

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF071124 SAS No.: BF071124 SDG No.: BF071124

Instrument ID: BNA_F Calibration Date/Time: 7/11/2024 11:27

Lab File ID: BF138516.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	0.911		1.448	
Pyridine	1.379	1.435		4.061	
2-Fluorophenol	1.263	1.254		-0.713	
Benzaldehyde	0.899	0.767		-14.683	
Aniline	1.573	1.594		1.335	
Phenol-d6	1.680	1.668		-0.714	
Phenol	1.783	1.789		0.337	20.0
bis(2-Chloroethyl) ether	1.343	1.341		-0.149	
2-Chlorophenol	1.335	1.343		0.599	
1,2-Dichlorobenzene	1.420	1.398		-1.549	
1,3-Dichlorobenzene	1.501	1.496		-0.333	
1,4-Dichlorobenzene	1.524	1.505		-1.247	20.0
Benzyl Alcohol	1.261	1.237		-1.903	
2-Methylphenol	1.094	1.081		-1.188	
2,2-oxybis(1-Chloropropane)	2.640	2.539		-3.826	
Acetophenone	0.486	0.471		-3.086	
3+4-Methylphenols	1.378	1.346		-2.322	
n-Nitroso-di-n-propylamine	1.038	0.994	0.050	-4.239	
Nitrobenzene-d5	0.407	0.401		-1.474	
Hexachloroethane	0.560	0.566		1.071	
Nitrobenzene	0.414	0.412		-0.483	
Isophorone	0.700	0.691		-1.286	
2-Nitrophenol	0.177	0.185		4.52	20.0
2,4-Dimethylphenol	0.218	0.216		-0.917	
bis(2-Chloroethoxy) methane	0.418	0.409		-2.153	
2,4-Dichlorophenol	0.283	0.282		-0.353	20.0
1,2,4-Trichlorobenzene	0.330	0.326		-1.212	
Benzoic acid	0.208	0.225		8.173	
Naphthalene	1.040	1.021		-1.827	
4-Chloroaniline	0.365	0.351		-3.836	
Hexachlorobutadiene	0.203	0.203		0.0	20.0
Caprolactam	0.091	0.092		1.099	
4-Chloro-3-methylphenol	0.317	0.315		-0.631	20.0
2-Methylnaphthalene	0.669	0.655		-2.093	
Hexachlorocyclopentadiene	0.181	0.181	0.050	0.0	
2,4,6-Trichlorophenol	0.356	0.353		-0.843	20.0
2-Fluorobiphenyl	1.280	1.228		-4.063	
2,4,5-Trichlorophenol	0.391	0.392		0.256	
1,1-Biphenyl	1.516	1.473		-2.836	

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Lab File ID: BF138516.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	1.113		-2.795	
2-Nitroaniline	0.397	0.397		0.0	
Dimethylphthalate	1.293	1.259		-2.63	
Acenaphthylene	1.626	1.579		-2.891	
2,6-Dinitrotoluene	0.298	0.298		0.0	
3-Nitroaniline	0.305	0.305		0.0	
Acenaphthene	1.081	1.058		-2.128	20.0
2,4-Dinitrophenol	0.141	0.154	0.050	9.22	
4-Nitrophenol	0.225	0.224	0.050	-0.444	
Dibenzofuran	1.567	1.506		-3.893	
2,4-Dinitrotoluene	0.385	0.394		2.338	
Diethylphthalate	1.247	1.216		-2.486	
4-Chlorophenyl-phenylether	0.623	0.596		-4.334	
Fluorene	1.240	1.183		-4.597	
4-Nitroaniline	0.306	0.301		-1.634	
4,6-Dinitro-2-methylphenol	0.115	0.128		11.304	
n-Nitrosodiphenylamine	0.599	0.585		-2.337	20.0
Azobenzene	1.340	1.286		-4.03	
2,4,6-Tribromophenol	0.187	0.185		-1.07	
4-Bromophenyl-phenylether	0.206	0.205		-0.485	
Hexachlorobenzene	0.228	0.227		-0.439	
Atrazine	0.199	0.190		-4.523	
Pentachlorophenol	0.135	0.143		5.926	20.0
Phenanthrene	1.010	0.985		-2.475	
Anthracene	1.003	0.988		-1.496	
Carbazole	0.901	0.886		-1.665	
Di-n-butylphthalate	1.039	1.055		1.54	
Fluoranthene	1.031	1.021		-0.97	20.0
Benzidine	0.505	0.425		-15.842	
Pyrene	2.030	2.021		-0.443	
Terphenyl-d14	1.228	1.245		1.384	
Butylbenzylphthalate	0.611	0.672		9.984	
3,3-Dichlorobenzidine	0.346	0.337		-2.601	
Benzo(a)anthracene	1.342	1.323		-1.416	
Chrysene	1.270	1.258		-0.945	
Bis(2-ethylhexyl)phthalate	0.651	0.698		7.22	
Di-n-octyl phthalate	1.029	0.997		-3.11	20.0
Benzo(b)fluoranthene	1.126	1.130		0.355	
Benzo(k)fluoranthene	1.099	1.041		-5.278	

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Instrument ID: BNA_F Calibration Date/Time: 7/11/2024 11:27

Lab File ID: BF138516.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	0.973		-1.618	20.0
Indeno(1,2,3-cd)pyrene	1.343	1.363		1.489	
Dibenzo(a,h)anthracene	1.099	1.127		2.548	
Benzo(g,h,i)perylene	1.165	1.149		-1.373	
1,2,4,5-Tetrachlorobenzene	0.557	0.548		-1.616	
1,4-Dioxane	0.559	0.571		2.147	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.312		0.971	
1-Methylnaphthalene	0.653	0.634		-2.91	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BL	SDG No.:	BF071124
Lab Sample ID:	PB161993BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138517.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

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

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BL	SDG No.:	BF071124
Lab Sample ID:	PB161993BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138517.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

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

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BL	SDG No.:	BF071124
Lab Sample ID:	PB161993BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138517.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.864		10-139		75	SPK: -150
13127-88-3	Phenol-d6	109.31		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	76.704		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	74.754		52-132		75	SPK: -100

Report of Analysis

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Client Sample ID:	PB161993BL	SDG No.:	BF071124
Lab Sample ID:	PB161993BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138517.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.698		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	72.207		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128965	6.863				
1146-65-2	Naphthalene-d8	513458	8.145				
15067-26-2	Acenaphthene-d10	293627	9.898				
1517-22-2	Phenanthrene-d10	528598	11.386				
1719-03-5	Chrysene-d12	362884	14.021				
1520-96-3	Perylene-d12	287266	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.6	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.4	A			5.116	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	5.4	J			17.027	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BS	SDG No.:	BF071124
Lab Sample ID:	PB161993BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138518.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.8		1	8	10	ug/L
110-86-1	Pyridine	33.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.9		4	8	10	ug/L
62-53-3	Aniline	27.5		1.6	4	5	ug/L
108-95-2	Phenol	44.9		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	48		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.5		1.4	4	5	ug/L
98-86-2	Acetophenone	43.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.6		1	4	5	ug/L
98-95-3	Nitrobenzene	42.4		1.3	4	5	ug/L
78-59-1	Isophorone	44.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	49		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	47.2		5.5	8	10	ug/L
91-20-3	Naphthalene	42.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	24		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BS	SDG No.:	BF071124
Lab Sample ID:	PB161993BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138518.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	43.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	45.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	42.6		0.81	4	5	ug/L
Total PAH	Total PAH	737.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	94.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	90.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	45.9		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.98	4	5	ug/L
86-73-7	Fluorene	42.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	42.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.3		0.89	4	5	ug/L
103-33-3	Azobenzene	44		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.4		1.1	4	5	ug/L
1912-24-9	Atrazine	40.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BS	SDG No.:	BF071124
Lab Sample ID:	PB161993BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138518.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

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	44.6		0.89	4	5	ug/L
120-12-7	Anthracene	45.4		1.1	4	5	ug/L
86-74-8	Carbazole	43.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.7		1.3	4	5	ug/L
92-87-5	Benzidine	8.4	J	4.1	8	10	ug/L
129-00-0	Pyrene	45.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39.1		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.4		0.94	4	5	ug/L
218-01-9	Chrysene	45.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	46.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.278		10-139		84	SPK: -150
13127-88-3	Phenol-d6	124.911		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	83.303		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.714		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161993BS	SDG No.:	BF071124
Lab Sample ID:	PB161993BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138518.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.465		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	103.258		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128100	6.869				
1146-65-2	Naphthalene-d8	527348	8.151				
15067-26-2	Acenaphthene-d10	292519	9.904				
1517-22-2	Phenanthrene-d10	509310	11.392				
1719-03-5	Chrysene-d12	246232	14.027				
1520-96-3	Perylene-d12	233225	15.492				

