

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG No.: BF091924

Instrument ID: BNA_F Calibration Date/Time: 9/19/2024 1:09:39

Lab File ID: BF139453.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	0.940	0.799		-15.0	
Pyridine	1.084	1.078		-0.554	
2-Fluorophenol	1.226	1.112		-9.299	
Benzaldehyde	0.930	0.839		-9.785	
Aniline	1.214	1.265		4.201	
Phenol-d6	1.609	1.461		-9.198	
Phenol	1.639	1.526		-6.894	20.0
bis(2-Chloroethyl)ether	1.246	1.121		-10.032	
2-Chlorophenol	1.262	1.162		-7.924	
1,2-Dichlorobenzene	1.370	1.257		-8.248	
1,3-Dichlorobenzene	1.435	1.320		-8.014	
1,4-Dichlorobenzene	1.450	1.345		-7.241	20.0
Benzyl Alcohol	1.284	1.162		-9.502	
2-Methylphenol	1.003	0.952		-5.085	
2,2-oxybis(1-Chloropropane)	1.920	1.972		2.708	
Acetophenone	0.523	0.476		-8.987	
3+4-Methylphenols	1.368	1.232		-9.942	
n-Nitroso-di-n-propylamine	0.954	0.909	0.050	-4.717	
Nitrobenzene-d5	0.425	0.397		-6.588	
Hexachloroethane	0.552	0.511		-7.428	
Nitrobenzene	0.438	0.413		-5.708	
Isophorone	0.673	0.646		-4.012	
2-Nitrophenol	0.171	0.173		1.17	20.0
2,4-Dimethylphenol	0.225	0.214		-4.889	
bis(2-Chloroethoxy)methane	0.383	0.381		-0.522	
2,4-Dichlorophenol	0.286	0.271		-5.245	20.0
1,2,4-Trichlorobenzene	0.333	0.309		-7.207	
Benzoic acid	0.211	0.197		-6.635	
Naphthalene	1.044	0.998		-4.406	
4-Chloroaniline	0.319	0.322		0.94	
Hexachlorobutadiene	0.226	0.207		-8.407	20.0
Caprolactam	0.088	0.082		-6.818	
4-Chloro-3-methylphenol	0.327	0.304		-7.034	20.0
2-Methylnaphthalene	0.663	0.623		-6.033	
Hexachlorocyclopentadiene	0.207	0.191	0.050	-7.729	
2,4,6-Trichlorophenol	0.386	0.358		-7.254	20.0
2-Fluorobiphenyl	1.426	1.308		-8.275	
2,4,5-Trichlorophenol	0.407	0.394		-3.194	
1,1-Biphenyl	1.539	1.461		-5.068	

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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	1.150	1.087		-5.478	
2-Nitroaniline	0.428	0.400		-6.542	
Dimethylphthalate	1.313	1.239		-5.636	
Acenaphthylene	1.732	1.630		-5.889	
2,6-Dinitrotoluene	0.291	0.285		-2.062	
3-Nitroaniline	0.291	0.285		-2.062	
Acenaphthene	1.209	1.122		-7.196	20.0
2,4-Dinitrophenol	0.162	0.141	0.050	-12.963	
4-Nitrophenol	0.240	0.206	0.050	-14.167	
Dibenzofuran	1.685	1.556		-7.656	
2,4-Dinitrotoluene	0.393	0.373		-5.089	
Diethylphthalate	1.355	1.269		-6.347	
4-Chlorophenyl-phenylether	0.668	0.622		-6.886	
Fluorene	1.375	1.250		-9.091	
4-Nitroaniline	0.317	0.281		-11.356	
4,6-Dinitro-2-methylphenol	0.106	0.106		0.0	
n-Nitrosodiphenylamine	0.585	0.573		-2.051	20.0
Azobenzene	1.332	1.240		-6.907	
2,4,6-Tribromophenol	0.213	0.187		-12.207	
4-Bromophenyl-phenylether	0.198	0.198		0.0	
Hexachlorobenzene	0.233	0.227		-2.575	
Atrazine	0.139	0.124		-10.791	
Pentachlorophenol	0.140	0.134		-4.286	20.0
Phenanthrene	0.965	0.916		-5.078	
Anthracene	0.943	0.898		-4.772	
Carbazole	0.903	0.828		-8.306	
Di-n-butylphthalate	1.006	0.971		-3.479	
Fluoranthene	1.030	0.937		-9.029	20.0
Benzidine	0.287	0.376		31.01	
Pyrene	1.717	1.746		1.689	
Terphenyl-d14	1.218	1.191		-2.217	
Butylbenzylphthalate	0.585	0.590		0.855	
3,3-Dichlorobenzidine	0.388	0.387		-0.258	
Benzo(a)anthracene	1.325	1.267		-4.377	
Chrysene	1.219	1.143		-6.235	
Bis(2-ethylhexyl)phthalate	0.744	0.743		-0.134	
Di-n-octyl phthalate	1.095	1.158		5.753	20.0
Benzo(b)fluoranthene	1.233	1.198		-2.839	
Benzo(k)fluoranthene	1.137	0.994		-12.577	

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Instrument ID: BNA_F Calibration Date/Time: 9/19/2024 1:09:39

Lab File ID: BF139453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.023	0.991		-3.128	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.188		-0.084	
Dibenzo(a,h)anthracene	0.983	0.969		-1.424	
Benzo(g,h,i)perylene	0.973	0.995		2.261	
1,2,4,5-Tetrachlorobenzene	0.593	0.561		-5.396	
1,4-Dioxane	0.492	0.444		-9.756	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.314		-6.548	
1-Methylnaphthalene	0.651	0.612		-5.991	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG No.: BF091924
Instrument ID: BNA_F Calibration Date/Time: 9/19/2024 1:17:19
Lab File ID: BF139468.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	0.940	0.832		-11.489	
Pyridine	1.084	1.172		8.118	
2-Fluorophenol	1.226	1.148		-6.362	
Benzaldehyde	0.930	0.844		-9.247	
Aniline	1.214	1.299		7.002	
Phenol-d6	1.609	1.500		-6.774	
Phenol	1.639	1.568		-4.332	20.0
bis(2-Chloroethyl)ether	1.246	1.123		-9.872	
2-Chlorophenol	1.262	1.195		-5.309	
1,2-Dichlorobenzene	1.370	1.279		-6.642	
1,3-Dichlorobenzene	1.435	1.333		-7.108	
1,4-Dichlorobenzene	1.450	1.370		-5.517	20.0
Benzyl Alcohol	1.284	1.153		-10.202	
2-Methylphenol	1.003	0.951		-5.184	
2,2-oxybis(1-Chloropropane)	1.920	1.930		0.521	
Acetophenone	0.523	0.469		-10.325	
3+4-Methylphenols	1.368	1.243		-9.137	
n-Nitroso-di-n-propylamine	0.954	0.870	0.050	-8.805	
Nitrobenzene-d5	0.425	0.398		-6.353	
Hexachloroethane	0.552	0.504		-8.696	
Nitrobenzene	0.438	0.414		-5.479	
Isophorone	0.673	0.630		-6.389	
2-Nitrophenol	0.171	0.173		1.17	20.0
2,4-Dimethylphenol	0.225	0.215		-4.444	
bis(2-Chloroethoxy)methane	0.383	0.372		-2.872	
2,4-Dichlorophenol	0.286	0.270		-5.594	20.0
1,2,4-Trichlorobenzene	0.333	0.312		-6.306	
Benzoic acid	0.211	0.201		-4.739	
Naphthalene	1.044	0.996		-4.598	
4-Chloroaniline	0.319	0.301		-5.643	
Hexachlorobutadiene	0.226	0.201		-11.062	20.0
Caprolactam	0.088	0.089		1.136	
4-Chloro-3-methylphenol	0.327	0.303		-7.339	20.0
2-Methylnaphthalene	0.663	0.623		-6.033	
Hexachlorocyclopentadiene	0.207	0.180	0.050	-13.043	
2,4,6-Trichlorophenol	0.386	0.364		-5.699	20.0
2-Fluorobiphenyl	1.426	1.289		-9.607	
2,4,5-Trichlorophenol	0.407	0.392		-3.686	
1,1-Biphenyl	1.539	1.456		-5.393	

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GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.150	1.090		-5.217	
2-Nitroaniline	0.428	0.409		-4.439	
Dimethylphthalate	1.313	1.229		-6.398	
Acenaphthylene	1.732	1.664		-3.926	
2,6-Dinitrotoluene	0.291	0.286		-1.718	
3-Nitroaniline	0.291	0.306		5.155	
Acenaphthene	1.209	1.125		-6.948	20.0
2,4-Dinitrophenol	0.162	0.148	0.050	-8.642	
4-Nitrophenol	0.240	0.225	0.050	-6.25	
Dibenzofuran	1.685	1.589		-5.697	
2,4-Dinitrotoluene	0.393	0.388		-1.272	
Diethylphthalate	1.355	1.241		-8.413	
4-Chlorophenyl-phenylether	0.668	0.608		-8.982	
Fluorene	1.375	1.288		-6.327	
4-Nitroaniline	0.317	0.307		-3.155	
4,6-Dinitro-2-methylphenol	0.106	0.110		3.774	
n-Nitrosodiphenylamine	0.585	0.556		-4.957	20.0
Azobenzene	1.332	1.243		-6.682	
2,4,6-Tribromophenol	0.213	0.188		-11.737	
4-Bromophenyl-phenylether	0.198	0.186		-6.061	
Hexachlorobenzene	0.233	0.213		-8.584	
Atrazine	0.139	0.119		-14.388	
Pentachlorophenol	0.140	0.131		-6.429	20.0
Phenanthrene	0.965	0.914		-5.285	
Anthracene	0.943	0.900		-4.56	
Carbazole	0.903	0.874		-3.212	
Di-n-butylphthalate	1.006	0.943		-6.262	
Fluoranthene	1.030	0.990		-3.883	20.0
Benzidine	0.287	0.401		39.721	
Pyrene	1.717	1.969		14.677	
Terphenyl-d14	1.218	1.275		4.68	
Butylbenzylphthalate	0.585	0.604		3.248	
3,3-Dichlorobenzidine	0.388	0.363		-6.443	
Benzo(a)anthracene	1.325	1.241		-6.34	
Chrysene	1.219	1.169		-4.102	
Bis(2-ethylhexyl)phthalate	0.744	0.696		-6.452	
Di-n-octyl phthalate	1.095	0.926		-15.434	20.0
Benzo(b)fluoranthene	1.233	1.117		-9.408	
Benzo(k)fluoranthene	1.137	1.013		-10.906	

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Lab File ID: BF139468.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.023	0.958		-6.354	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.272		6.981	
Dibenzo(a,h)anthracene	0.983	1.027		4.476	
Benzo(g,h,i)perylene	0.973	1.094		12.436	
1,2,4,5-Tetrachlorobenzene	0.593	0.559		-5.734	
1,4-Dioxane	0.492	0.489		-0.61	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.308		-8.333	
1-Methylnaphthalene	0.651	0.605		-7.066	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BL	SDG No.:	BF091924
Lab Sample ID:	PB163454BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139454.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BL	SDG No.:	BF091924
Lab Sample ID:	PB163454BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139454.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BL	SDG No.:	BF091924
Lab Sample ID:	PB163454BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139454.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.327		18-112		70	SPK: -150
13127-88-3	Phenol-d6	103.88		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	71.116		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	71.614		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BL	SDG No.:	BF091924
Lab Sample ID:	PB163454BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139454.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.63		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	78.11		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82332	6.875				
1146-65-2	Naphthalene-d8	313064	8.157				
15067-26-2	Acenaphthene-d10	173147	9.91				
1517-22-2	Phenanthrene-d10	324473	11.398				
1719-03-5	Chrysene-d12	195540	14.033				
1520-96-3	Perylene-d12	156174	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80.6	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.122	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BS	SDG No.:	BF091924
Lab Sample ID:	PB163454BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139455.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	410		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	980		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BS	SDG No.:	BF091924
Lab Sample ID:	PB163454BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139455.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24400		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BS	SDG No.:	BF091924
Lab Sample ID:	PB163454BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139455.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2200		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.094		18-112		79	SPK: -150
13127-88-3	Phenol-d6	116.735		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	81.934		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.258		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PB163454BS	SDG No.:	BF091924
Lab Sample ID:	PB163454BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139455.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.239		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	93.564		10-105		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79295	6.881				
1146-65-2	Naphthalene-d8	290626	8.163				
15067-26-2	Acenaphthene-d10	158119	9.916				
1517-22-2	Phenanthrene-d10	290000	11.398				
1719-03-5	Chrysene-d12	154154	14.039				
1520-96-3	Perylene-d12	152828	15.504				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BL	SDG No.:	BF091924
Lab Sample ID:	PB163495BL	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
BF139456.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BL	SDG No.:	BF091924
Lab Sample ID:	PB163495BL	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
BF139456.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BL	SDG No.:	BF091924
Lab Sample ID:	PB163495BL	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
BF139456.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	103.954		10-139		69	SPK: -150
13127-88-3	Phenol-d6	102.8		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.831		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.108		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BL	SDG No.:	BF091924
Lab Sample ID:	PB163495BL	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
BF139456.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.889		44-137		64	SPK: -150
1718-51-0	Terphenyl-d14	80.036		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86197	6.875				
1146-65-2	Naphthalene-d8	325065	8.157				
15067-26-2	Acenaphthene-d10	181795	9.91				
1517-22-2	Phenanthrene-d10	334611	11.398				
1719-03-5	Chrysene-d12	196616	14.033				
1520-96-3	Perylene-d12	155690	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.6	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.7	A			5.122	

