

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG No.: BF071024

Instrument ID: BNA_F Calibration Date/Time: 7/10/2024 1:10:51

Lab File ID: BF138493.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	0.898	0.918		2.227	
Pyridine	1.379	1.436		4.133	
2-Fluorophenol	1.263	1.271		0.633	
Benzaldehyde	0.899	0.790		-12.125	
Aniline	1.573	1.637		4.069	
Phenol-d6	1.680	1.691		0.655	
Phenol	1.783	1.817		1.907	20.0
bis(2-Chloroethyl) ether	1.343	1.351		0.596	
2-Chlorophenol	1.335	1.361		1.948	
1,2-Dichlorobenzene	1.420	1.424		0.282	
1,3-Dichlorobenzene	1.501	1.524		1.532	
1,4-Dichlorobenzene	1.524	1.528		0.262	20.0
Benzyl Alcohol	1.261	1.274		1.031	
2-Methylphenol	1.094	1.099		0.457	
2,2-oxybis(1-Chloropropane)	2.640	2.637		-0.114	
Acetophenone	0.486	0.472		-2.881	
3+4-Methylphenols	1.378	1.351		-1.959	
n-Nitroso-di-n-propylamine	1.038	1.008	0.050	-2.89	
Nitrobenzene-d5	0.407	0.401		-1.474	
Hexachloroethane	0.560	0.564		0.714	
Nitrobenzene	0.414	0.413		-0.242	
Isophorone	0.700	0.696		-0.571	
2-Nitrophenol	0.177	0.183		3.39	20.0
2,4-Dimethylphenol	0.218	0.216		-0.917	
bis(2-Chloroethoxy) methane	0.418	0.415		-0.718	
2,4-Dichlorophenol	0.283	0.284		0.353	20.0
1,2,4-Trichlorobenzene	0.330	0.327		-0.909	
Benzoic acid	0.208	0.225		8.173	
Naphthalene	1.040	1.021		-1.827	
4-Chloroaniline	0.365	0.365		0.0	
Hexachlorobutadiene	0.203	0.203		0.0	20.0
Caprolactam	0.091	0.093		2.198	
4-Chloro-3-methylphenol	0.317	0.320		0.946	20.0
2-Methylnaphthalene	0.669	0.660		-1.345	
Hexachlorocyclopentadiene	0.181	0.183	0.050	1.105	
2,4,6-Trichlorophenol	0.356	0.360		1.124	20.0
2-Fluorobiphenyl	1.280	1.226		-4.219	
2,4,5-Trichlorophenol	0.391	0.390		-0.256	
1,1-Biphenyl	1.516	1.476		-2.639	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG No.: BF071024
Instrument ID: BNA_F Calibration Date/Time: 7/10/2024 1:10:51
Lab File ID: BF138493.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	1.145	1.130		-1.31	
2-Nitroaniline	0.397	0.404		1.763	
Dimethylphthalate	1.293	1.288		-0.387	
Acenaphthylene	1.626	1.612		-0.861	
2,6-Dinitrotoluene	0.298	0.304		2.013	
3-Nitroaniline	0.305	0.314		2.951	
Acenaphthene	1.081	1.068		-1.203	20.0
2,4-Dinitrophenol	0.141	0.147	0.050	4.255	
4-Nitrophenol	0.225	0.240	0.050	6.667	
Dibenzofuran	1.567	1.546		-1.34	
2,4-Dinitrotoluene	0.385	0.408		5.974	
Diethylphthalate	1.247	1.253		0.481	
4-Chlorophenyl-phenylether	0.623	0.607		-2.568	
Fluorene	1.240	1.214		-2.097	
4-Nitroaniline	0.306	0.325		6.209	
4,6-Dinitro-2-methylphenol	0.115	0.125		8.696	
n-Nitrosodiphenylamine	0.599	0.587		-2.003	20.0
Azobenzene	1.340	1.334		-0.448	
2,4,6-Tribromophenol	0.187	0.188		0.535	
4-Bromophenyl-phenylether	0.206	0.205		-0.485	
Hexachlorobenzene	0.228	0.228		0.0	
Atrazine	0.199	0.201		1.005	
Pentachlorophenol	0.135	0.145		7.407	20.0
Phenanthrene	1.010	1.002		-0.792	
Anthracene	1.003	0.993		-0.997	
Carbazole	0.901	0.899		-0.222	
Di-n-butylphthalate	1.039	1.081		4.042	
Fluoranthene	1.031	1.050		1.843	20.0
Benzidine	0.505	0.475		-5.941	
Pyrene	2.030	1.853		-8.719	
Terphenyl-d14	1.228	1.127		-8.225	
Butylbenzylphthalate	0.611	0.662		8.347	
3,3-Dichlorobenzidine	0.346	0.323		-6.647	
Benzo(a)anthracene	1.342	1.317		-1.863	
Chrysene	1.270	1.243		-2.126	
Bis(2-ethylhexyl)phthalate	0.651	0.733		12.596	
Di-n-octyl phthalate	1.029	0.938		-8.844	20.0
Benzo(b)fluoranthene	1.126	1.198		6.394	
Benzo(k)fluoranthene	1.099	1.099		0.0	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG No.: BF071024

Instrument ID: BNA_F Calibration Date/Time: 7/10/2024 1:10:51

Lab File ID: BF138493.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	0.989		0.0	20.0
Indeno(1,2,3-cd)pyrene	1.343	1.393		3.723	
Dibenzo(a,h)anthracene	1.099	1.144		4.095	
Benzo(g,h,i)perylene	1.165	1.195		2.575	
1,2,4,5-Tetrachlorobenzene	0.557	0.551		-1.077	
1,4-Dioxane	0.559	0.569		1.789	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.315		1.942	
1-Methylnaphthalene	0.653	0.648		-0.766	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BL	SDG No.:	BF071024
Lab Sample ID:	PB161962BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138494.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

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

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BL	SDG No.:	BF071024
Lab Sample ID:	PB161962BL	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
BF138494.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

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

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BL	SDG No.:	BF071024
Lab Sample ID:	PB161962BL	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
BF138494.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

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	113.18		18-112		75	SPK: -150
13127-88-3	Phenol-d6	111.13		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	75.773		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.059		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BL	SDG No.:	BF071024
Lab Sample ID:	PB161962BL	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
BF138494.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.491		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	70.979		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122301	6.863				
1146-65-2	Naphthalene-d8	501026	8.145				
15067-26-2	Acenaphthene-d10	289457	9.898				
1517-22-2	Phenanthrene-d10	535373	11.386				
1719-03-5	Chrysene-d12	370517	14.021				
1520-96-3	Perylene-d12	291827	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	84.3	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.116	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	200	J			16.992	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BS	SDG No.:	BF071024
Lab Sample ID:	PB161493BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138495.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	48		1	8	10	ug/L
110-86-1	Pyridine	40.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10		4	8	10	ug/L
62-53-3	Aniline	41.9		1.6	4	5	ug/L
108-95-2	Phenol	48.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.8		1.4	4	5	ug/L
98-86-2	Acetophenone	44.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.7		1.5	4	5	ug/L
67-72-1	Hexachloroethane	45.8		1	4	5	ug/L
98-95-3	Nitrobenzene	44.2		1.3	4	5	ug/L
78-59-1	Isophorone	48.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	66.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.9		5.5	8	10	ug/L
91-20-3	Naphthalene	44.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	31.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BS	SDG No.:	BF071024
Lab Sample ID:	PB161493BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138495.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.1		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	48		0.81	4	5	ug/L
Total PAH	Total PAH	776.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	49.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	4	5	ug/L
86-73-7	Fluorene	47.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.3		0.89	4	5	ug/L
103-33-3	Azobenzene	48.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45		1.1	4	5	ug/L
1912-24-9	Atrazine	50		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BS	SDG No.:	BF071024
Lab Sample ID:	PB161493BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138495.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.4		0.89	4	5	ug/L
120-12-7	Anthracene	47.8		1.1	4	5	ug/L
86-74-8	Carbazole	47.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.6		1.3	4	5	ug/L
92-87-5	Benzidine	29.5		4.1	8	10	ug/L
129-00-0	Pyrene	44.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.4		0.94	4	5	ug/L
218-01-9	Chrysene	46.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	46.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.2		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.3		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	39.2		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	92.547		60-140		93	SPK: -100
13127-88-3	Phenol-d6	92.645		60-140		93	SPK: -100
4165-60-0	Nitrobenzene-d5	88.281		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.632		60-140		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	99.113		60-140		99	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BS	SDG No.:	BF071024
Lab Sample ID:	PB161493BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138495.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	99.724		60-140		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103250	6.863				
1146-65-2	Naphthalene-d8	428755	8.151				
15067-26-2	Acenaphthene-d10	231682	9.904				
1517-22-2	Phenanthrene-d10	433358	11.386				
1719-03-5	Chrysene-d12	235956	14.027				
1520-96-3	Perylene-d12	195862	15.486				
	1-Methylnaphthalene	43					

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BSD	SDG No.:	BF071024
Lab Sample ID:	PB161493BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138496.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.4		1	8	10	ug/L
110-86-1	Pyridine	40.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.8	J	4	8	10	ug/L
62-53-3	Aniline	41.8		1.6	4	5	ug/L
108-95-2	Phenol	49.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.2		1.4	4	5	ug/L
98-86-2	Acetophenone	44.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.2		1.5	4	5	ug/L
67-72-1	Hexachloroethane	46.6		1	4	5	ug/L
98-95-3	Nitrobenzene	44.4		1.3	4	5	ug/L
78-59-1	Isophorone	48.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	65.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	47.5		5.5	8	10	ug/L
91-20-3	Naphthalene	44.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	28		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BSD	SDG No.:	BF071024
Lab Sample ID:	PB161493BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138496.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.5		0.81	4	5	ug/L
Total PAH	Total PAH	781.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	51.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.4		0.98	4	5	ug/L
86-73-7	Fluorene	48.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.6		0.89	4	5	ug/L
103-33-3	Azobenzene	49.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.5		1.1	4	5	ug/L
1912-24-9	Atrazine	49.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BSD	SDG No.:	BF071024
Lab Sample ID:	PB161493BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138496.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.9		0.89	4	5	ug/L
120-12-7	Anthracene	47.6		1.1	4	5	ug/L
86-74-8	Carbazole	46.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.6		1.3	4	5	ug/L
92-87-5	Benzidine	30.7		4.1	8	10	ug/L
129-00-0	Pyrene	46.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.1		0.94	4	5	ug/L
218-01-9	Chrysene	47.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.6		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	39		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	93.796		60-140		94	SPK: -100
13127-88-3	Phenol-d6	94.042		60-140		94	SPK: -100
4165-60-0	Nitrobenzene-d5	87.554		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.611		60-140		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.732		60-140		99	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BSD	SDG No.:	BF071024
Lab Sample ID:	PB161493BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138496.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	103.026		60-140		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103416	6.863				
1146-65-2	Naphthalene-d8	434306	8.151				
15067-26-2	Acenaphthene-d10	232253	9.904				
1517-22-2	Phenanthrene-d10	440947	11.386				
1719-03-5	Chrysene-d12	228856	14.027				
1520-96-3	Perylene-d12	191780	15.486				
	1-Methylnaphthalene	43.4					

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BL	SDG No.:	BF071024
Lab Sample ID:	PB161493BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138497.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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	4	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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BL	SDG No.:	BF071024
Lab Sample ID:	PB161493BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138497.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BL	SDG No.:	BF071024
Lab Sample ID:	PB161493BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138497.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	86.059		60-140		86	SPK: -100
13127-88-3	Phenol-d6	87.74		60-140		88	SPK: -100
4165-60-0	Nitrobenzene-d5	86.127		60-140		86	SPK: -100
321-60-8	2-Fluorobiphenyl	88.611		60-140		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	82.912		60-140		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161493BL	SDG No.:	BF071024
Lab Sample ID:	PB161493BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138497.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	86.051		60-140		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98921	6.863				
1146-65-2	Naphthalene-d8	405082	8.145				
15067-26-2	Acenaphthene-d10	220340	9.898				
1517-22-2	Phenanthrene-d10	427080	11.386				
1719-03-5	Chrysene-d12	274271	14.021				
1520-96-3	Perylene-d12	202949	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	120	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	56.7	A			5.098	
000822-67-3	2-Cyclohexen-1-ol	4.2	J			5.669	
000930-68-7	2-Cyclohexen-1-one	6	J			6.116	
001561-86-0	2-Chlorocyclohexanol	6.9	J			7.016	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BS	SDG No.:	BF071024
Lab Sample ID:	PB161976BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138498.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.5		1	8	10	ug/L
110-86-1	Pyridine	40.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.3		4	8	10	ug/L
62-53-3	Aniline	40.8		1.6	4	5	ug/L
108-95-2	Phenol	48.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.7		1.4	4	5	ug/L
98-86-2	Acetophenone	44.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.2		1.5	4	5	ug/L
67-72-1	Hexachloroethane	46.7		1	4	5	ug/L
98-95-3	Nitrobenzene	44.7		1.3	4	5	ug/L
78-59-1	Isophorone	48.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	66.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	47.4		5.5	8	10	ug/L
91-20-3	Naphthalene	45.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BS	SDG No.:	BF071024
Lab Sample ID:	PB161976BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138498.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.8		0.81	4	5	ug/L
Total PAH	Total PAH	779.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	49.6		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	49.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	4	5	ug/L
86-73-7	Fluorene	47.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.6		0.89	4	5	ug/L
103-33-3	Azobenzene	48.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.4		1.1	4	5	ug/L
1912-24-9	Atrazine	49.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BS	SDG No.:	BF071024
Lab Sample ID:	PB161976BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138498.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.2		0.89	4	5	ug/L
120-12-7	Anthracene	47.7		1.1	4	5	ug/L
86-74-8	Carbazole	47.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.9		1.3	4	5	ug/L
92-87-5	Benzidine	28.7		4.1	8	10	ug/L
129-00-0	Pyrene	46.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.8		0.94	4	5	ug/L
218-01-9	Chrysene	46.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	46.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.6		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52.8		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	38.6		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	93.044		60-140		93	SPK: -100
13127-88-3	Phenol-d6	93.932		60-140		94	SPK: -100
4165-60-0	Nitrobenzene-d5	88.087		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.596		60-140		90	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.232		60-140		98	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BS	SDG No.:	BF071024
Lab Sample ID:	PB161976BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF138498.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	104.128		60-140		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102881	6.863				
1146-65-2	Naphthalene-d8	425478	8.145				
15067-26-2	Acenaphthene-d10	233496	9.904				
1517-22-2	Phenanthrene-d10	433814	11.386				
1719-03-5	Chrysene-d12	225284	14.027				
1520-96-3	Perylene-d12	188097	15.486				
	1-Methylnaphthalene	43.6					