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161973TB	SDG No.:	BF071124
Lab Sample ID:	PB161973TB	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
BF138519.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161973TB	SDG No.:	BF071124
Lab Sample ID:	PB161973TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138519.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161973TB	SDG No.:	BF071124
Lab Sample ID:	PB161973TB	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
BF138519.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	143.649		10-139		96	SPK: -150
13127-88-3	Phenol-d6	141.66		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	96.28		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	95.413		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	PB161973TB	SDG No.:	BF071124
Lab Sample ID:	PB161973TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138519.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.965		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	91.876		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94717	6.863				
1146-65-2	Naphthalene-d8	382675	8.145				
15067-26-2	Acenaphthene-d10	220128	9.898				
1517-22-2	Phenanthrene-d10	401799	11.386				
1719-03-5	Chrysene-d12	266549	14.022				
1520-96-3	Perylene-d12	204485	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:	N28660			SDG No.:	BF071124		
Lab Sample ID:	P3183-02			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138520.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	N28660	SDG No.:	BF071124
Lab Sample ID:	P3183-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138520.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	N28660	SDG No.:	BF071124
Lab Sample ID:	P3183-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138520.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	152.119		10-139		101	SPK: -150
13127-88-3	Phenol-d6	146.497		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	102.48		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	103.259		52-132		103	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:	N28660	SDG No.:	BF071124
Lab Sample ID:	P3183-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138520.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.879		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	102.528		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82370	6.863				
1146-65-2	Naphthalene-d8	330055	8.14				
15067-26-2	Acenaphthene-d10	182061	9.898				
1517-22-2	Phenanthrene-d10	284472	11.38				
1719-03-5	Chrysene-d12	161729	14.016				
1520-96-3	Perylene-d12	137482	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:	VNJ-226	SDG No.:	BF071124
Lab Sample ID:	P3183-06	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
BF138521.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	VNJ-226	SDG No.:	BF071124
Lab Sample ID:	P3183-06	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
BF138521.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	VNJ-226	SDG No.:	BF071124
Lab Sample ID:	P3183-06	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
BF138521.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	150.911		10-139		101	SPK: -150
13127-88-3	Phenol-d6	144.03		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	101.988		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	101.501		52-132		102	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:	VNJ-226	SDG No.:	BF071124
Lab Sample ID:	P3183-06	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
BF138521.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.768		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	98.003		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83036	6.863				
1146-65-2	Naphthalene-d8	332744	8.145				
15067-26-2	Acenaphthene-d10	183484	9.898				
1517-22-2	Phenanthrene-d10	278217	11.38				
1719-03-5	Chrysene-d12	161436	14.015				
1520-96-3	Perylene-d12	133676	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:	VNJ-226MS	SDG No.:	BF071124
Lab Sample ID:	P3183-06MS	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
BF138522.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560		10.3	80	100	ug/L
110-86-1	Pyridine	340		15.5	40	50	ug/L
100-52-7	Benzaldehyde	50.3	J	40	80	100	ug/L
62-53-3	Aniline	250		16	40	50	ug/L
108-95-2	Phenol	550		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	570		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	590		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	540		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	530		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	520		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	590		16	80	100	ug/L
95-48-7	2-Methylphenol	580		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	550		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	560		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	570		14.8	25	25	ug/L
67-72-1	Hexachloroethane	540		10.1	40	50	ug/L
98-95-3	Nitrobenzene	540		12.7	40	50	ug/L
78-59-1	Isophorone	590		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	600		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	640		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	580		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	590		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	530		11	40	50	ug/L
65-85-0	Benzoic acid	530		54.7	80	100	ug/L
91-20-3	Naphthalene	540		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	150		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	520		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:	VNJ-226MS	SDG No.:	BF071124
Lab Sample ID:	P3183-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138522.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	570		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	560		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	600		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	580		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	540		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	570		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	560		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	610		9.3	40	50	ug/L
208-96-8	Acenaphthylene	620		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	560		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	220		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	8720		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1000	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	990	E	20	80	100	ug/L
132-64-9	Dibenzofuran	570		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	130		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	570		15.2	40	50	ug/L
84-66-2	Diethylphthalate	590		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	560		9.8	40	50	ug/L
86-73-7	Fluorene	560		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	650		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	620		8.9	40	50	ug/L
103-33-3	Azobenzene	580		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	620		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	610		11.4	40	50	ug/L
1912-24-9	Atrazine	500		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:	VNJ-226MS	SDG No.:	BF071124
Lab Sample ID:	P3183-06MS	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
BF138522.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	590		8.9	40	50	ug/L
120-12-7	Anthracene	600		10.7	40	50	ug/L
86-74-8	Carbazole	530		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	660		14.7	40	50	ug/L
206-44-0	Fluoranthene	520		12.9	40	50	ug/L
92-87-5	Benzidine	48.8	J	40.7	80	100	ug/L
129-00-0	Pyrene	470		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	690		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	330		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	590		9.4	40	50	ug/L
218-01-9	Chrysene	590		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	920	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	970	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	620		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	620		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	630		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	350		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	530		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	470		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	530		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	149.46		10-139		100	SPK: -150
13127-88-3	Phenol-d6	145.889		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	101.901		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	103.527		52-132		104	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:	VNJ-226MS	SDG No.:	BF071124
Lab Sample ID:	P3183-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138522.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.161		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	103.945		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86617	6.869				
1146-65-2	Naphthalene-d8	344587	8.145				
15067-26-2	Acenaphthene-d10	186910	9.898				
1517-22-2	Phenanthrene-d10	296380	11.386				
1719-03-5	Chrysene-d12	165443	14.021				
1520-96-3	Perylene-d12	181401	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:	VNJ-226MSD	SDG No.:	BF071124
Lab Sample ID:	P3183-06MSD	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
BF138523.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540		10.3	80	100	ug/L
110-86-1	Pyridine	320		15.5	40	50	ug/L
100-52-7	Benzaldehyde	51.3	J	40	80	100	ug/L
62-53-3	Aniline	250		16	40	50	ug/L
108-95-2	Phenol	520		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	550		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	570		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	510		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	500		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	500		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	570		16	80	100	ug/L
95-48-7	2-Methylphenol	550		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	520		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	510		10.1	40	50	ug/L
98-95-3	Nitrobenzene	530		12.7	40	50	ug/L
78-59-1	Isophorone	560		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	580		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	620		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	560		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	570		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	520		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	520		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	160		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		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:	VNJ-226MSD	SDG No.:	BF071124
Lab Sample ID:	P3183-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138523.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	550		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	540		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1600	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	570		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	560		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	580		9.3	40	50	ug/L
208-96-8	Acenaphthylene	590		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	220		13.7	40	50	ug/L
83-32-9	Acenaphthene	540		8.1	40	50	ug/L
Total PAH	Total PAH	8390		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	990	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	920	E	20	80	100	ug/L
132-64-9	Dibenzofuran	550		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	540		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	090		27.6	40	100	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530		9.8	40	50	ug/L
86-73-7	Fluorene	530		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	640		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	610		8.9	40	50	ug/L
103-33-3	Azobenzene	550		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	620		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	500		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:	VNJ-226MSD	SDG No.:	BF071124
Lab Sample ID:	P3183-06MSD	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
BF138523.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	580		8.9	40	50	ug/L
120-12-7	Anthracene	590		10.7	40	50	ug/L
86-74-8	Carbazole	520		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	640		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	66.7	J	40.7	80	100	ug/L
129-00-0	Pyrene	450		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	650		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	370		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	580		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	880	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	920	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	610		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	600		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	330		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	570		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.157		10-139		95	SPK: -150
13127-88-3	Phenol-d6	139.277		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	97.593		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	99.398		52-132		99	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:	VNJ-226MSD	SDG No.:	BF071124
Lab Sample ID:	P3183-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138523.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.139		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	100.465		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86557	6.869				
1146-65-2	Naphthalene-d8	342308	8.145				
15067-26-2	Acenaphthene-d10	186000	9.904				
1517-22-2	Phenanthrene-d10	285205	11.386				
1719-03-5	Chrysene-d12	159563	14.021				
1520-96-3	Perylene-d12	178560	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:	VNJ-229	SDG No.:	BF071124
Lab Sample ID:	P3183-08	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
BF138524.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	VNJ-229	SDG No.:	BF071124
Lab Sample ID:	P3183-08	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
BF138524.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	VNJ-229	SDG No.:	BF071124
Lab Sample ID:	P3183-08	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
BF138524.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	151.489		10-139		101	SPK: -150
13127-88-3	Phenol-d6	146.686		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	103.478		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	102.591		52-132		103	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:	VNJ-229	SDG No.:	BF071124
Lab Sample ID:	P3183-08	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
BF138524.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.852		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	102.564		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82573	6.863				
1146-65-2	Naphthalene-d8	331465	8.14				
15067-26-2	Acenaphthene-d10	183427	9.898				
1517-22-2	Phenanthrene-d10	291262	11.38				
1719-03-5	Chrysene-d12	165660	14.016				
1520-96-3	Perylene-d12	132986	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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138525.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138525.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138525.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.399		10-139		93	SPK: -150
13127-88-3	Phenol-d6	125.754		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	101.646		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	101.43		52-132		101	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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138525.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.591		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	100.62		36-145		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87923	6.863				
1146-65-2	Naphthalene-d8	353016	8.139				
15067-26-2	Acenaphthene-d10	194613	9.898				
1517-22-2	Phenanthrene-d10	300152	11.38				
1719-03-5	Chrysene-d12	170653	14.016				
1520-96-3	Perylene-d12	145695	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-06	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
BF138526.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	26.7	J	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138526.D	1	7/10/2024 12:00:00 AM	7/11/2024 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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138526.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.141		10-139		86	SPK: -150
13127-88-3	Phenol-d6	116.001		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	95.636		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	96.385		52-132		96	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138526.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.158		32-145		87	SPK: -150
1718-51-0	Terphenyl-d14	90.511		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89313	6.863				
1146-65-2	Naphthalene-d8	357560	8.145				
15067-26-2	Acenaphthene-d10	197656	9.898				
1517-22-2	Phenanthrene-d10	299057	11.38				
1719-03-5	Chrysene-d12	177043	14.016				
1520-96-3	Perylene-d12	144046	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:	WC-1	SDG No.:	BF071124
Lab Sample ID:	P3187-04	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
BF138527.D	1	7/10/2024 12:00:00 AM	7/11/2024 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-1	SDG No.:	BF071124
Lab Sample ID:	P3187-04	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
BF138527.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF071124
Lab Sample ID:	P3187-04	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
BF138527.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.096		10-139		96	SPK: -150
13127-88-3	Phenol-d6	138.199		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	99.894		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	99.718		52-132		100	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-1	SDG No.:	BF071124
Lab Sample ID:	P3187-04	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
BF138527.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.021		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	96.124		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87709	6.863				
1146-65-2	Naphthalene-d8	347734	8.14				
15067-26-2	Acenaphthene-d10	193200	9.898				
1517-22-2	Phenanthrene-d10	298026	11.38				
1719-03-5	Chrysene-d12	173221	14.016				
1520-96-3	Perylene-d12	126458	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:	WC-2	SDG No.:	BF071124
Lab Sample ID:	P3187-08	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
BF138528.D	1	7/10/2024 12:00:00 AM	7/11/2024 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-2	SDG No.:	BF071124
Lab Sample ID:	P3187-08	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
BF138528.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF071124
Lab Sample ID:	P3187-08	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
BF138528.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	156.282		10-139		104	SPK: -150
13127-88-3	Phenol-d6	149.804		10-134		100	SPK: -150
4165-60-0	Nitrobenzene-d5	109.358		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	109.027		52-132		109	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-2	SDG No.:	BF071124
Lab Sample ID:	P3187-08	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
BF138528.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.446		32-145		99	SPK: -150
1718-51-0	Terphenyl-d14	107.43		36-145		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82772	6.863				
1146-65-2	Naphthalene-d8	321763	8.139				
15067-26-2	Acenaphthene-d10	179832	9.898				
1517-22-2	Phenanthrene-d10	275959	11.38				
1719-03-5	Chrysene-d12	158825	14.016				
1520-96-3	Perylene-d12	120363	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:	WC-3	SDG No.:	BF071124
Lab Sample ID:	P3187-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138529.D	1	7/10/2024 12:00:00 AM	7/11/2024 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-3	SDG No.:	BF071124
Lab Sample ID:	P3187-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138529.D	1	7/10/2024 12:00:00 AM	7/11/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF071124
Lab Sample ID:	P3187-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138529.D	1	7/10/2024 12:00:00 AM	7/11/2024 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	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	154.245		10-139		103	SPK: -150
13127-88-3	Phenol-d6	147.521		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	105.406		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	105.246		52-132		105	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-3	SDG No.:	BF071124
Lab Sample ID:	P3187-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138529.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.691		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	100.155		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80664	6.863				
1146-65-2	Naphthalene-d8	323736	8.145				
15067-26-2	Acenaphthene-d10	177746	9.898				
1517-22-2	Phenanthrene-d10	264936	11.38				
1719-03-5	Chrysene-d12	155867	14.016				
1520-96-3	Perylene-d12	123197	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:	WC-1	SDG No.:	BF071124
Lab Sample ID:	P3187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138530.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.6	U	57.6	180	220	ug/Kg
110-86-1	Pyridine	53	U	53	86.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.3	U	64.3	86.2	110	ug/Kg
108-95-2	Phenol	55	U	55	86.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.5	U	55.5	86.2	110	ug/Kg
95-57-8	2-Chlorophenol	55.4	U	55.4	86.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.1	U	56.1	86.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.1	U	57.1	86.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.4	U	57.4	86.2	110	ug/Kg
100-51-6	Benzyl Alcohol	55.1	U	55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	53.5	U	53.5	86.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.3	U	60.3	86.2	110	ug/Kg
98-86-2	Acetophenone	57.6	U	57.6	86.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.9	U	52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	55.1	U	55.1	86.2	110	ug/Kg
98-95-3	Nitrobenzene	60.2	U	60.2	86.2	110	ug/Kg
78-59-1	Isophorone	56.1	U	56.1	86.2	110	ug/Kg
88-75-5	2-Nitrophenol	62.7	U	62.7	86.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.8	U	61.8	86.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.9	U	56.9	86.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.1	U	50.1	86.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.7	U	56.7	86.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.8	U	54.8	86.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.8	U	54.8	86.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.3	U	55.3	86.2	110	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:	WC-1	SDG No.:	BF071124
Lab Sample ID:	P3187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138530.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.6	U	57.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.4	U	51.4	86.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.7	U	54.7	86.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.4	U	47.4	86.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.1	U	49.1	86.2	110	ug/Kg
92-52-4	1,1-Biphenyl	58	U	58	86.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.3	U	55.3	86.2	110	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	86.2	110	ug/Kg
131-11-3	Dimethylphthalate	54.2	U	54.2	86.2	110	ug/Kg
208-96-8	Acenaphthylene	57.4	U	57.4	86.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.2	U	55.2	86.2	110	ug/Kg
99-09-2	3-Nitroaniline	59.2	U	59.2	86.2	110	ug/Kg
83-32-9	Acenaphthene	53.8	U	53.8	86.2	110	ug/Kg
Total PAH	Total PAH	879	U	879	86.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	180	220	ug/Kg
132-64-9	Dibenzofuran	56	U	56	86.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.2	U	57.2	86.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.4	U	112.4	86.2	220	ug/Kg
84-66-2	Diethylphthalate	53.1	U	53.1	86.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.8	U	56.8	86.2	110	ug/Kg
86-73-7	Fluorene	56.7	U	56.7	86.2	110	ug/Kg
100-01-6	4-Nitroaniline	71	U	71	86.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.6	U	77.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.1	U	54.1	86.2	110	ug/Kg
103-33-3	Azobenzene	52.8	U	52.8	86.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.3	U	52.3	86.2	110	ug/Kg
118-74-1	Hexachlorobenzene	56.4	U	56.4	86.2	110	ug/Kg
1912-24-9	Atrazine	60.6	U	60.6	86.2	110	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:	WC-1	SDG No.:	BF071124
Lab Sample ID:	P3187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138530.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.3	U	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	55.7	U	55.7	86.2	110	ug/Kg
120-12-7	Anthracene	56	U	56	86.2	110	ug/Kg
86-74-8	Carbazole	53.3	U	53.3	86.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.9	U	55.9	86.2	110	ug/Kg
206-44-0	Fluoranthene	54.2	U	54.2	86.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.1	U	55.1	86.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.2	U	64.2	86.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.4	U	65.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.5	U	53.5	86.2	110	ug/Kg
218-01-9	Chrysene	52.7	U	52.7	86.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.4	U	60.4	86.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.8	U	53.8	86.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.8	U	54.8	86.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.7	U	61.7	86.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.8	U	51.8	86.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.9	U	53.9	86.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.1	U	53.1	86.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.6	U	57.6	86.2	110	ug/Kg
123-91-1	1,4-Dioxane	73	U	73	86.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.6	U	49.6	86.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.2	U	55.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.12		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.142		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	62.919		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	68.636		20-109		69	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-1	SDG No.:	BF071124
Lab Sample ID:	P3187-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138530.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.592		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	63.811		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87709	6.863				
1146-65-2	Naphthalene-d8	354705	8.139				
15067-26-2	Acenaphthene-d10	186138	9.898				
1517-22-2	Phenanthrene-d10	281170	11.38				
1719-03-5	Chrysene-d12	169671	14.015				
1520-96-3	Perylene-d12	155800	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.169	
017348-59-3	Propane, 2-methyl-2-(1-methylethox	130	J			5.086	
	unknown9.992	46	J			9.992	
000057-10-3	n-Hexadecanoic acid	92.9	J			11.904	
000112-84-5	13-Docosenamide, (Z)-	210	J			14.768	