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BS	SDG No.:	BF091924
Lab Sample ID:	PB163486BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139457.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	500		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BS	SDG No.:	BF091924
Lab Sample ID:	PB163486BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139457.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2700		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BS	SDG No.:	BF091924
Lab Sample ID:	PB163486BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139457.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2400		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.58		18-112		85	SPK: -150
13127-88-3	Phenol-d6	129.011		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.109		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	87.868		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BS	SDG No.:	BF091924
Lab Sample ID:	PB163486BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139457.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.304		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	101.493		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78402	6.881				
1146-65-2	Naphthalene-d8	297915	8.163				
15067-26-2	Acenaphthene-d10	160194	9.916				
1517-22-2	Phenanthrene-d10	284319	11.398				
1719-03-5	Chrysene-d12	146056	14.039				
1520-96-3	Perylene-d12	142593	15.504				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163445TB	SDG No.:	BF091924
Lab Sample ID:	PB163445TB	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
BF139458.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163445TB	SDG No.:	BF091924
Lab Sample ID:	PB163445TB	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
BF139458.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163445TB	SDG No.:	BF091924
Lab Sample ID:	PB163445TB	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
BF139458.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	102.851		10-139		69	SPK: -150
13127-88-3	Phenol-d6	104.011		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.663		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.848		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163445TB	SDG No.:	BF091924
Lab Sample ID:	PB163445TB	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
BF139458.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.902		44-137		64	SPK: -150
1718-51-0	Terphenyl-d14	79.218		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83737	6.875				
1146-65-2	Naphthalene-d8	313582	8.157				
15067-26-2	Acenaphthene-d10	173485	9.91				
1517-22-2	Phenanthrene-d10	321087	11.398				
1719-03-5	Chrysene-d12	190354	14.033				
1520-96-3	Perylene-d12	154087	15.504				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BS	SDG No.:	BF091924
Lab Sample ID:	PB163495BS	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
BF139459.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	39.3		1	8	10	ug/L
110-86-1	Pyridine	43		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.2		4	8	10	ug/L
62-53-3	Aniline	44.4		1.6	4	5	ug/L
108-95-2	Phenol	42.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	42.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.3		1.4	4	5	ug/L
98-86-2	Acetophenone	40.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	40.7		1	4	5	ug/L
98-95-3	Nitrobenzene	39.8		1.3	4	5	ug/L
78-59-1	Isophorone	44.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	45.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.1		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	38.1		5.5	8	10	ug/L
91-20-3	Naphthalene	42		1	4	5	ug/L
106-47-8	4-Chloroaniline	23.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BS	SDG No.:	BF091924
Lab Sample ID:	PB163495BS	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
BF139459.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.4		0.81	4	5	ug/L
Total PAH	Total PAH	724.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	78.9		2	8	10	ug/L
132-64-9	Dibenzofuran	42.9		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.8		2.7	4	10	ug/L
84-66-2	Diethylphthalate	43.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.9		0.98	4	5	ug/L
86-73-7	Fluorene	41.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	38.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.9		0.89	4	5	ug/L
103-33-3	Azobenzene	43.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44		1.1	4	5	ug/L
1912-24-9	Atrazine	62.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BS	SDG No.:	BF091924
Lab Sample ID:	PB163495BS	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
BF139459.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.6		0.89	4	5	ug/L
120-12-7	Anthracene	46.6		1.1	4	5	ug/L
86-74-8	Carbazole	42.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	40.9		1.3	4	5	ug/L
92-87-5	Benzidine	66.4		4.1	8	10	ug/L
129-00-0	Pyrene	48.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.8		0.94	4	5	ug/L
218-01-9	Chrysene	45.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	41.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.314		10-139		78	SPK: -150
13127-88-3	Phenol-d6	117.329		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	80.976		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	80.788		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163495BS	SDG No.:	BF091924
Lab Sample ID:	PB163495BS	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
BF139459.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.32		44-137		78	SPK: -150
1718-51-0	Terphenyl-d14	93.783		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80251	6.881				
1146-65-2	Naphthalene-d8	296621	8.163				
15067-26-2	Acenaphthene-d10	163149	9.916				
1517-22-2	Phenanthrene-d10	293302	11.398				
1719-03-5	Chrysene-d12	152717	14.033				
1520-96-3	Perylene-d12	151644	15.504				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BL	SDG No.:	BF091924
Lab Sample ID:	PB163516BL	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
BF139460.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BL	SDG No.:	BF091924
Lab Sample ID:	PB163516BL	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
BF139460.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BL	SDG No.:	BF091924
Lab Sample ID:	PB163516BL	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
BF139460.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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	104.948		10-139		70	SPK: -150
13127-88-3	Phenol-d6	104.154		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.529		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.363		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BL	SDG No.:	BF091924
Lab Sample ID:	PB163516BL	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
BF139460.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.526		44-137		64	SPK: -150
1718-51-0	Terphenyl-d14	80.8		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85228	6.875				
1146-65-2	Naphthalene-d8	322325	8.157				
15067-26-2	Acenaphthene-d10	178814	9.91				
1517-22-2	Phenanthrene-d10	336315	11.398				
1719-03-5	Chrysene-d12	193924	14.033				
1520-96-3	Perylene-d12	157578	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.6	J			2.258	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.7	A			5.116	

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BS	SDG No.:	BF091924
Lab Sample ID:	PB163516BS	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
BF139461.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.2		1	8	10	ug/L
110-86-1	Pyridine	43.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12		4	8	10	ug/L
62-53-3	Aniline	46.1		1.6	4	5	ug/L
108-95-2	Phenol	43.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	42.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	51.2		1.4	4	5	ug/L
98-86-2	Acetophenone	40.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.8		1	4	5	ug/L
98-95-3	Nitrobenzene	40.1		1.3	4	5	ug/L
78-59-1	Isophorone	45.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	38.4		5.5	8	10	ug/L
91-20-3	Naphthalene	42.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BS	SDG No.:	BF091924
Lab Sample ID:	PB163516BS	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
BF139461.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.7		0.81	4	5	ug/L
Total PAH	Total PAH	730.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	88	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	79.4		2	8	10	ug/L
132-64-9	Dibenzofuran	43.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.6		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	43		1.5	4	5	ug/L
84-66-2	Diethylphthalate	43.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.4		0.98	4	5	ug/L
86-73-7	Fluorene	41.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	37.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.2		0.89	4	5	ug/L
103-33-3	Azobenzene	44.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	43.8		1.1	4	5	ug/L
1912-24-9	Atrazine	63.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BS	SDG No.:	BF091924
Lab Sample ID:	PB163516BS	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
BF139461.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45.4		0.89	4	5	ug/L
120-12-7	Anthracene	46.8		1.1	4	5	ug/L
86-74-8	Carbazole	42.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	46		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.1		1.3	4	5	ug/L
92-87-5	Benzidine	65.6		4.1	8	10	ug/L
129-00-0	Pyrene	48.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.2		0.94	4	5	ug/L
218-01-9	Chrysene	45.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	41.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.881		10-139		79	SPK: -150
13127-88-3	Phenol-d6	119.082		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	82.092		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	80.859		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BS	SDG No.:	BF091924
Lab Sample ID:	PB163516BS	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
BF139461.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.6		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	92.949		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79476	6.881				
1146-65-2	Naphthalene-d8	294976	8.163				
15067-26-2	Acenaphthene-d10	162832	9.916				
1517-22-2	Phenanthrene-d10	289025	11.398				
1719-03-5	Chrysene-d12	150837	14.033				
1520-96-3	Perylene-d12	150353	15.504				

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BSD	SDG No.:	BF091924
Lab Sample ID:	PB163516BSD	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
BF139462.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.4		1	8	10	ug/L
110-86-1	Pyridine	43.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.5		4	8	10	ug/L
62-53-3	Aniline	45		1.6	4	5	ug/L
108-95-2	Phenol	44		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	51		1.4	4	5	ug/L
98-86-2	Acetophenone	40.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.3		1	4	5	ug/L
98-95-3	Nitrobenzene	40.3		1.3	4	5	ug/L
78-59-1	Isophorone	45.6		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	54.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	39.1		5.5	8	10	ug/L
91-20-3	Naphthalene	42.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	23.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BSD	SDG No.:	BF091924
Lab Sample ID:	PB163516BSD	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
BF139462.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	48		0.81	4	5	ug/L
Total PAH	Total PAH	727.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	78.1		2	8	10	ug/L
132-64-9	Dibenzofuran	43.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	43.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42		0.98	4	5	ug/L
86-73-7	Fluorene	41.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	38.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.6		0.89	4	5	ug/L
103-33-3	Azobenzene	44.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	43.6		1.1	4	5	ug/L
1912-24-9	Atrazine	63.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BSD	SDG No.:	BF091924
Lab Sample ID:	PB163516BSD	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
BF139462.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45		0.89	4	5	ug/L
120-12-7	Anthracene	46.7		1.1	4	5	ug/L
86-74-8	Carbazole	42.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	42.1		1.3	4	5	ug/L
92-87-5	Benzidine	65.6		4.1	8	10	ug/L
129-00-0	Pyrene	47.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.7		0.94	4	5	ug/L
218-01-9	Chrysene	44.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	43		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.264		10-139		80	SPK: -150
13127-88-3	Phenol-d6	119.645		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	81.82		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	81.197		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163516BSD	SDG No.:	BF091924
Lab Sample ID:	PB163516BSD	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
BF139462.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.653		44-137		78	SPK: -150
1718-51-0	Terphenyl-d14	91.747		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80271	6.881				
1146-65-2	Naphthalene-d8	301615	8.163				
15067-26-2	Acenaphthene-d10	165934	9.916				
1517-22-2	Phenanthrene-d10	300456	11.398				
1719-03-5	Chrysene-d12	158385	14.033				
1520-96-3	Perylene-d12	152254	15.504				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139463.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.8	U	60.8	190	230	ug/Kg
110-86-1	Pyridine	55.9	U	55.9	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91	120	ug/Kg
108-95-2	Phenol	58	U	58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.6	U	60.6	91	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.4	U	56.4	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.9	U	55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91	120	ug/Kg
98-95-3	Nitrobenzene	63.6	U	63.6	91	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.2	U	66.2	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.3	U	65.3	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.1	U	60.1	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139463.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.8	U	60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	60.6	U	60.6	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91	120	ug/Kg
Total PAH	Total PAH	927.9	U	927.9	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.2	U	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91	240	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	91	120	ug/Kg
86-73-7	Fluorene	59.9	U	59.9	91	120	ug/Kg
100-01-6	4-Nitroaniline	74.9	U	74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.9	U	81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	91	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139463.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	91	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	91	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.8	U	67.8	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91	120	ug/Kg
218-01-9	Chrysene	55.7	U	55.7	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.8	U	56.8	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.8	U	60.8	91	120	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.552		18-112		56	SPK: -150
13127-88-3	Phenol-d6	87.315		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	57.428		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	57.505		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139463.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.992		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	67.98		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76322	6.875				
1146-65-2	Naphthalene-d8	280726	8.157				
15067-26-2	Acenaphthene-d10	147587	9.91				
1517-22-2	Phenanthrene-d10	251074	11.398				
1719-03-5	Chrysene-d12	122904	14.027				
1520-96-3	Perylene-d12	122424	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.205	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.099	
000119-61-9	Benzophenone	59.3	J			10.622	
000057-10-3	n-Hexadecanoic acid	140	J			11.916	
1000351-74-9	Octacosyl trifluoroacetate	190	J			13.88	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PURGE-WATER	SDG No.:	BF091924
Lab Sample ID:	P4085-05	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
BF139464.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PURGE-WATER	SDG No.:	BF091924
Lab Sample ID:	P4085-05	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
BF139464.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PURGE-WATER	SDG No.:	BF091924
Lab Sample ID:	P4085-05	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
BF139464.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