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BSD	SDG No.:	BF071024
Lab Sample ID:	PB161976BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138499.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46		1	8	10	ug/L
110-86-1	Pyridine	40		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.5	J	4	8	10	ug/L
62-53-3	Aniline	40.3		1.6	4	5	ug/L
108-95-2	Phenol	47.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48		1.4	4	5	ug/L
98-86-2	Acetophenone	44.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.6		1.5	4	5	ug/L
67-72-1	Hexachloroethane	45.1		1	4	5	ug/L
98-95-3	Nitrobenzene	44		1.3	4	5	ug/L
78-59-1	Isophorone	48.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	48.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	66.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	47.2		5.5	8	10	ug/L
91-20-3	Naphthalene	44.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BSD	SDG No.:	BF071024
Lab Sample ID:	PB161976BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138499.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	45.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	48		0.81	4	5	ug/L
Total PAH	Total PAH	778.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	50.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.9		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.7		0.98	4	5	ug/L
86-73-7	Fluorene	47.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.5		0.89	4	5	ug/L
103-33-3	Azobenzene	48.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.9		1.1	4	5	ug/L
1912-24-9	Atrazine	49		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BSD	SDG No.:	BF071024
Lab Sample ID:	PB161976BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138499.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47		0.89	4	5	ug/L
120-12-7	Anthracene	47.8		1.1	4	5	ug/L
86-74-8	Carbazole	46.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.6		1.3	4	5	ug/L
92-87-5	Benzidine	29.5		4.1	8	10	ug/L
129-00-0	Pyrene	46.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	41.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.7		0.94	4	5	ug/L
218-01-9	Chrysene	46.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	38.6		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	91.225		60-140		91	SPK: -100
13127-88-3	Phenol-d6	91.616		60-140		92	SPK: -100
4165-60-0	Nitrobenzene-d5	87.787		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.64		60-140		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.227		60-140		98	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BSD	SDG No.:	BF071024
Lab Sample ID:	PB161976BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF138499.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	103.793		60-140		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105378	6.863				
1146-65-2	Naphthalene-d8	430636	8.151				
15067-26-2	Acenaphthene-d10	232533	9.904				
1517-22-2	Phenanthrene-d10	435588	11.386				
1719-03-5	Chrysene-d12	221800	14.027				
1520-96-3	Perylene-d12	190346	15.486				
	1-Methylnaphthalene	43					

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BL	SDG No.:	BF071024
Lab Sample ID:	PB161976BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138500.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

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	4	5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BL	SDG No.:	BF071024
Lab Sample ID:	PB161976BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138500.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

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:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BL	SDG No.:	BF071024
Lab Sample ID:	PB161976BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138500.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	85.589		60-140		86	SPK: -100
13127-88-3	Phenol-d6	86.598		60-140		87	SPK: -100
4165-60-0	Nitrobenzene-d5	86.319		60-140		86	SPK: -100
321-60-8	2-Fluorobiphenyl	89.142		60-140		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	81.383		60-140		81	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161976BL	SDG No.:	BF071024
Lab Sample ID:	PB161976BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF138500.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	89.577		60-140		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100987	6.863				
1146-65-2	Naphthalene-d8	406716	8.145				
15067-26-2	Acenaphthene-d10	221398	9.898				
1517-22-2	Phenanthrene-d10	433822	11.386				
1719-03-5	Chrysene-d12	260424	14.021				
1520-96-3	Perylene-d12	200833	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	120	J			2.275	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	56.5	A			5.104	
000822-67-3	2-Cyclohexen-1-ol	4.2	J			5.669	
000930-68-7	2-Cyclohexen-1-one	6.1	J			6.116	
001561-86-0	2-Chlorocyclohexanol	6.5	J			7.016	
	1-Methylnaphthalene		U				



Client:			Date Collected:	7/9/2024 12:00:00 AM	
Project:			Date Received:	7/9/2024 12:00:00 AM	
Client Sample ID:	PB161962BS		SDG No.:	BF071024	
Lab Sample ID:	PB161962BS		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
BF138501.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	640		180	270	330	ug/Kg
62-53-3	Aniline	890		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	740		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BS	SDG No.:	BF071024
Lab Sample ID:	PB161962BS	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
BF138501.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		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	4100	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	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	24600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	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	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BS	SDG No.:	BF071024
Lab Sample ID:	PB161962BS	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
BF138501.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		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	310	J	160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		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	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.037		18-112		83	SPK: -150
13127-88-3	Phenol-d6	124.351		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	83.23		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.557		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	PB161962BS	SDG No.:	BF071024
Lab Sample ID:	PB161962BS	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
BF138501.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.831		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	101.482		14-112		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123926	6.869				
1146-65-2	Naphthalene-d8	510666	8.151				
15067-26-2	Acenaphthene-d10	283647	9.904				
1517-22-2	Phenanthrene-d10	506108	11.392				
1719-03-5	Chrysene-d12	246148	14.027				
1520-96-3	Perylene-d12	225166	15.486				

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF071024
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138502.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF071024
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138502.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF071024
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138502.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.3	U	2.3	10.1	12.7	ug/L
85-01-8	Phenanthrene	1.1	U	1.1	5.1	6.3	ug/L
120-12-7	Anthracene	1.4	U	1.4	5.1	6.3	ug/L
86-74-8	Carbazole	1.5	U	1.5	5.1	6.3	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	5.1	6.3	ug/L
206-44-0	Fluoranthene	1.6	U	1.6	5.1	6.3	ug/L
92-87-5	Benzidine	5.2	U	5.2	10.1	12.7	ug/L
129-00-0	Pyrene	1.3	U	1.3	5.1	6.3	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	5.1	6.3	ug/L
91-94-1	3,3-Dichlorobenzidine	1.6	U	1.6	10.1	12.7	ug/L
56-55-3	Benzo(a)anthracene	1.2	U	1.2	5.1	6.3	ug/L
218-01-9	Chrysene	1.1	U	1.1	5.1	6.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.4	U	2.4	5.1	6.3	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	10.1	12.7	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	5.1	6.3	ug/L
207-08-9	Benzo(k)fluoranthene	1.5	U	1.5	5.1	6.3	ug/L
50-32-8	Benzo(a)pyrene	2.1	U	2.1	5.1	6.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	5.1	6.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.5	U	1.5	5.1	6.3	ug/L
191-24-2	Benzo(g,h,i)perylene	1.5	U	1.5	5.1	6.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	5.1	6.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	5.1	6.3	ug/L
123-91-1	1,4-Dioxane	1.6	U	1.6	5.1	6.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	30.763	*	60-140		31	SPK: -100
13127-88-3	Phenol-d6	18.199	*	60-140		18	SPK: -100
4165-60-0	Nitrobenzene-d5	70.444		60-140		70	SPK: -100
321-60-8	2-Fluorobiphenyl	74.269		60-140		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	66.726		60-140		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF071024
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138502.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	64.736		60-140		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91200	6.863				
1146-65-2	Naphthalene-d8	325424	8.145				
15067-26-2	Acenaphthene-d10	158629	9.898				
1517-22-2	Phenanthrene-d10	244744	11.386				
1719-03-5	Chrysene-d12	204425	14.027				
1520-96-3	Perylene-d12	217314	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000149-57-5	Hexanoic acid, 2-ethyl-	250	J			7.851	
000103-36-6	2-Propenoic acid, 3-phenyl-, ethyl	110	J			9.733	
000143-07-7	Dodecanoic acid	86.6	J			10.139	
000334-48-5	n-Decanoic acid	78.9	J			10.163	
036400-98-3	1-Octanol, 5,7,7-trimethyl-2-(1,3,	130	J			10.922	
000112-88-9	1-Octadecene	250	J			10.951	
1000376-26-4	2,2-Dimethyl-3-pentanol, chlorodif	170	J			10.974	
000544-63-8	Tetradecanoic acid	120	J			11.08	
000628-97-7	Hexadecanoic acid, ethyl ester	380	J			12.063	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	630	J			12.498	
000112-61-8	Methyl stearate	400	J			12.58	
000111-62-6	Ethyl Oleate	2100	J			12.81	
000111-61-5	Octadecanoic acid, ethyl ester	1500	J			12.904	
000112-10-7	Isopropyl stearate	310	J			12.963	
005561-99-9	cis-11-Eicosenoic acid	84.9	J			13.445	
018281-05-5	Eicosanoic acid, ethyl ester	140	J			13.521	
000112-79-8	9-Octadecenoic acid, (E)-	110	J			14.427	
002040-64-4	Tetradecanoic acid, dodecyl ester	150	J			14.704	
003234-85-3	Myristyl myristate	790	J			15.439	
006222-06-6	Pentafluoropropionic acid, tetra	320	J			18.333	

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF071024
Lab Sample ID:	P2886-02	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	790	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138502.D	1	6/14/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161493

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

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703078-01	SDG No.:	BF071024
Lab Sample ID:	P3189-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138503.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.1	5.2	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703078-01	SDG No.:	BF071024
Lab Sample ID:	P3189-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138503.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703078-01	SDG No.:	BF071024
Lab Sample ID:	P3189-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138503.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	43.708	*	60-140		44	SPK: -100
13127-88-3	Phenol-d6	28.219	*	60-140		28	SPK: -100
4165-60-0	Nitrobenzene-d5	78.161		60-140		78	SPK: -100
321-60-8	2-Fluorobiphenyl	81.692		60-140		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	79.494		60-140		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703078-01	SDG No.:	BF071024
Lab Sample ID:	P3189-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138503.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	80.135		60-140		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83143	6.863				
1146-65-2	Naphthalene-d8	322747	8.145				
15067-26-2	Acenaphthene-d10	170587	9.898				
1517-22-2	Phenanthrene-d10	257111	11.38				
1719-03-5	Chrysene-d12	155765	14.016				
1520-96-3	Perylene-d12	171303	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.169	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	4.7	J			2.981	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.1	A			5.075	
000770-35-4	1-Phenoxypropan-2-ol	3.7	J			8.457	
000077-93-0	Triethyl citrate	91.3	J			10.581	
	unknown10.769	2.1	J			10.769	
092552-19-7	p-Phenylhydrocinnamionitrile	2.3	J			11.539	
	unknown11.763	2.1	J			11.763	
000057-10-3	n-Hexadecanoic acid	12.9	J			11.904	
000057-11-4	Octadecanoic acid	4	J			12.692	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	21.3	J			13.522	
000296-56-0	Cycloeicosane	12.2	J			13.863	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	31.6	J			14.645	
1000406-28-6	Propyl triacontyl ether	12.6	J			16.015	
	unknown16.704	2.7	J			16.704	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702108-05	SDG No.:	BF071024
Lab Sample ID:	P3190-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	980	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
BF138504.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.1	5.1	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702108-05	SDG No.:	BF071024
Lab Sample ID:	P3190-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	980	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
BF138504.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702108-05	SDG No.:	BF071024
Lab Sample ID:	P3190-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	980	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
BF138504.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.243	*	60-140		47	SPK: -100
13127-88-3	Phenol-d6	29.704	*	60-140		30	SPK: -100
4165-60-0	Nitrobenzene-d5	76.957		60-140		77	SPK: -100
321-60-8	2-Fluorobiphenyl	81.112		60-140		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	79.956		60-140		80	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702108-05	SDG No.:	BF071024
Lab Sample ID:	P3190-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	980	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
BF138504.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	82.154		60-140		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83570	6.863				
1146-65-2	Naphthalene-d8	326414	8.145				
15067-26-2	Acenaphthene-d10	171828	9.898				
1517-22-2	Phenanthrene-d10	265632	11.38				
1719-03-5	Chrysene-d12	155203	14.015				
1520-96-3	Perylene-d12	169813	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	220	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.5	A			5.075	
001119-40-0	Pentanedioic acid, dimethyl ester	2.6	J			7.675	
000770-35-4	1-Phenoxypropan-2-ol	4.8	J			8.451	
000057-10-3	n-Hexadecanoic acid	9.7	J			11.904	
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	14.7	J			13.862	
000822-26-4	1-Docosanol, acetate	4.1	J			16.003	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703079-01	SDG No.:	BF071024
Lab Sample ID:	P3191-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138505.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.1	5.2	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703079-01	SDG No.:	BF071024
Lab Sample ID:	P3191-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138505.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703079-01	SDG No.:	BF071024
Lab Sample ID:	P3191-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138505.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	51.579	*	60-140		52	SPK: -100
13127-88-3	Phenol-d6	32.889	*	60-140		33	SPK: -100
4165-60-0	Nitrobenzene-d5	80.89		60-140		81	SPK: -100
321-60-8	2-Fluorobiphenyl	84.442		60-140		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.339		60-140		80	SPK: -100

Report of Analysis

Client:		Date Collected:	7/3/2024 12:00:00 AM
Project:		Date Received:	7/3/2024 12:00:00 AM
Client Sample ID:	240703079-01	SDG No.:	BF071024
Lab Sample ID:	P3191-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	970	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
BF138505.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	88.294		60-140		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80233	6.863				
1146-65-2	Naphthalene-d8	319005	8.145				
15067-26-2	Acenaphthene-d10	170239	9.898				
1517-22-2	Phenanthrene-d10	265515	11.38				
1719-03-5	Chrysene-d12	153752	14.015				
1520-96-3	Perylene-d12	162897	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	260	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.3	A			5.075	
000057-10-3	n-Hexadecanoic acid	2.2	J			11.904	
052132-58-8	Acetic acid, chloro-, hexadecyl es	3.6	J			13.863	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702040-01	SDG No.:	BF071024
Lab Sample ID:	P3192-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF138506.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4.2	5.2	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702040-01	SDG No.:	BF071024
Lab Sample ID:	P3192-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF138506.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702040-01	SDG No.:	BF071024
Lab Sample ID:	P3192-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF138506.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.921	*	60-140		50	SPK: -100
13127-88-3	Phenol-d6	31.596	*	60-140		32	SPK: -100
4165-60-0	Nitrobenzene-d5	79.184		60-140		79	SPK: -100
321-60-8	2-Fluorobiphenyl	80.729		60-140		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.037		60-140		80	SPK: -100

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	240702040-01	SDG No.:	BF071024
Lab Sample ID:	P3192-01	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	960	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
BF138506.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161976