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-1MS	SDG No.:	BF071124
Lab Sample ID:	P3187-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138531.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		57.7	180	220	ug/Kg
110-86-1	Pyridine	1000		53.1	86.3	110	ug/Kg
100-52-7	Benzaldehyde	230		120	180	220	ug/Kg
62-53-3	Aniline	960		64.4	86.3	110	ug/Kg
108-95-2	Phenol	1200		55.1	86.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.6	86.3	110	ug/Kg
95-57-8	2-Chlorophenol	1300		55.5	86.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		56.2	86.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		57.1	86.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		57.5	86.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1300		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.5	86.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60.4	86.3	110	ug/Kg
98-86-2	Acetophenone	1100		57.7	86.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		26.8	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	1200		55.1	86.3	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.3	86.3	110	ug/Kg
78-59-1	Isophorone	1300		56.2	86.3	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.8	86.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		61.9	86.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57	86.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.1	86.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		56.7	86.3	110	ug/Kg
65-85-0	Benzoic acid	990		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		54.9	86.3	110	ug/Kg
106-47-8	4-Chloroaniline	760		54.9	86.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	WC-1MS	SDG No.:	BF071124
Lab Sample ID:	P3187-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138531.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		57.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.5	86.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1200		54.8	86.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		47.4	86.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.1	86.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		58	86.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.3	86.3	110	ug/Kg
88-74-4	2-Nitroaniline	1200		63.1	86.3	110	ug/Kg
131-11-3	Dimethylphthalate	1200		54.3	86.3	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.5	86.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.3	86.3	110	ug/Kg
99-09-2	3-Nitroaniline	900		59.2	86.3	110	ug/Kg
83-32-9	Acenaphthene	1200		53.9	86.3	110	ug/Kg
Total PAH	Total PAH	18270		880.4	86.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	77	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.1	86.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		112.6	86.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.3	86.3	110	ug/Kg
84-66-2	Diethylphthalate	1200		53.2	86.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		56.9	86.3	110	ug/Kg
86-73-7	Fluorene	1100		56.8	86.3	110	ug/Kg
100-01-6	4-Nitroaniline	1000		71.1	86.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		54.2	86.3	110	ug/Kg
103-33-3	Azobenzene	1200		52.9	86.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		52.4	86.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1300		56.5	86.3	110	ug/Kg
1912-24-9	Atrazine	1200		60.7	86.3	110	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:	WC-1MS	SDG No.:	BF071124
Lab Sample ID:	P3187-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138531.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	1200		55.8	86.3	110	ug/Kg
120-12-7	Anthracene	1300		56.1	86.3	110	ug/Kg
86-74-8	Carbazole	1100		53.3	86.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1400		56	86.3	110	ug/Kg
206-44-0	Fluoranthene	1100		54.3	86.3	110	ug/Kg
92-87-5	Benzidine	300		110	180	220	ug/Kg
129-00-0	Pyrene	950		55.1	86.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		64.3	86.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		53.6	86.3	110	ug/Kg
218-01-9	Chrysene	1300		52.8	86.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800	E	60.4	86.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53.9	86.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		54.9	86.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61.8	86.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		51.9	86.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		53.9	86.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740		53.2	86.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		57.7	86.3	110	ug/Kg
123-91-1	1,4-Dioxane	1000		73.1	86.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.6	86.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.788		18-112		61	SPK: -150
13127-88-3	Phenol-d6	93.624		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	62.878		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.351		20-109		66	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-1MS	SDG No.:	BF071124
Lab Sample ID:	P3187-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138531.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.235		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	63.579		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83260	6.863				
1146-65-2	Naphthalene-d8	329832	8.145				
15067-26-2	Acenaphthene-d10	177879	9.898				
1517-22-2	Phenanthrene-d10	267943	11.386				
1719-03-5	Chrysene-d12	155626	14.021				
1520-96-3	Perylene-d12	176289	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:	WC-1MSD	SDG No.:	BF071124
Lab Sample ID:	P3187-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BF138532.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		57.6	180	220	ug/Kg
110-86-1	Pyridine	1100		53	86.3	110	ug/Kg
100-52-7	Benzaldehyde	220		120	180	220	ug/Kg
62-53-3	Aniline	1100		64.3	86.3	110	ug/Kg
108-95-2	Phenol	1200		55	86.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.6	86.3	110	ug/Kg
95-57-8	2-Chlorophenol	1300		55.4	86.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		56.2	86.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		57.1	86.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		57.4	86.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1300		55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.5	86.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60.4	86.3	110	ug/Kg
98-86-2	Acetophenone	1100		57.7	86.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		26.8	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	1200		55.1	86.3	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.3	86.3	110	ug/Kg
78-59-1	Isophorone	1300		56.2	86.3	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.7	86.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		61.9	86.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57	86.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		50.1	86.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		56.7	86.3	110	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	1200		54.8	86.3	110	ug/Kg
106-47-8	4-Chloroaniline	870		54.8	86.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55.3	86.3	110	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:	WC-1MSD		SDG No.:	BF071124	
Lab Sample ID:	P3187-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	9.7	
Sample Wt/Vol:	50.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138532.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		57.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.5	86.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1200		54.8	86.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		47.4	86.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.1	86.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		58	86.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.3	86.3	110	ug/Kg
88-74-4	2-Nitroaniline	1200		63.1	86.3	110	ug/Kg
131-11-3	Dimethylphthalate	1200		54.2	86.3	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.4	86.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.2	86.3	110	ug/Kg
99-09-2	3-Nitroaniline	880		59.2	86.3	110	ug/Kg
83-32-9	Acenaphthene	1200		53.8	86.3	110	ug/Kg
Total PAH	Total PAH	18280		879.6	86.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	77	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56	86.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		112.4	86.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.2	86.3	110	ug/Kg
84-66-2	Diethylphthalate	1200		53.2	86.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		56.8	86.3	110	ug/Kg
86-73-7	Fluorene	1200		56.8	86.3	110	ug/Kg
100-01-6	4-Nitroaniline	1000		71	86.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		54.2	86.3	110	ug/Kg
103-33-3	Azobenzene	1200		52.8	86.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		52.4	86.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1300		56.4	86.3	110	ug/Kg
1912-24-9	Atrazine	1200		60.7	86.3	110	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:	WC-1MSD	SDG No.:	BF071124
Lab Sample ID:	P3187-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138532.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	1200		55.8	86.3	110	ug/Kg
120-12-7	Anthracene	1300		56	86.3	110	ug/Kg
86-74-8	Carbazole	1100		53.3	86.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1400		56	86.3	110	ug/Kg
206-44-0	Fluoranthene	1100		54.2	86.3	110	ug/Kg
92-87-5	Benzidine	700		110	180	220	ug/Kg
129-00-0	Pyrene	970		55.1	86.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		64.3	86.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		53.6	86.3	110	ug/Kg
218-01-9	Chrysene	1300		52.8	86.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	E	60.4	86.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	73	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53.8	86.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		54.8	86.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61.7	86.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		51.9	86.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		53.9	86.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		53.2	86.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		57.6	86.3	110	ug/Kg
123-91-1	1,4-Dioxane	1000		73	86.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.6	86.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.508		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.188		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	63.175		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	65.85		20-109		66	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-1MSD	SDG No.:	BF071124
Lab Sample ID:	P3187-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138532.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.079		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	64.985		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83811	6.863				
1146-65-2	Naphthalene-d8	330288	8.145				
15067-26-2	Acenaphthene-d10	179528	9.898				
1517-22-2	Phenanthrene-d10	271462	11.386				
1719-03-5	Chrysene-d12	154269	14.021				
1520-96-3	Perylene-d12	179182	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:	WC-2	SDG No.:	BF071124
Lab Sample ID:	P3187-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF138533.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.2	U	60.2	190	230	ug/Kg
110-86-1	Pyridine	55.4	U	55.4	90.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.2	U	67.2	90.1	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	58	90.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.9	U	57.9	90.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.6	U	58.6	90.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.6	U	59.6	90.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.1	120	ug/Kg
100-51-6	Benzyl Alcohol	57.5	U	57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	90.1	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.3	U	55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.5	U	57.5	90.1	120	ug/Kg
98-95-3	Nitrobenzene	62.9	U	62.9	90.1	120	ug/Kg
78-59-1	Isophorone	58.6	U	58.6	90.1	120	ug/Kg
88-75-5	2-Nitrophenol	65.5	U	65.5	90.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.6	U	64.6	90.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.5	U	59.5	90.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.3	U	52.3	90.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.2	U	59.2	90.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.7	U	57.7	90.1	120	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:	WC-2	SDG No.:	BF071124
Lab Sample ID:	P3187-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF138533.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.2	U	60.2	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	90.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.2	U	57.2	90.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.5	U	49.5	90.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.3	U	51.3	90.1	120	ug/Kg
92-52-4	1,1-Biphenyl	60.6	U	60.6	90.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.7	U	57.7	90.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.9	U	65.9	90.1	120	ug/Kg
131-11-3	Dimethylphthalate	56.6	U	56.6	90.1	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.7	U	57.7	90.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.8	U	61.8	90.1	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	90.1	120	ug/Kg
Total PAH	Total PAH	2788.2	U	918.5	90.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.4	U	80.4	190	230	ug/Kg
132-64-9	Dibenzofuran	58.5	U	58.5	90.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.5	U	117.5	90.1	240	ug/Kg
84-66-2	Diethylphthalate	55.5	U	55.5	90.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	90.1	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.1	120	ug/Kg
100-01-6	4-Nitroaniline	74.2	U	74.2	90.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.1	U	81.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.1	120	ug/Kg
103-33-3	Azobenzene	55.2	U	55.2	90.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.7	U	54.7	90.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.9	U	58.9	90.1	120	ug/Kg
1912-24-9	Atrazine	63.4	U	63.4	90.1	120	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:	WC-2	SDG No.:	BF071124
Lab Sample ID:	P3187-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF138533.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.6	U	53.6	190	230	ug/Kg
85-01-8	Phenanthrene	390		58.2	90.1	120	ug/Kg
120-12-7	Anthracene	130		58.5	90.1	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.4	U	58.4	90.1	120	ug/Kg
206-44-0	Fluoranthene	510		56.6	90.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	360		57.5	90.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.1	U	67.1	90.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.4	U	68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	290		55.9	90.1	120	ug/Kg
218-01-9	Chrysene	260		55.1	90.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.1	U	63.1	90.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.3	U	76.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		56.2	90.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		57.3	90.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	260		64.5	90.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.1	J	54.1	90.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.3	U	56.3	90.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.1	J	55.5	90.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.2	U	60.2	90.1	120	ug/Kg
123-91-1	1,4-Dioxane	76.3	U	76.3	90.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.8	U	51.8	90.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.7	U	57.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.887		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.187		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	63.722		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	66.663		20-109		67	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-2	SDG No.:	BF071124
Lab Sample ID:	P3187-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF138533.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.701		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	59.571		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84640	6.863				
1146-65-2	Naphthalene-d8	329907	8.145				
15067-26-2	Acenaphthene-d10	176605	9.898				
1517-22-2	Phenanthrene-d10	252020	11.38				
1719-03-5	Chrysene-d12	150582	14.015				
1520-96-3	Perylene-d12	175035	15.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.169	
017348-59-3	Propane, 2-methyl-2-(1-methylethox	130	J			5.087	
	unknown9.992	66.3	J			9.992	
000544-63-8	Tetradecanoic acid	89.2	J			11.045	
000233-02-3	Naphtho[2,1-b]thiophene	86.7	J			11.275	
000124-18-5	Decane	110	J			11.68	
004536-88-3	Benzene, (1-methyldecyl)-	76	J			11.763	
1000406-37-5	Dodecyl nonyl ether	200	J			11.833	
000057-10-3	n-Hexadecanoic acid	480	J			11.91	
000203-64-5	4H-Cyclopenta[def]phenanthrene	74.6	J			11.992	
000630-02-4	Octacosane	64.2	J			12.08	
1000309-12-2	Sulfurous acid, 2-propyl undecyl e	62.2	J			12.227	
000057-11-4	Octadecanoic acid	88.5	J			12.692	
000238-84-6	11H-Benzo[a]fluorene	61.5	J			13.151	
000243-17-4	11H-Benzo[b]fluorene	62.9	J			13.216	
000629-78-7	Heptadecane	52.7	J			13.863	
000112-84-5	13-Docosenamide, (Z)-	150	J			14.768	
007683-64-9	Supraene	250	J			14.863	
000192-97-2	Benzo[e]pyrene	170	J			15.357	