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	59.168		10-139		39	SPK: -150
13127-88-3	Phenol-d6	35.63		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	89.667		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.944		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	PURGE-WATER	SDG No.:	BF091924
Lab Sample ID:	P4085-05	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
BF139464.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.068		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	111.705		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75334	6.875				
1146-65-2	Naphthalene-d8	273103	8.157				
15067-26-2	Acenaphthene-d10	143674	9.91				
1517-22-2	Phenanthrene-d10	247739	11.398				
1719-03-5	Chrysene-d12	120289	14.027				
1520-96-3	Perylene-d12	122092	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.205	
	unknown5.416	9.8	J			5.416	
000111-76-2	Ethanol, 2-butoxy-	360	J			5.875	
005131-66-8	2-Propanol, 1-butoxy-	31	J			6.187	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	210	J			8.081	
082941-26-2	2-(2-Butoxyethoxy)acetic acid	2.9	J			9.122	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BF139465.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.7	U	60.7	190	230	ug/Kg
110-86-1	Pyridine	55.9	U	55.9	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.8	U	67.8	91	120	ug/Kg
108-95-2	Phenol	58	U	58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	58.4	U	58.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.5	U	60.5	91	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.4	U	56.4	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.6	U	63.6	91	120	ug/Kg
98-86-2	Acetophenone	60.8	U	60.8	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.8	U	55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91	120	ug/Kg
98-95-3	Nitrobenzene	63.5	U	63.5	91	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.1	U	66.1	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.2	U	65.2	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139465.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.7	U	60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	60.5	U	60.5	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.2	U	58.2	91	120	ug/Kg
99-09-2	3-Nitroaniline	62.4	U	62.4	91	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91	120	ug/Kg
Total PAH	Total PAH	927.5	U	927.5	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.2	U	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.3	U	60.3	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.5	U	118.5	91	240	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	91	120	ug/Kg
86-73-7	Fluorene	59.8	U	59.8	91	120	ug/Kg
100-01-6	4-Nitroaniline	74.9	U	74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.9	U	81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	91	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139465.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	91	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	91	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.7	U	67.7	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91	120	ug/Kg
218-01-9	Chrysene	55.6	U	55.6	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.8	U	56.8	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.8	U	56.8	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	91	120	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.2	U	58.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.462		18-112		52	SPK: -150
13127-88-3	Phenol-d6	82.331		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	53.044		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	49.617		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139465.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.932		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	55.637		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80563	6.875				
1146-65-2	Naphthalene-d8	299732	8.157				
15067-26-2	Acenaphthene-d10	155103	9.91				
1517-22-2	Phenanthrene-d10	275535	11.392				
1719-03-5	Chrysene-d12	132508	14.027				
1520-96-3	Perylene-d12	133313	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.099	
000119-61-9	Benzophenone	53.4	J			10.622	
000638-53-9	Tridecanoic acid	92.1	J			11.916	
1010351-87-0	Heptadecyl trifluoroacetate	120	J			13.886	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF139466.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.5	U	66.5	89.2	120	ug/Kg
108-95-2	Phenol	56.9	U	56.9	89.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.3	U	57.3	89.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	89.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.3	U	55.3	89.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.2	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.9	54.9	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.2	120	ug/Kg
98-95-3	Nitrobenzene	62.3	U	62.3	89.2	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.8	U	51.8	89.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.6	U	58.6	89.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	89.2	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF139466.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.6	U	56.6	89.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	89.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.2	U	65.2	89.2	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.2	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.1	U	57.1	89.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.2	U	61.2	89.2	120	ug/Kg
83-32-9	Acenaphthene	55.6	U	55.6	89.2	120	ug/Kg
Total PAH	Total PAH	908.8	U	908.8	89.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.6	U	79.6	190	230	ug/Kg
132-64-9	Dibenzofuran	57.9	U	57.9	89.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.2	U	116.2	89.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.2	120	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.2	120	ug/Kg
86-73-7	Fluorene	58.6	U	58.6	89.2	120	ug/Kg
100-01-6	4-Nitroaniline	73.4	U	73.4	89.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.3	U	80.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56	U	56	89.2	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.2	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.2	120	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF139466.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	57.6	U	57.6	89.2	120	ug/Kg
120-12-7	Anthracene	57.9	U	57.9	89.2	120	ug/Kg
86-74-8	Carbazole	55.1	U	55.1	89.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.2	120	ug/Kg
206-44-0	Fluoranthene	56	U	56	89.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	56.9	U	56.9	89.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.4	U	66.4	89.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.4	U	55.4	89.2	120	ug/Kg
218-01-9	Chrysene	54.5	U	54.5	89.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.5	U	75.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.6	U	55.6	89.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	U	56.7	89.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.8	U	63.8	89.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.6	U	53.6	89.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.7	U	55.7	89.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.9	U	54.9	89.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.2	120	ug/Kg
123-91-1	1,4-Dioxane	75.5	U	75.5	89.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.1	U	57.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.249		18-112		50	SPK: -150
13127-88-3	Phenol-d6	79.284		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	53.941		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	54.679		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BF139466.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.082		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	62.115		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73759	6.875				
1146-65-2	Naphthalene-d8	267649	8.157				
15067-26-2	Acenaphthene-d10	142281	9.91				
1517-22-2	Phenanthrene-d10	244939	11.392				
1719-03-5	Chrysene-d12	115177	14.027				
1520-96-3	Perylene-d12	123371	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.093	
000119-61-9	Benzophenone	260	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	52.1	J			10.933	
083005-02-1	Dichloroacetic acid, tetradecyl es	89.9	J			13.886	