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	82.78		60-140		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83739	6.863				
1146-65-2	Naphthalene-d8	331947	8.145				
15067-26-2	Acenaphthene-d10	178837	9.898				
1517-22-2	Phenanthrene-d10	267746	11.381				
1719-03-5	Chrysene-d12	154915	14.016				
1520-96-3	Perylene-d12	170636	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.7	A			5.075	
000149-57-5	Hexanoic acid, 2-ethyl-	7	J			7.534	
000770-35-4	1-Phenoxypropan-2-ol	4.5	J			8.451	
000057-10-3	n-Hexadecanoic acid	7.8	J			11.904	
000057-11-4	Octadecanoic acid	2.3	J			12.686	
000630-01-3	Hexacosane	3	J			13.533	
1000351-74-9	Octacosyl trifluoroacetate	12.1	J			13.863	
007225-64-1	Heptadecane, 9-octyl-	3.1	J			14.18	
000630-02-4	Octacosane	3.2	J			14.48	
007683-64-9	Supraene	11	J			14.863	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-1	SDG No.:	BF071024
Lab Sample ID:	P3170-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138507.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.7	U	56.7	180	220	ug/Kg
110-86-1	Pyridine	52.2	U	52.2	84.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.3	U	63.3	84.9	110	ug/Kg
108-95-2	Phenol	54.2	U	54.2	84.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.7	U	54.7	84.9	110	ug/Kg
95-57-8	2-Chlorophenol	54.5	U	54.5	84.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.3	U	55.3	84.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.2	U	56.2	84.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.5	U	56.5	84.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.2	U	54.2	180	220	ug/Kg
95-48-7	2-Methylphenol	52.7	U	52.7	84.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.4	U	59.4	84.9	110	ug/Kg
98-86-2	Acetophenone	56.8	U	56.8	84.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.1	U	52.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.3	U	26.3	52.3	52.3	ug/Kg
67-72-1	Hexachloroethane	54.2	U	54.2	84.9	110	ug/Kg
98-95-3	Nitrobenzene	59.3	U	59.3	84.9	110	ug/Kg
78-59-1	Isophorone	55.3	U	55.3	84.9	110	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	84.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.9	U	60.9	84.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56	U	56	84.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.3	U	49.3	84.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.8	U	55.8	84.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	54	U	54	84.9	110	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	84.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.4	U	54.4	84.9	110	ug/Kg



Client:			Date Collected:	7/8/2024 12:00:00 AM	
Project:			Date Received:	7/8/2024 12:00:00 AM	
Client Sample ID:	SOIL-DRUMS-1		SDG No.:	BF071024	
Lab Sample ID:	P3170-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8.3	
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
BF138507.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.7	U	56.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.6	U	50.6	84.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.9	U	53.9	84.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.6	U	46.6	84.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	48.3	84.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.1	U	57.1	84.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.4	U	54.4	84.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.1	U	62.1	84.9	110	ug/Kg
131-11-3	Dimethylphthalate	53.4	U	53.4	84.9	110	ug/Kg
208-96-8	Acenaphthylene	56.5	U	56.5	84.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.4	U	54.4	84.9	110	ug/Kg
99-09-2	3-Nitroaniline	58.3	U	58.3	84.9	110	ug/Kg
83-32-9	Acenaphthene	53	U	53	84.9	110	ug/Kg
Total PAH	Total PAH	865.7	U	865.7	84.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.8	U	75.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.1	U	55.1	84.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	110.7	U	110.7	84.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.3	U	56.3	84.9	110	ug/Kg
84-66-2	Diethylphthalate	52.3	U	52.3	84.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.9	U	55.9	84.9	110	ug/Kg
86-73-7	Fluorene	55.9	U	55.9	84.9	110	ug/Kg
100-01-6	4-Nitroaniline	69.9	U	69.9	84.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.4	U	76.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.3	U	53.3	84.9	110	ug/Kg
103-33-3	Azobenzene	52	U	52	84.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.5	U	51.5	84.9	110	ug/Kg
118-74-1	Hexachlorobenzene	55.5	U	55.5	84.9	110	ug/Kg
1912-24-9	Atrazine	59.7	U	59.7	84.9	110	ug/Kg

Report of Analysis

Client:				Date Collected:	7/8/2024 12:00:00 AM		
Project:				Date Received:	7/8/2024 12:00:00 AM		
Client Sample ID:	SOIL-DRUMS-1			SDG No.:	BF071024		
Lab Sample ID:	P3170-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.3		
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
BF138507.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.5	U	50.5	180	220	ug/Kg
85-01-8	Phenanthrene	54.9	U	54.9	84.9	110	ug/Kg
120-12-7	Anthracene	55.1	U	55.1	84.9	110	ug/Kg
86-74-8	Carbazole	52.5	U	52.5	84.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.1	U	55.1	84.9	110	ug/Kg
206-44-0	Fluoranthene	53.4	U	53.4	84.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.2	U	54.2	84.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.2	U	63.2	84.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.4	U	64.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.7	U	52.7	84.9	110	ug/Kg
218-01-9	Chrysene	51.9	U	51.9	84.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.4	U	59.4	84.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.9	U	71.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	84.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	84.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.8	U	60.8	84.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	84.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	84.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.3	U	52.3	84.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.7	U	56.7	84.9	110	ug/Kg
123-91-1	1,4-Dioxane	71.9	U	71.9	84.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.8	U	48.8	84.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.4	U	54.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.719		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.798		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	73.354		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	84.483		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-1	SDG No.:	BF071024
Lab Sample ID:	P3170-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138507.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.735		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	58.321		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83753	6.863				
1146-65-2	Naphthalene-d8	309073	8.145				
15067-26-2	Acenaphthene-d10	135563	9.904				
1517-22-2	Phenanthrene-d10	170450	11.398				
1719-03-5	Chrysene-d12	146507	14.027				
1520-96-3	Perylene-d12	170408	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.175	
004254-15-3	(S)-(+)-1,2-Propanediol	60.5	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.087	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	140	J			9.298	
	unknown9.492	52.7	J			9.492	
	unknown9.604	420	J			9.604	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	160	J			9.663	
	unknown9.763	430	J			9.763	
	unknown9.810	720	J			9.81	
	unknown9.851	220	J			9.851	
019218-94-1	Tetradecane, 1-iodo-	290	J			10.157	
	unknown10.239	150	J			10.239	
	unknown10.310	420	J			10.31	
055045-11-9	Tridecane, 5-propyl-	490	J			10.822	

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2	SDG No.:	BF071024
Lab Sample ID:	P3170-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138508.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	88.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.7	U	65.7	88.1	120	ug/Kg
108-95-2	Phenol	56.2	U	56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	56.6	U	56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.1	U	54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	88.1	120	ug/Kg
98-95-3	Nitrobenzene	61.5	U	61.5	88.1	120	ug/Kg
78-59-1	Isophorone	57.3	U	57.3	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.1	U	58.1	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.2	U	51.2	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.9	U	57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56	U	56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2	SDG No.:	BF071024
Lab Sample ID:	P3170-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138508.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.9	U	55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.1	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	60.4	U	60.4	88.1	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.1	120	ug/Kg
Total PAH	Total PAH	898	U	898	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.6	U	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	57.2	U	57.2	88.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.4	U	58.4	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.8	U	114.8	88.1	240	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	88.1	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	72.5	U	72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.3	U	79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.3	U	55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	57.6	U	57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	88.1	120	ug/Kg

Report of Analysis

Client:				Date Collected:	7/8/2024 12:00:00 AM		
Project:				Date Received:	7/8/2024 12:00:00 AM		
Client Sample ID:	SOIL-DRUMS-2			SDG No.:	BF071024		
Lab Sample ID:	P3170-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.5		
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138508.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88.1	120	ug/Kg
120-12-7	Anthracene	57.2	U	57.2	88.1	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	55.4	U	55.4	88.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.6	U	65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.8	U	66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.1	120	ug/Kg
218-01-9	Chrysene	53.9	U	53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.7	U	61.7	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.5	U	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	74.5	U	74.5	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.015		18-112		85	SPK: -150
13127-88-3	Phenol-d6	130.496		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	87.088		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.834		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2	SDG No.:	BF071024
Lab Sample ID:	P3170-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138508.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.551		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	79.677		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82651	6.863				
1146-65-2	Naphthalene-d8	332242	8.145				
15067-26-2	Acenaphthene-d10	176503	9.898				
1517-22-2	Phenanthrene-d10	262155	11.381				
1719-03-5	Chrysene-d12	153907	14.016				
1520-96-3	Perylene-d12	164095	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.181	
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.405	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	48.6	J			8.451	
	unknown9.992	57.6	J			9.992	
000057-10-3	n-Hexadecanoic acid	200	J			11.91	
000057-11-4	Octadecanoic acid	58.3	J			12.692	
1000351-75-1	Tricosyl trifluoroacetate	260	J			13.863	
006971-40-0	17-Pentatriacontene	63.7	J			16.01	

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2MS	SDG No.:	BF071024
Lab Sample ID:	P3170-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138509.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		58.8	180	220	ug/Kg
110-86-1	Pyridine	1100		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	240		120	180	220	ug/Kg
62-53-3	Aniline	980		65.6	88	120	ug/Kg
108-95-2	Phenol	1200		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	1300		56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1300		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1300		54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		61.5	88	120	ug/Kg
98-86-2	Acetophenone	1100		58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	1200		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	1200		61.5	88	120	ug/Kg
78-59-1	Isophorone	1300		57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	1300		64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	1100		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	560		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		56.4	88	120	ug/Kg



Client:			Date Collected:	7/8/2024 12:00:00 AM	
Project:			Date Received:	7/8/2024 12:00:00 AM	
Client Sample ID:	SOIL-DRUMS-2MS		SDG No.:	BF071024	
Lab Sample ID:	P3170-03MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11.5	
Sample Wt/Vol:	50.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138509.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		55.9	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	1300		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1300		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1300		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1400		58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	730		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1300		54.9	88	120	ug/Kg
Total PAH	Total PAH	19120		897.1	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		57.1	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		114.7	88	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		58.4	88	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		58	88	120	ug/Kg
86-73-7	Fluorene	1200		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	1100		72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		55.2	88	120	ug/Kg
103-33-3	Azobenzene	1200		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	1300		57.5	88	120	ug/Kg
1912-24-9	Atrazine	1300		61.9	88	120	ug/Kg



Client:			Date Collected:	7/8/2024 12:00:00 AM	
Project:			Date Received:	7/8/2024 12:00:00 AM	
Client Sample ID:	SOIL-DRUMS-2MS		SDG No.:	BF071024	
Lab Sample ID:	P3170-03MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11.5	
Sample Wt/Vol:	50.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138509.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.9	88	120	ug/Kg
120-12-7	Anthracene	1300		57.1	88	120	ug/Kg
86-74-8	Carbazole	1200		54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1400		57.1	88	120	ug/Kg
206-44-0	Fluoranthene	1100		55.3	88	120	ug/Kg
92-87-5	Benzidine	1200		110	180	220	ug/Kg
129-00-0	Pyrene	980		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.6	88	120	ug/Kg
218-01-9	Chrysene	1300		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	E	61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	1100		74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	1200		56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.12		18-112		75	SPK: -150
13127-88-3	Phenol-d6	114.076		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	78.772		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	79.341		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2MS	SDG No.:	BF071024
Lab Sample ID:	P3170-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138509.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.6		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	74.066		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91012	6.863				
1146-65-2	Naphthalene-d8	357660	8.145				
15067-26-2	Acenaphthene-d10	187239	9.904				
1517-22-2	Phenanthrene-d10	273414	11.386				
1719-03-5	Chrysene-d12	152250	14.021				
1520-96-3	Perylene-d12	184054	15.486				

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2MSD	SDG No.:	BF071024
Lab Sample ID:	P3170-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138510.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		58.7	180	220	ug/Kg
110-86-1	Pyridine	1100		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	240		120	180	220	ug/Kg
62-53-3	Aniline	950		65.6	88	120	ug/Kg
108-95-2	Phenol	1200		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		56.6	88	120	ug/Kg
95-57-8	2-Chlorophenol	1300		56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		58.5	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1300		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		54.5	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		61.5	88	120	ug/Kg
98-86-2	Acetophenone	1100		58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	1200		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	1200		61.4	88	120	ug/Kg
78-59-1	Isophorone	1300		57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	1300		64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	540		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2MSD	SDG No.:	BF071024
Lab Sample ID:	P3170-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138510.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		52.4	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		59.1	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1300		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1300		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1300		58.5	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	710		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1200		54.9	88	120	ug/Kg
Total PAH	Total PAH	18750		896.8	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		57.1	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		114.6	88	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		58.3	88	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		57.9	88	120	ug/Kg
86-73-7	Fluorene	1200		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	1000		72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		55.2	88	120	ug/Kg
103-33-3	Azobenzene	1200		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	1300		57.5	88	120	ug/Kg
1912-24-9	Atrazine	1300		61.9	88	120	ug/Kg



Client:			Date Collected:	7/8/2024 12:00:00 AM	
Project:			Date Received:	7/8/2024 12:00:00 AM	
Client Sample ID:	SOIL-DRUMS-2MSD		SDG No.:	BF071024	
Lab Sample ID:	P3170-03MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11.5	
Sample Wt/Vol:	50.09	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138510.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.8	88	120	ug/Kg
120-12-7	Anthracene	1300		57.1	88	120	ug/Kg
86-74-8	Carbazole	1100		54.3	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1400		57	88	120	ug/Kg
206-44-0	Fluoranthene	1100		55.3	88	120	ug/Kg
92-87-5	Benzidine	1200		110	180	220	ug/Kg
129-00-0	Pyrene	970		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.6	88	120	ug/Kg
218-01-9	Chrysene	1300		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800	E	61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		62.9	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	780		54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		58.7	88	120	ug/Kg
123-91-1	1,4-Dioxane	1100		74.4	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.484		18-112		74	SPK: -150
13127-88-3	Phenol-d6	113.505		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	77.146		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	77.808		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/8/2024 12:00:00 AM
Project:		Date Received:	7/8/2024 12:00:00 AM
Client Sample ID:	SOIL-DRUMS-2MSD	SDG No.:	BF071024
Lab Sample ID:	P3170-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138510.D	1	7/9/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161962

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.467		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	72.559		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93863	6.863				
1146-65-2	Naphthalene-d8	376849	8.145				
15067-26-2	Acenaphthene-d10	195868	9.904				
1517-22-2	Phenanthrene-d10	281455	11.386				
1719-03-5	Chrysene-d12	156994	14.022				
1520-96-3	Perylene-d12	194866	15.486				

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF071024
Lab Sample ID:	P3186-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138511.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161993

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

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF071024
Lab Sample ID:	P3186-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138511.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161993

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:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF071024
Lab Sample ID:	P3186-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138511.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161993