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-2	SDG No.:	BF071124
Lab Sample ID:	P3187-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
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
BF138533.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
055333-99-8	Eicosane, 7-hexyl-	75.3	J			15.939	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF071124
Lab Sample ID:	P3208-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138534.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	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	54.5	U	54.5	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	51.5	U	51.5	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

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF071124
Lab Sample ID:	P3208-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138534.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	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	93.6	U	93.6	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
Total PAH	Total PAH	972.7	U	794.6	78	1600	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	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



Client:				Date Collected:	7/10/2024 12:00:00 AM	
Project:				Date Received:	7/10/2024 12:00:00 AM	
Client Sample ID:	352			SDG No.:	BF071124	
Lab Sample ID:	P3208-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138534.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

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	74.3	J	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	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	180		49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	130		49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	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	100		48.4	78	100	ug/Kg
218-01-9	Chrysene	150		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	180		48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.4	J	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	100		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	52.1	U	52.1	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	90.681		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.312		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	62.218		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	67.413		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	352	SDG No.:	BF071124
Lab Sample ID:	P3208-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138534.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.614		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	54.574		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93132	6.863				
1146-65-2	Naphthalene-d8	367441	8.145				
15067-26-2	Acenaphthene-d10	180376	9.898				
1517-22-2	Phenanthrene-d10	257051	11.38				
1719-03-5	Chrysene-d12	179480	14.021				
1520-96-3	Perylene-d12	190890	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.163	
004254-15-3	(S)-(+)-1,2-Propanediol	64.8	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	65.6	J			8.451	
	unknown9.998	730	J			9.998	
000057-10-3	n-Hexadecanoic acid	140	J			11.904	
000629-92-5	Nonadecane	63	J			12.469	
000057-11-4	Octadecanoic acid	53	J			12.692	
000630-02-4	Octacosane	76.6	J			13.192	
000192-97-2	Benzo[e]pyrene	95.8	J			15.357	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	VNJ-207	SDG No.:	BF071124
Lab Sample ID:	P3208-03	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
BF138535.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

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:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	VNJ-207	SDG No.:	BF071124
Lab Sample ID:	P3208-03	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
BF138535.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

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
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	51.3	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:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	VNJ-207	SDG No.:	BF071124
Lab Sample ID:	P3208-03	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
BF138535.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

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	96.9	J	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	64.1	J	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	49.8	J	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	61.6	J	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	84.4	J	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	91.097		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.661		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	59.681		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	65.976		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	VNJ-207	SDG No.:	BF071124
Lab Sample ID:	P3208-03	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
BF138535.D	1	7/11/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB162009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.604		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	49.679		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89569	6.863				
1146-65-2	Naphthalene-d8	349463	8.145				
15067-26-2	Acenaphthene-d10	167446	9.898				
1517-22-2	Phenanthrene-d10	237928	11.38				
1719-03-5	Chrysene-d12	181182	14.021				
1520-96-3	Perylene-d12	186132	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.163	
004254-15-3	(S)-(+)-1,2-Propanediol	9100	J			3.769	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.098	
000057-10-3	n-Hexadecanoic acid	110	J			11.904	

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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138536.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92	U	92	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	180		92.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	84.8	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.5	U	90.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF138536.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92	U	92	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	140	180	ug/Kg
208-96-8	Acenaphthylene	91.6	U	91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	1403.7	U	1403.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF138536.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	89	U	89	140	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	140	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	87.9	U	87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.5	U	85.5	140	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.5	U	98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.7	U	82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.9	U	84.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	49.454		18-112		33	SPK: -150
13127-88-3	Phenol-d6	48.48		15-107		32	SPK: -150
4165-60-0	Nitrobenzene-d5	34.639		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	38.051		20-109		38	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:	MOO-23-00199	SDG No.:	BF071124
Lab Sample ID:	P3184-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF138536.D	1	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	46.709		10-110		31	SPK: -150
1718-51-0	Terphenyl-d14	30.984		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59973	6.863				
1146-65-2	Naphthalene-d8	212551	8.145				
15067-26-2	Acenaphthene-d10	106693	9.945				
1517-22-2	Phenanthrene-d10	63161	11.38				
1719-03-5	Chrysene-d12	69660	14.074				
1520-96-3	Perylene-d12	73850	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-89-0	Octadecane, 1-bromo-	420	J			10.422	

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:	OR-02-070924	SDG No.:	BF071124
Lab Sample ID:	P3181-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF138537.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	7/9/2024 12:00:00 AM
Project:		Date Received:	7/9/2024 12:00:00 AM
Client Sample ID:	OR-02-070924	SDG No.:	BF071124
Lab Sample ID:	P3181-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF138537.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	400	J	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	8170	U	4280	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	280	U	280	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

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:	OR-02-070924	SDG No.:	BF071124
Lab Sample ID:	P3181-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF138537.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	3500		270	420	550	ug/Kg
120-12-7	Anthracene	270	U	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	1600		260	420	550	ug/Kg
92-87-5	Benzidine	530	U	530	870	1100	ug/Kg
129-00-0	Pyrene	270	U	270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	460	J	260	420	550	ug/Kg
218-01-9	Chrysene	690		260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	880		260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	J	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	490	J	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	J	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	410	J	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.56		18-112		46	SPK: -150
13127-88-3	Phenol-d6	67.88		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	45.115		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	50.05		20-109		50	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:	OR-02-070924	SDG No.:	BF071124
Lab Sample ID:	P3181-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF138537.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.44		10-110		40	SPK: -150
1718-51-0	Terphenyl-d14	37.315		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60888	6.863				
1146-65-2	Naphthalene-d8	223044	8.145				
15067-26-2	Acenaphthene-d10	112070	9.904				
1517-22-2	Phenanthrene-d10	136035	11.428				
1719-03-5	Chrysene-d12	159108	14.057				
1520-96-3	Perylene-d12	137030	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
001678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.	820	J			8.681	
	unknown9.022	980	J			9.022	
017302-32-8	Nonane, 3,7-dimethyl-	560	J			9.163	
002425-77-6	1-Decanol, 2-hexyl-	730	J			9.304	
004575-46-6	Benzene, 1-cyclohexyl-3-methyl-	360	J			9.534	
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	1200	J			9.569	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	1100	J			9.61	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	670	J			9.628	
1000130-87-5	Z-8-Hexadecene	1500	J			9.775	
	unknown9.816	1400	J			9.816	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1100	J			10.233	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	1700	J			10.328	
053584-60-4	28-Nor-17.alpha.(H)-hopane	3000	J			16.198	
036728-72-0	28-Nor-17.beta.(H)-hopane	2700	J			16.633	

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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138538.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490	U	490	1500	1900	ug/Kg
110-86-1	Pyridine	450	U	450	730	960	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	730	960	ug/Kg
108-95-2	Phenol	470	U	470	730	960	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	470	U	470	730	960	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	730	960	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	730	960	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	730	960	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	730	960	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	450	U	450	730	960	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	510	U	510	730	960	ug/Kg
98-86-2	Acetophenone	490	U	490	730	960	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	450	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	450	450	ug/Kg
67-72-1	Hexachloroethane	470	U	470	730	960	ug/Kg
98-95-3	Nitrobenzene	510	U	510	730	960	ug/Kg
78-59-1	Isophorone	480	U	480	730	960	ug/Kg
88-75-5	2-Nitrophenol	530	U	530	730	960	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	730	960	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	480	U	480	730	960	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	730	960	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	480	U	480	730	960	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	470	U	470	730	960	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	730	960	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	730	960	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:	COMP(00187-00189-00186)			SDG No.:	BF071124
Lab Sample ID:	P3184-01			Matrix:	Solid
Analytical Method:	8270E			% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138538.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490	U	490	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	440	U	440	730	960	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	730	960	ug/Kg
77-47-4	Hexachlorocyclopentadiene	880	U	880	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	400	730	960	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	730	960	ug/Kg
92-52-4	1,1-Biphenyl	490	U	490	730	960	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	730	960	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	730	960	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	730	960	ug/Kg
208-96-8	Acenaphthylene	490	U	490	730	960	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	730	960	ug/Kg
99-09-2	3-Nitroaniline	500	U	500	730	960	ug/Kg
83-32-9	Acenaphthene	460	U	460	730	960	ug/Kg
Total PAH	Total PAH	7490	U	7490	730	15360	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	650	U	650	1500	1900	ug/Kg
132-64-9	Dibenzofuran	480	U	480	730	960	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	730	960	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	730	1920	ug/Kg
84-66-2	Diethylphthalate	450	U	450	730	960	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	480	U	480	730	960	ug/Kg
86-73-7	Fluorene	480	U	480	730	960	ug/Kg
100-01-6	4-Nitroaniline	600	U	600	730	960	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660	U	660	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	460	U	460	730	960	ug/Kg
103-33-3	Azobenzene	450	U	450	730	960	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	730	960	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	730	960	ug/Kg
1912-24-9	Atrazine	520	U	520	730	960	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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138538.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	440	U	440	1500	1900	ug/Kg
85-01-8	Phenanthrene	510	J	470	730	960	ug/Kg
120-12-7	Anthracene	480	U	480	730	960	ug/Kg
86-74-8	Carbazole	450	U	450	730	960	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	730	960	ug/Kg
206-44-0	Fluoranthene	1100		460	730	960	ug/Kg
92-87-5	Benzidine	920	U	920	1500	1900	ug/Kg
129-00-0	Pyrene	910	J	470	730	960	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	730	960	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	730	960	ug/Kg
218-01-9	Chrysene	540	J	450	730	960	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510	U	510	730	960	ug/Kg
117-84-0	Di-n-octyl phthalate	620	U	620	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	610	J	460	730	960	ug/Kg
207-08-9	Benzo(k)fluoranthene	470	U	470	730	960	ug/Kg
50-32-8	Benzo(a)pyrene	520	U	520	730	960	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	440	730	960	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	730	960	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450	U	450	730	960	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	730	960	ug/Kg
123-91-1	1,4-Dioxane	620	U	620	730	960	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	730	960	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	960	960	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.975		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.01		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	55.505		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.105		20-109		65	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:	COMP(00187-00189-00186)	SDG No.:	BF071124
Lab Sample ID:	P3184-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138538.D	5	7/10/2024 12:00:00 AM	7/11/2024 12:00:00 AM	PB161988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.96		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	54.745		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74534	6.863				
1146-65-2	Naphthalene-d8	269403	8.145				
15067-26-2	Acenaphthene-d10	122450	9.898				
1517-22-2	Phenanthrene-d10	204408	11.38				
1719-03-5	Chrysene-d12	157919	14.021				
1520-96-3	Perylene-d12	116759	15.486				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2900	J			2.116	
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	720	J			9.557	
	unknown	12.469	J			12.469	
000629-94-7	Heneicosane	640	J			13.316	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl)	890	J			13.504	