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163446TB	SDG No.:	BF091924
Lab Sample ID:	PB163446TB	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
BF139469.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163446TB	SDG No.:	BF091924
Lab Sample ID:	PB163446TB	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
BF139469.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163446TB	SDG No.:	BF091924
Lab Sample ID:	PB163446TB	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
BF139469.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	139.243		10-139		93	SPK: -150
13127-88-3	Phenol-d6	135.676		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.32		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	94.929		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163446TB	SDG No.:	BF091924
Lab Sample ID:	PB163446TB	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
BF139469.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.55		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	90.611		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66084	6.875				
1146-65-2	Naphthalene-d8	239522	8.157				
15067-26-2	Acenaphthene-d10	127200	9.91				
1517-22-2	Phenanthrene-d10	235896	11.392				
1719-03-5	Chrysene-d12	168810	14.033				
1520-96-3	Perylene-d12	140255	15.498				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17	SDG No.:	BF091924
Lab Sample ID:	P4015-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139470.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.2	U	96.2	300	370	ug/Kg
110-86-1	Pyridine	88.6	U	88.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.9	U	91.9	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.8	U	92.8	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.6	U	92.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.8	U	93.8	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.4	U	95.4	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.9	U	95.9	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92	U	92	300	370	ug/Kg
95-48-7	2-Methylphenol	89.4	U	89.4	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.4	U	96.4	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.5	U	88.5	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.7	U	44.7	88.7	88.7	ug/Kg
67-72-1	Hexachloroethane	92	U	92	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.8	U	93.8	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.1	U	95.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.7	U	83.7	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.7	U	94.7	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.6	U	91.6	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.6	U	91.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.4	U	92.4	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17	SDG No.:	BF091924
Lab Sample ID:	P4015-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139470.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.2	U	96.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.9	U	85.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.5	U	91.5	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.2	U	79.2	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.9	U	96.9	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.4	U	92.4	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.6	U	90.6	140	190	ug/Kg
208-96-8	Acenaphthylene	95.9	U	95.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.2	U	92.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.9	U	98.9	140	190	ug/Kg
83-32-9	Acenaphthene	89.9	U	89.9	140	190	ug/Kg
Total PAH	Total PAH	1466	U	1466	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.6	U	93.6	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.6	U	95.6	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.8	U	187.8	140	380	ug/Kg
84-66-2	Diethylphthalate	88.8	U	88.8	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.9	U	94.9	140	190	ug/Kg
86-73-7	Fluorene	94.8	U	94.8	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.5	U	90.5	140	190	ug/Kg
103-33-3	Azobenzene	88.3	U	88.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.5	U	87.5	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.2	U	94.2	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17	SDG No.:	BF091924
Lab Sample ID:	P4015-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139470.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.7	U	85.7	300	370	ug/Kg
85-01-8	Phenanthrene	93.1	U	93.1	140	190	ug/Kg
120-12-7	Anthracene	93.6	U	93.6	140	190	ug/Kg
86-74-8	Carbazole	89	U	89	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.5	U	93.5	140	190	ug/Kg
206-44-0	Fluoranthene	90.6	U	90.6	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92	U	92	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.5	U	89.5	140	190	ug/Kg
218-01-9	Chrysene	88.1	U	88.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.9	U	89.9	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.6	U	91.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.6	U	86.6	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90	U	90	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.8	U	88.8	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.2	U	96.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.2	U	92.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.499		18-112		84	SPK: -150
13127-88-3	Phenol-d6	126.88		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.627		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.092		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17	SDG No.:	BF091924
Lab Sample ID:	P4015-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139470.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.435		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	91.469		10-105		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82701	6.875				
1146-65-2	Naphthalene-d8	305074	8.157				
15067-26-2	Acenaphthene-d10	164281	9.91				
1517-22-2	Phenanthrene-d10	257548	11.398				
1719-03-5	Chrysene-d12	122918	14.027				
1520-96-3	Perylene-d12	135487	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.11	
000119-61-9	Benzophenone	240	J			10.622	
000057-10-3	n-Hexadecanoic acid	180	J			11.916	
000661-19-8	Behenic alcohol	220	J			13.892	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MS	SDG No.:	BF091924
Lab Sample ID:	P4015-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139471.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		96.1	300	370	ug/Kg
110-86-1	Pyridine	1800		88.5	140	190	ug/Kg
100-52-7	Benzaldehyde	480		200	300	370	ug/Kg
62-53-3	Aniline	1800		110	140	190	ug/Kg
108-95-2	Phenol	1800		91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		92.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		92.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		93.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		95.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		95.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1700		91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		89.3	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		100	140	190	ug/Kg
98-86-2	Acetophenone	1700		96.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1700		88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	1600		91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		100	140	190	ug/Kg
78-59-1	Isophorone	1900		93.7	140	190	ug/Kg
88-75-5	2-Nitrophenol	1800		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		94.6	140	190	ug/Kg
65-85-0	Benzoic acid	1500		260	300	370	ug/Kg
91-20-3	Naphthalene	1700		91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	820		91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1600		92.3	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MS	SDG No.:	BF091924
Lab Sample ID:	P4015-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139471.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1700		91.4	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5100	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		82	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		96.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		92.3	140	190	ug/Kg
88-74-4	2-Nitroaniline	1700		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	1800		90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	1800		95.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		92.2	140	190	ug/Kg
99-09-2	3-Nitroaniline	1200		98.8	140	190	ug/Kg
83-32-9	Acenaphthene	1800		89.8	140	190	ug/Kg
Total PAH	Total PAH	26700		1464.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	2800		270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3000	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1700		93.5	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		187.7	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		95.5	140	190	ug/Kg
84-66-2	Diethylphthalate	1800		88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		94.8	140	190	ug/Kg
86-73-7	Fluorene	1600		94.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	1400		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		90.4	140	190	ug/Kg
103-33-3	Azobenzene	1800		88.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		94.2	140	190	ug/Kg
1912-24-9	Atrazine	2600		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MS	SDG No.:	BF091924
Lab Sample ID:	P4015-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139471.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	1800		93	140	190	ug/Kg
120-12-7	Anthracene	1900		93.5	140	190	ug/Kg
86-74-8	Carbazole	1600		88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	1900		93.4	140	190	ug/Kg
206-44-0	Fluoranthene	1400		90.5	140	190	ug/Kg
92-87-5	Benzidine	3100	E	180	300	370	ug/Kg
129-00-0	Pyrene	1700		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	1900		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1900		89.4	140	190	ug/Kg
218-01-9	Chrysene	1800		88.1	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	1600		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1600		92.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.216		18-112		69	SPK: -150
13127-88-3	Phenol-d6	103.721		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	72.66		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	74.066		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MS	SDG No.:	BF091924
Lab Sample ID:	P4015-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF139471.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.47		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	72.365		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92020	6.881				
1146-65-2	Naphthalene-d8	334915	8.163				
15067-26-2	Acenaphthene-d10	175155	9.916				
1517-22-2	Phenanthrene-d10	276894	11.398				
1719-03-5	Chrysene-d12	134458	14.033				
1520-96-3	Perylene-d12	149953	15.504				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MSD	SDG No.:	BF091924
Lab Sample ID:	P4015-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139472.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		96.1	300	370	ug/Kg
110-86-1	Pyridine	1900		88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	480		200	300	370	ug/Kg
62-53-3	Aniline	1900		110	140	190	ug/Kg
108-95-2	Phenol	1800		91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		100	140	190	ug/Kg
98-86-2	Acetophenone	1700		96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1700		88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	1600		91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	1700		100	140	190	ug/Kg
78-59-1	Isophorone	1900		93.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	1800		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		94.5	140	190	ug/Kg
65-85-0	Benzoic acid	1500		260	300	370	ug/Kg
91-20-3	Naphthalene	1700		91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	760		91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MSD	SDG No.:	BF091924
Lab Sample ID:	P4015-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139472.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5100	E	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1800		92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	1800		110	140	190	ug/Kg
131-11-3	Dimethylphthalate	1900		90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	1900		95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	1200		98.7	140	190	ug/Kg
83-32-9	Acenaphthene	1900		89.8	140	190	ug/Kg
Total PAH	Total PAH	27400		1463.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3200	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	1800		88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		94.8	140	190	ug/Kg
86-73-7	Fluorene	1700		94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	1500		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		90.3	140	190	ug/Kg
103-33-3	Azobenzene	1900		88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		94.1	140	190	ug/Kg
1912-24-9	Atrazine	2700		100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MSD	SDG No.:	BF091924
Lab Sample ID:	P4015-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139472.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	1800		93	140	190	ug/Kg
120-12-7	Anthracene	1900		93.4	140	190	ug/Kg
86-74-8	Carbazole	1700		88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	2000		93.3	140	190	ug/Kg
206-44-0	Fluoranthene	1400		90.4	140	190	ug/Kg
92-87-5	Benzidine	3400	E	180	300	370	ug/Kg
129-00-0	Pyrene	1700		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1900		89.3	140	190	ug/Kg
218-01-9	Chrysene	1800		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	2000		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	1600		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1600		92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.95		18-112		71	SPK: -150
13127-88-3	Phenol-d6	107.508		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	74.429		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	77.787		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-1-TANK17MSD	SDG No.:	BF091924
Lab Sample ID:	P4015-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139472.D	1	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.15		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	75.708		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88950	6.881				
1146-65-2	Naphthalene-d8	330651	8.163				
15067-26-2	Acenaphthene-d10	167669	9.916				
1517-22-2	Phenanthrene-d10	271500	11.398				
1719-03-5	Chrysene-d12	133408	14.033				
1520-96-3	Perylene-d12	147512	15.504				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MS	SDG No.:	BF091924
Lab Sample ID:	P4030-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139473.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	380		15.5	40	50	ug/L
100-52-7	Benzaldehyde	130		40	80	100	ug/L
62-53-3	Aniline	500		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	400		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	520		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	440		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	410		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	450		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	400		11	40	50	ug/L
65-85-0	Benzoic acid	390		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	380		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MS	SDG No.:	BF091924
Lab Sample ID:	P4030-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139473.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	400		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	500		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	490		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	520		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	510		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	430		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	7930		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	910	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	830	E	20	80	100	ug/L
132-64-9	Dibenzofuran	490		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000		27.6	40	100	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		9.8	40	50	ug/L
86-73-7	Fluorene	470		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	550		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	620		8.9	40	50	ug/L
103-33-3	Azobenzene	500		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	540		11.4	40	50	ug/L
1912-24-9	Atrazine	700		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MS	SDG No.:	BF091924
Lab Sample ID:	P4030-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139473.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	540		8.9	40	50	ug/L
120-12-7	Anthracene	560		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	580		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	740		40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	580		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	550		9.4	40	50	ug/L
218-01-9	Chrysene	540		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	600		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	700		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	560		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	590		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		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	340		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	480		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	360		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.633		10-139		76	SPK: -150
13127-88-3	Phenol-d6	109.826		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	86.079		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	92.525		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MS	SDG No.:	BF091924
Lab Sample ID:	P4030-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139473.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.605		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	98.897		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80474	6.881				
1146-65-2	Naphthalene-d8	300219	8.163				
15067-26-2	Acenaphthene-d10	155038	9.916				
1517-22-2	Phenanthrene-d10	243719	11.398				
1719-03-5	Chrysene-d12	126569	14.033				
1520-96-3	Perylene-d12	139000	15.504				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MSD	SDG No.:	BF091924
Lab Sample ID:	P4030-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139474.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	390		15.5	40	50	ug/L
100-52-7	Benzaldehyde	140		40	80	100	ug/L
62-53-3	Aniline	520		16	40	50	ug/L
108-95-2	Phenol	420		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	450		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	470		16	80	100	ug/L
95-48-7	2-Methylphenol	470		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	450		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	470		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	420		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	410		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MSD	SDG No.:	BF091924
Lab Sample ID:	P4030-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139474.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	410		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	550		9.3	40	50	ug/L
208-96-8	Acenaphthylene	530		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	450		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	8140		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	970	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	840	E	20	80	100	ug/L
132-64-9	Dibenzofuran	510		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030		27.6	40	100	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	500		9.8	40	50	ug/L
86-73-7	Fluorene	490		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	630		8.9	40	50	ug/L
103-33-3	Azobenzene	530		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	610		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	570		11.4	40	50	ug/L
1912-24-9	Atrazine	720		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MSD	SDG No.:	BF091924
Lab Sample ID:	P4030-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139474.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	550		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	600		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	630		40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	590		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	570		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	710		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	590		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	520		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	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	440		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	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	530		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.867		10-139		77	SPK: -150
13127-88-3	Phenol-d6	111.632		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	87.567		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	95.85		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409MSD	SDG No.:	BF091924
Lab Sample ID:	P4030-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139474.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.064		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	101.394		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75209	6.881				
1146-65-2	Naphthalene-d8	279325	8.163				
15067-26-2	Acenaphthene-d10	144162	9.916				
1517-22-2	Phenanthrene-d10	227131	11.398				
1719-03-5	Chrysene-d12	115561	14.033				
1520-96-3	Perylene-d12	127650	15.504				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091924
Lab Sample ID:	P4097-02	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
BF139475.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091924
Lab Sample ID:	P4097-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139475.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091924
Lab Sample ID:	P4097-02	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
BF139475.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.519		10-139		85	SPK: -150
13127-88-3	Phenol-d6	48.106		10-134		32	SPK: -150
4165-60-0	Nitrobenzene-d5	101.12		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	349.902	*	52-132		350	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091924
Lab Sample ID:	P4097-02	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
BF139475.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	453.97	*	44-137		303	SPK: -150
1718-51-0	Terphenyl-d14	496.446	*	48-125		496	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82880	6.881				
1146-65-2	Naphthalene-d8	283304	8.157				
15067-26-2	Acenaphthene-d10	43757	9.91				
1517-22-2	Phenanthrene-d10	111660	11.392				
1719-03-5	Chrysene-d12	10609	14.027				
1520-96-3	Perylene-d12	201	15.504				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091924
Lab Sample ID:	P4085-02	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
BF139476.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091924
Lab Sample ID:	P4085-02	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
BF139476.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091924
Lab Sample ID:	P4085-02	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
BF139476.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120		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	134.582		10-139		90	SPK: -150
13127-88-3	Phenol-d6	121.589		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	101.419		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	102.521		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091924
Lab Sample ID:	P4085-02	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
BF139476.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.191		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	111.628		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72677	6.881				
1146-65-2	Naphthalene-d8	265296	8.157				
15067-26-2	Acenaphthene-d10	142423	9.91				
1517-22-2	Phenanthrene-d10	229168	11.392				
1719-03-5	Chrysene-d12	110437	14.027				
1520-96-3	Perylene-d12	70324	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091924
Lab Sample ID:	P4087-02	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
BF139477.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091924
Lab Sample ID:	P4087-02	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
BF139477.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091924
Lab Sample ID:	P4087-02	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
BF139477.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	110.675		10-139		74	SPK: -150
13127-88-3	Phenol-d6	103.509		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	81.897		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	84.416		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091924
Lab Sample ID:	P4087-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139477.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.082		44-137		73	SPK: -150
1718-51-0	Terphenyl-d14	89.324		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85228	6.881				
1146-65-2	Naphthalene-d8	317104	8.157				
15067-26-2	Acenaphthene-d10	168482	9.91				
1517-22-2	Phenanthrene-d10	275090	11.398				
1719-03-5	Chrysene-d12	132891	14.027				
1520-96-3	Perylene-d12	104433	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-08	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
BF139478.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-08	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
BF139478.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-08	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
BF139478.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.776		10-139		87	SPK: -150
13127-88-3	Phenol-d6	117.959		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	96.173		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	94.677		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BF091924
Lab Sample ID:	P4087-08	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
BF139478.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.536		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	105.946		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84444	6.881				
1146-65-2	Naphthalene-d8	313778	8.157				
15067-26-2	Acenaphthene-d10	170463	9.91				
1517-22-2	Phenanthrene-d10	268409	11.398				
1719-03-5	Chrysene-d12	131296	14.033				
1520-96-3	Perylene-d12	110000	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139479.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139479.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139479.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	138.595		10-139		92	SPK: -150
13127-88-3	Phenol-d6	126.954		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	101.393		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	105.471		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139479.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.08		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	103.32		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75823	6.881				
1146-65-2	Naphthalene-d8	284163	8.157				
15067-26-2	Acenaphthene-d10	146878	9.91				
1517-22-2	Phenanthrene-d10	239603	11.398				
1719-03-5	Chrysene-d12	120131	14.027				
1520-96-3	Perylene-d12	66731	15.504				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-20	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
BF139480.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-20	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
BF139480.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-20	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
BF139480.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	149.217		10-139		99	SPK: -150
13127-88-3	Phenol-d6	143.801		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	101.773		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	101.434		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BF091924
Lab Sample ID:	P4087-20	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
BF139480.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.177		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	110.905		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79142	6.881				
1146-65-2	Naphthalene-d8	291669	8.157				
15067-26-2	Acenaphthene-d10	155359	9.91				
1517-22-2	Phenanthrene-d10	259648	11.392				
1719-03-5	Chrysene-d12	125673	14.027				
1520-96-3	Perylene-d12	104691	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091924
Lab Sample ID:	P4087-26	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
BF139481.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091924
Lab Sample ID:	P4087-26	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
BF139481.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091924
Lab Sample ID:	P4087-26	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
BF139481.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

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	114.192		10-139		76	SPK: -150
13127-88-3	Phenol-d6	101.72		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	88.466		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.184		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091924
Lab Sample ID:	P4087-26	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
BF139481.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.301		44-137		76	SPK: -150
1718-51-0	Terphenyl-d14	93.661		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85526	6.881				
1146-65-2	Naphthalene-d8	314730	8.157				
15067-26-2	Acenaphthene-d10	172448	9.91				
1517-22-2	Phenanthrene-d10	274759	11.398				
1719-03-5	Chrysene-d12	138995	14.027				
1520-96-3	Perylene-d12	120727	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091924
Lab Sample ID:	P4087-32	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
BF139482.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091924
Lab Sample ID:	P4087-32	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
BF139482.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091924
Lab Sample ID:	P4087-32	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139482.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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	154.704		10-139		103	SPK: -150
13127-88-3	Phenol-d6	146.82		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	105.376		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	104.193		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091924
Lab Sample ID:	P4087-32	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
BF139482.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.545		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	115.149		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78138	6.881				
1146-65-2	Naphthalene-d8	290959	8.157				
15067-26-2	Acenaphthene-d10	158102	9.91				
1517-22-2	Phenanthrene-d10	256333	11.392				
1719-03-5	Chrysene-d12	124550	14.027				
1520-96-3	Perylene-d12	106273	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BF091924
Lab Sample ID:	P4088-02	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
BF139483.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BF091924
Lab Sample ID:	P4088-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139483.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BF091924
Lab Sample ID:	P4088-02	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
BF139483.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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	147.847		10-139		99	SPK: -150
13127-88-3	Phenol-d6	141.511		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	101.891		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	100.764		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BF091924
Lab Sample ID:	P4088-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139483.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.07		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	105.779		48-125		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80791	6.881				
1146-65-2	Naphthalene-d8	297776	8.157				
15067-26-2	Acenaphthene-d10	160031	9.91				
1517-22-2	Phenanthrene-d10	255254	11.398				
1719-03-5	Chrysene-d12	126749	14.027				
1520-96-3	Perylene-d12	112829	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-08	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
BF139484.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-08	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
BF139484.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-08	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
BF139484.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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	153.706		10-139		102	SPK: -150
13127-88-3	Phenol-d6	146.501		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	104.936		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	102.635		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BF091924
Lab Sample ID:	P4088-08	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
BF139484.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.592		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	118.631		48-125		119	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77895	6.881				
1146-65-2	Naphthalene-d8	291147	8.157				
15067-26-2	Acenaphthene-d10	160290	9.91				
1517-22-2	Phenanthrene-d10	264310	11.392				
1719-03-5	Chrysene-d12	125496	14.027				
1520-96-3	Perylene-d12	109798	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091924
Lab Sample ID:	P4088-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139485.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091924
Lab Sample ID:	P4088-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139485.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091924
Lab Sample ID:	P4088-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139485.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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	134.668		10-139		90	SPK: -150
13127-88-3	Phenol-d6	80.023		10-134		53	SPK: -150
4165-60-0	Nitrobenzene-d5	95.544		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	199.203	*	52-132		199	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091924
Lab Sample ID:	P4088-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139485.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	270.753	*	44-137		181	SPK: -150
1718-51-0	Terphenyl-d14	201.252	*	48-125		201	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86304	6.875				
1146-65-2	Naphthalene-d8	315115	8.157				
15067-26-2	Acenaphthene-d10	80210	9.91				
1517-22-2	Phenanthrene-d10	215090	11.398				
1719-03-5	Chrysene-d12	55503	14.027				
1520-96-3	Perylene-d12	2247	15.504				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BF091924
Lab Sample ID:	P4089-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139486.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BF091924
Lab Sample ID:	P4089-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139486.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BF091924
Lab Sample ID:	P4089-02	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
BF139486.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	22.3	J	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	138.111		10-139		92	SPK: -150
13127-88-3	Phenol-d6	139.008		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	99.095		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	100.436		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BF091924
Lab Sample ID:	P4089-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139486.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.691		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	103.69		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84503	6.875				
1146-65-2	Naphthalene-d8	317732	8.157				
15067-26-2	Acenaphthene-d10	169699	9.91				
1517-22-2	Phenanthrene-d10	274758	11.392				
1719-03-5	Chrysene-d12	131724	14.027				
1520-96-3	Perylene-d12	106520	15.498				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10A	SDG No.:	BF091924
Lab Sample ID:	P4103-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139487.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10A	SDG No.:	BF091924
Lab Sample ID:	P4103-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139487.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	230		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg