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	47.5	J	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.355		10-139		95	SPK: -150
13127-88-3	Phenol-d6	140.925		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	98.118		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	97.161		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF071024
Lab Sample ID:	P3186-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138511.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.975		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	98.393		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95992	6.863				
1146-65-2	Naphthalene-d8	390242	8.145				
15067-26-2	Acenaphthene-d10	213556	9.898				
1517-22-2	Phenanthrene-d10	341284	11.381				
1719-03-5	Chrysene-d12	181865	14.016				
1520-96-3	Perylene-d12	169836	15.48				

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-1	SDG No.:	BF071024
Lab Sample ID:	P3180-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138512.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-1	SDG No.:	BF071024
Lab Sample ID:	P3180-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138512.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-1	SDG No.:	BF071024
Lab Sample ID:	P3180-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138512.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.081		18-112		59	SPK: -150
13127-88-3	Phenol-d6	94.029		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	69.923		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	72.153		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-1	SDG No.:	BF071024
Lab Sample ID:	P3180-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138512.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.038		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	70.972		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87545	6.863				
1146-65-2	Naphthalene-d8	347416	8.145				
15067-26-2	Acenaphthene-d10	187438	9.898				
1517-22-2	Phenanthrene-d10	294402	11.38				
1719-03-5	Chrysene-d12	159955	14.015				
1520-96-3	Perylene-d12	168691	15.48				

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-2	SDG No.:	BF071024
Lab Sample ID:	P3180-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138513.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

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



Client:			Date Collected:	7/9/2024 12:00:00 AM	
Project:			Date Received:	7/9/2024 12:00:00 AM	
Client Sample ID:	CAPBANK-2		SDG No.:	BF071024	
Lab Sample ID:	P3180-02		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
BF138513.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-2	SDG No.:	BF071024
Lab Sample ID:	P3180-02	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
BF138513.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.911		18-112		51	SPK: -150
13127-88-3	Phenol-d6	82.842		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	60.282		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	63.452		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	CAPBANK-2	SDG No.:	BF071024
Lab Sample ID:	P3180-02	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
BF138513.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.415		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	59.117		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85113	6.863				
1146-65-2	Naphthalene-d8	346498	8.145				
15067-26-2	Acenaphthene-d10	184867	9.898				
1517-22-2	Phenanthrene-d10	287510	11.38				
1719-03-5	Chrysene-d12	163861	14.015				
1520-96-3	Perylene-d12	169699	15.48				

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	SG-1	SDG No.:	BF071024
Lab Sample ID:	P3182-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138514.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	SG-1	SDG No.:	BF071024
Lab Sample ID:	P3182-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138514.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	SG-1	SDG No.:	BF071024
Lab Sample ID:	P3182-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138514.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.384		18-112		53	SPK: -150
13127-88-3	Phenol-d6	81.261		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.383		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	60.173		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	SG-1	SDG No.:	BF071024
Lab Sample ID:	P3182-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138514.D	1	7/10/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.514		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	56.981		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88541	6.863				
1146-65-2	Naphthalene-d8	351894	8.145				
15067-26-2	Acenaphthene-d10	190132	9.898				
1517-22-2	Phenanthrene-d10	296968	11.38				
1719-03-5	Chrysene-d12	169138	14.016				
1520-96-3	Perylene-d12	180212	15.48				

Hit Summary Sheet SW-846

SDG No.: BF071024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WW								
P2886-02	EFF-WW	Water	1-Octadecene	*	250.000	J		
P2886-02	EFF-WW	Water	1-Octanol, 5,7,7-trimethyl-2-(1,3,	*	130.000	J		
P2886-02	EFF-WW	Water	2,2-Dimethyl-3-pentanol, chlorodi	*	170.000	J		
P2886-02	EFF-WW	Water	2-Propenoic acid, 3-phenyl-, ethyl	*	110.000	J		
P2886-02	EFF-WW	Water	9-Octadecenoic acid (Z)-, methyl	*	630.000	J		
P2886-02	EFF-WW	Water	9-Octadecenoic acid, (E)-	*	110.000	J		
P2886-02	EFF-WW	Water	cis-11-Eicosenoic acid	*	84.900	J		
P2886-02	EFF-WW	Water	Dodecanoic acid	*	86.600	J		
P2886-02	EFF-WW	Water	Eicosanoic acid, ethyl ester	*	140.000	J		
P2886-02	EFF-WW	Water	Ethyl Oleate	*	2,100.000	J		
P2886-02	EFF-WW	Water	Hexadecanoic acid, ethyl ester	*	380.000	J		
P2886-02	EFF-WW	Water	Hexanoic acid, 2-ethyl-	*	250.000	J		
P2886-02	EFF-WW	Water	Isopropyl stearate	*	310.000	J		
P2886-02	EFF-WW	Water	Methyl stearate	*	400.000	J		
P2886-02	EFF-WW	Water	Myristyl myristate	*	790.000	J		
P2886-02	EFF-WW	Water	n-Decanoic acid	*	78.900	J		
P2886-02	EFF-WW	Water	Octadecanoic acid, ethyl ester	*	1,500.000	J		
P2886-02	EFF-WW	Water	Pentafluoropropionic acid, tetrad	*	320.000	J		
P2886-02	EFF-WW	Water	Tetradecanoic acid	*	120.000	J		
P2886-02	EFF-WW	Water	Tetradecanoic acid, dodecyl ester	*	150.000	J		
Total Tics :					8,110.40			
Total Concentration:					8,110.40			
Client ID : SOIL-DRUMS-1								
P3170-01	SOIL-DRUMS-1	Solid	(S)-(+)-1,2-Propanediol	*	60.500	J		
P3170-01	SOIL-DRUMS-1	Solid	1H-Indene, octahydro-2,2,4,4,7,7-	*	160.000	J		
P3170-01	SOIL-DRUMS-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3170-01	SOIL-DRUMS-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3170-01	SOIL-DRUMS-1	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	140.000	J		
P3170-01	SOIL-DRUMS-1	Solid	Tetradecane, 1-iodo-	*	290.000	J		
P3170-01	SOIL-DRUMS-1	Solid	Tridecane, 5-propyl-	*	490.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown10.239	*	150.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown10.310	*	420.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown9.492	*	52.700	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown9.604	*	420.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown9.763	*	430.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown9.810	*	720.000	J		
P3170-01	SOIL-DRUMS-1	Solid	unknown9.851	*	220.000	J		

Hit Summary Sheet SW-846

SDG No.: BF071024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				5,493.20				
Total Concentration:				5,493.20				
Client ID :	SOIL-DRUMS-2							
P3170-03	SOIL-DRUMS-2	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J		
P3170-03	SOIL-DRUMS-2	Solid	1-Phenoxypropan-2-ol	*	48.600	J		
P3170-03	SOIL-DRUMS-2	Solid	17-Pentatriacontene	*	63.700	J		
P3170-03	SOIL-DRUMS-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P3170-03	SOIL-DRUMS-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P3170-03	SOIL-DRUMS-2	Solid	n-Hexadecanoic acid	*	200.000	J		
P3170-03	SOIL-DRUMS-2	Solid	Octadecanoic acid	*	58.300	J		
P3170-03	SOIL-DRUMS-2	Solid	Tricosyl trifluoroacetate	*	260.000	J		
P3170-03	SOIL-DRUMS-2	Solid	unknown9.992	*	57.600	J		
Total Tics :				2,788.20				
Total Concentration:				2,788.20				
Client ID :	WC-4							
P3186-04	WC-4	water	Benzidine		47.500	J	40.7	100 ug/L
Total Svoc :				47.50				
Total Concentration:				47.50				
Client ID :	240703078-01							
P3189-01	240703078-01	Water	1,3-Benzenedicarboxylic acid, bis	*	31.600	J		
P3189-01	240703078-01	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	4.700	J		
P3189-01	240703078-01	Water	1-Phenoxypropan-2-ol	*	3.700	J		
P3189-01	240703078-01	Water	2-Pentanone, 4-hydroxy-4-methyl	*	6.100	A		
P3189-01	240703078-01	Water	Butane, 2-methoxy-2-methyl-	*	230.000	J		
P3189-01	240703078-01	Water	Cycloeicosane	*	12.200	J		
P3189-01	240703078-01	Water	Ethanol, 2-butoxy-, phosphate (3:	*	21.300	J		
P3189-01	240703078-01	Water	n-Hexadecanoic acid	*	12.900	J		
P3189-01	240703078-01	Water	Octadecanoic acid	*	4.000	J		
P3189-01	240703078-01	Water	p-Phenylhydrocinnammonitrile	*	2.300	J		
P3189-01	240703078-01	Water	Propyl triacontyl ether	*	12.600	J		
P3189-01	240703078-01	Water	Triethyl citrate	*	91.300	J		
P3189-01	240703078-01	Water	unknown10.769	*	2.100	J		
P3189-01	240703078-01	Water	unknown11.763	*	2.100	J		
P3189-01	240703078-01	Water	unknown16.704	*	2.700	J		
Total Tics :				439.60				
Total Concentration:				439.60				
Client ID :	240702108-05							
P3190-01	240702108-05	Water	1-Docosanol, acetate	*	4.100	J		
P3190-01	240702108-05	Water	1-Phenoxypropan-2-ol	*	4.800	J		

Hit Summary Sheet SW-846

SDG No.: BF071024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3190-01	240702108-05	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.500	A			
P3190-01	240702108-05	Water	Butane, 2-methoxy-2-methyl-	220.000	J			
P3190-01	240702108-05	Water	Cyclohexadecane, 1,2-diethyl-	14.700	J			
P3190-01	240702108-05	Water	n-Hexadecanoic acid	9.700	J			
P3190-01	240702108-05	Water	Pentanedioic acid, dimethyl ester *	2.600	J			
Total Tics :					261.40			
Total Concentration:					261.40			
Client ID : 240703079-01								
P3191-01	240703079-01	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.300	A			
P3191-01	240703079-01	Water	Acetic acid, chloro-, hexadecyl es *	3.600	J			
P3191-01	240703079-01	Water	Butane, 2-methoxy-2-methyl-	260.000	J			
P3191-01	240703079-01	Water	n-Hexadecanoic acid	2.200	J			
Total Tics :					272.10			
Total Concentration:					272.10			
Client ID : 240702040-01								
P3192-01	240702040-01	Water	1-Phenoxypropan-2-ol *	4.500	J			
P3192-01	240702040-01	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.700	A			
P3192-01	240702040-01	Water	Butane, 2-methoxy-2-methyl-	230.000	J			
P3192-01	240702040-01	Water	Heptadecane, 9-octyl-	3.100	J			
P3192-01	240702040-01	Water	Hexacosane	3.000	J			
P3192-01	240702040-01	Water	Hexanoic acid, 2-ethyl-	7.000	J			
P3192-01	240702040-01	Water	n-Hexadecanoic acid	7.800	J			
P3192-01	240702040-01	Water	Octacosane	3.200	J			
P3192-01	240702040-01	Water	Octacosyl trifluoroacetate	12.100	J			
P3192-01	240702040-01	Water	Octadecanoic acid	2.300	J			
P3192-01	240702040-01	Water	Supraene *	11.000	J			
Total Tics :					289.70			
Total Concentration:					289.70			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.886	0.873	0.934	0.921	0.878	0.898	2.6
Pyridine		1.375	1.370	1.480	1.389	1.347	1.379	3.5
2-Fluorophenol		1.362	1.335	1.352	1.265	1.191	1.263	7.1
Benzaldehyde		0.919	0.990	1.043	0.879	0.805	0.899	12.0
Aniline		1.678	1.615	1.712	1.595	1.476	1.573	6.6
Phenol-d6		1.825	1.753	1.808	1.671	1.588	1.680	7.0
Phenol		1.947	1.887	1.901	1.770	1.673	1.783	7.2
bis(2-Chloroethyl)ether		1.415	1.360	1.406	1.350	1.297	1.343	4.4
2-Chlorophenol		1.440	1.367	1.456	1.337	1.285	1.335	7.1
1,2-Dichlorobenzene		1.565	1.518	1.521	1.419	1.334	1.420	8.4
1,3-Dichlorobenzene		1.613	1.577	1.610	1.500	1.428	1.501	6.8
1,4-Dichlorobenzene		1.663	1.580	1.631	1.536	1.446	1.524	7.1
Benzyl Alcohol		1.313	1.289	1.365	1.272	1.219	1.261	5.6
2-Methylphenol		1.157	1.118	1.171	1.099	1.046	1.094	5.4
2,2-oxybis(1-Chloropropane)		2.833	2.775	2.810	2.665	2.526	2.640	6.8
Acetophenone		0.548	0.523	0.509	0.469	0.452	0.486	8.5
3+4-Methylphenols		1.555	1.486	1.488	1.362	1.277	1.378	9.7
n-Nitroso-di-n-propylamine	1.131	1.137	1.068	1.089	1.022	0.962	1.038	7.8
Nitrobenzene-d5		0.432	0.416	0.425	0.406	0.393	0.407	4.6
Hexachloroethane		0.573	0.571	0.600	0.566	0.545	0.560	4.4
Nitrobenzene		0.433	0.421	0.432	0.415	0.403	0.414	3.8
Isophorone		0.742	0.720	0.733	0.686	0.666	0.700	4.6
2-Nitrophenol		0.170	0.168	0.187	0.180	0.178	0.177	4.0
2,4-Dimethylphenol		0.229	0.223	0.226	0.217	0.208	0.218	4.0
bis(2-Chloroethoxy)methane		0.458	0.425	0.438	0.413	0.398	0.418	5.8
2,4-Dichlorophenol		0.292	0.288	0.302	0.283	0.275	0.283	4.3
1,2,4-Trichlorobenzene		0.361	0.343	0.347	0.326	0.314	0.330	6.5
Benzoic acid		0.169	0.186	0.201	0.219	0.225	0.208	11.3
Naphthalene		1.162	1.093	1.101	1.022	0.974	1.040	7.7
4-Chloroaniline		0.388	0.369	0.382	0.356	0.352	0.365	4.3
Hexachlorobutadiene		0.221	0.210	0.214	0.200	0.195	0.203	6.0
Caprolactam		0.093	0.093	0.095	0.091	0.088	0.091	2.8
4-Chloro-3-methylphenol		0.340	0.327	0.334	0.312	0.303	0.317	5.3
2-Methylnaphthalene		0.757	0.709	0.710	0.646	0.626	0.669	8.4
Hexachlorocyclopentadiene			0.142	0.174	0.189	0.189	0.181	11.4
2,4,6-Trichlorophenol		0.376	0.358	0.365	0.353	0.347	0.356	3.5