Hit Summary Sheet SW-846

SDG No.: BF071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OR-02-070924								
P3181-01	OR-02-070924	Solid	1-Decanol, 2-hexyl-	*	730.000	J		
P3181-01	OR-02-070924	Solid	1H-Indene, octahydro-2,2,4,4,7,7-	*	1,100.000	J		
P3181-01	OR-02-070924	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3	*	1,700.000	J		
P3181-01	OR-02-070924	Solid	28-Nor-17.alpha.(H)-hopane	*	3,000.000	J		
P3181-01	OR-02-070924	Solid	28-Nor-17.beta.(H)-hopane	*	2,700.000	J		
P3181-01	OR-02-070924	Solid	3-Ethyl-2,6,10-trimethylundecane	*	670.000	J		
P3181-01	OR-02-070924	Solid	Benzene, 1-cyclohexyl-3-methyl-	*	360.000	J		
P3181-01	OR-02-070924	Solid	Cyclohexane, 1,2,3-trimethyl-, (1.	*	820.000	J		
P3181-01	OR-02-070924	Solid	Naphthalene, 1,4,6-trimethyl-	*	1,100.000	J		
P3181-01	OR-02-070924	Solid	Nonane, 3,7-dimethyl-	*	560.000	J		
P3181-01	OR-02-070924	Solid	Phenol, 2,6-bis(1,1-dimethylethyl)	*	1,200.000	J		
P3181-01	OR-02-070924	Solid	unknown9.022	*	980.000	J		
P3181-01	OR-02-070924	Solid	unknown9.816	*	1,400.000	J		
P3181-01	OR-02-070924	Solid	Z-8-Hexadecene	*	1,500.000	J		
Total Tics :					17,820.00			
P3181-01	OR-02-070924	Solid	1-Methylnaphthalene		410.000	J	270	ug/Kg
P3181-01	OR-02-070924	Solid	2-Methylnaphthalene		400.000	J	270	ug/Kg
P3181-01	OR-02-070924	Solid	Benzo(a)anthracene		460.000	J	260	ug/Kg
P3181-01	OR-02-070924	Solid	Benzo(a)pyrene		490.000	J	300	ug/Kg
P3181-01	OR-02-070924	Solid	Benzo(b)fluoranthene		880.000		260	ug/Kg
P3181-01	OR-02-070924	Solid	Benzo(g,h,i)perylene		260.000	J	260	ug/Kg
P3181-01	OR-02-070924	Solid	Benzo(k)fluoranthene		290.000	J	270	ug/Kg
P3181-01	OR-02-070924	Solid	Bis(2-ethylhexyl)phthalate		1,400.000		290	ug/Kg
P3181-01	OR-02-070924	Solid	Chrysene		690.000		260	ug/Kg
P3181-01	OR-02-070924	Solid	Fluoranthene		1,600.000		260	ug/Kg
P3181-01	OR-02-070924	Solid	Phenanthrene		3,500.000		270	ug/Kg
Total Svoc :					10,380.00			
Total Concentration:					28,200.00			
Client ID : COMP(00187-00189-00186)								
P3184-01	COMP(00187-00189-001	Solid	Butane, 2-methoxy-2-methyl-	*	2,900.000	J		
P3184-01	COMP(00187-00189-001	Solid	Heneicosane	*	640.000	J		
P3184-01	COMP(00187-00189-001	Solid	Hexanedioic acid, bis(2-ethylhexy	*	890.000	J		
P3184-01	COMP(00187-00189-001	Solid	Phenol, 2,6-bis(1,1-dimethylethyl)	*	720.000	J		
P3184-01	COMP(00187-00189-001	Solid	unknown12.469	*	400.000	J		
Total Tics :					5,550.00			
P3184-01	COMP(00187-00189-001	Solid	Benzo(b)fluoranthene		610.000	J	460	ug/Kg
P3184-01	COMP(00187-00189-001	Solid	Chrysene		540.000	J	450	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3184-01	COMP(00187-00189-001	Solid	Fluoranthene	1,100.000		460	960	ug/Kg
P3184-01	COMP(00187-00189-001	Solid	Phenanthrene	510.000	J	470	960	ug/Kg
P3184-01	COMP(00187-00189-001	Solid	Pyrene	910.000	J	470	960	ug/Kg
Total Svoc :				3,670.00				
Total Concentration:				9,220.00				
Client ID : MOO-23-00199								
P3184-04	MOO-23-00199	Solid	Octadecane, 1-bromo-	*	420.000	J		
Total Tics :				420.00				
P3184-04	MOO-23-00199	Solid	Acetophenone		180.000	92.1	180	ug/Kg
Total Svoc :				180.00				
Total Concentration:				600.00				
Client ID : MOO-23-00199								
P3184-06	MOO-23-00199	water	Acetophenone		26.700	J 11	50	ug/L
Total Svoc :				26.70				
Total Concentration:				26.70				
Client ID : WC-1								
P3187-01	WC-1	Solid	13-Docosenamide, (Z)-	*	210.000	J		
P3187-01	WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3187-01	WC-1	Solid	n-Hexadecanoic acid	*	92.900	J		
P3187-01	WC-1	Solid	Propane, 2-methyl-2-(1-methyleth	*	130.000	J		
P3187-01	WC-1	Solid	unknown9.992	*	46.000	J		
Total Tics :				2,078.90				
Total Concentration:				2,078.90				
Client ID : WC-2								
P3187-05	WC-2	Solid	11H-Benzo[a]fluorene	*	61.500	J		
P3187-05	WC-2	Solid	11H-Benzo[b]fluorene	*	62.900	J		
P3187-05	WC-2	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P3187-05	WC-2	Solid	4H-Cyclopenta[def]phenanthrene	*	74.600	J		
P3187-05	WC-2	Solid	Benzene, (1-methyldecyl)-	*	76.000	J		
P3187-05	WC-2	Solid	Benzo[e]pyrene	*	170.000	J		
P3187-05	WC-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3187-05	WC-2	Solid	Decane	*	110.000	J		
P3187-05	WC-2	Solid	Dodecyl nonyl ether	*	200.000	J		
P3187-05	WC-2	Solid	Eicosane, 7-hexyl-	*	75.300	J		
P3187-05	WC-2	Solid	Heptadecane	*	52.700	J		
P3187-05	WC-2	Solid	n-Hexadecanoic acid	*	480.000	J		
P3187-05	WC-2	Solid	Naphtho[2,1-b]thiophene	*	86.700	J		
P3187-05	WC-2	Solid	Octacosane	*	64.200	J		
P3187-05	WC-2	Solid	Octadecanoic acid	*	88.500	J		

Hit Summary Sheet SW-846

SDG No.: BF071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3187-05	WC-2	Solid	Propane, 2-methyl-2-(1-methyleth	*	130.000	J		
P3187-05	WC-2	Solid	Sulfurous acid, 2-propyl undecyl	*	62.200	J		
P3187-05	WC-2	Solid	Supraene	*	250.000	J		
P3187-05	WC-2	Solid	Tetradecanoic acid	*	89.200	J		
P3187-05	WC-2	Solid	unknown9.992	*	66.300	J		
Total Tics :					4,050.10			
P3187-05	WC-2	Solid	Anthracene		130.000	58.5	120	ug/Kg
P3187-05	WC-2	Solid	Benzo(a)anthracene		290.000	55.9	120	ug/Kg
P3187-05	WC-2	Solid	Benzo(a)pyrene		260.000	64.5	120	ug/Kg
P3187-05	WC-2	Solid	Benzo(b)fluoranthene		300.000	56.2	120	ug/Kg
P3187-05	WC-2	Solid	Benzo(g,h,i)perylene	J	84.100	55.5	120	ug/Kg
P3187-05	WC-2	Solid	Benzo(k)fluoranthene		120.000	57.3	120	ug/Kg
P3187-05	WC-2	Solid	Chrysene		260.000	55.1	120	ug/Kg
P3187-05	WC-2	Solid	Fluoranthene		510.000	56.6	120	ug/Kg
P3187-05	WC-2	Solid	Indeno(1,2,3-cd)pyrene	J	84.100	54.1	120	ug/Kg
P3187-05	WC-2	Solid	Phenanthrene		390.000	58.2	120	ug/Kg
P3187-05	WC-2	Solid	Pyrene		360.000	57.5	120	ug/Kg
Total Svoc :					2,788.20			
Total Concentration:					6,838.30			

Client ID : 352

P3208-01	352	Solid	(S)-(+)-1,2-Propanediol	*	64.800	J		
P3208-01	352	Solid	1-Phenoxypropan-2-ol	*	65.600	J		
P3208-01	352	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3208-01	352	Solid	Benzo[e]pyrene	*	95.800	J		
P3208-01	352	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3208-01	352	Solid	n-Hexadecanoic acid	*	140.000	J		
P3208-01	352	Solid	Nonadecane	*	63.000	J		
P3208-01	352	Solid	Octacosane	*	76.600	J		
P3208-01	352	Solid	Octadecanoic acid	*	53.000	J		
P3208-01	352	Solid	unknown9.998	*	730.000	J		
Total Tics :					2,798.80			
P3208-01	352	Solid	Benzo(a)anthracene		100.000	48.4	100	ug/Kg
P3208-01	352	Solid	Benzo(a)pyrene		100.000	55.8	100	ug/Kg
P3208-01	352	Solid	Benzo(b)fluoranthene		180.000	48.6	100	ug/Kg
P3208-01	352	Solid	Benzo(k)fluoranthene	J	58.400	49.5	100	ug/Kg
P3208-01	352	Solid	Chrysene		150.000	47.7	100	ug/Kg
P3208-01	352	Solid	Fluoranthene		180.000	49	100	ug/Kg
P3208-01	352	Solid	Phenanthrene	J	74.300	50.4	100	ug/Kg
P3208-01	352	Solid	Pyrene		130.000	49.8	100	ug/Kg
Total Svoc :					972.70			

Hit Summary Sheet SW-846

SDG No.: BF071124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,771.50				
Client ID : VNJ-207								
P3208-03	VNJ-207	Solid	(S)-(+)-1,2-Propanediol	*	9,100.000	J		
P3208-03	VNJ-207	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3208-03	VNJ-207	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3208-03	VNJ-207	Solid	n-Hexadecanoic acid	*	110.000	J		
Total Tics :				10,620.00				
P3208-03	VNJ-207	Solid	Benzo(a)anthracene		49.800	J	48.4	100 ug/Kg
P3208-03	VNJ-207	Solid	Benzo(b)fluoranthene		84.400	J	48.6	100 ug/Kg
P3208-03	VNJ-207	Solid	Chrysene		61.600	J	47.7	100 ug/Kg
P3208-03	VNJ-207	Solid	Fluoranthene		96.900	J	49	100 ug/Kg
P3208-03	VNJ-207	Solid	Pyrene		64.100	J	49.8	100 ug/Kg
Total Svoc :				356.80				
Total Concentration:				10,976.80				



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.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 11:58

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	PB161993BL	128965	6.86	513458	8.15	293627	9.90
02	PB161993BS	128100	6.87	527348	8.15	292519	9.90
03	PB161973TB	94717	6.86	382675	8.15	220128	9.90
04	N28660	82370	6.86	330055	8.14	182061	9.90
05	VNJ-226	83036	6.86	332744	8.15	183484	9.90
06	VNJ-226MS	86617	6.87	344587	8.15	186910	9.90
07	VNJ-226MSD	86557	6.87	342308	8.15	186000	9.90
08	VNJ-229	82573	6.86	331465	8.14	183427	9.90
09	COMP (00187-00189-00186)	87923	6.86	353016	8.14	194613	9.90
10	MOO-23-00199	89313	6.86	357560	8.15	197656	9.90
11	WC-1	87709	6.86	347734	8.14	193200	9.90
12	WC-2	82772	6.86	321763	8.14	179832	9.90
13	WC-3	80664	6.86	323736	8.15	177746	9.90
14	WC-1	87709	6.86	354705	8.14	186138	9.90
15	WC-1MS	83260	6.86	329832	8.15	177879	9.90
16	WC-1MSD	83811	6.86	330288	8.15	179528	9.90
17	WC-2	84640	6.86	329907	8.15	176605	9.90
18	352	93132	6.86	367441	8.15	180376	9.90
19	VNJ-207	89569	6.86	349463	8.15	167446	9.90
20	MOO-23-00199	59973	6.86	212551	8.15	106693 *	9.95
21	OR-02-070924	60888	6.86	223044	8.15	112070	9.90
22	COMP (00187-00189-00186)	74534	6.86	269403	8.15	122450	9.90



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 22:54

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.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138516.D Time Analyzed: 11:58

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	105808	6.869	418460	8.15	235364	9.90
	UPPER LIMIT	211616	7.369	836920	8.651	470728	10.404
	LOWER LIMIT	52904	6.369	209230	7.651	117682	9.404
	EPA SAMPLE NO.						
01	PB161993BL	128965	6.86	513458	8.15	293627	9.90
02	PB161993BS	128100	6.87	527348	8.15	292519	9.90
03	PB161973TB	94717	6.86	382675	8.15	220128	9.90
04	N28660	82370	6.86	330055	8.14	182061	9.90
05	VNJ-226	83036	6.86	332744	8.15	183484	9.90
06	VNJ-226MS	86617	6.87	344587	8.15	186910	9.90
07	VNJ-226MSD	86557	6.87	342308	8.15	186000	9.90
08	VNJ-229	82573	6.86	331465	8.14	183427	9.90
09	COMP (00187-00189-00186)	87923	6.86	353016	8.14	194613	9.90
10	MOO-23-00199	89313	6.86	357560	8.15	197656	9.90
11	WC-1	87709	6.86	347734	8.14	193200	9.90
12	WC-2	82772	6.86	321763	8.14	179832	9.90
13	WC-3	80664	6.86	323736	8.15	177746	9.90
14	WC-1	87709	6.86	354705	8.14	186138	9.90
15	WC-1MS	83260	6.86	329832	8.15	177879	9.90
16	WC-1MSD	83811	6.86	330288	8.15	179528	9.90
17	WC-2	84640	6.86	329907	8.15	176605	9.90
18	352	93132	6.86	367441	8.15	180376	9.90
19	VNJ-207	89569	6.86	349463	8.15	167446	9.90
20	MOO-23-00199	59973	6.86	212551	8.15	106693 *	9.95
21	OR-02-070924	60888	6.86	223044	8.15	112070 *	9.90
22	COMP (00187-00189-00186)	74534	6.86	269403	8.15	122450	9.90



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138516.D Time Analyzed: 22:54