Client:				Date Collected:	9/17/2024 12:00:00 AM	
Project:				Date Received:	9/17/2024 12:00:00 AM	
Client Sample ID:	WC-14-7.5-10A			SDG No.:	BF091924	
Lab Sample ID:	P4103-10			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139487.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	170		83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	210		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.751		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.049		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	66.106		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	70.187		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10A	SDG No.:	BF091924
Lab Sample ID:	P4103-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139487.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.639		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	68.408		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84587	6.875				
1146-65-2	Naphthalene-d8	303040	8.157				
15067-26-2	Acenaphthene-d10	152543	9.91				
1517-22-2	Phenanthrene-d10	241662	11.398				
1719-03-5	Chrysene-d12	124369	14.027				
1520-96-3	Perylene-d12	122967	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.104	
017301-23-4	Undecane, 2,6-dimethyl-	220	J			8.216	
062108-25-2	Decane, 2,6,7-trimethyl-	240	J			8.575	
031295-56-4	Dodecane, 2,6,11-trimethyl-	330	J			9.175	
000334-68-9	Dodecane, 1-fluoro-	220	J			9.316	
000575-37-1	Naphthalene, 1,7-dimethyl-	370	J			9.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	570	J			9.569	
000629-50-5	Tridecane	530	J			9.627	
002027-17-0	Naphthalene, 2-(1-methylethyl)-	250	J			10.016	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	300	J			10.11	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	440	J			10.157	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	220	J			10.227	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	220	J			10.316	
000646-31-1	Tetracosane	560	J			10.557	
000119-61-9	Benzophenone	240	J			10.621	
054105-67-8	Heptadecane, 2,6-dimethyl-	920	J			10.822	
321732-25-6	Dehydrochamazulene	180	J			11.033	
000629-59-4	Tetradecane	570	J			11.286	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-7.5-10A	SDG No.:	BF091924
Lab Sample ID:	P4103-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139487.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
025117-24-2	Tetradecane, 4-methyl-	200	J			11.639	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	DN-B-49	SDG No.:	BF091924
Lab Sample ID:	P4027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139488.D	1	9/17/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.4	U	93.4	290	350	ug/Kg
110-86-1	Pyridine	85.9	U	85.9	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.2	U	89.2	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90	U	90	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.8	U	89.8	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91	U	91	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.5	U	92.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93	U	93	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.3	U	89.3	290	350	ug/Kg
95-48-7	2-Methylphenol	86.7	U	86.7	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.8	U	97.8	140	180	ug/Kg
98-86-2	Acetophenone	93.5	U	93.5	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.8	U	85.8	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.4	U	43.4	86.1	86.1	ug/Kg
67-72-1	Hexachloroethane	89.3	U	89.3	140	180	ug/Kg
98-95-3	Nitrobenzene	97.7	U	97.7	140	180	ug/Kg
78-59-1	Isophorone	91	U	91	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.3	U	92.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.2	U	81.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.9	U	91.9	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.9	U	88.9	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.9	U	88.9	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.6	U	89.6	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	DN-B-49	SDG No.:	BF091924
Lab Sample ID:	P4027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139488.D	1	9/17/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.4	U	93.4	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.4	U	83.4	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.7	U	88.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.8	U	76.8	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.6	U	79.6	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94	U	94	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.6	U	89.6	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.9	U	87.9	140	180	ug/Kg
208-96-8	Acenaphthylene	93	U	93	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.5	U	89.5	140	180	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	140	180	ug/Kg
83-32-9	Acenaphthene	87.2	U	87.2	140	180	ug/Kg
Total PAH	Total PAH	1425.4	U	1425.4	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	90.8	U	90.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	82.2	U	182.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.7	U	92.7	140	180	ug/Kg
84-66-2	Diethylphthalate	86.2	U	86.2	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.1	U	92.1	140	180	ug/Kg
86-73-7	Fluorene	92	U	92	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.8	U	87.8	140	180	ug/Kg
103-33-3	Azobenzene	85.6	U	85.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.9	U	84.9	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.4	U	91.4	140	180	ug/Kg
1912-24-9	Atrazine	98.3	U	98.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	DN-B-49	SDG No.:	BF091924
Lab Sample ID:	P4027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139488.D	1	9/17/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.2	U	83.2	290	350	ug/Kg
85-01-8	Phenanthrene	90.4	U	90.4	140	180	ug/Kg
120-12-7	Anthracene	90.8	U	90.8	140	180	ug/Kg
86-74-8	Carbazole	86.4	U	86.4	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.7	U	90.7	140	180	ug/Kg
206-44-0	Fluoranthene	87.9	U	87.9	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	350	ug/Kg
129-00-0	Pyrene	89.3	U	89.3	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.8	U	86.8	140	180	ug/Kg
218-01-9	Chrysene	85.5	U	85.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.9	U	97.9	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.2	U	87.2	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.9	U	88.9	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.3	U	87.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.2	U	86.2	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.4	U	93.4	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	80.4	U	80.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.5	U	89.5	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	41.278		18-112		28	SPK: -150
13127-88-3	Phenol-d6	40.725		15-107		27	SPK: -150
4165-60-0	Nitrobenzene-d5	26.723		18-107		27	SPK: -100
321-60-8	2-Fluorobiphenyl	30.053		20-109		30	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	DN-B-49	SDG No.:	BF091924
Lab Sample ID:	P4027-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139488.D	1	9/17/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	33.03		10-116		22	SPK: -150
1718-51-0	Terphenyl-d14	29.39		10-105		29	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75625	6.875				
1146-65-2	Naphthalene-d8	281553	8.157				
15067-26-2	Acenaphthene-d10	149423	9.91				
1517-22-2	Phenanthrene-d10	231137	11.392				
1719-03-5	Chrysene-d12	117874	14.027				
1520-96-3	Perylene-d12	120468	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.21	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	80	A			5.093	
000119-61-9	Benzophenone	170	J			10.622	
000057-10-3	n-Hexadecanoic acid	91.4	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	510	J			13.457	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	120	J			13.51	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF139489.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.9	U	60.9	190	230	ug/Kg
110-86-1	Pyridine	56	U	56	91.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91.2	120	ug/Kg
108-95-2	Phenol	58.1	U	58.1	91.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.7	U	58.7	91.2	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.3	U	59.3	91.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.3	U	60.3	91.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.2	120	ug/Kg
100-51-6	Benzyl Alcohol	58.2	U	58.2	190	230	ug/Kg
95-48-7	2-Methylphenol	56.5	U	56.5	91.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91.2	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	56	U	56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.1	56.1	ug/Kg
67-72-1	Hexachloroethane	58.2	U	58.2	91.2	120	ug/Kg
98-95-3	Nitrobenzene	63.7	U	63.7	91.2	120	ug/Kg
78-59-1	Isophorone	59.3	U	59.3	91.2	120	ug/Kg
88-75-5	2-Nitrophenol	66.3	U	66.3	91.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.4	U	65.4	91.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.2	U	60.2	91.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.9	U	59.9	91.2	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.9	U	57.9	91.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.9	U	57.9	91.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.4	U	58.4	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF139489.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.9	U	60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.1	U	50.1	91.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.9	U	51.9	91.2	120	ug/Kg
92-52-4	1,1-Biphenyl	61.3	U	61.3	91.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	91.2	120	ug/Kg
88-74-4	2-Nitroaniline	66.6	U	66.6	91.2	120	ug/Kg
131-11-3	Dimethylphthalate	57.3	U	57.3	91.2	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91.2	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91.2	120	ug/Kg
83-32-9	Acenaphthene	56.9	U	56.9	91.2	120	ug/Kg
Total PAH	Total PAH	929.3	U	929.3	91.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.3	U	81.3	190	230	ug/Kg
132-64-9	Dibenzofuran	59.2	U	59.2	91.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91.2	240	ug/Kg
84-66-2	Diethylphthalate	56.2	U	56.2	91.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	91.2	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.2	120	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	91.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.2	U	57.2	91.2	120	ug/Kg
103-33-3	Azobenzene	55.8	U	55.8	91.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.3	U	55.3	91.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59.6	U	59.6	91.2	120	ug/Kg
1912-24-9	Atrazine	64.1	U	64.1	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF139489.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.2	U	54.2	190	230	ug/Kg
85-01-8	Phenanthrene	58.9	U	58.9	91.2	120	ug/Kg
120-12-7	Anthracene	59.2	U	59.2	91.2	120	ug/Kg
86-74-8	Carbazole	56.3	U	56.3	91.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	91.2	120	ug/Kg
206-44-0	Fluoranthene	66.9	J	57.3	91.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	70.3	J	58.2	91.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.9	U	67.9	91.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.1	U	69.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.6	U	56.6	91.2	120	ug/Kg
218-01-9	Chrysene	63.3	J	55.7	91.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.8	U	63.8	91.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.1	U	77.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.3	J	56.9	91.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	91.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.2	U	65.2	91.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.8	U	54.8	91.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.2	U	56.2	91.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	91.2	120	ug/Kg
123-91-1	1,4-Dioxane	77.1	U	77.1	91.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.4	U	52.4	91.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.726		18-112		54	SPK: -150
13127-88-3	Phenol-d6	85.028		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.062		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	61.74		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BF091924
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF139489.D	1	9/18/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.395		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	53.277		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80727	6.875				
1146-65-2	Naphthalene-d8	301964	8.157				
15067-26-2	Acenaphthene-d10	155903	9.91				
1517-22-2	Phenanthrene-d10	239967	11.392				
1719-03-5	Chrysene-d12	128613	14.027				
1520-96-3	Perylene-d12	132950	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.093	
000119-61-9	Benzophenone	59.1	J			10.622	
000057-10-3	n-Hexadecanoic acid	110	J			11.922	
000192-97-2	Benzo[e]pyrene	47.2	J			15.374	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMPDL	SDG No.:	BF091924
Lab Sample ID:	P3984-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139490.D	5	9/13/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460	U	460	1400	1700	ug/Kg
110-86-1	Pyridine	420	U	420	690	900	ug/Kg
100-52-7	Benzaldehyde	960	U	960	1400	1700	ug/Kg
62-53-3	Aniline	510	U	510	690	900	ug/Kg
108-95-2	Phenol	440	U	440	690	900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	440	U	440	690	900	ug/Kg
95-57-8	2-Chlorophenol	440	U	440	690	900	ug/Kg
95-50-1	1,2-Dichlorobenzene	450	U	450	690	900	ug/Kg
541-73-1	1,3-Dichlorobenzene	460	U	460	690	900	ug/Kg
106-46-7	1,4-Dichlorobenzene	460	U	460	690	900	ug/Kg
100-51-6	Benzyl Alcohol	440	U	440	1400	1700	ug/Kg
95-48-7	2-Methylphenol	430	U	430	690	900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	480	U	480	690	900	ug/Kg
98-86-2	Acetophenone	460	U	460	690	900	ug/Kg
65794-96-9	3+4-Methylphenols	420	U	420	1400	1700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	210	U	210	420	420	ug/Kg
67-72-1	Hexachloroethane	440	U	440	690	900	ug/Kg
98-95-3	Nitrobenzene	480	U	480	690	900	ug/Kg
78-59-1	Isophorone	450	U	450	690	900	ug/Kg
88-75-5	2-Nitrophenol	500	U	500	690	900	ug/Kg
105-67-9	2,4-Dimethylphenol	490	U	490	690	900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	450	U	450	690	900	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	400	690	900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	450	U	450	690	900	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1400	1700	ug/Kg
91-20-3	Naphthalene	440	U	440	690	900	ug/Kg
106-47-8	4-Chloroaniline	440	U	440	690	900	ug/Kg
87-68-3	Hexachlorobutadiene	440	U	440	690	900	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMPDL	SDG No.:	BF091924
Lab Sample ID:	P3984-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139490.D	5	9/13/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460	U	460	1400	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	410	690	900	ug/Kg
91-57-6	2-Methylnaphthalene	440	U	440	690	900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	830	U	830	1400	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380	U	380	690	900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	390	690	900	ug/Kg
92-52-4	1,1-Biphenyl	460	U	460	690	900	ug/Kg
91-58-7	2-Chloronaphthalene	440	U	440	690	900	ug/Kg
88-74-4	2-Nitroaniline	500	U	500	690	900	ug/Kg
131-11-3	Dimethylphthalate	430	U	430	690	900	ug/Kg
208-96-8	Acenaphthylene	460	U	460	690	900	ug/Kg
606-20-2	2,6-Dinitrotoluene	440	U	440	690	900	ug/Kg
99-09-2	3-Nitroaniline	470	U	470	690	900	ug/Kg
83-32-9	Acenaphthene	430	JD	430	690	900	ug/Kg
Total PAH	Total PAH	32130	D	7010	690	14400	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1400	1700	ug/Kg
100-02-7	4-Nitrophenol	610	U	610	1400	1700	ug/Kg
132-64-9	Dibenzofuran	450	U	450	690	900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	900	U	900	690	1800	ug/Kg
121-14-2	2,4-Dinitrotoluene	460	U	460	690	900	ug/Kg
84-66-2	Diethylphthalate	420	U	420	690	900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	450	U	450	690	900	ug/Kg
86-73-7	Fluorene	450	U	450	690	900	ug/Kg
100-01-6	4-Nitroaniline	570	U	570	690	900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620	U	620	1400	1700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	430	U	430	690	900	ug/Kg
103-33-3	Azobenzene	420	U	420	690	900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	420	U	420	690	900	ug/Kg
118-74-1	Hexachlorobenzene	450	U	450	690	900	ug/Kg
1912-24-9	Atrazine	480	U	480	690	900	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMPDL	SDG No.:	BF091924
Lab Sample ID:	P3984-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139490.D	5	9/13/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	410	U	410	1400	1700	ug/Kg
85-01-8	Phenanthrene	4200	D	440	690	900	ug/Kg
120-12-7	Anthracene	1100	D	450	690	900	ug/Kg
86-74-8	Carbazole	510	JD	430	690	900	ug/Kg
84-74-2	Di-n-butylphthalate	450	U	450	690	900	ug/Kg
206-44-0	Fluoranthene	5000	D	430	690	900	ug/Kg
92-87-5	Benzidine	860	U	860	1400	1700	ug/Kg
129-00-0	Pyrene	4300	D	440	690	900	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	690	900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	520	U	520	1400	1700	ug/Kg
56-55-3	Benzo(a)anthracene	3100	D	430	690	900	ug/Kg
218-01-9	Chrysene	2600	D	420	690	900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480	U	480	690	900	ug/Kg
117-84-0	Di-n-octyl phthalate	580	U	580	1400	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700	D	430	690	900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	D	440	690	900	ug/Kg
50-32-8	Benzo(a)pyrene	3200	D	490	690	900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	D	410	690	900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430	U	430	690	900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	D	420	690	900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	460	U	460	690	900	ug/Kg
123-91-1	1,4-Dioxane	580	U	580	690	900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	690	900	ug/Kg
90-12-0	1-Methylnaphthalene	440	U	440	900	900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.215		18-112		60	SPK: -150
13127-88-3	Phenol-d6	90.21		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	61.105		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	72.28		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMPDL	SDG No.:	BF091924
Lab Sample ID:	P3984-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139490.D	5	9/13/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.71		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	62.955		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85072	6.875				
1146-65-2	Naphthalene-d8	308185	8.157				
15067-26-2	Acenaphthene-d10	154856	9.91				
1517-22-2	Phenanthrene-d10	223216	11.392				
1719-03-5	Chrysene-d12	133455	14.033				
1520-96-3	Perylene-d12	127899	15.498				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-5-7.5B	SDG No.:	BF091924
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139491.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-5-7.5B	SDG No.:	BF091924
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139491.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	600		82.3	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.2	U	84.2	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169	U	169	130	340	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	270		85.3	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-5-7.5B	SDG No.:	BF091924
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07 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
BF139491.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	670		83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	81.5	U	81.5	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.416		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.333		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.509		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	64.436		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-5-7.5B	SDG No.:	BF091924
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139491.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.461		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	51.632		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79640	6.875				
1146-65-2	Naphthalene-d8	270358	8.163				
15067-26-2	Acenaphthene-d10	125318	9.916				
1517-22-2	Phenanthrene-d10	175001	11.404				
1719-03-5	Chrysene-d12	126707	14.033				
1520-96-3	Perylene-d12	125544	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.181	
017301-23-4	Undecane, 2,6-dimethyl-	610	J			8.216	
062108-25-2	Decane, 2,6,7-trimethyl-	690	J			8.581	
074645-98-0	Dodecane, 2,7,10-trimethyl-	1100	J			9.181	
002425-77-6	1-Decanol, 2-hexyl-	660	J			9.316	
000575-43-9	Naphthalene, 1,6-dimethyl-	1100	J			9.504	
000581-40-8	Naphthalene, 2,3-dimethyl-	1800	J			9.575	
000544-76-3	Hexadecane	1900	J			9.634	
000575-41-7	Naphthalene, 1,3-dimethyl-	500	J			9.692	
000573-98-8	Naphthalene, 1,2-dimethyl-	490	J			9.781	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	650	J			10.022	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	880	J			10.116	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1400	J			10.163	
000941-81-1	4,6,8-Trimethylazulene	720	J			10.233	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	630	J			10.322	
062108-26-3	Decane, 2,6,8-trimethyl-	1600	J			10.563	
055045-11-9	Tridecane, 5-propyl-	4200	J			10.834	
002523-37-7	9H-Fluorene, 9-methyl-	720	J			11.039	
000629-50-5	Tridecane	2200	J			11.292	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-14-5-7.5B	SDG No.:	BF091924
Lab Sample ID:	P4103-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139491.D	1	9/19/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
017312-62-8	Decane, 5-propyl-	830	J			11.639	