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.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D		RRF005 = BF138483.D		RRF010 = BF138484.D		
		RRF020 = BF138485.D		RRF040 = BF138486.D		RRF050 = BF138487.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.504	1.403	1.347	1.224	1.184	1.280	11.0
2,4,5-Trichlorophenol		0.409	0.391	0.409	0.395	0.382	0.391	3.7
1,1-Biphenyl		1.691	1.598	1.602	1.476	1.433	1.516	7.6
2-Chloronaphthalene		1.264	1.200	1.178	1.127	1.092	1.145	6.3
2-Nitroaniline		0.403	0.393	0.406	0.403	0.391	0.397	1.9
Dimethylphthalate		1.391	1.360	1.336	1.275	1.238	1.293	5.3
Acenaphthylene		1.803	1.733	1.686	1.593	1.550	1.626	7.3
2,6-Dinitrotoluene		0.306	0.300	0.309	0.302	0.288	0.298	3.1
3-Nitroaniline		0.316	0.309	0.311	0.308	0.300	0.305	2.8
Acenaphthene		1.215	1.146	1.121	1.048	1.026	1.081	7.6
2,4-Dinitrophenol			0.105	0.126	0.147	0.152	0.141	15.4
4-Nitrophenol		0.215	0.221	0.228	0.231	0.228	0.225	2.9
Dibenzofuran		1.781	1.676	1.639	1.527	1.495	1.567	8.7
2,4-Dinitrotoluene		0.385	0.385	0.410	0.388	0.382	0.385	3.6
Diethylphthalate		1.360	1.321	1.301	1.227	1.189	1.247	6.5
4-Chlorophenyl-phenylether		0.721	0.673	0.662	0.600	0.578	0.623	10.1
Fluorene		1.424	1.325	1.319	1.200	1.165	1.240	9.4
4-Nitroaniline		0.309	0.310	0.314	0.305	0.305	0.306	2.5
4,6-Dinitro-2-methylphenol		0.090	0.099	0.118	0.122	0.124	0.115	13.0
n-Nitrosodiphenylamine		0.642	0.629	0.629	0.593	0.577	0.599	5.7
Azobenzene		1.478	1.407	1.410	1.312	1.281	1.340	6.9
2,4,6-Tribromophenol		0.202	0.199	0.194	0.185	0.178	0.187	6.2
4-Bromophenyl-phenylether		0.220	0.213	0.218	0.203	0.197	0.206	5.7
Hexachlorobenzene		0.251	0.239	0.239	0.223	0.218	0.228	6.4
Atrazine		0.219	0.207	0.212	0.197	0.191	0.199	7.4
Pentachlorophenol		0.116	0.124	0.142	0.138	0.143	0.135	8.1
Phenanthrene		1.136	1.090	1.058	0.985	0.954	1.010	8.4
Anthracene		1.103	1.072	1.071	0.980	0.952	1.003	7.8
Carbazole		0.995	0.983	0.968	0.880	0.854	0.901	9.0
Di-n-butylphthalate		1.138	1.092	1.109	1.020	1.000	1.039	7.3
Fluoranthene		1.203	1.149	1.114	0.996	0.961	1.031	12.3
Benzidine		0.452	0.523	0.625	0.510	0.498	0.505	14.0
Pyrene		1.980	1.956	2.061	2.100	2.024	2.030	2.9
Terphenyl-d14		1.251	1.204	1.281	1.252	1.199	1.228	3.0
Butylbenzylphthalate		0.588	0.567	0.626	0.634	0.613	0.611	4.3
3,3-Dichlorobenzidine		0.378	0.346	0.362	0.347	0.328	0.346	5.5

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.: BF070924 SAS No.: BF070924 SDG No.: BF070924
Instrument ID: _____ Calibration Date(s): 7/9/2024 1: _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF138482.D			RRF005 = BF138483.D		RRF010 = BF138484.D	
		RRF020 = BF138485.D			RRF040 = BF138486.D		RRF050 = BF138487.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.457	1.364	1.404	1.337	1.266	1.342	5.4
Chrysene		1.386	1.301	1.324	1.254	1.196	1.270	5.6
Bis(2-ethylhexyl)phthalate		0.576	0.574	0.644	0.684	0.674	0.651	8.6
Di-n-octyl phthalate			0.824	0.919	1.036	1.051	1.029	13.8
Benzo(b)fluoranthene		1.306	1.224	1.197	1.073	1.032	1.126	10.2
Benzo(k)fluoranthene		1.269	1.215	1.193	1.056	0.993	1.099	11.3
Benzo(a)pyrene		1.068	1.003	1.034	0.976	0.951	0.989	4.8
Indeno(1,2,3-cd)pyrene		1.091	1.212	1.442	1.471	1.401	1.343	10.3
Dibenzo(a,h)anthracene		0.906	0.999	1.180	1.213	1.143	1.099	9.9
Benzo(g,h,i)perylene		0.946	1.049	1.262	1.270	1.210	1.165	10.4
1,2,4,5-Tetrachlorobenzene		0.603	0.584	0.580	0.550	0.531	0.557	5.7
1,4-Dioxane		0.566	0.563	0.582	0.571	0.549	0.559	2.9
2,3,4,6-Tetrachlorophenol		0.303	0.311	0.329	0.311	0.305	0.309	3.4
1-Methylnaphthalene		0.736	0.692	0.688	0.644	0.613	0.653	8.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138486.D Time Analyzed: 11:21

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	96160	6.869	383936	8.15	215266	9.90
UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
EPA SAMPLE NO.						
01 PB161962BL	122301	6.86	501026	8.15	289457	9.90
02 PB161493BS	103250	6.86	428755	8.15	231682	9.90
03 PB161493BSD	103416	6.86	434306	8.15	232253	9.90
04 PB161493BL	98921	6.86	405082	8.15	220340	9.90
05 PB161976BS	102881	6.86	425478	8.15	233496	9.90
06 PB161976BSD	105378	6.86	430636	8.15	232533	9.90
07 PB161976BL	100987	6.86	406716	8.15	221398	9.90
08 PB161962BS	123926	6.87	510666	8.15	283647	9.90
09 EFF-WW	91200	6.86	325424	8.15	158629	9.90
10 240703078-01	83143	6.86	322747	8.15	170587	9.90
11 240702108-05	83570	6.86	326414	8.15	171828	9.90
12 240703079-01	80233	6.86	319005	8.15	170239	9.90
13 240702040-01	83739	6.86	331947	8.15	178837	9.90
14 SOIL-DRUMS-1	83753	6.86	309073	8.15	135563	9.90
15 SOIL-DRUMS-2	82651	6.86	332242	8.15	176503	9.90
16 SOIL-DRUMS-2MS	91012	6.86	357660	8.15	187239	9.90
17 SOIL-DRUMS-2MSD	93863	6.86	376849	8.15	195868	9.90
18 WC-4	95992	6.86	390242	8.15	213556	9.90
19 CAPBANK-1	87545	6.86	347416	8.15	187438	9.90
20 CAPBANK-2	85113	6.86	346498	8.15	184867	9.90
21 SG-1	88541	6.86	351894	8.15	190132	9.90



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.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138486.D Time Analyzed: 21:51

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	96160	6.869	383936	8.15	215266	9.90
UPPER LIMIT	192320	7.369	767872	8.651	430532	10.404
LOWER LIMIT	48080	6.369	191968	7.651	107633	9.404
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

EPA Sample No.: SSTDCCC040

Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BF138493.D

Time Analyzed: 11:21

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	101007	6.869	405210	8.15	229309	9.90
	UPPER LIMIT	202014	7.369	810420	8.651	458618	10.404
	LOWER LIMIT	50503.5	6.369	202605	7.651	114654.5	9.404
	EPA SAMPLE NO.						
01	PB161962BL	122301	6.86	501026	8.15	289457	9.90
02	PB161493BS	103250	6.86	428755	8.15	231682	9.90
03	PB161493BSD	103416	6.86	434306	8.15	232253	9.90
04	PB161493BL	98921	6.86	405082	8.15	220340	9.90
05	PB161976BS	102881	6.86	425478	8.15	233496	9.90
06	PB161976BSD	105378	6.86	430636	8.15	232533	9.90
07	PB161976BL	100987	6.86	406716	8.15	221398	9.90
08	PB161962BS	123926	6.87	510666	8.15	283647	9.90
09	EFF-WW	91200	6.86	325424	8.15	158629	9.90
10	240703078-01	83143	6.86	322747	8.15	170587	9.90
11	240702108-05	83570	6.86	326414	8.15	171828	9.90
12	240703079-01	80233	6.86	319005	8.15	170239	9.90
13	240702040-01	83739	6.86	331947	8.15	178837	9.90
14	SOIL-DRUMS-1	83753	6.86	309073	8.15	135563	9.90
15	SOIL-DRUMS-2	82651	6.86	332242	8.15	176503	9.90
16	SOIL-DRUMS-2MS	91012	6.86	357660	8.15	187239	9.90
17	SOIL-DRUMS-2MSD	93863	6.86	376849	8.15	195868	9.90
18	WC-4	95992	6.86	390242	8.15	213556	9.90
19	CAPBANK-1	87545	6.86	347416	8.15	187438	9.90
20	CAPBANK-2	85113	6.86	346498	8.15	184867	9.90
21	SG-1	88541	6.86	351894	8.15	190132	9.90



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.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138493.D Time Analyzed: 21:51

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	101007	6.869	405210	8.15	229309	9.90
UPPER LIMIT	202014	7.369	810420	8.651	458618	10.404
LOWER LIMIT	50503.5	6.369	202605	7.651	114654.5	9.404
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.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138486.D Time Analyzed: 11:21

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	374771	11.386	178592	14.027	166880	15.486
	UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
	LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
	EPA SAMPLE NO.						
01	PB161962BL	535373	11.39	370517 *	14.02	291827	15.49
02	PB161493BS	433358	11.39	235956	14.03	195862	15.49
03	PB161493BSD	440947	11.39	228856	14.03	191780	15.49
04	PB161493BL	427080	11.39	274271	14.02	202949	15.48
05	PB161976BS	433814	11.39	225284	14.03	188097	15.49
06	PB161976BSD	435588	11.39	221800	14.03	190346	15.49
07	PB161976BL	433822	11.39	260424	14.02	200833	15.49
08	PB161962BS	506108	11.39	246148	14.03	225166	15.49
09	EFF-WW	244744	11.39	204425	14.03	217314	15.49
10	240703078-01	257111	11.38	155765	14.02	171303	15.49
11	240702108-05	265632	11.38	155203	14.02	169813	15.48
12	240703079-01	265515	11.38	153752	14.02	162897	15.48
13	240702040-01	267746	11.38	154915	14.02	170636	15.48
14	SOIL-DRUMS-1	170450 *	11.40	146507	14.03	170408	15.49
15	SOIL-DRUMS-2	262155	11.38	153907	14.02	164095	15.48
16	SOIL-DRUMS-2MS	273414	11.39	152250	14.02	184054	15.49
17	SOIL-DRUMS-2MSD	281455	11.39	156994	14.02	194866	15.49
18	WC-4	341284	11.38	181865	14.02	169836	15.48
19	CAPBANK-1	294402	11.38	159955	14.02	168691	15.48
20	CAPBANK-2	287510	11.38	163861	14.02	169699	15.48
21	SG-1	296968	11.38	169138	14.02	180212	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138486.D Time Analyzed: 21:51

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	374771	11.386	178592	14.027	166880	15.486
UPPER LIMIT	749542	11.886	357184	14.527	333760	15.986
LOWER LIMIT	187385.5	10.886	89296	13.527	83440	14.986
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.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138493.D Time Analyzed: 11:21

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	405983	11.386	233651	14.027	176846	15.486
	UPPER LIMIT	811966	11.886	467302	14.527	353692	15.986
	LOWER LIMIT	202991.5	10.886	116825.5	13.527	88423	14.986
	EPA SAMPLE NO.						
01	PB161962BL	535373	11.39	370517	14.02	291827	15.49
02	PB161493BS	433358	11.39	235956	14.03	195862	15.49
03	PB161493BSD	440947	11.39	228856	14.03	191780	15.49
04	PB161493BL	427080	11.39	274271	14.02	202949	15.48
05	PB161976BS	433814	11.39	225284	14.03	188097	15.49
06	PB161976BSD	435588	11.39	221800	14.03	190346	15.49
07	PB161976BL	433822	11.39	260424	14.02	200833	15.49
08	PB161962BS	506108	11.39	246148	14.03	225166	15.49
09	EFF-WW	244744	11.39	204425	14.03	217314	15.49
10	240703078-01	257111	11.38	155765	14.02	171303	15.49
11	240702108-05	265632	11.38	155203	14.02	169813	15.48
12	240703079-01	265515	11.38	153752	14.02	162897	15.48
13	240702040-01	267746	11.38	154915	14.02	170636	15.48
14	SOIL-DRUMS-1	170450 *	11.40	146507	14.03	170408	15.49
15	SOIL-DRUMS-2	262155	11.38	153907	14.02	164095	15.48
16	SOIL-DRUMS-2MS	273414	11.39	152250	14.02	184054	15.49
17	SOIL-DRUMS-2MSD	281455	11.39	156994	14.02	194866	15.49
18	WC-4	341284	11.38	181865	14.02	169836	15.48
19	CAPBANK-1	294402	11.38	159955	14.02	168691	15.48
20	CAPBANK-2	287510	11.38	163861	14.02	169699	15.48
21	SG-1	296968	11.38	169138	14.02	180212	15.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071024 SAS No.: BF071024 SDG NO.: BF071024