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	105808	6.869	418460	8.15	235364	9.90
UPPER LIMIT	211616	7.369	836920	8.651	470728	10.404
LOWER LIMIT	52904	6.369	209230	7.651	117682	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.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 11:58

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	PB161993BL	528598	11.39	362884 *	14.02	287266	15.49
02	PB161993BS	509310	11.39	246232	14.03	233225	15.49
03	PB161973TB	401799	11.39	266549	14.02	204485	15.49
04	N28660	284472	11.38	161729	14.02	137482	15.48
05	VNJ-226	278217	11.38	161436	14.02	133676	15.48
06	VNJ-226MS	296380	11.39	165443	14.02	181401	15.49
07	VNJ-226MSD	285205	11.39	159563	14.02	178560	15.49
08	VNJ-229	291262	11.38	165660	14.02	132986	15.48
09	COMP (00187-00189-00186)	300152	11.38	170653	14.02	145695	15.48
10	MOO-23-00199	299057	11.38	177043	14.02	144046	15.48
11	WC-1	298026	11.38	173221	14.02	126458	15.48
12	WC-2	275959	11.38	158825	14.02	120363	15.48
13	WC-3	264936	11.38	155867	14.02	123197	15.48
14	WC-1	281170	11.38	169671	14.02	155800	15.48
15	WC-1MS	267943	11.39	155626	14.02	176289	15.48
16	WC-1MSD	271462	11.39	154269	14.02	179182	15.48
17	WC-2	252020	11.38	150582	14.02	175035	15.48
18	352	257051	11.38	179480	14.02	190890	15.49
19	VNJ-207	237928	11.38	181182	14.02	186132	15.49
20	MOO-23-00199	63161 *	11.38	69660 *	14.07	73850 *	15.49
21	OR-02-070924	136035 *	11.43	159108	14.06	137030	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138486.D Time Analyzed: 22:54

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.						
22 COMP(00187-00189-00186)	204408	11.38	157919	14.02	116759	15.49

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.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138516.D Time Analyzed: 11:58

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	401703	11.386	204551	14.021	182899	15.486
	UPPER LIMIT	803406	11.886	409102	14.521	365798	15.986
	LOWER LIMIT	200851.5	10.886	102275.5	13.521	91449.5	14.986
	EPA SAMPLE NO.						
01	PB161993BL	528598	11.39	362884	14.02	287266	15.49
02	PB161993BS	509310	11.39	246232	14.03	233225	15.49
03	PB161973TB	401799	11.39	266549	14.02	204485	15.49
04	N28660	284472	11.38	161729	14.02	137482	15.48
05	VNJ-226	278217	11.38	161436	14.02	133676	15.48
06	VNJ-226MS	296380	11.39	165443	14.02	181401	15.49
07	VNJ-226MSD	285205	11.39	159563	14.02	178560	15.49
08	VNJ-229	291262	11.38	165660	14.02	132986	15.48
09	COMP(00187-00189-00186)	300152	11.38	170653	14.02	145695	15.48
10	MOO-23-00199	299057	11.38	177043	14.02	144046	15.48
11	WC-1	298026	11.38	173221	14.02	126458	15.48
12	WC-2	275959	11.38	158825	14.02	120363	15.48
13	WC-3	264936	11.38	155867	14.02	123197	15.48
14	WC-1	281170	11.38	169671	14.02	155800	15.48
15	WC-1MS	267943	11.39	155626	14.02	176289	15.48
16	WC-1MSD	271462	11.39	154269	14.02	179182	15.48
17	WC-2	252020	11.38	150582	14.02	175035	15.48
18	352	257051	11.38	179480	14.02	190890	15.49
19	VNJ-207	237928	11.38	181182	14.02	186132	15.49
20	MOO-23-00199	63161 *	11.38	69660 *	14.07	73850 *	15.49
21	OR-02-070924	136035 *	11.43	159108	14.06	137030	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF071124 SAS No.: BF071124 SDG NO.: BF071124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jul 11 2024 12:00AM

Lab File ID: BF138516.D Time Analyzed: 22:54

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	401703	11.386	204551	14.021	182899	15.486
UPPER LIMIT	803406	11.886	409102	14.521	365798	15.986
LOWER LIMIT	200851.5	10.886	102275.5	13.521	91449.5	14.986
EPA SAMPLE NO.						
22 COMP(00187-00189-00186)	204408	11.38	157919	14.02	116759	15.49

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.: BF071124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161993BS	n-Nitrosodimethylamine	50	44.8	ug/L	90				55	108	
	Pyridine	50	33.9	ug/L	68				29	97	
	Benzaldehyde	50	17.9	ug/L	36				15	121	
	Aniline	50	27.5	ug/L	55				10	130	
	Phenol	50	44.9	ug/L	90				66	118	
	bis(2-Chloroethyl)ether	50	48	ug/L	96				62	103	
	2-Chlorophenol	50	48	ug/L	96				70	117	
	1,2-Dichlorobenzene	50	43.7	ug/L	87				72	102	
	1,3-Dichlorobenzene	50	42.4	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	42.4	ug/L	85				76	103	
	Benzyl Alcohol	50	47	ug/L	94		*		36	93	
	2-Methylphenol	50	45.8	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.5	ug/L	87				52	103	
	Acetophenone	50	43.3	ug/L	87				60	104	
	3+4-Methylphenols	50	44.3	ug/L	89				67	106	
	N-Nitroso-di-n-propylamine	50	44.9	ug/L	90				57	107	
	Hexachloroethane	50	43.6	ug/L	87				76	118	
	Nitrobenzene	50	42.4	ug/L	85				58	106	
	Isophorone	50	44.8	ug/L	90				61	102	
	2-Nitrophenol	50	47	ug/L	94				70	115	
	2,4-Dimethylphenol	50	49	ug/L	98				67	130	
	bis(2-Chloroethoxy)methane	50	44.2	ug/L	88				58	109	
	2,4-Dichlorophenol	50	44.8	ug/L	90				66	115	
	1,2,4-Trichlorobenzene	50	42.6	ug/L	85				41	115	
	Benzoic acid	50	47.2	ug/L	94				10	125	
	Naphthalene	50	42.6	ug/L	85				64	107	
	4-Chloroaniline	50	24	ug/L	48				10	85	
	Hexachlorobutadiene	50	41.3	ug/L	83				69	101	
	Caprolactam	50	43.5	ug/L	87				58	128	
	4-Chloro-3-methylphenol	50	44.8	ug/L	90				65	114	
	2-Methylnaphthalene	50	42.6	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	45.1	ug/L	90				61	110	
	2,4,5-Trichlorophenol	50	43.2	ug/L	86				70	106	
	1,1-Biphenyl	50	42.2	ug/L	84				72	98	
	2-Chloronaphthalene	50	42.6	ug/L	85				59	106	
	2-Nitroaniline	50	45.9	ug/L	92				58	107	
	Dimethylphthalate	50	45.4	ug/L	91				64	103	
	Acenaphthylene	50	46.4	ug/L	93				65	108	
	2,6-Dinitrotoluene	50	43.7	ug/L	87				64	110	
	3-Nitroaniline	50	29.7	ug/L	59				28	100	
	Acenaphthene	50	42.6	ug/L	85				59	113	
	Total PAH	800	737.6	ug/L	92				59	113	
	2,4-Dinitrophenol	100	94.4	ug/L	94				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF071124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161993BS	4-Nitrophenol	100	90.7	ug/L	91				68	116	
	Dibenzofuran	50	43	ug/L	86				65	106	
	2,4-Dinitrotoluene	50	45.9	ug/L	92				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	89.6	ug/L	90				60	115	
	Diethylphthalate	50	45	ug/L	90				63	105	
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				61	104	
	Fluorene	50	42.4	ug/L	85				64	107	
	4-Nitroaniline	50	42.4	ug/L	85				69	112	
	4,6-Dinitro-2-methylphenol	50	51.9	ug/L	104				62	132	
	N-Nitrosodiphenylamine	50	44.3	ug/L	89				61	109	
	Azobenzene	50	44	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50	44.7	ug/L	89				73	103	
	Hexachlorobenzene	50	44.4	ug/L	89				73	106	
	Atrazine	50	40.5	ug/L	81				76	120	
	Pentachlorophenol	100	88.8	ug/L	89				47	114	
	Phenanthrene	50	44.6	ug/L	89				62	109	
	Anthracene	50	45.4	ug/L	91				65	110	
	Carbazole	50	43.7	ug/L	87				62	106	
	Di-n-butylphthalate	50	46.2	ug/L	92				64	106	
	Fluoranthene	50	43.7	ug/L	87				64	110	
	Benzidine	100	8.4	ug/L	8		*		10	94	
	Pyrene	50	45.8	ug/L	92				71	103	
	Butylbenzylphthalate	50	51.6	ug/L	103				61	105	
	3,3-Dichlorobenzidine	50	39.1	ug/L	78				43	108	
	Benzo(a)anthracene	50	45.4	ug/L	91				62	107	
	Chrysene	50	45.4	ug/L	91				61	108	
	bis(2-Ethylhexyl)phthalate	50	52.3	ug/L	105				59	110	
	Di-n-octyl phthalate	50	51.7	ug/L	103				67	126	
	Benzo(b)fluoranthene	50	45.8	ug/L	92				77	113	
	Benzo(k)fluoranthene	50	48.8	ug/L	98				64	113	
	Benzo(a)pyrene	50	50.5	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.7	ug/L	101				72	105	
	Dibenz(a,h)anthracene	50	50.9	ug/L	102				78	115	
	Benzo(g,h,i)perylene	50	46.6	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86				72	101	
	1,4-Dioxane	50	33.6	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	46.3	ug/L	93				63	116	
	1-Methylnaphthalene	50	40.4	ug/L	81				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071124

SAS No.: BF071124 SDG NO.: BF071124

Lab File ID: BF138530.D

Lab Sample ID: P3187-01

Instrument ID: BNA_F

Date Extracted: 07/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 18:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-1	P3187-01	BF138530.D	07/11/2024
WC-1MS	P3187-01MS	BF138531.D	07/11/2024
WC-1MSD	P3187-01MSD	BF138532.D	07/11/2024
WC-2	P3187-05	BF138533.D	07/11/2024
MOO-23-00199	P3184-04	BF138536.D	07/11/2024
OR-02-070924	P3181-01	BF138537.D	07/11/2024
COMP(00187-00189-00186)	P3184-01	BF138538.D	07/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161993BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071124

SAS No.: BF071124 SDG NO.: BF071124

Lab File ID: BF138517.D

Lab Sample ID: PB161993BL

Instrument ID: BNA_F

Date Extracted: 07/10/2024

Matrix: (soil/water) water

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 11:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161993BS	PB161993BS	BF138518.D	07/11/2024
PB161973TB	PB161973TB	BF138519.D	07/11/2024
N28660	P3183-02	BF138520.D	07/11/2024
VNJ-226	P3183-06	BF138521.D	07/11/2024
VNJ-226MS	P3183-06MS	BF138522.D	07/11/2024
VNJ-226MSD	P3183-06MSD	BF138523.D	07/11/2024
VNJ-229	P3183-08	BF138524.D	07/11/2024
COMP (00187-00189-00186)	P3184-03	BF138525.D	07/11/2024
MOO-23-00199	P3184-06	BF138526.D	07/11/2024
WC-1	P3187-04	BF138527.D	07/11/2024
WC-2	P3187-08	BF138528.D	07/11/2024
WC-3	P3187-12	BF138529.D	07/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