Hit Summary Sheet SW-846

SDG No.: BF091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-B-COMPDL								
P3984-04DL	WC-B-COMPDL	Solid	Acenaphthene	430.000	JD	430	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Anthracene	1,100.000	D	450	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Benzo(a)anthracene	3,100.000	D	430	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Benzo(a)pyrene	3,200.000	D	490	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Benzo(b)fluoranthene	3,700.000	D	430	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Benzo(g,h,i)perylene	1,500.000	D	420	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Benzo(k)fluoranthene	1,700.000	D	440	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Carbazole	510.000	JD	430	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Chrysene	2,600.000	D	420	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Fluoranthene	5,000.000	D	430	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Indeno(1,2,3-cd)pyrene	1,300.000	D	410	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Phenanthrene	4,200.000	D	440	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Pyrene	4,300.000	D	440	900	ug/Kg
P3984-04DL	WC-B-COMPDL	Solid	Total PAH	32,130.000	D	7010	14400	ug/Kg
Total Svoc :				64,770.00				
Total Concentration:				64,770.00				
Client ID : SW-1-TANK17								
P4015-03	SW-1-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl *	270.000	A			
P4015-03	SW-1-TANK17	Solid	Behenic alcohol *	220.000	J			
P4015-03	SW-1-TANK17	Solid	Benzophenone *	240.000	J			
P4015-03	SW-1-TANK17	Solid	Butane, 2-methoxy-2-methyl- *	2,800.000	J			
P4015-03	SW-1-TANK17	Solid	n-Hexadecanoic acid *	180.000	J			
Total Tics :				3,710.00				
Total Concentration:				3,710.00				
Client ID : DN-B-49								
P4027-01	DN-B-49	Solid	2-Pentanone, 4-hydroxy-4-methyl *	80.000	A			
P4027-01	DN-B-49	Solid	9-Octadecenamide, (Z)- *	510.000	J			
P4027-01	DN-B-49	Solid	Benzophenone *	170.000	J			
P4027-01	DN-B-49	Solid	Butane, 2-methoxy-2-methyl- *	2,300.000	J			
P4027-01	DN-B-49	Solid	Hexanedioic acid, bis(2-ethylhexy) *	120.000	J			
P4027-01	DN-B-49	Solid	n-Hexadecanoic acid *	91.400	J			
Total Tics :				3,271.40				
Total Concentration:				3,271.40				
Client ID : COMP-1								
P4085-02	COMP-1	water	Pentachlorophenol	120.000		18.5	100	ug/L
Total Svoc :				120.00				

Hit Summary Sheet
SW-846

SDG No.: BF091924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				120.00		
Client ID : PURGE-WATER									
P4085-05	PURGE-WATER	Water	2-(2-Butoxyethoxy)acetic acid	*	2.900	J			
P4085-05	PURGE-WATER	Water	2-Propanol, 1-butoxy-	*	31.000	J			
P4085-05	PURGE-WATER	Water	Butane, 2-methoxy-2-methyl-	*	160.000	J			
P4085-05	PURGE-WATER	Water	Ethanol, 2-(2-butoxyethoxy)-	*	210.000	J			
P4085-05	PURGE-WATER	Water	Ethanol, 2-butoxy-	*	360.000	J			
P4085-05	PURGE-WATER	Water	unknown5.416	*	9.800	J			
			Total Tics :				773.70		
			Total Concentration:				773.70		
Client ID : NB-614-COMP-02									
P4087-07	NB-614-COMP-02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A			
P4087-07	NB-614-COMP-02	Solid	Benzophenone	*	53.400	J			
P4087-07	NB-614-COMP-02	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J			
P4087-07	NB-614-COMP-02	Solid	Heptadecyl trifluoroacetate	*	120.000	J			
P4087-07	NB-614-COMP-02	Solid	Tridecanoic acid	*	92.100	J			
			Total Tics :				1,405.50		
			Total Concentration:				1,405.50		
Client ID : NB-614-COMP-03									
P4087-13	NB-614-COMP-03	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A			
P4087-13	NB-614-COMP-03	Solid	Benzo[e]pyrene	*	47.200	J			
P4087-13	NB-614-COMP-03	Solid	Benzophenone	*	59.100	J			
P4087-13	NB-614-COMP-03	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J			
P4087-13	NB-614-COMP-03	Solid	n-Hexadecanoic acid	*	110.000	J			
			Total Tics :				1,346.30		
P4087-13	NB-614-COMP-03	Solid	Benzo(b)fluoranthene		83.300	J	56.9	120	ug/Kg
P4087-13	NB-614-COMP-03	Solid	Chrysene		63.300	J	55.7	120	ug/Kg
P4087-13	NB-614-COMP-03	Solid	Fluoranthene		66.900	J	57.3	120	ug/Kg
P4087-13	NB-614-COMP-03	Solid	Pyrene		70.300	J	58.2	120	ug/Kg
			Total Svoc :				283.80		
			Total Concentration:				1,630.10		
Client ID : NB-614-COMP-04									
P4087-19	NB-614-COMP-04	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A			
P4087-19	NB-614-COMP-04	Solid	Benzophenone	*	59.300	J			
P4087-19	NB-614-COMP-04	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J			
P4087-19	NB-614-COMP-04	Solid	n-Hexadecanoic acid	*	140.000	J			
P4087-19	NB-614-COMP-04	Solid	Octacosyl trifluoroacetate	*	190.000	J			
			Total Tics :				1,619.30		