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

Lab File ID: BF138493.D Time Analyzed: 21:51

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	405983	11.386	233651	14.027	176846	15.486
UPPER LIMIT	811966	11.886	467302	14.527	353692	15.986
LOWER LIMIT	202991.5	10.886	116825.5	13.527	88423	14.986
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.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161493BS	n-Nitrosodimethylamine	50	48	ug/L	96				52	110	
	Pyridine	50	40.4	ug/L	81				55	145	
	Benzaldehyde	50	10	ug/L	20				10	110	
	Aniline	50	41.9	ug/L	84				50	150	
	Phenol	50	48.6	ug/L	97				48	130	
	bis(2-Chloroethyl)ether	50	48	ug/L	96				52	130	
	2-Chlorophenol	50	49.6	ug/L	99				55	130	
	1,2-Dichlorobenzene	50	46.2	ug/L	92				32	129	
	1,3-Dichlorobenzene	50	44.8	ug/L	90				1	172	
	1,4-Dichlorobenzene	50	44.7	ug/L	89				20	124	
	Benzyl Alcohol	50	50.3	ug/L	101				10	156	
	2-Methylphenol	50	49.1	ug/L	98				15	153	
	2,2-oxybis(1-Chloropropane)	50	48.8	ug/L	98				63	139	
	Acetophenone	50	44.4	ug/L	89				21	128	
	3+4-Methylphenols	50	47.7	ug/L	95				10	156	
	N-Nitroso-di-n-propylamine	50	48.7	ug/L	97				59	170	
	Hexachloroethane	50	45.8	ug/L	92				55	130	
	Nitrobenzene	50	44.2	ug/L	88				54	158	
	Isophorone	50	48.5	ug/L	97				52	180	
	2-Nitrophenol	50	48.2	ug/L	96				61	163	
	2,4-Dimethylphenol	50	66.2	ug/L	132		*		58	130	
	bis(2-Chloroethoxy)methane	50	47	ug/L	94				52	164	
	2,4-Dichlorophenol	50	47.3	ug/L	95				64	130	
	1,2,4-Trichlorobenzene	50	43.7	ug/L	87				44	142	
	Benzoic acid	50	45.9	ug/L	92				10	159	
	Naphthalene	50	44.7	ug/L	89				70	130	
	4-Chloroaniline	50	31.1	ug/L	62				10	126	
	Hexachlorobutadiene	50	42.4	ug/L	85				68	130	
	Caprolactam	50	49.9	ug/L	100				10	160	
	4-Chloro-3-methylphenol	50	47.1	ug/L	94				68	130	
	2-Methylnaphthalene	50	44.9	ug/L	90				25	124	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		21	137	
	2,4,6-Trichlorophenol	50	49.1	ug/L	98				69	130	
	2,4,5-Trichlorophenol	50	47.3	ug/L	95				74	100	
	1,1-Biphenyl	50	46.1	ug/L	92				20	125	
	2-Chloronaphthalene	50	46.9	ug/L	94				70	130	
	2-Nitroaniline	50	51.1	ug/L	102				61	112	
	Dimethylphthalate	50	49.8	ug/L	100				50	130	
	Acenaphthylene	50	49.8	ug/L	100				60	130	
	2,6-Dinitrotoluene	50	48.7	ug/L	97				68	137	
	3-Nitroaniline	50	35.7	ug/L	71				35	106	
	Acenaphthene	50	48	ug/L	96				70	130	
	Total PAH	800	776.7	ug/L	97				70	130	
	2,4-Dinitrophenol	100	100	ug/L	100				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161493BS	4-Nitrophenol	100	110	ug/L	110				35	130	
	Dibenzofuran	50	48.4	ug/L	97				29	125	
	2,4-Dinitrotoluene	50	49.7	ug/L	99				53	130	
	2,4-Dinitrotoluene/2,6-Dinitro	100	98.4	ug/L	98				53	130	
	Diethylphthalate	50	50.2	ug/L	100				47	130	
	4-Chlorophenyl-phenylether	50	46.7	ug/L	93				57	145	
	Fluorene	50	47.5	ug/L	95				70	130	
	4-Nitroaniline	50	50.4	ug/L	101				69	101	
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107				56	130	
	N-Nitrosodiphenylamine	50	47.3	ug/L	95				63	100	
	Azobenzene	50	48.8	ug/L	98				58	105	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				70	130	
	Hexachlorobenzene	50	45	ug/L	90				38	142	
	Atrazine	50	50	ug/L	100				51	130	
	Pentachlorophenol	100	90.2	ug/L	90				42	152	
	Phenanthrene	50	47.4	ug/L	95				67	130	
	Anthracene	50	47.8	ug/L	96				58	130	
	Carbazole	50	47.4	ug/L	95				60	125	
	Di-n-butylphthalate	50	49	ug/L	98				52	130	
	Fluoranthene	50	47.6	ug/L	95				47	130	
	Benzidine	100	29.5	ug/L	29				10	133	
	Pyrene	50	44.9	ug/L	90				70	130	
	Butylbenzylphthalate	50	54.4	ug/L	109				43	140	
	3,3-Dichlorobenzidine	50	42.6	ug/L	85				18	213	
	Benzo(a)anthracene	50	47.4	ug/L	95				42	133	
	Chrysene	50	46.4	ug/L	93				44	140	
	bis(2-Ethylhexyl)phthalate	50	55.6	ug/L	111				43	137	
	Di-n-octyl phthalate	50	46.7	ug/L	93				21	132	
	Benzo(b)fluoranthene	50	50.6	ug/L	101				42	140	
	Benzo(k)fluoranthene	50	49.2	ug/L	98				25	146	
	Benzo(a)pyrene	50	49.6	ug/L	99				32	148	
	Indeno(1,2,3-cd)pyrene	50	52.3	ug/L	105				13	151	
	Dibenz(a,h)anthracene	50	53.1	ug/L	106				13	200	
	Benzo(g,h,i)perylene	50	50.4	ug/L	101				13	195	
	1,2,4,5-Tetrachlorobenzene	50	46.2	ug/L	92				70	130	
	2,3,4,6-Tetrachlorophenol	50	52.3	ug/L	105				70	130	
	1,4-Dioxane	50	39.2	ug/L	78				70	130	
PB161493BSD	n-Nitrosodimethylamine	50	47.4	ug/L	95	1			52	110	20
	Pyridine	50	40.4	ug/L	81	0			55	145	20
	Benzaldehyde	50	9.8	ug/L	20	2			10	110	20
	Aniline	50	41.8	ug/L	84	0			50	150	20
	Phenol	50	49.1	ug/L	98	1			48	130	20
	bis(2-Chloroethyl)ether	50	48.5	ug/L	97	1			52	130	20
	2-Chlorophenol	50	50.5	ug/L	101	2			55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161493BSD	1,2-Dichlorobenzene	50	46.7	ug/L	93	1			32	129	20
	1,3-Dichlorobenzene	50	45.4	ug/L	91	1			1	172	20
	1,4-Dichlorobenzene	50	45.1	ug/L	90	1			20	124	20
	Benzyl Alcohol	50	51.3	ug/L	103	2			10	156	20
	2-Methylphenol	50	49.6	ug/L	99	1			15	153	20
	2,2-oxybis(1-Chloropropane)	50	49.2	ug/L	98	1			63	139	20
	Acetophenone	50	44.4	ug/L	89	0			21	128	20
	3+4-Methylphenols	50	48.2	ug/L	96	1			10	156	20
	N-Nitroso-di-n-propylamine	50	49.2	ug/L	98	1			59	170	20
	Hexachloroethane	50	46.6	ug/L	93	2			55	130	20
	Nitrobenzene	50	44.4	ug/L	89	0			54	158	20
	Isophorone	50	48.3	ug/L	97	0			52	180	20
	2-Nitrophenol	50	48.9	ug/L	98	1			61	163	20
	2,4-Dimethylphenol	50	65.3	ug/L	131	1	*		58	130	20
	bis(2-Chloroethoxy)methane	50	47.1	ug/L	94	0			52	164	20
	2,4-Dichlorophenol	50	48	ug/L	96	1			64	130	20
	1,2,4-Trichlorobenzene	50	44.1	ug/L	88	1			44	142	20
	Benzoic acid	50	47.5	ug/L	95	3			10	159	20
	Naphthalene	50	44.6	ug/L	89	0			70	130	20
	4-Chloroaniline	50	28	ug/L	56	10			10	126	20
	Hexachlorobutadiene	50	42.5	ug/L	85	0			68	130	20
	Caprolactam	50	49.6	ug/L	99	1			10	160	20
	4-Chloro-3-methylphenol	50	48	ug/L	96	2			68	130	20
	2-Methylnaphthalene	50	44.7	ug/L	89	0			25	124	20
	Hexachlorocyclopentadiene	100	180	ug/L	180	6	*		21	137	20
	2,4,6-Trichlorophenol	50	49.9	ug/L	100	2			69	130	20
	2,4,5-Trichlorophenol	50	48.8	ug/L	98	3			74	100	20
	1,1-Biphenyl	50	46.5	ug/L	93	1			20	125	20
	2-Chloronaphthalene	50	47	ug/L	94	0			70	130	20
	2-Nitroaniline	50	51.7	ug/L	103	1			61	112	20
	Dimethylphthalate	50	51.1	ug/L	102	3			50	130	20
	Acenaphthylene	50	49.8	ug/L	100	0			60	130	20
	2,6-Dinitrotoluene	50	49.5	ug/L	99	2			68	137	20
	3-Nitroaniline	50	34.3	ug/L	69	4			35	106	20
	Acenaphthene	50	48.5	ug/L	97	1			70	130	20
	Total PAH	800	781.9	ug/L	98	1			70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110	10			39	173	20
	4-Nitrophenol	100	110	ug/L	110	0			35	130	20
	Dibenzofuran	50	48.6	ug/L	97	0			29	125	20
	2,4-Dinitrotoluene	50	51.3	ug/L	103	3			53	130	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	100.8	ug/L	101	2			53	130	20
	Diethylphthalate	50	50.2	ug/L	100	0			47	130	20
	4-Chlorophenyl-phenylether	50	47.4	ug/L	95	1			57	145	20
	Fluorene	50	48.3	ug/L	97	2			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161493BSD	4-Nitroaniline	50	49.5	ug/L	99	2			69	101	20
	4,6-Dinitro-2-methylphenol	50	53.6	ug/L	107	1			56	130	20
	N-Nitrosodiphenylamine	50	46.6	ug/L	93	1			63	100	20
	Azobenzene	50	49.1	ug/L	98	1			58	105	20
	4-Bromophenyl-phenylether	50	46.3	ug/L	93	1			70	130	20
	Hexachlorobenzene	50	44.5	ug/L	89	1			38	142	20
	Atrazine	50	49.4	ug/L	99	1			51	130	20
	Pentachlorophenol	100	88.8	ug/L	89	2			42	152	20
	Phenanthrene	50	46.9	ug/L	94	1			67	130	20
	Anthracene	50	47.6	ug/L	95	0			58	130	20
	Carbazole	50	46.9	ug/L	94	1			60	125	20
	Di-n-butylphthalate	50	48.5	ug/L	97	1			52	130	20
	Fluoranthene	50	46.6	ug/L	93	2			47	130	20
	Benzidine	100	30.7	ug/L	31	4			10	133	20
	Pyrene	50	46.1	ug/L	92	3			70	130	20
	Butylbenzylphthalate	50	55.8	ug/L	112	3			43	140	20
	3,3-Dichlorobenzidine	50	42.8	ug/L	86	0			18	213	20
	Benzo(a)anthracene	50	48.1	ug/L	96	1			42	133	20
	Chrysene	50	47.3	ug/L	95	2			44	140	20
	bis(2-Ethylhexyl)phthalate	50	57.3	ug/L	115	3			43	137	20
	Di-n-octyl phthalate	50	47.5	ug/L	95	2			21	132	20
	Benzo(b)fluoranthene	50	50.9	ug/L	102	1			42	140	20
	Benzo(k)fluoranthene	50	48.7	ug/L	97	1			25	146	20
	Benzo(a)pyrene	50	49.6	ug/L	99	0			32	148	20
	Indeno(1,2,3-cd)pyrene	50	53.3	ug/L	107	2			13	151	20
	Dibenz(a,h)anthracene	50	54.1	ug/L	108	2			13	200	20
	Benzo(g,h,i)perylene	50	51.5	ug/L	103	2			13	195	20
	1,2,4,5-Tetrachlorobenzene	50	46	ug/L	92	0			70	130	20
	2,3,4,6-Tetrachlorophenol	50	52.6	ug/L	105	1			70	130	20
	1,4-Dioxane	50	39	ug/L	78	1			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161962BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	640	ug/Kg	38				10	147		
	Aniline	1700	890	ug/Kg	52				38	100		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100		
	Acetophenone	1700	1400	ug/Kg	82				55	104		
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111		
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1600	ug/Kg	94				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	740	ug/Kg	44				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	4100	ug/Kg	124				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	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	990	ug/Kg	58				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	24600	ug/Kg	90				57	104		
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161962BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3000	ug/Kg	88				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	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1300	ug/Kg	76				67	113	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	310	ug/Kg	9		*		10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161976BS	n-Nitrosodimethylamine	50	46.5	ug/L	93				52	110	
	Pyridine	50	40.4	ug/L	81				55	145	
	Benzaldehyde	50	10.3	ug/L	21				10	110	
	Aniline	50	40.8	ug/L	82				50	150	
	Phenol	50	48.7	ug/L	97				48	130	
	bis(2-Chloroethyl)ether	50	48.1	ug/L	96				52	130	
	2-Chlorophenol	50	49.8	ug/L	100				55	130	
	1,2-Dichlorobenzene	50	46.3	ug/L	93				32	129	
	1,3-Dichlorobenzene	50	44.5	ug/L	89				1	172	
	1,4-Dichlorobenzene	50	44.8	ug/L	90				20	124	
	Benzyl Alcohol	50	50.9	ug/L	102				10	156	
	2-Methylphenol	50	49.5	ug/L	99				15	153	
	2,2-oxybis(1-Chloropropane)	50	48.7	ug/L	97				63	139	
	Acetophenone	50	44.6	ug/L	89				21	128	
	3+4-Methylphenols	50	47.6	ug/L	95				10	156	
	N-Nitroso-di-n-propylamine	50	48.2	ug/L	96				59	170	
	Hexachloroethane	50	46.7	ug/L	93				55	130	
	Nitrobenzene	50	44.7	ug/L	89				54	158	
	Isophorone	50	48.3	ug/L	97				52	180	
	2-Nitrophenol	50	49.3	ug/L	99				61	163	
	2,4-Dimethylphenol	50	66.8	ug/L	134		*		58	130	
	bis(2-Chloroethoxy)methane	50	47	ug/L	94				52	164	
	2,4-Dichlorophenol	50	48	ug/L	96				64	130	
	1,2,4-Trichlorobenzene	50	44.2	ug/L	88				44	142	
	Benzoic acid	50	47.4	ug/L	95				10	159	
	Naphthalene	50	45.3	ug/L	91				70	130	
	4-Chloroaniline	50	28.4	ug/L	57				10	126	
	Hexachlorobutadiene	50	42.5	ug/L	85				68	130	
	Caprolactam	50	50.2	ug/L	100				10	160	
	4-Chloro-3-methylphenol	50	47.6	ug/L	95				68	130	
	2-Methylnaphthalene	50	45.5	ug/L	91				25	124	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		21	137	
	2,4,6-Trichlorophenol	50	49.2	ug/L	98				69	130	
	2,4,5-Trichlorophenol	50	46.9	ug/L	94				74	100	
	1,1-Biphenyl	50	46.3	ug/L	93				20	125	
	2-Chloronaphthalene	50	45.7	ug/L	91				70	130	
	2-Nitroaniline	50	50.2	ug/L	100				61	112	
	Dimethylphthalate	50	50.2	ug/L	100				50	130	
	Acenaphthylene	50	49.2	ug/L	98				60	130	
	2,6-Dinitrotoluene	50	48.8	ug/L	98				68	137	
	3-Nitroaniline	50	35	ug/L	70				35	106	
	Acenaphthene	50	47.8	ug/L	96				70	130	
	Total PAH	800	779.3	ug/L	97				70	130	
	2,4-Dinitrophenol	100	100	ug/L	100				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161976BS	4-Nitrophenol	100	110	ug/L	110				35	130	
	Dibenzofuran	50	47.8	ug/L	96				29	125	
	2,4-Dinitrotoluene/2,6-Dinitro	100	98.4	ug/L	98				53	130	
	2,4-Dinitrotoluene	50	49.6	ug/L	99				53	130	
	Diethylphthalate	50	49.4	ug/L	99				47	130	
	4-Chlorophenyl-phenylether	50	47.1	ug/L	94				57	145	
	Fluorene	50	47.3	ug/L	95				70	130	
	4-Nitroaniline	50	48.9	ug/L	98				69	101	
	4,6-Dinitro-2-methylphenol	50	53.6	ug/L	107				56	130	
	N-Nitrosodiphenylamine	50	46.6	ug/L	93				63	100	
	Azobenzene	50	48.5	ug/L	97				58	105	
	4-Bromophenyl-phenylether	50	46.2	ug/L	92				70	130	
	Hexachlorobenzene	50	45.4	ug/L	91				38	142	
	Atrazine	50	49.5	ug/L	99				51	130	
	Pentachlorophenol	100	89.3	ug/L	89				42	152	
	Phenanthrene	50	47.2	ug/L	94				67	130	
	Anthracene	50	47.7	ug/L	95				58	130	
	Carbazole	50	47.1	ug/L	94				60	125	
	Di-n-butylphthalate	50	48.8	ug/L	98				52	130	
	Fluoranthene	50	46.9	ug/L	94				47	130	
	Benzidine	100	28.7	ug/L	29				10	133	
	Pyrene	50	46.5	ug/L	93				70	130	
	Butylbenzylphthalate	50	55	ug/L	110				43	140	
	3,3-Dichlorobenzidine	50	42	ug/L	84				18	213	
	Benzo(a)anthracene	50	47.8	ug/L	96				42	133	
	Chrysene	50	46.4	ug/L	93				44	140	
	bis(2-Ethylhexyl)phthalate	50	56.4	ug/L	113				43	137	
	Di-n-octyl phthalate	50	46.4	ug/L	93				21	132	
	Benzo(b)fluoranthene	50	51.1	ug/L	102				42	140	
	Benzo(k)fluoranthene	50	49	ug/L	98				25	146	
	Benzo(a)pyrene	50	49.8	ug/L	100				32	148	
	Indeno(1,2,3-cd)pyrene	50	52.9	ug/L	106				13	151	
	Dibenz(a,h)anthracene	50	53.3	ug/L	107				13	200	
	Benzo(g,h,i)perylene	50	51.1	ug/L	102				13	195	
	1,2,4,5-Tetrachlorobenzene	50	45.6	ug/L	91				70	130	
	2,3,4,6-Tetrachlorophenol	50	52.8	ug/L	106				70	130	
	1,4-Dioxane	50	38.6	ug/L	77				70	130	
PB161976BSD	n-Nitrosodimethylamine	50	46	ug/L	92	1			52	110	20
	Pyridine	50	40	ug/L	80	1			55	145	20
	Benzaldehyde	50	9.5	ug/L	19	8			10	110	20
	Aniline	50	40.3	ug/L	81	1			50	150	20
	Phenol	50	47.8	ug/L	96	2			48	130	20
	bis(2-Chloroethyl)ether	50	47.5	ug/L	95	1			52	130	20
	2-Chlorophenol	50	49	ug/L	98	2			55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161976BSD	1,2-Dichlorobenzene	50	45.5	ug/L	91	2			32	129	20
	1,3-Dichlorobenzene	50	43.6	ug/L	87	2			1	172	20
	1,4-Dichlorobenzene	50	44.2	ug/L	88	1			20	124	20
	Benzyl Alcohol	50	49.9	ug/L	100	2			10	156	20
	2-Methylphenol	50	48.7	ug/L	97	2			15	153	20
	2,2-oxybis(1-Chloropropane)	50	48	ug/L	96	1			63	139	20
	Acetophenone	50	44.9	ug/L	90	1			21	128	20
	3+4-Methylphenols	50	47	ug/L	94	1			10	156	20
	N-Nitroso-di-n-propylamine	50	47.6	ug/L	95	1			59	170	20
	Hexachloroethane	50	45.1	ug/L	90	3			55	130	20
	Nitrobenzene	50	44	ug/L	88	2			54	158	20
	Isophorone	50	48.4	ug/L	97	0			52	180	20
	2-Nitrophenol	50	48.8	ug/L	98	1			61	163	20
	2,4-Dimethylphenol	50	66.3	ug/L	133	1	*		58	130	20
	bis(2-Chloroethoxy)methane	50	47.1	ug/L	94	0			52	164	20
	2,4-Dichlorophenol	50	47.2	ug/L	94	2			64	130	20
	1,2,4-Trichlorobenzene	50	44.3	ug/L	89	0			44	142	20
	Benzoic acid	50	47.2	ug/L	94	0			10	159	20
	Naphthalene	50	44.4	ug/L	89	2			70	130	20
	4-Chloroaniline	50	27.6	ug/L	55	3			10	126	20
	Hexachlorobutadiene	50	42.5	ug/L	85	0			68	130	20
	Caprolactam	50	49.9	ug/L	100	1			10	160	20
	4-Chloro-3-methylphenol	50	47.2	ug/L	94	1			68	130	20
	2-Methylnaphthalene	50	45.7	ug/L	91	0			25	124	20
	Hexachlorocyclopentadiene	100	180	ug/L	180	6	*		21	137	20
	2,4,6-Trichlorophenol	50	49.6	ug/L	99	1			69	130	20
	2,4,5-Trichlorophenol	50	47.5	ug/L	95	1			74	100	20
	1,1-Biphenyl	50	46.3	ug/L	93	0			20	125	20
	2-Chloronaphthalene	50	46.5	ug/L	93	2			70	130	20
	2-Nitroaniline	50	50.8	ug/L	102	1			61	112	20
	Dimethylphthalate	50	50	ug/L	100	0			50	130	20
	Acenaphthylene	50	49.5	ug/L	99	1			60	130	20
	2,6-Dinitrotoluene	50	49.2	ug/L	98	1			68	137	20
	3-Nitroaniline	50	34.4	ug/L	69	2			35	106	20
	Acenaphthene	50	48	ug/L	96	0			70	130	20
	Total PAH	800	778.4	ug/L	97	0			70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110	10			39	173	20
	4-Nitrophenol	100	110	ug/L	110	0			35	130	20
	Dibenzofuran	50	48.2	ug/L	96	1			29	125	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	99.9	ug/L	100	2			53	130	20
	2,4-Dinitrotoluene	50	50.7	ug/L	101	2			53	130	20
	Diethylphthalate	50	50	ug/L	100	1			47	130	20
	4-Chlorophenyl-phenylether	50	46.7	ug/L	93	1			57	145	20
	Fluorene	50	47.5	ug/L	95	0			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161976BSD	4-Nitroaniline	50	49.1	ug/L	98	0			69	101	20
	4,6-Dinitro-2-methylphenol	50	54.2	ug/L	108	1			56	130	20
	N-Nitrosodiphenylamine	50	46.5	ug/L	93	0			63	100	20
	Azobenzene	50	48.5	ug/L	97	0			58	105	20
	4-Bromophenyl-phenylether	50	46.2	ug/L	92	0			70	130	20
	Hexachlorobenzene	50	44.9	ug/L	90	1			38	142	20
	Atrazine	50	49	ug/L	98	1			51	130	20
	Pentachlorophenol	100	88	ug/L	88	1			42	152	20
	Phenanthrene	50	47	ug/L	94	0			67	130	20
	Anthracene	50	47.8	ug/L	96	0			58	130	20
	Carbazole	50	46.3	ug/L	93	2			60	125	20
	Di-n-butylphthalate	50	48.7	ug/L	97	0			52	130	20
	Fluoranthene	50	46.6	ug/L	93	1			47	130	20
	Benzidine	100	29.5	ug/L	29	3			10	133	20
	Pyrene	50	46.9	ug/L	94	1			70	130	20
	Butylbenzylphthalate	50	54.8	ug/L	110	0			43	140	20
	3,3-Dichlorobenzidine	50	41.4	ug/L	83	1			18	213	20
	Benzo(a)anthracene	50	47.7	ug/L	95	0			42	133	20
	Chrysene	50	46.4	ug/L	93	0			44	140	20
	bis(2-Ethylhexyl)phthalate	50	56.4	ug/L	113	0			43	137	20
	Di-n-octyl phthalate	50	48.1	ug/L	96	4			21	132	20
	Benzo(b)fluoranthene	50	50.2	ug/L	100	2			42	140	20
	Benzo(k)fluoranthene	50	48.9	ug/L	98	0			25	146	20
	Benzo(a)pyrene	50	49.8	ug/L	100	0			32	148	20
	Indeno(1,2,3-cd)pyrene	50	52.7	ug/L	105	0			13	151	20
	Dibenz(a,h)anthracene	50	53.8	ug/L	108	1			13	200	20
	Benzo(g,h,i)perylene	50	51.2	ug/L	102	0			13	195	20
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92	1			70	130	20
	2,3,4,6-Tetrachlorophenol	50	53	ug/L	106	0			70	130	20
	1,4-Dioxane	50	38.6	ug/L	77	0			70	130	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161493BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071024