352

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF071124

SAS No.: BF071124 SDG NO.: BF071124

Lab File ID: BF138534.D

Lab Sample ID: P3208-01

Instrument ID: BNA_F

Date Extracted: 07/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/11/2024

Level: (low/med) LOW

Time Analyzed: 20:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
352	P3208-01	BF138534.D	07/11/2024
VNJ-207	P3208-03	BF138535.D	07/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3183-06MS		Client Sample ID: VNJ-226MS		DataFile: BF138522.D							
n-Nitrosodimethylamine	500		560	ug/L	112				10	130	
Pyridine	500		340	ug/L	68				10	109	
Benzaldehyde	500		50.3	ug/L	10				10	137	
Aniline	500		250	ug/L	50				10	130	
Phenol	500		550	ug/L	110				10	130	
bis(2-Chloroethyl)ether	500		570	ug/L	114				29	141	
2-Chlorophenol	500		590	ug/L	118				23	127	
1,2-Dichlorobenzene	500		540	ug/L	108				61	114	
1,3-Dichlorobenzene	500		530	ug/L	106				65	106	
1,4-Dichlorobenzene	500		520	ug/L	104				55	125	
Benzyl Alcohol	500		590	ug/L	118	*			31	94	
2-Methylphenol	500		580	ug/L	116				23	132	
2,2-oxybis(1-Chloropropane)	500		550	ug/L	110				36	141	
Acetophenone	500		510	ug/L	102				31	164	
3+4-Methylphenols	500		560	ug/L	112				17	136	
N-Nitroso-di-n-propylamine	500		570	ug/L	114				36	147	
Hexachloroethane	500		540	ug/L	108				35	137	
Nitrobenzene	500		540	ug/L	108				40	134	
Isophorone	500		590	ug/L	118				39	146	
2-Nitrophenol	500		600	ug/L	120				30	148	
2,4-Dimethylphenol	500		640	ug/L	128				17	143	
bis(2-Chloroethoxy)methane	500		580	ug/L	116				39	143	
2,4-Dichlorophenol	500		590	ug/L	118				22	146	
1,2,4-Trichlorobenzene	500		530	ug/L	106				66	110	
Benzoic acid	500		530	ug/L	106	*			10	101	
Naphthalene	500		540	ug/L	108				17	157	
4-Chloroaniline	500		150	ug/L	30				10	95	
Hexachlorobutadiene	500		520	ug/L	104				52	125	
Caprolactam	500		460	ug/L	92				10	130	
4-Chloro-3-methylphenol	500		570	ug/L	114				17	148	
2-Methylnaphthalene	500		560	ug/L	112				38	146	
Hexachlorocyclopentadiene	1000		1700	ug/L	170	*			20	153	
2,4,6-Trichlorophenol	500		600	ug/L	120				46	139	
2,4,5-Trichlorophenol	500		580	ug/L	116				42	129	
1,1-Biphenyl	500		540	ug/L	108				38	154	
2-Chloronaphthalene	500		570	ug/L	114				41	145	
2-Nitroaniline	500		560	ug/L	112				39	151	
Dimethylphthalate	500		610	ug/L	122				42	147	
Acenaphthylene	500		620	ug/L	124				40	141	
2,6-Dinitrotoluene	500		560	ug/L	112				43	148	
3-Nitroaniline	500		220	ug/L	44				10	111	
Acenaphthene	500		560	ug/L	112				37	146	
Total PAH	8000		8720	ug/L	109				37	146	
2,4-Dinitrophenol	1000		1000	ug/L	100				14	167	
4-Nitrophenol	1000		990	ug/L	99				10	130	
Dibenzofuran	500		570	ug/L	114				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		570	ug/L	114				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1130	ug/L	113				40	151	
Diethylphthalate	500		590	ug/L	118				41	148	
4-Chlorophenyl-phenylether	500		560	ug/L	112				38	149	
Fluorene	500		560	ug/L	112				39	144	
4-Nitroaniline	500		460	ug/L	92				27	138	
4,6-Dinitro-2-methylphenol	500		650	ug/L	130				32	175	
N-Nitrosodiphenylamine	500		620	ug/L	124				40	150	
Azobenzene	500		580	ug/L	116	*			72	112	
4-Bromophenyl-phenylether	500		620	ug/L	124				42	151	
Hexachlorobenzene	500		610	ug/L	122				60	129	
Atrazine	500		500	ug/L	100				20	162	
Pentachlorophenol	1000		1100	ug/L	110				15	137	
Phenanthrene	500		590	ug/L	118				40	147	
Anthracene	500		600	ug/L	120				41	146	
Carbazole	500		530	ug/L	106				37	154	
Di-n-butylphthalate	500		660	ug/L	132				40	151	
Fluoranthene	500		520	ug/L	104				42	146	
Benzidine	1000		48.8	ug/L	5	*			10	130	
Pyrene	500		470	ug/L	94				41	149	
Butylbenzylphthalate	500		690	ug/L	138				39	155	
3,3-Dichlorobenzidine	500		330	ug/L	66				10	114	
Benzo(a)anthracene	500		590	ug/L	118				41	147	
Chrysene	500		590	ug/L	118				44	144	
bis(2-Ethylhexyl)phthalate	500		920	ug/L	184	*			33	160	
Di-n-octyl phthalate	500		970	ug/L	194	*			36	158	
Benzo(b)fluoranthene	500		620	ug/L	124				40	150	
Benzo(k)fluoranthene	500		620	ug/L	124				40	147	
Benzo(a)pyrene	500		630	ug/L	126				42	147	
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86				30	166	
Dibenz(a,h)anthracene	500		430	ug/L	86				23	172	
Benzo(g,h,i)perylene	500		350	ug/L	70				27	167	
1,2,4,5-Tetrachlorobenzene	500		530	ug/L	106	*			89	102	
1,4-Dioxane	500		470	ug/L	94				38	130	
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*			91	111	
1-Methylnaphthalene	500		530	ug/L	106				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3183-06MSD		Client Sample ID: VNJ-226MSD		DataFile: BF138523.D							
n-Nitrosodimethylamine	500		540	ug/L	108		4		10	130	20
Pyridine	500		320	ug/L	64		6		10	109	20
Benzaldehyde	500		51.3	ug/L	10		0		10	137	20
Aniline	500		250	ug/L	50		0		10	130	20
Phenol	500		520	ug/L	104		6		10	130	20
bis(2-Chloroethyl)ether	500		550	ug/L	110		4		29	141	20
2-Chlorophenol	500		570	ug/L	114		3		23	127	20
1,2-Dichlorobenzene	500		510	ug/L	102		6		61	114	20
1,3-Dichlorobenzene	500		500	ug/L	100		6		65	106	20
1,4-Dichlorobenzene	500		500	ug/L	100		4		55	125	20
Benzyl Alcohol	500		570	ug/L	114	*	3		31	94	20
2-Methylphenol	500		550	ug/L	110		5		23	132	20
2,2-oxybis(1-Chloropropane)	500		520	ug/L	104		6		36	141	20
Acetophenone	500		490	ug/L	98		4		31	164	20
3+4-Methylphenols	500		530	ug/L	106		6		17	136	20
N-Nitroso-di-n-propylamine	500		540	ug/L	108		5		36	147	20
Hexachloroethane	500		510	ug/L	102		6		35	137	20
Nitrobenzene	500		530	ug/L	106		2		40	134	20
Isophorone	500		560	ug/L	112		5		39	146	20
2-Nitrophenol	500		580	ug/L	116		3		30	148	20
2,4-Dimethylphenol	500		620	ug/L	124		3		17	143	20
bis(2-Chloroethoxy)methane	500		560	ug/L	112		4		39	143	20
2,4-Dichlorophenol	500		570	ug/L	114		3		22	146	20
1,2,4-Trichlorobenzene	500		520	ug/L	104		2		66	110	20
Benzoic acid	500		500	ug/L	100		6		10	101	20
Naphthalene	500		520	ug/L	104		4		17	157	20
4-Chloroaniline	500		160	ug/L	32		6		10	95	20
Hexachlorobutadiene	500		500	ug/L	100		4		52	125	20
Caprolactam	500		440	ug/L	88		4		10	130	20
4-Chloro-3-methylphenol	500		550	ug/L	110		4		17	148	20
2-Methylnaphthalene	500		540	ug/L	108		4		38	146	20
Hexachlorocyclopentadiene	1000		1600	ug/L	160	*	6		20	153	20
2,4,6-Trichlorophenol	500		570	ug/L	114		5		46	139	20
2,4,5-Trichlorophenol	500		560	ug/L	112		4		42	129	20
1,1-Biphenyl	500		520	ug/L	104		4		38	154	20
2-Chloronaphthalene	500		550	ug/L	110		4		41	145	20
2-Nitroaniline	500		550	ug/L	110		2		39	151	20
Dimethylphthalate	500		580	ug/L	116		5		42	147	20
Acenaphthylene	500		590	ug/L	118		5		40	141	20
2,6-Dinitrotoluene	500		550	ug/L	110		2		43	148	20
3-Nitroaniline	500		220	ug/L	44		0		10	111	20
Acenaphthene	500		540	ug/L	108		4		37	146	20
Total PAH	8000		8390	ug/L	105		4		37	146	20
2,4-Dinitrophenol	1000		990	ug/L	99		1		14	167	20
4-Nitrophenol	1000		920	ug/L	92		7		10	130	20
Dibenzofuran	500		550	ug/L	110		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		540	ug/L	108		5		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1090	ug/L	109		4		40	151	20
Diethylphthalate	500		560	ug/L	112		5		41	148	20
4-Chlorophenyl-phenylether	500		530	ug/L	106		6		38	149	20
Fluorene	500		530	ug/L	106		6		39	144	20
4-Nitroaniline	500		440	ug/L	88		4		27	138	20
4,6-Dinitro-2-methylphenol	500		640	ug/L	128		2		32	175	20
N-Nitrosodiphenylamine	500		610	ug/L	122		2		40	150	20
Azobenzene	500		550	ug/L	110		5		72	112	20
4-Bromophenyl-phenylether	500		620	ug/L	124		0		42	151	20
Hexachlorobenzene	500		600	ug/L	120		2		60	129	20
Atrazine	500		500	ug/L	100		0		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		0		15	137	20
Phenanthrene	500		580	ug/L	116		2		40	147	20
Anthracene	500		590	ug/L	118		2		41	146	20
Carbazole	500		520	ug/L	104		2		37	154	20
Di-n-butylphthalate	500		640	ug/L	128		3		40	151	20
Fluoranthene	500		510	ug/L	102		2		42	146	20
Benzidine	1000		66.7	ug/L	7	*	33	*	10	130	20
Pyrene	500		450	ug/L	90		4		41	149	20
Butylbenzylphthalate	500		650	ug/L	130		6		39	155	20
3,3-Dichlorobenzidine	500		370	ug/L	74		11		10	114	20
Benzo(a)anthracene	500		570	ug/L	114		3		41	147	20
Chrysene	500		580	ug/L	116		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		880	ug/L	176	*	4		33	160	20
Di-n-octyl phthalate	500		920	ug/L	184	*	5		36	158	20
Benzo(b)fluoranthene	500		610	ug/L	122		2		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		5		40	147	20
Benzo(a)pyrene	500		600	ug/L	120		5		42	147	20
Indeno(1,2,3-cd)pyrene	500		400	ug/L	80		7		30	166	20
Dibenz(a,h)anthracene	500		400	ug/L	80		7		23	172	20
Benzo(g,h,i)perylene	500		330	ug/L	66		6		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		4		89	102	20
1,4-Dioxane	500		450	ug/L	90		4		38	130	20
2,3,4,6-Tetrachlorophenol	500		570	ug/L	114	*	5		91	111	20
1-Methylnaphthalene	500		510	ug/L	102		4		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3187-01MS		Client Sample ID: WC-1MS		DataFile: BF138531.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109				66	124	
Pyridine	1100		1000	ug/Kg	91				45	119	
Benzaldehyde	1100		230	ug/Kg	21	*			26	163	
Aniline	1100		960	ug/Kg	87				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				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		1200	ug/Kg	109				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		1200	ug/Kg	109				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		1300	ug/Kg	118				83	144	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*			57	103	
Benzoic acid	1100		990	ug/Kg	90				50	104	
Naphthalene	1100		1200	ug/Kg	109				72	110	
4-Chloroaniline	1100		760	ug/Kg	69				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1000	ug/Kg	91				51	134	
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100		1200	ug/Kg	109				59	123	
Hexachlorocyclopentadiene	2200		3600	ug/Kg	164				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		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		900	ug/Kg	82				20	111	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		18270	ug/Kg	104				70	121	
2,4-Dinitrophenol	2200		1900	ug/Kg	86				16	160	
4-Nitrophenol	2200		1900	ug/Kg	86				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118				32	145	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				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		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100		1200	ug/Kg	109				72	113	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1400	ug/Kg	127	*			69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2200		300	ug/Kg	14				10	119	
Pyrene	1100		950	ug/Kg	86				52	128	
Butylbenzylphthalate	1100		1400	ug/Kg	127	*			64	126	
3,3-Dichlorobenzidine	1100		1300	ug/Kg	118				10	164	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1300	ug/Kg	118				57	121	
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164	*			66	127	
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*			71	126	
Benzo(b)fluoranthene	1100		1300	ug/Kg	118				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118	*			74	114	
Benzo(a)pyrene	1100		1300	ug/Kg	118				70	142	
Indeno(1,2,3-cd)pyrene	1100		890	ug/Kg	81				61	125	
Dibenz(a,h)anthracene	1100		890	ug/Kg	81				67	130	
Benzo(g,h,i)perylene	1100		740	ug/Kg	67				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3187-01MSD		Client Sample ID: WC-1MSD		DataFile: BF138532.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109		0		66	124	20
Pyridine	1100		1100	ug/Kg	100		9		45	119	20
Benzaldehyde	1100		220	ug/Kg	20	*	5		26	163	20
Aniline	1100		1100	ug/Kg	100	*	14		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		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		0		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		0		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		1400	ug/Kg	127		7		83	144	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		0		68	112	20
2,4-Dichlorophenol	1100		1300	ug/Kg	118		8		72	118	20
1,2,4-Trichlorobenzene	1100		1200	ug/Kg	109	*	0		57	103	20
Benzoic acid	1100		1000	ug/Kg	91		1		50	104	20
Naphthalene	1100		1200	ug/Kg	109		0		72	110	20
4-Chloroaniline	1100		870	ug/Kg	79		14		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		9		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	2200		3600	ug/Kg	164		0		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		8		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		9		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		0		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		0		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		0		70	125	20
3-Nitroaniline	1100		880	ug/Kg	80		2		20	111	20
Acenaphthene	1100		1200	ug/Kg	109		0		70	121	20
Total PAH	17600		18280	ug/Kg	104		0		70	121	20
2,4-Dinitrophenol	2200		1900	ug/Kg	86		0		16	160	20
4-Nitrophenol	2200		1900	ug/Kg	86		0		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		0		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		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		9		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		0		32	145	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		7		65	121	20
Hexachlorobenzene	1100		1300	ug/Kg	118		0		67	118	20
Atrazine	1100		1200	ug/Kg	109		0		79	127	20
Pentachlorophenol	2200		2200	ug/Kg	100		0		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		72	113	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1400	ug/Kg	127	*	0		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		0		59	125	20
Benzidine	2200		700	ug/Kg	32		78	*	10	119	20
Pyrene	1100		970	ug/Kg	88		2		52	128	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	0		64	126	20
3,3-Dichlorobenzidine	1100		1300	ug/Kg	118		0		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1300	ug/Kg	118		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1900	ug/Kg	173	*	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		1200	ug/Kg	109		8		74	114	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		890	ug/Kg	81		0		61	125	20
Dibenz(a,h)anthracene	1100		890	ug/Kg	81		0		67	130	20
Benzo(g,h,i)perylene	1100		730	ug/Kg	66		2		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1000	ug/Kg	91		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		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF071124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3181-01	OR-02-070924	BF138537.D	2-Fluorophenol	150	68.56	46		18	112
			Phenol-d6	150	67.88	45		15	107
			Nitrobenzene-d5	100	45.12	45		18	107
			2-Fluorobiphenyl	100	50.05	50		20	109
			2,4,6-Tribromophenol	150	59.44	40		10	110
			Terphenyl-d14	100	37.32	37		14	112
P3184-01	COMP(00187-0018	BF138538.D	2-Fluorophenol	150	84.98	57		18	112
			Phenol-d6	150	79.01	53		15	107
			Nitrobenzene-d5	100	55.51	56		18	107
			2-Fluorobiphenyl	100	65.11	65		20	109
			2,4,6-Tribromophenol	150	68.96	46		10	110
			Terphenyl-d14	100	54.75	55		14	112
P3184-04	MOO-23-00199	BF138536.D	2-Fluorophenol	150	49.45	33		18	112
			Phenol-d6	150	48.48	32		15	107
			Nitrobenzene-d5	100	34.64	35		18	107
			2-Fluorobiphenyl	100	38.05	38		20	109
			2,4,6-Tribromophenol	150	46.71	31		10	110
			Terphenyl-d14	100	30.98	31		14	112
P3187-01	WC-1	BF138530.D	2-Fluorophenol	150	94.12	63		18	112
			Phenol-d6	150	94.14	63		15	107
			Nitrobenzene-d5	100	62.92	63		18	107
			2-Fluorobiphenyl	100	68.64	69		20	109
			2,4,6-Tribromophenol	150	86.59	58		10	110
			Terphenyl-d14	100	63.81	64		14	112
P3187-01MS	WC-1MS	BF138531.D	2-Fluorophenol	150	91.79	61		18	112
			Phenol-d6	150	93.62	62		15	107
			Nitrobenzene-d5	100	62.88	63		18	107
			2-Fluorobiphenyl	100	66.35	66		20	109
			2,4,6-Tribromophenol	150	87.24	58		10	110
			Terphenyl-d14	100	63.58	64		14	112
P3187-01MSD	WC-1MSD	BF138532.D	2-Fluorophenol	150	91.51	61		18	112
			Phenol-d6	150	92.19	61		15	107
			Nitrobenzene-d5	100	63.18	63		18	107
			2-Fluorobiphenyl	100	65.85	66		20	109
			2,4,6-Tribromophenol	150	87.08	58		10	110
			Terphenyl-d14	100	64.99	65		14	112
P3187-05	WC-2	BF138533.D	2-Fluorophenol	150	91.89	61		18	112
			Phenol-d6	150	92.19	61		15	107
			Nitrobenzene-d5	100	63.72	64		18	107
			2-Fluorobiphenyl	100	66.66	67		20	109
			2,4,6-Tribromophenol	150	82.70	55		10	110
			Terphenyl-d14	100	59.57	60		14	112