Hit Summary Sheet SW-846

SDG No.: BF091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,619.30				
Client ID : NB-614-COMP-08								
P4088-07	NB-614-COMP-08	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P4088-07	NB-614-COMP-08	Solid	Benzophenone *	260.000	J			
P4088-07	NB-614-COMP-08	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P4088-07	NB-614-COMP-08	Solid	Dichloroacetic acid, tetradecyl es *	89.900	J			
P4088-07	NB-614-COMP-08	Solid	Methanone, (1-hydroxycyclohexy *	52.100	J			
Total Tics :				1,682.00				
Total Concentration:				1,682.00				
Client ID : 365-351-294								
P4089-02	365-351-294	water	Pentachlorophenol	22.300	J	18.5	100	ug/L
Total Svoc :				22.30				
Total Concentration:				22.30				
Client ID : WC-14-5-7.5B								
P4103-07	WC-14-5-7.5B	Solid	1-Decanol, 2-hexyl-	660.000	J			
P4103-07	WC-14-5-7.5B	Solid	4,6,8-Trimethylazulene *	720.000	J			
P4103-07	WC-14-5-7.5B	Solid	9H-Fluorene, 9-methyl-	720.000	J			
P4103-07	WC-14-5-7.5B	Solid	Butane, 2-methoxy-2-methyl-	1,000.000	J			
P4103-07	WC-14-5-7.5B	Solid	Decane, 2,6,7-trimethyl-	690.000	J			
P4103-07	WC-14-5-7.5B	Solid	Decane, 2,6,8-trimethyl-	1,600.000	J			
P4103-07	WC-14-5-7.5B	Solid	Decane, 5-propyl-	830.000	J			
P4103-07	WC-14-5-7.5B	Solid	Dodecane, 2,7,10-trimethyl-	1,100.000	J			
P4103-07	WC-14-5-7.5B	Solid	Hexadecane *	1,900.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,2-dimethyl-	490.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,3-dimethyl-	500.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,4,5-trimethyl-	630.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,4,6-trimethyl-	650.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,6,7-trimethyl-	880.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 1,6-dimethyl-	1,100.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 2,3,6-trimethyl-	1,400.000	J			
P4103-07	WC-14-5-7.5B	Solid	Naphthalene, 2,3-dimethyl-	1,800.000	J			
P4103-07	WC-14-5-7.5B	Solid	Tridecane *	2,200.000	J			
P4103-07	WC-14-5-7.5B	Solid	Tridecane, 5-propyl-	4,200.000	J			
P4103-07	WC-14-5-7.5B	Solid	Undecane, 2,6-dimethyl-	610.000	J			
Total Tics :				23,680.00				
P4103-07	WC-14-5-7.5B	Solid	1-Methylnaphthalene	1,100.000		83	170	ug/Kg
P4103-07	WC-14-5-7.5B	Solid	2-Methylnaphthalene	600.000		82.3	170	ug/Kg
P4103-07	WC-14-5-7.5B	Solid	Fluorene	270.000		85.3	170	ug/Kg
P4103-07	WC-14-5-7.5B	Solid	Phenanthrene	670.000		83.8	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				2,640.00				
Total Concentration:				26,320.00				
Client ID : WC-14-7.5-10A								
P4103-10	WC-14-7.5-10A	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P4103-10	WC-14-7.5-10A	Solid	Benzophenone *	240.000	J			
P4103-10	WC-14-7.5-10A	Solid	Butane, 2-methoxy-2-methyl-	1,500.000	J			
P4103-10	WC-14-7.5-10A	Solid	Decane, 2,6,7-trimethyl-	240.000	J			
P4103-10	WC-14-7.5-10A	Solid	Dehydrochamazulene *	180.000	J			
P4103-10	WC-14-7.5-10A	Solid	Dodecane, 1-fluoro-	220.000	J			
P4103-10	WC-14-7.5-10A	Solid	Dodecane, 2,6,11-trimethyl-	330.000	J			
P4103-10	WC-14-7.5-10A	Solid	Heptadecane, 2,6-dimethyl-	920.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 1,4,5-trimethyl-	220.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 1,4,6-trimethyl-	300.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 1,6,7-trimethyl-	440.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 1,7-dimethyl-	370.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 2,3,6-trimethyl-	220.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 2,3-dimethyl-	570.000	J			
P4103-10	WC-14-7.5-10A	Solid	Naphthalene, 2-(1-methylethyl)-	250.000	J			
P4103-10	WC-14-7.5-10A	Solid	Tetracosane *	560.000	J			
P4103-10	WC-14-7.5-10A	Solid	Tetradecane *	570.000	J			
P4103-10	WC-14-7.5-10A	Solid	Tetradecane, 4-methyl-	200.000	J			
P4103-10	WC-14-7.5-10A	Solid	Tridecane *	530.000	J			
P4103-10	WC-14-7.5-10A	Solid	Undecane, 2,6-dimethyl-	220.000	J			
Total Tics :				8,270.00				
P4103-10	WC-14-7.5-10A	Solid	1-Methylnaphthalene	210.000	83.1		170	ug/Kg
P4103-10	WC-14-7.5-10A	Solid	2-Methylnaphthalene	230.000	82.4		170	ug/Kg
P4103-10	WC-14-7.5-10A	Solid	Phenanthrene	170.000	83.9		170	ug/Kg
Total Svoc :				610.00				
Total Concentration:				8,880.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.936	0.930	0.973	0.941	0.905	0.940	2.7
Pyridine		1.084	1.102	1.180	1.098	1.002	1.084	5.7
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Benzaldehyde		1.119	1.053	1.011	0.833	0.761	0.930	16.1
Aniline		1.262	1.232	1.274	1.194	1.101	1.214	5.2
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
Phenol		1.697	1.708	1.709	1.609	1.524	1.639	4.6
bis(2-Chloroethyl)ether		1.173	1.177	1.190	1.133	1.127	1.246	16.5
2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.262	3.1
1,2-Dichlorobenzene		1.429	1.386	1.411	1.344	1.301	1.370	3.6
1,3-Dichlorobenzene		1.500	1.489	1.475	1.414	1.355	1.435	4.0
1,4-Dichlorobenzene		1.477	1.463	1.527	1.432	1.377	1.450	3.5
Benzyl Alcohol		1.277	1.307	1.332	1.282	1.220	1.284	3.5
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
2,2-oxybis(1-Chloropropane)		2.033	1.971	2.047	1.868	1.791	1.920	5.5
Acetophenone		0.521	0.509	0.535	0.539	0.502	0.523	2.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
n-Nitroso-di-n-propylamine	0.922	0.950	0.952	1.025	0.939	0.912	0.954	3.9
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.552	2.9
Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.438	2.4
Isophorone		0.658	0.670	0.698	0.685	0.647	0.673	2.7
2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.171	7.3
2,4-Dimethylphenol		0.216	0.219	0.231	0.235	0.219	0.225	3.8
bis(2-Chloroethoxy)methane		0.394	0.378	0.389	0.387	0.364	0.383	2.7
2,4-Dichlorophenol		0.289	0.283	0.285	0.295	0.272	0.286	2.8
1,2,4-Trichlorobenzene		0.347	0.331	0.336	0.341	0.316	0.333	3.1
Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.211	12.5
Naphthalene		1.043	1.038	1.045	1.070	1.003	1.044	2.3
4-Chloroaniline		0.307	0.327	0.334	0.337	0.305	0.319	5.4
Hexachlorobutadiene		0.228	0.231	0.228	0.232	0.220	0.226	2.4
Caprolactam		0.087	0.086	0.089	0.093	0.083	0.088	3.7
4-Chloro-3-methylphenol		0.315	0.317	0.336	0.341	0.315	0.327	3.3
2-Methylnaphthalene		0.672	0.645	0.684	0.680	0.631	0.663	3.1
Hexachlorocyclopentadiene		0.198	0.196	0.224	0.229	0.207	0.207	7.3
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4

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.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
1,1-Biphenyl		1.615	1.478	1.566	1.613	1.479	1.539	3.8
2-Chloronaphthalene		1.130	1.110	1.181	1.215	1.116	1.150	3.3
2-Nitroaniline		0.387	0.407	0.436	0.456	0.428	0.428	5.5
Dimethylphthalate		1.318	1.284	1.354	1.382	1.253	1.313	3.4
Acenaphthylene		1.696	1.705	1.799	1.814	1.681	1.732	3.0
2,6-Dinitrotoluene		0.261	0.275	0.303	0.313	0.290	0.291	6.0
3-Nitroaniline		0.279	0.276	0.311	0.319	0.284	0.291	6.7
Acenaphthene		1.186	1.141	1.246	1.289	1.169	1.209	4.1
2,4-Dinitrophenol			0.107	0.149	0.178	0.174	0.162	18.2
4-Nitrophenol		0.225	0.228	0.243	0.264	0.244	0.240	5.3
Dibenzofuran		1.687	1.668	1.738	1.780	1.600	1.685	3.6
2,4-Dinitrotoluene		0.364	0.365	0.391	0.434	0.388	0.393	6.2
Diethylphthalate		1.359	1.291	1.405	1.440	1.309	1.355	3.9
4-Chlorophenyl-phenylether		0.671	0.638	0.691	0.705	0.642	0.668	3.6
Fluorene		1.373	1.323	1.424	1.472	1.325	1.375	4.0
4-Nitroaniline		0.303	0.315	0.344	0.348	0.307	0.317	6.8
4,6-Dinitro-2-methylphenol		0.075	0.092	0.105	0.117	0.113	0.106	15.9
n-Nitrosodiphenylamine		0.581	0.564	0.593	0.601	0.560	0.585	2.9
Azobenzene		1.341	1.286	1.375	1.423	1.280	1.332	3.9
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
4-Bromophenyl-phenylether		0.190	0.186	0.201	0.207	0.191	0.198	4.4
Hexachlorobenzene		0.232	0.229	0.228	0.243	0.223	0.233	2.9
Atrazine		0.175	0.165	0.144	0.121	0.141	0.139	17.3
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Phenanthrene		0.981	0.928	0.992	1.004	0.938	0.965	3.0
Anthracene		0.945	0.909	0.971	0.987	0.913	0.943	3.2
Carbazole		0.923	0.897	0.958	0.946	0.881	0.903	4.8
Di-n-butylphthalate		0.935	0.972	1.073	1.075	0.991	1.006	5.3
Fluoranthene		1.100	1.092	1.137	1.085	0.957	1.030	9.3
Benzidine		0.174	0.181	0.262	0.384	0.269	0.287	31.6
Pyrene		1.536	1.568	1.791	1.924	1.774	1.717	8.1
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7
Butylbenzylphthalate		0.519	0.552	0.630	0.627	0.585	0.585	6.8
3,3-Dichlorobenzidine		0.388	0.384	0.396	0.374	0.367	0.388	3.6

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.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.334	1.287	1.404	1.358	1.262	1.325	3.5
Chrysene		1.252	1.206	1.206	1.234	1.185	1.219	2.0
Bis(2-ethylhexyl)phthalate		0.688	0.711	0.816	0.764	0.727	0.744	5.6
Di-n-octyl phthalate		0.969	0.954	1.076	1.129	1.103	1.095	9.7
Benzo(b)fluoranthene		1.284	1.188	1.332	1.226	1.186	1.233	4.4
Benzo(k)fluoranthene		1.221	1.212	1.107	1.191	1.028	1.137	6.4
Benzo(a)pyrene		1.002	0.985	1.031	1.076	0.992	1.023	3.3
Indeno(1,2,3-cd)pyrene		0.947	1.025	1.175	1.363	1.261	1.189	12.8
Dibenzo(a,h)anthracene		0.770	0.847	0.973	1.098	1.044	0.983	13.1
Benzo(g,h,i)perylene		0.805	0.846	0.974	1.106	1.031	0.973	11.4
1,2,4,5-Tetrachlorobenzene		0.600	0.570	0.607	0.619	0.569	0.593	3.1
1,4-Dioxane		0.553	0.504	0.521	0.494	0.447	0.492	7.7
2,3,4,6-Tetrachlorophenol		0.317	0.327	0.364	0.359	0.325	0.336	5.3
1-Methylnaphthalene		0.656	0.647	0.670	0.662	0.616	0.651	2.7

