug/Kg	100		0		69	124	20
1,4-Dioxane	1000		760	ug/Kg	76		3		46	112	20
2,3,4,6-Tetrachlorophenol	1000		820	ug/Kg	82		2		56	133	20
1-Methylnaphthalene	1000		850	ug/Kg	85		2		70	130	20



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Surrogate Summary

SW-846

SDG No.: BF052324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161005TB	PB161005TB	BF138021.D	2-Fluorophenol	150	127.51	85		10	139
			Phenol-d6	150	126.89	85		10	134
			Nitrobenzene-d5	100	83.58	84		49	133
			2-Fluorobiphenyl	100	82.60	83		52	132
			2,4,6-Tribromophenol	150	135.54	90		32	145
			Terphenyl-d14	100	87.58	88		36	145

Surrogate Summary

SW-846

SDG No.: **BF052324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2556-01	COMP-1	BF138035.D	2-Fluorophenol	150	86.10	57		18	112
			Phenol-d6	150	78.68	52		15	107
			Nitrobenzene-d5	100	54.14	54		18	107
			2-Fluorobiphenyl	100	74.90	75		20	109
			2,4,6-Tribromophenol	150	63.64	42		10	110
			Terphenyl-d14	100	49.38	49		14	112
P2558-01		BF138036.D	2-Fluorophenol	150	28.82	19		18	112
			Phenol-d6	150	46.03	31		15	107
			Nitrobenzene-d5	100	26.90	27		18	107
			2-Fluorobiphenyl	100	53.69	54		20	109
			2,4,6-Tribromophenol	150	82.74	55		10	110
			Terphenyl-d14	100	79.59	80		14	112
PB161055BL	PB161055BL	BF138019.D	2-Fluorophenol	150	130.50	87		18	112
			Phenol-d6	150	130.72	87		15	107
			Nitrobenzene-d5	100	84.75	85		18	107
			2-Fluorobiphenyl	100	83.49	83		20	109
			2,4,6-Tribromophenol	150	139.27	93		10	110
			Terphenyl-d14	100	90.92	91		14	112
PB161055BS	PB161055BS	BF138020.D	2-Fluorophenol	150	115.58	77		18	112
			Phenol-d6	150	116.48	78		15	107
			Nitrobenzene-d5	100	76.78	77		18	107
			2-Fluorobiphenyl	100	75.89	76		20	109
			2,4,6-Tribromophenol	150	129.99	87		10	110
			Terphenyl-d14	100	81.27	81		14	112

Surrogate Summary

SW-846

SDG No.: **BF052324**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2556-02	COMP-1	BF138027.D	2-Fluorophenol	150	125.75	84		10	139
			Phenol-d6	150	118.65	79		10	134
			Nitrobenzene-d5	100	89.61	90		49	133
			2-Fluorobiphenyl	100	88.71	89		52	132
			2,4,6-Tribromophenol	150	151.39	101		32	145
			Terphenyl-d14	100	99.91	100		36	145
P2556-02MS	COMP-1MS	BF138028.D	2-Fluorophenol	150	127.98	85		10	139
			Phenol-d6	150	121.20	81		10	134
			Nitrobenzene-d5	100	89.47	89		49	133
			2-Fluorobiphenyl	100	90.65	91		52	132
			2,4,6-Tribromophenol	150	146.41	98		32	145
			Terphenyl-d14	100	88.14	88		36	145
P2556-02MSD	COMP-1MSD	BF138029.D	2-Fluorophenol	150	124.22	83		10	139
			Phenol-d6	150	119.61	80		10	134
			Nitrobenzene-d5	100	88.37	88		49	133
			2-Fluorobiphenyl	100	90.00	90		52	132
			2,4,6-Tribromophenol	150	146.54	98		32	145
			Terphenyl-d14	100	93.34	93		36	145
P2558-02	COMP-1	BF138030.D	2-Fluorophenol	150	120.42	80		10	139
			Phenol-d6	150	114.57	76		10	134
			Nitrobenzene-d5	100	85.05	85		49	133
			2-Fluorobiphenyl	100	86.22	86		52	132
			2,4,6-Tribromophenol	150	147.30	98		32	145
			Terphenyl-d14	100	93.14	93		36	145
PB161047TB	PB161047TB	BF138024.D	2-Fluorophenol	150	130.12	87		10	139
			Phenol-d6	150	129.45	86		10	134
			Nitrobenzene-d5	100	85.94	86		49	133
			2-Fluorobiphenyl	100	85.14	85		52	132
			2,4,6-Tribromophenol	150	137.25	91		32	145
			Terphenyl-d14	100	91.40	91		36	145
PB161075BL	PB161075BL	BF138023.D	2-Fluorophenol	150	131.52	88		10	139
			Phenol-d6	150	128.72	86		10	134
			Nitrobenzene-d5	100	86.32	86		49	133
			2-Fluorobiphenyl	100	84.83	85		52	132
			2,4,6-Tribromophenol	150	135.56	90		32	145
			Terphenyl-d14	100	91.92	92		36	145
PB161075BS	PB161075BS	BF138022.D	2-Fluorophenol	150	115.32	77		10	139
			Phenol-d6	150	116.01	77		10	134
			Nitrobenzene-d5	100	76.46	76		49	133
			2-Fluorobiphenyl	100	75.24	75		52	132
			2,4,6-Tribromophenol	150	130.96	87		32	145
			Terphenyl-d14	100	81.81	82		36	145