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138497.D

Lab Sample ID: PB161493BL

Instrument ID: BNA_F

Date Extracted: 06/14/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161493BS	PB161493BS	BF138495.D	07/10/2024
PB161493BSD	PB161493BSD	BF138496.D	07/10/2024
EFF-WW	P2886-02	BF138502.D	07/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161962BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071024

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138494.D

Lab Sample ID: PB161962BL

Instrument ID: BNA_F

Date Extracted: 07/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 11:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-DRUMS-1	P3170-01	BF138507.D	07/10/2024
SOIL-DRUMS-2	P3170-03	BF138508.D	07/10/2024
SOIL-DRUMS-2MS	P3170-03MS	BF138509.D	07/10/2024
SOIL-DRUMS-2MSD	P3170-03MSD	BF138510.D	07/10/2024
PB161962BS	PB161962BS	BF138501.D	07/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161976BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071024

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138500.D

Lab Sample ID: PB161976BL

Instrument ID: BNA_F

Date Extracted: 07/09/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 14:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
240703078-01	P3189-01	BF138503.D	07/10/2024
240702108-05	P3190-01	BF138504.D	07/10/2024
240703079-01	P3191-01	BF138505.D	07/10/2024
240702040-01	P3192-01	BF138506.D	07/10/2024
PB161976BS	PB161976BS	BF138498.D	07/10/2024
PB161976BSD	PB161976BSD	BF138499.D	07/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CAPBANK-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071024

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138512.D

Lab Sample ID: P3180-01

Instrument ID: BNA_F

Date Extracted: 07/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 20:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CAPBANK-1	P3180-01	BF138512.D	07/10/2024
CAPBANK-2	P3180-02	BF138513.D	07/10/2024
SG-1	P3182-01	BF138514.D	07/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071024