Surrogate Summary

SW-846

SDG No.: **BF071124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3183-02	N28660	BF138520.D	2-Fluorophenol	150	152.12	101		10	139
			Phenol-d6	150	146.50	98		10	134
			Nitrobenzene-d5	100	102.48	102		49	133
			2-Fluorobiphenyl	100	103.26	103		52	132
			2,4,6-Tribromophenol	150	146.88	98		32	145
			Terphenyl-d14	100	102.53	103		36	145
P3183-06	VNJ-226	BF138521.D	2-Fluorophenol	150	150.91	101		10	139
			Phenol-d6	150	144.03	96		10	134
			Nitrobenzene-d5	100	101.99	102		49	133
			2-Fluorobiphenyl	100	101.50	102		52	132
			2,4,6-Tribromophenol	150	140.77	94		32	145
			Terphenyl-d14	100	98.00	98		36	145
P3183-06MS	VNJ-226MS	BF138522.D	2-Fluorophenol	150	149.46	100		10	139
			Phenol-d6	150	145.89	97		10	134
			Nitrobenzene-d5	100	101.90	102		49	133
			2-Fluorobiphenyl	100	103.53	104		52	132
			2,4,6-Tribromophenol	150	149.16	99		32	145
			Terphenyl-d14	100	103.95	104		36	145
P3183-06MSD	VNJ-226MSD	BF138523.D	2-Fluorophenol	150	142.16	95		10	139
			Phenol-d6	150	139.28	93		10	134
			Nitrobenzene-d5	100	97.59	98		49	133
			2-Fluorobiphenyl	100	99.40	99		52	132
			2,4,6-Tribromophenol	150	138.14	92		32	145
			Terphenyl-d14	100	100.47	100		36	145
P3183-08	VNJ-229	BF138524.D	2-Fluorophenol	150	151.49	101		10	139
			Phenol-d6	150	146.69	98		10	134
			Nitrobenzene-d5	100	103.48	103		49	133
			2-Fluorobiphenyl	100	102.59	103		52	132
			2,4,6-Tribromophenol	150	148.85	99		32	145
			Terphenyl-d14	100	102.56	103		36	145
P3184-03	COMP(00187-0018	BF138525.D	2-Fluorophenol	150	139.40	93		10	139
			Phenol-d6	150	125.75	84		10	134
			Nitrobenzene-d5	100	101.65	102		49	133
			2-Fluorobiphenyl	100	101.43	101		52	132
			2,4,6-Tribromophenol	150	140.59	94		32	145
			Terphenyl-d14	100	100.62	101		36	145
P3184-06	MOO-23-00199	BF138526.D	2-Fluorophenol	150	129.14	86		10	139
			Phenol-d6	150	116.00	77		10	134
			Nitrobenzene-d5	100	95.64	96		49	133
			2-Fluorobiphenyl	100	96.39	96		52	132
			2,4,6-Tribromophenol	150	131.16	87		32	145
			Terphenyl-d14	100	90.51	91		36	145
P3187-04	WC-1	BF138527.D	2-Fluorophenol	150	144.10	96		10	139
			Phenol-d6	150	138.20	92		10	134
			Nitrobenzene-d5	100	99.89	100		49	133
			2-Fluorobiphenyl	100	99.72	100		52	132
			2,4,6-Tribromophenol	150	138.02	92		32	145
			Terphenyl-d14	100	96.12	96		36	145
P3187-08	WC-2	BF138528.D	2-Fluorophenol	150	156.28	104		10	139

Surrogate Summary

SW-846

SDG No.: **BF071124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3187-08	WC-2	BF138528.D	Phenol-d6	150	149.80	100		10	134
			Nitrobenzene-d5	100	109.36	109		49	133
			2-Fluorobiphenyl	100	109.03	109		52	132
			2,4,6-Tribromophenol	150	148.45	99		32	145
			Terphenyl-d14	100	107.43	107		36	145
P3187-12	WC-3	BF138529.D	2-Fluorophenol	150	154.25	103		10	139
			Phenol-d6	150	147.52	98		10	134
			Nitrobenzene-d5	100	105.41	105		49	133
			2-Fluorobiphenyl	100	105.25	105		52	132
			2,4,6-Tribromophenol	150	143.69	96		32	145
PB161973TB	PB161973TB	BF138519.D	Terphenyl-d14	100	100.16	100		36	145
			2-Fluorophenol	150	143.65	96		10	139
			Phenol-d6	150	141.66	94		10	134
			Nitrobenzene-d5	100	96.28	96		49	133
			2-Fluorobiphenyl	100	95.41	95		52	132
PB161993BL	PB161993BL	BF138517.D	2,4,6-Tribromophenol	150	142.97	95		32	145
			Terphenyl-d14	100	91.88	92		36	145
			2-Fluorophenol	150	112.86	75		10	139
			Phenol-d6	150	109.31	73		10	134
			Nitrobenzene-d5	100	76.70	77		49	133
PB161993BS	PB161993BS	BF138518.D	2-Fluorobiphenyl	100	74.75	75		52	132
			2,4,6-Tribromophenol	150	114.70	76		32	145
			Terphenyl-d14	100	72.21	72		36	145
			2-Fluorophenol	150	126.28	84		10	139
			Phenol-d6	150	124.91	83		10	134
			Nitrobenzene-d5	100	83.30	83		49	133
			2-Fluorobiphenyl	100	81.71	82		52	132
			2,4,6-Tribromophenol	150	129.47	86		32	145
			Terphenyl-d14	100	103.26	103		36	145



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

Surrogate Summary

SW-846

SDG No.: BF071124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3208-01	352	BF138534.D	2-Fluorophenol	150	90.68	60		18	112
			Phenol-d6	150	88.31	59		15	107
			Nitrobenzene-d5	100	62.22	62		18	107
			2-Fluorobiphenyl	100	67.41	67		20	109
			2,4,6-Tribromophenol	150	76.61	51		10	110
			Terphenyl-d14	100	54.57	55		14	112
P3208-03	VNJ-207	BF138535.D	2-Fluorophenol	150	91.10	61		18	112
			Phenol-d6	150	89.66	60		15	107
			Nitrobenzene-d5	100	59.68	60		18	107
			2-Fluorobiphenyl	100	65.98	66		20	109
			2,4,6-Tribromophenol	150	72.60	48		10	110
			Terphenyl-d14	100	49.68	50		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071124

Lab Code: CHEM

SAS No.: BF071124

SDG NO.: BF071124

Lab File ID: BF138515.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.4
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	38.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.3
443	15.0 - 24.0% of mass 442	15.1 (19.5) 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	BF138516.D	07/11/2024	11:27
PB161993BL	PB161993BL	BF138517.D	07/11/2024	11:58
PB161993BS	PB161993BS	BF138518.D	07/11/2024	12:27
PB161973TB	PB161973TB	BF138519.D	07/11/2024	12:57
N28660	P3183-02	BF138520.D	07/11/2024	13:39
VNJ-226	P3183-06	BF138521.D	07/11/2024	14:10
VNJ-226MS	P3183-06MS	BF138522.D	07/11/2024	14:40
VNJ-226MSD	P3183-06MSD	BF138523.D	07/11/2024	15:11
VNJ-229	P3183-08	BF138524.D	07/11/2024	15:41
COMP (00187-00189-00186)	P3184-03	BF138525.D	07/11/2024	16:12
MOO-23-00199	P3184-06	BF138526.D	07/11/2024	16:43
WC-1	P3187-04	BF138527.D	07/11/2024	17:14
WC-2	P3187-08	BF138528.D	07/11/2024	17:46
WC-3	P3187-12	BF138529.D	07/11/2024	18:17
WC-1	P3187-01	BF138530.D	07/11/2024	18:48
WC-1MS	P3187-01MS	BF138531.D	07/11/2024	19:19
WC-1MSD	P3187-01MSD	BF138532.D	07/11/2024	19:50
WC-2	P3187-05	BF138533.D	07/11/2024	20:21

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF071124

Lab Code: CHEM

SAS No.: BF071124

SDG NO.: BF071124

Lab File ID: BF138515.D

DFTPP Injection Date: 07/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.4
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	38.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	77.3
443	15.0 - 24.0% of mass 442	15.1 (19.5) 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
352	P3208-01	BF138534.D	07/11/2024	20:52
VNJ-207	P3208-03	BF138535.D	07/11/2024	21:23
MOO-23-00199	P3184-04	BF138536.D	07/11/2024	21:53
OR-02-070924	P3181-01	BF138537.D	07/11/2024	22:23
COMP(00187-00189-00186)	P3184-01	BF138538.D	07/11/2024	22:54