Surrogate Summary

SW-846

SDG No.: **BF052324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2578-01	OR-02-052224	BF138031.D	2-Fluorophenol	150	65.76	44		18	112
			Phenol-d6	150	68.25	45		15	107
			Nitrobenzene-d5	100	46.37	46		18	107
			2-Fluorobiphenyl	100	55.56	56		20	109
			2,4,6-Tribromophenol	150	55.56	37		10	110
			Terphenyl-d14	100	39.86	40		14	112
P2578-01MS	OR-02-052224MS	BF138032.D	2-Fluorophenol	150	62.53	42		18	112
			Phenol-d6	150	63.46	42		15	107
			Nitrobenzene-d5	100	42.15	42		18	107
			2-Fluorobiphenyl	100	50.38	50		20	109
			2,4,6-Tribromophenol	150	54.45	36		10	110
			Terphenyl-d14	100	36.29	36		14	112
P2578-01MSD	OR-02-052224MS	BF138033.D	2-Fluorophenol	150	61.02	41		18	112
			Phenol-d6	150	62.12	41		15	107
			Nitrobenzene-d5	100	43.22	43		18	107
			2-Fluorobiphenyl	100	50.34	50		20	109
			2,4,6-Tribromophenol	150	54.74	36		10	110
			Terphenyl-d14	100	36.89	37		14	112
P2580-01	TR-05-052224	BF138034.D	2-Fluorophenol	150	102.40	68		18	112
			Phenol-d6	150	103.04	69		15	107
			Nitrobenzene-d5	100	71.24	71		18	107
			2-Fluorobiphenyl	100	82.18	82		20	109
			2,4,6-Tribromophenol	150	78.73	52		10	110
			Terphenyl-d14	100	60.98	61		14	112
PB161081BL	PB161081BL	BF138026.D	2-Fluorophenol	150	131.74	88		18	112
			Phenol-d6	150	130.60	87		15	107
			Nitrobenzene-d5	100	85.39	85		18	107
			2-Fluorobiphenyl	100	85.26	85		20	109
			2,4,6-Tribromophenol	150	134.11	89		10	110
			Terphenyl-d14	100	92.46	92		14	112
PB161081BS	PB161081BS	BF138025.D	2-Fluorophenol	150	117.31	78		18	112
			Phenol-d6	150	116.85	78		15	107
			Nitrobenzene-d5	100	75.91	76		18	107
			2-Fluorobiphenyl	100	75.67	76		20	109
			2,4,6-Tribromophenol	150	131.15	87		10	110
			Terphenyl-d14	100	80.37	80		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052324

Lab Code: CHEM

SAS No.: BF052324

SDG NO.: BF052324

Lab File ID: BF138017.D

DFTPP Injection Date: 05/23/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.9
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	26.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BF138018.D	05/23/2024	10:17
PB161055BL	PB161055BL	BF138019.D	05/23/2024	10:48
PB161055BS	PB161055BS	BF138020.D	05/23/2024	11:21
PB161005TB	PB161005TB	BF138021.D	05/23/2024	11:51
PB161075BS	PB161075BS	BF138022.D	05/23/2024	12:21
PB161075BL	PB161075BL	BF138023.D	05/23/2024	12:51
PB161047TB	PB161047TB	BF138024.D	05/23/2024	13:21
PB161081BS	PB161081BS	BF138025.D	05/23/2024	13:51
PB161081BL	PB161081BL	BF138026.D	05/23/2024	14:20
COMP-1	P2556-02	BF138027.D	05/23/2024	14:59
COMP-1MS	P2556-02MS	BF138028.D	05/23/2024	15:30
COMP-1MSD	P2556-02MSD	BF138029.D	05/23/2024	16:00
COMP-1	P2558-02	BF138030.D	05/23/2024	16:30
OR-02-052224	P2578-01	BF138031.D	05/23/2024	17:00
OR-02-052224MS	P2578-01MS	BF138032.D	05/23/2024	17:31
OR-02-052224MSD	P2578-01MSD	BF138033.D	05/23/2024	18:01
TR-05-052224	P2580-01	BF138034.D	05/23/2024	18:31
COMP-1	P2556-01	BF138035.D	05/23/2024	19:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052324

Lab Code: CHEM

SAS No.: BF052324

SDG NO.: BF052324

Lab File ID: BF138017.D

DFTPP Injection Date: 05/23/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.9
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	26.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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
COMP-1	P2558-01	BF138036.D	05/23/2024	19:31