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138511.D

Lab Sample ID: P3186-04

Instrument ID: BNA_F

Date Extracted: 07/10/2024

Matrix: (soil/water) water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 20:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-4	P3186-04	BF138511.D	07/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3170-03MS		Client Sample ID: SOIL-DRUMS-2MS		DataFile: BF138509.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		240	ug/Kg	22	*			26	163	
Aniline	1100		980	ug/Kg	89	*			10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1300	ug/Kg	118	*			74	116	
2-Chlorophenol	1100		1300	ug/Kg	118				61	138	
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*			61	105	
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*			62	101	
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*			63	104	
Benzyl Alcohol	1100		1300	ug/Kg	118				47	126	
2-Methylphenol	1100		1300	ug/Kg	118				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				52	115	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109				53	132	
N-Nitroso-di-n-propylamine	1100		1300	ug/Kg	118				59	119	
Hexachloroethane	1100		1200	ug/Kg	109				65	117	
Nitrobenzene	1100		1200	ug/Kg	109				70	119	
Isophorone	1100		1300	ug/Kg	118				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				83	144	
bis(2-Chloroethoxy)methane	1100		1300	ug/Kg	118	*			68	112	
2,4-Dichlorophenol	1100		1300	ug/Kg	118				72	118	
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*			57	103	
Benzoic acid	1100		1100	ug/Kg	100				50	104	
Naphthalene	1100		1200	ug/Kg	109				72	110	
4-Chloroaniline	1100		560	ug/Kg	51				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100		1200	ug/Kg	109				59	123	
Hexachlorocyclopentadiene	2300		3800	ug/Kg	165				10	175	
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*			72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1300	ug/Kg	118				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1400	ug/Kg	127	*			79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		730	ug/Kg	66				20	111	
Acenaphthene	1100		1300	ug/Kg	118				70	121	
Total PAH	17600		19120	ug/Kg	109				70	121	
2,4-Dinitrophenol	2300		2000	ug/Kg	87				16	160	
4-Nitrophenol	2300		2100	ug/Kg	91				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2400	ug/Kg	109				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1200	ug/Kg	109				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127				32	145	
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*			73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1400	ug/Kg	127	*			65	121	
Hexachlorobenzene	1100		1300	ug/Kg	118				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2300		2300	ug/Kg	100				47	128	
Phenanthrene	1100		1300	ug/Kg	118	*			72	113	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1400	ug/Kg	127	*			69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2300		1200	ug/Kg	52				10	119	
Pyrene	1100		980	ug/Kg	89				52	128	
Butylbenzylphthalate	1100		1400	ug/Kg	127	*			64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				10	164	
Benzo(a)anthracene	1100		1300	ug/Kg	118	*			71	114	
Chrysene	1100		1300	ug/Kg	118				57	121	
bis(2-Ethylhexyl)phthalate	1100		1900	ug/Kg	173	*			66	127	
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*			71	126	
Benzo(b)fluoranthene	1100		1300	ug/Kg	118				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118	*			74	114	
Benzo(a)pyrene	1100		1400	ug/Kg	127				70	142	
Indeno(1,2,3-cd)pyrene	1100		970	ug/Kg	88				61	125	
Dibenz(a,h)anthracene	1100		970	ug/Kg	88				67	130	
Benzo(g,h,i)perylene	1100		800	ug/Kg	73				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1100	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		1200	ug/Kg	109				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3170-03MSD		Client Sample ID: SOIL-DRUMS-2MSD		DataFile: BF138510.D							
n-Nitrosodimethylamine	1100		1300	ug/Kg	118		0		66	124	20
Pyridine	1100		1100	ug/Kg	100		0		45	119	20
Benzaldehyde	1100		240	ug/Kg	22	*	0		26	163	20
Aniline	1100		950	ug/Kg	86		3		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		8		74	116	20
2-Chlorophenol	1100		1300	ug/Kg	118		0		61	138	20
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		61	105	20
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		62	101	20
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*	0		63	104	20
Benzyl Alcohol	1100		1300	ug/Kg	118		0		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		8		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		0		52	115	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109		0		53	132	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		8		59	119	20
Hexachloroethane	1100		1200	ug/Kg	109		0		65	117	20
Nitrobenzene	1100		1200	ug/Kg	109		0		70	119	20
Isophorone	1100		1300	ug/Kg	118		0		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		0		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		7		83	144	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		8		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		8		72	118	20
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*	0		57	103	20
Benzoic acid	1100		1000	ug/Kg	91		9		50	104	20
Naphthalene	1100		1200	ug/Kg	109		0		72	110	20
4-Chloroaniline	1100		540	ug/Kg	49		4		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		0		59	123	20
Hexachlorocyclopentadiene	2300		3600	ug/Kg	157		5		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	0		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		8		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	0		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		7		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		0		70	125	20
3-Nitroaniline	1100		710	ug/Kg	65		2		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		8		70	121	20
Total PAH	17600		18750	ug/Kg	107		2		70	121	20
2,4-Dinitrophenol	2300		2000	ug/Kg	87		0		16	160	20
4-Nitrophenol	2300		2100	ug/Kg	91		0		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2400	ug/Kg	109		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	0		71	108	20
Fluorene	1100		1200	ug/Kg	109		0		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127		0		32	145	20
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*	0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1400	ug/Kg	127	*	0		65	121	20
Hexachlorobenzene	1100		1300	ug/Kg	118		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2300		2300	ug/Kg	100		0		47	128	20
Phenanthrene	1100		1300	ug/Kg	118	*	0		72	113	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		9		59	119	20
Di-n-butylphthalate	1100		1400	ug/Kg	127	*	0		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		0		59	125	20
Benzydine	2300		1200	ug/Kg	52		0		10	119	20
Pyrene	1100		970	ug/Kg	88		1		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	0		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		9		10	164	20
Benzo(a)anthracene	1100		1300	ug/Kg	118	*	0		71	114	20
Chrysene	1100		1300	ug/Kg	118		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164	*	5		66	127	20
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*	0		71	126	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		0		67	121	20
Benzo(k)fluoranthene	1100		1300	ug/Kg	118	*	0		74	114	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		7		70	142	20
Indeno(1,2,3-cd)pyrene	1100		950	ug/Kg	86		2		61	125	20
Dibenz(a,h)anthracene	1100		950	ug/Kg	86		2		67	130	20
Benzo(g,h,i)perylene	1100		780	ug/Kg	71		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1100	ug/Kg	100		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		56	133	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF071024**

Client:

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2886-02	EFF-WW	BF138502.D	2-Fluorophenol	100	30.76	31	*	60	140
			Phenol-d6	100	18.20	18	*	60	140
			Nitrobenzene-d5	100	70.44	70		60	140
			2-Fluorobiphenyl	100	74.27	74		60	140
			2,4,6-Tribromophenol	100	66.73	67		60	140
			Terphenyl-d14	100	64.74	65		60	140
PB161493BL	PB161493BL	BF138497.D	2-Fluorophenol	100	86.06	86		60	140
			Phenol-d6	100	87.74	88		60	140
			Nitrobenzene-d5	100	86.13	86		60	140
			2-Fluorobiphenyl	100	88.61	89		60	140
			2,4,6-Tribromophenol	100	82.91	83		60	140
			Terphenyl-d14	100	86.05	86		60	140
PB161493BS	PB161493BS	BF138495.D	2-Fluorophenol	100	92.55	93		60	140
			Phenol-d6	100	92.65	93		60	140
			Nitrobenzene-d5	100	88.28	88		60	140
			2-Fluorobiphenyl	100	90.63	91		60	140
			2,4,6-Tribromophenol	100	99.11	99		60	140
			Terphenyl-d14	100	99.72	100		60	140
PB161493BSD	PB161493BSD	BF138496.D	2-Fluorophenol	100	93.80	94		60	140
			Phenol-d6	100	94.04	94		60	140
			Nitrobenzene-d5	100	87.55	88		60	140
			2-Fluorobiphenyl	100	90.61	91		60	140
			2,4,6-Tribromophenol	100	98.73	99		60	140
			Terphenyl-d14	100	103.03	103		60	140

Surrogate Summary

SW-846

SDG No.: **BF071024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3170-01	SOIL-DRUMS-1	BF138507.D	2-Fluorophenol	150	100.72	67		18	112
			Phenol-d6	150	98.80	66		15	107
			Nitrobenzene-d5	100	73.35	73		18	107
			2-Fluorobiphenyl	100	84.48	84		20	109
			2,4,6-Tribromophenol	150	90.74	60		10	110
			Terphenyl-d14	100	58.32	58		14	112
P3170-03	SOIL-DRUMS-2	BF138508.D	2-Fluorophenol	150	127.02	85		18	112
			Phenol-d6	150	130.50	87		15	107
			Nitrobenzene-d5	100	87.09	87		18	107
			2-Fluorobiphenyl	100	86.83	87		20	109
			2,4,6-Tribromophenol	150	123.55	82		10	110
			Terphenyl-d14	100	79.68	80		14	112
P3170-03MS	SOIL-DRUMS-2M	BF138509.D	2-Fluorophenol	150	112.12	75		18	112
			Phenol-d6	150	114.08	76		15	107
			Nitrobenzene-d5	100	78.77	79		18	107
			2-Fluorobiphenyl	100	79.34	79		20	109
			2,4,6-Tribromophenol	150	111.60	74		10	110
			Terphenyl-d14	100	74.07	74		14	112
P3170-03MSD	SOIL-DRUMS-2M	BF138510.D	2-Fluorophenol	150	110.48	74		18	112
			Phenol-d6	150	113.51	76		15	107
			Nitrobenzene-d5	100	77.15	77		18	107
			2-Fluorobiphenyl	100	77.81	78		20	109
			2,4,6-Tribromophenol	150	111.47	74		10	110
			Terphenyl-d14	100	72.56	73		14	112
PB161962BL	PB161962BL	BF138494.D	2-Fluorophenol	150	113.18	75		18	112
			Phenol-d6	150	111.13	74		15	107
			Nitrobenzene-d5	100	75.77	76		18	107
			2-Fluorobiphenyl	100	74.06	74		20	109
			2,4,6-Tribromophenol	150	113.49	76		10	110
			Terphenyl-d14	100	70.98	71		14	112
PB161962BS	PB161962BS	BF138501.D	2-Fluorophenol	150	125.04	83		18	112
			Phenol-d6	150	124.35	83		15	107
			Nitrobenzene-d5	100	83.23	83		18	107
			2-Fluorobiphenyl	100	81.56	82		20	109
			2,4,6-Tribromophenol	150	128.83	86		10	110
			Terphenyl-d14	100	101.48	101		14	112

Surrogate Summary

SW-846

SDG No.: **BF071024**

Client: _____

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3189-01	240703078-01	BF138503.D	2-Fluorophenol	100	43.71	44	*	60	140
			Phenol-d6	100	28.22	28	*	60	140
			Nitrobenzene-d5	100	78.16	78		60	140
			2-Fluorobiphenyl	100	81.69	82		60	140
			2,4,6-Tribromophenol	100	79.49	79		60	140
			Terphenyl-d14	100	80.14	80		60	140
P3190-01	240702108-05	BF138504.D	2-Fluorophenol	100	47.24	47	*	60	140
			Phenol-d6	100	29.70	30	*	60	140
			Nitrobenzene-d5	100	76.96	77		60	140
			2-Fluorobiphenyl	100	81.11	81		60	140
			2,4,6-Tribromophenol	100	79.96	80		60	140
			Terphenyl-d14	100	82.15	82		60	140
P3191-01	240703079-01	BF138505.D	2-Fluorophenol	100	51.58	52	*	60	140
			Phenol-d6	100	32.89	33	*	60	140
			Nitrobenzene-d5	100	80.89	81		60	140
			2-Fluorobiphenyl	100	84.44	84		60	140
			2,4,6-Tribromophenol	100	80.34	80		60	140
			Terphenyl-d14	100	88.29	88		60	140
P3192-01	240702040-01	BF138506.D	2-Fluorophenol	100	49.92	50	*	60	140
			Phenol-d6	100	31.60	32	*	60	140
			Nitrobenzene-d5	100	79.18	79		60	140
			2-Fluorobiphenyl	100	80.73	81		60	140
			2,4,6-Tribromophenol	100	80.04	80		60	140
			Terphenyl-d14	100	82.78	83		60	140
PB161976BL	PB161976BL	BF138500.D	2-Fluorophenol	100	85.59	86		60	140
			Phenol-d6	100	86.60	87		60	140
			Nitrobenzene-d5	100	86.32	86		60	140
			2-Fluorobiphenyl	100	89.14	89		60	140
			2,4,6-Tribromophenol	100	81.38	81		60	140
			Terphenyl-d14	100	89.58	90		60	140
PB161976BS	PB161976BS	BF138498.D	2-Fluorophenol	100	93.04	93		60	140
			Phenol-d6	100	93.93	94		60	140
			Nitrobenzene-d5	100	88.09	88		60	140
			2-Fluorobiphenyl	100	89.60	90		60	140
			2,4,6-Tribromophenol	100	98.23	98		60	140
			Terphenyl-d14	100	104.13	104		60	140
PB161976BSD	PB161976BSD	BF138499.D	2-Fluorophenol	100	91.23	91		60	140
			Phenol-d6	100	91.62	92		60	140
			Nitrobenzene-d5	100	87.79	88		60	140
			2-Fluorobiphenyl	100	90.64	91		60	140
			2,4,6-Tribromophenol	100	98.23	98		60	140
			Terphenyl-d14	100	103.79	104		60	140

Surrogate Summary

SW-846

SDG No.: **BF071024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3180-01	CAPBANK-1	BF138512.D	2-Fluorophenol	150	88.08	59		18	112
			Phenol-d6	150	94.03	63		15	107
			Nitrobenzene-d5	100	69.92	70		18	107
			2-Fluorobiphenyl	100	72.15	72		20	109
			2,4,6-Tribromophenol	150	76.04	51		10	110
			Terphenyl-d14	100	70.97	71		14	112
P3180-02	CAPBANK-2	BF138513.D	2-Fluorophenol	150	76.91	51		18	112
			Phenol-d6	150	82.84	55		15	107
			Nitrobenzene-d5	100	60.28	60		18	107
			2-Fluorobiphenyl	100	63.45	63		20	109
			2,4,6-Tribromophenol	150	65.42	44		10	110
			Terphenyl-d14	100	59.12	59		14	112
P3182-01	SG-1	BF138514.D	2-Fluorophenol	150	79.38	53		18	112
			Phenol-d6	150	81.26	54		15	107
			Nitrobenzene-d5	100	56.38	56		18	107
			2-Fluorobiphenyl	100	60.17	60		20	109
			2,4,6-Tribromophenol	150	72.51	48		10	110
			Terphenyl-d14	100	56.98	57		14	112



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

Surrogate Summary

SW-846

SDG No.: BF071024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3186-04	WC-4	BF138511.D	2-Fluorophenol	150	142.36	95		10	139
			Phenol-d6	150	140.93	94		10	134
			Nitrobenzene-d5	100	98.12	98		49	133
			2-Fluorobiphenyl	100	97.16	97		52	132
			2,4,6-Tribromophenol	150	140.98	94		32	145
			Terphenyl-d14	100	98.39	98		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071024

Lab Code: CHEM

SAS No.: BF071024 SDG NO.: BF071024

Lab File ID: BF138492.D

DFTPP Injection Date: 07/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46
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	6.5
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	89.1
443	15.0 - 24.0% of mass 442	16.8 (18.9) 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	BF138493.D	07/10/2024	10:51
PB161962BL	PB161962BL	BF138494.D	07/10/2024	11:21
PB161493BS	PB161493BS	BF138495.D	07/10/2024	11:52
PB161493BSD	PB161493BSD	BF138496.D	07/10/2024	12:23
PB161493BL	PB161493BL	BF138497.D	07/10/2024	12:54
PB161976BS	PB161976BS	BF138498.D	07/10/2024	13:26
PB161976BSD	PB161976BSD	BF138499.D	07/10/2024	13:58
PB161976BL	PB161976BL	BF138500.D	07/10/2024	14:29
PB161962BS	PB161962BS	BF138501.D	07/10/2024	15:00
EFF-WW	P2886-02	BF138502.D	07/10/2024	15:36
240703078-01	P3189-01	BF138503.D	07/10/2024	16:08
240702108-05	P3190-01	BF138504.D	07/10/2024	16:39
240703079-01	P3191-01	BF138505.D	07/10/2024	17:11
240702040-01	P3192-01	BF138506.D	07/10/2024	17:43
SOIL-DRUMS-1	P3170-01	BF138507.D	07/10/2024	18:14
SOIL-DRUMS-2	P3170-03	BF138508.D	07/10/2024	18:45
SOIL-DRUMS-2MS	P3170-03MS	BF138509.D	07/10/2024	19:17
SOIL-DRUMS-2MSD	P3170-03MSD	BF138510.D	07/10/2024	19:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071024

Lab Code: CHEM

SAS No.: BF071024

SDG NO.: BF071024

Lab File ID: BF138492.D

DFTPP Injection Date: 07/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.6
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46
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	6.5
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	89.1
443	15.0 - 24.0% of mass 442	16.8 (18.9) 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
WC-4	P3186-04	BF138511.D	07/10/2024	20:19
CAPBANK-1	P3180-01	BF138512.D	07/10/2024	20:50
CAPBANK-2	P3180-02	BF138513.D	07/10/2024	21:20
SG-1	P3182-01	BF138514.D	07/10/2024	21:51