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.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	52723	6.881	182509	8.16	98703	9.92
	UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
	LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
	EPA SAMPLE NO.						
01	PB163454BL	82332	6.88	313064	8.16	173147	9.91
02	PB163454BS	79295	6.88	290626	8.16	158119	9.92
03	PB163495BL	86197	6.88	325065	8.16	181795	9.91
04	PB163486BS	78402	6.88	297915	8.16	160194	9.92
05	PB163445TB	83737	6.88	313582	8.16	173485	9.91
06	PB163495BS	80251	6.88	296621	8.16	163149	9.92
07	PB163516BL	85228	6.88	322325	8.16	178814	9.91
08	PB163516BS	79476	6.88	294976	8.16	162832	9.92
09	PB163516BSD	80271	6.88	301615	8.16	165934	9.92
10	NB-614-COMP-04	76322	6.88	280726	8.16	147587	9.91
11	PURGE-WATER	75334	6.88	273103	8.16	143674	9.91
12	NB-614-COMP-02	80563	6.88	299732	8.16	155103	9.91
13	NB-614-COMP-08	73759	6.88	267649	8.16	142281	9.91
14	PB163446TB	66084	6.88	239522	8.16	127200	9.91
15	SW-1-TANK17	82701	6.88	305074	8.16	164281	9.91
16	SW-1-TANK17MS	92020	6.88	334915	8.16	175155	9.92
17	SW-1-TANK17MSD	88950	6.88	330651	8.16	167669	9.92
18	WC-A-08-202409MS	80474	6.88	300219	8.16	155038	9.92
19	WC-A-08-202409MSD	75209	6.88	279325	8.16	144162	9.92
20	RT2299	82880	6.88	283304	8.16	43757 *	9.91
21	COMP-1	72677	6.88	265296	8.16	142423	9.91
22	NB-614-COMP-01	85228	6.88	317104	8.16	168482	9.91
23	NB-614-COMP-02	84444	6.88	313778	8.16	170463	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 22:42

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	52723	6.881	182509	8.16	98703	9.92
UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
EPA SAMPLE NO.						
24 NB-614-COMP-03	75823	6.88	284163	8.16	146878	9.91
25 NB-614-COMP-04	79142	6.88	291669	8.16	155359	9.91
26 NB-614-COMP-05	85526	6.88	314730	8.16	172448	9.91
27 NB-614-COMP-06	78138	6.88	290959	8.16	158102	9.91
28 NB-614-COMP-07	80791	6.88	297776	8.16	160031	9.91
29 NB-614-COMP-08	77895	6.88	291147	8.16	160290	9.91
30 NB-614-COMP-09	86304	6.88	315115	8.16	80210	9.91
31 365-351-294	84503	6.88	317732	8.16	169699	9.91
32 WC-14-7.5-10A	84587	6.88	303040	8.16	152543	9.91
33 DN-B-49	75625	6.88	281553	8.16	149423	9.91
34 NB-614-COMP-03	80727	6.88	301964	8.16	155903	9.91
35 WC-B-COMPD	85072	6.88	308185	8.16	154856	9.91
36 WC-14-5-7.5B	79640	6.88	270358	8.16	125318	9.92

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 LOWER 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.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139453.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	78311	6.881	279140	8.16	153557	9.92
UPPER LIMIT	156622	7.381	558280	8.663	307114	10.416
LOWER LIMIT	39155.5	6.381	139570	7.663	76778.5	9.416
EPA SAMPLE NO.						
01 PB163454BL	82332	6.88	313064	8.16	173147	9.91
02 PB163454BS	79295	6.88	290626	8.16	158119	9.92
03 PB163495BL	86197	6.88	325065	8.16	181795	9.91
04 PB163486BS	78402	6.88	297915	8.16	160194	9.92
05 PB163445TB	83737	6.88	313582	8.16	173485	9.91
06 PB163495BS	80251	6.88	296621	8.16	163149	9.92
07 PB163516BL	85228	6.88	322325	8.16	178814	9.91
08 PB163516BS	79476	6.88	294976	8.16	162832	9.92
09 PB163516BSD	80271	6.88	301615	8.16	165934	9.92
10 NB-614-COMP-04	76322	6.88	280726	8.16	147587	9.91
11 PURGE-WATER	75334	6.88	273103	8.16	143674	9.91
12 NB-614-COMP-02	80563	6.88	299732	8.16	155103	9.91
13 NB-614-COMP-08	73759	6.88	267649	8.16	142281	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040

Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139468.D

Time Analyzed: 17:49

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	70449	6.881	249250	8.16	134416	9.92
	UPPER LIMIT	140898	7.381	498500	8.663	268832	10.416
	LOWER LIMIT	35224.5	6.381	124625	7.663	67208	9.416
	EPA SAMPLE NO.						
01	PB163446TB	66084	6.88	239522	8.16	127200	9.91
02	SW-1-TANK17	82701	6.88	305074	8.16	164281	9.91
03	SW-1-TANK17MS	92020	6.88	334915	8.16	175155	9.92
04	SW-1-TANK17MSD	88950	6.88	330651	8.16	167669	9.92
05	WC-A-08-202409MS	80474	6.88	300219	8.16	155038	9.92
06	WC-A-08-202409MSD	75209	6.88	279325	8.16	144162	9.92
07	RT2299	82880	6.88	283304	8.16	43757 *	9.91
08	COMP-1	72677	6.88	265296	8.16	142423	9.91
09	NB-614-COMP-01	85228	6.88	317104	8.16	168482	9.91
10	NB-614-COMP-02	84444	6.88	313778	8.16	170463	9.91
11	NB-614-COMP-03	75823	6.88	284163	8.16	146878	9.91
12	NB-614-COMP-04	79142	6.88	291669	8.16	155359	9.91
13	NB-614-COMP-05	85526	6.88	314730	8.16	172448	9.91
14	NB-614-COMP-06	78138	6.88	290959	8.16	158102	9.91
15	NB-614-COMP-07	80791	6.88	297776	8.16	160031	9.91
16	NB-614-COMP-08	77895	6.88	291147	8.16	160290	9.91
17	NB-614-COMP-09	86304	6.88	315115	8.16	80210	9.91
18	365-351-294	84503	6.88	317732	8.16	169699	9.91
19	WC-14-7.5-10A	84587	6.88	303040	8.16	152543	9.91
20	DN-B-49	75625	6.88	281553	8.16	149423	9.91
21	NB-614-COMP-03	80727	6.88	301964	8.16	155903	9.91
22	WC-B-COMPDL	85072	6.88	308185	8.16	154856	9.91
23	WC-14-5-7.5B	79640	6.88	270358	8.16	125318	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BF139468.D Time Analyzed: 04:25

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	70449	6.881	249250	8.16	134416	9.92
UPPER LIMIT	140898	7.381	498500	8.663	268832	10.416
LOWER LIMIT	35224.5	6.381	124625	7.663	67208	9.416
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	194097	11.398	109489	14.033	106513	15.498
	UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
	LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
	EPA SAMPLE NO.						
01	PB163454BL	324473	11.40	195540	14.03	156174	15.50
02	PB163454BS	290000	11.40	154154	14.04	152828	15.50
03	PB163495BL	334611	11.40	196616	14.03	155690	15.50
04	PB163486BS	284319	11.40	146056	14.04	142593	15.50
05	PB163445TB	321087	11.40	190354	14.03	154087	15.50
06	PB163495BS	293302	11.40	152717	14.03	151644	15.50
07	PB163516BL	336315	11.40	193924	14.03	157578	15.50
08	PB163516BS	289025	11.40	150837	14.03	150353	15.50
09	PB163516BSD	300456	11.40	158385	14.03	152254	15.50
10	NB-614-COMP-04	251074	11.40	122904	14.03	122424	15.50
11	PURGE-WATER	247739	11.40	120289	14.03	122092	15.50
12	NB-614-COMP-02	275535	11.39	132508	14.03	133313	15.50
13	NB-614-COMP-08	244939	11.39	115177	14.03	123371	15.50
14	PB163446TB	235896	11.39	168810	14.03	140255	15.50
15	SW-1-TANK17	257548	11.40	122918	14.03	135487	15.50
16	SW-1-TANK17MS	276894	11.40	134458	14.03	149953	15.50
17	SW-1-TANK17MSD	271500	11.40	133408	14.03	147512	15.50
18	WC-A-08-202409MS	243719	11.40	126569	14.03	139000	15.50
19	WC-A-08-202409MSD	227131	11.40	115561	14.03	127650	15.50
20	RT2299	111660	11.39	10609 *	14.03	201 *	15.50
21	COMP-1	229168	11.39	110437	14.03	70324	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 21:44

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	194097	11.398	109489	14.033	106513	15.498
	UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
	LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
	EPA SAMPLE NO.						
22	NB-614-COMP-01	275090	11.40	132891	14.03	104433	15.50
23	NB-614-COMP-02	268409	11.40	131296	14.03	110000	15.50
24	NB-614-COMP-03	239603	11.40	120131	14.03	66731	15.50
25	NB-614-COMP-04	259648	11.39	125673	14.03	104691	15.50
26	NB-614-COMP-05	274759	11.40	138995	14.03	120727	15.50
27	NB-614-COMP-06	256333	11.39	124550	14.03	106273	15.50
28	NB-614-COMP-07	255254	11.40	126749	14.03	112829	15.50
29	NB-614-COMP-08	264310	11.39	125496	14.03	109798	15.50
30	NB-614-COMP-09	215090	11.40	55503	14.03	2247 *	15.50
31	365-351-294	274758	11.39	131724	14.03	106520	15.50
32	WC-14-7.5-10A	241662	11.40	124369	14.03	122967	15.50
33	DN-B-49	231137	11.39	117874	14.03	120468	15.50
34	NB-614-COMP-03	239967	11.39	128613	14.03	132950	15.50
35	WC-B-COMPDL	223216	11.39	133455	14.03	127899	15.50
36	WC-14-5-7.5B	175001	11.40	126707	14.03	125544	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 04:25

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	194097	11.398	109489	14.033	106513	15.498
UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139453.D Time Analyzed: 10:07

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	273402	11.398	144126	14.039	146674	15.504
UPPER LIMIT	546804	11.898	288252	14.539	293348	16.004
LOWER LIMIT	136701	10.898	72063	13.539	73337	15.004
EPA SAMPLE NO.						
01 PB163454BL	324473	11.40	195540	14.03	156174	15.50
02 PB163454BS	290000	11.40	154154	14.04	152828	15.50
03 PB163495BL	334611	11.40	196616	14.03	155690	15.50
04 PB163486BS	284319	11.40	146056	14.04	142593	15.50
05 PB163445TB	321087	11.40	190354	14.03	154087	15.50
06 PB163495BS	293302	11.40	152717	14.03	151644	15.50
07 PB163516BL	336315	11.40	193924	14.03	157578	15.50
08 PB163516BS	289025	11.40	150837	14.03	150353	15.50
09 PB163516BSD	300456	11.40	158385	14.03	152254	15.50
10 NB-614-COMP-04	251074	11.40	122904	14.03	122424	15.50
11 PURGE-WATER	247739	11.40	120289	14.03	122092	15.50
12 NB-614-COMP-02	275535	11.39	132508	14.03	133313	15.50
13 NB-614-COMP-08	244939	11.39	115177	14.03	123371	15.50

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.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 19 2024 12:00AM

Lab File ID: BF139468.D Time Analyzed: 17:49

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	256666	11.398	130668	14.033	130863	15.504
	UPPER LIMIT	513332	11.898	261336	14.533	261726	16.004
	LOWER LIMIT	128333	10.898	65334	13.533	65431.5	15.004
	EPA SAMPLE NO.						
01	PB163446TB	235896	11.39	168810	14.03	140255	15.50
02	SW-1-TANK17	257548	11.40	122918	14.03	135487	15.50
03	SW-1-TANK17MS	276894	11.40	134458	14.03	149953	15.50
04	SW-1-TANK17MSD	271500	11.40	133408	14.03	147512	15.50
05	WC-A-08-202409MS	243719	11.40	126569	14.03	139000	15.50
06	WC-A-08-202409MSD	227131	11.40	115561	14.03	127650	15.50
07	RT2299	111660 *	11.39	10609 *	14.03	201 *	15.50
08	COMP-1	229168	11.39	110437	14.03	70324	15.50
09	NB-614-COMP-01	275090	11.40	132891	14.03	104433	15.50
10	NB-614-COMP-02	268409	11.40	131296	14.03	110000	15.50
11	NB-614-COMP-03	239603	11.40	120131	14.03	66731	15.50
12	NB-614-COMP-04	259648	11.39	125673	14.03	104691	15.50
13	NB-614-COMP-05	274759	11.40	138995	14.03	120727	15.50
14	NB-614-COMP-06	256333	11.39	124550	14.03	106273	15.50
15	NB-614-COMP-07	255254	11.40	126749	14.03	112829	15.50
16	NB-614-COMP-08	264310	11.39	125496	14.03	109798	15.50
17	NB-614-COMP-09	215090	11.40	55503 *	14.03	2247 *	15.50
18	365-351-294	274758	11.39	131724	14.03	106520	15.50
19	WC-14-7.5-10A	241662	11.40	124369	14.03	122967	15.50
20	DN-B-49	231137	11.39	117874	14.03	120468	15.50
21	NB-614-COMP-03	239967	11.39	128613	14.03	132950	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091924 SAS No.: BF091924 SDG NO.: BF091924

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BF139468.D Time Analyzed: 03:57

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	256666	11.398	130668	14.033	130863	15.504
UPPER LIMIT	513332	11.898	261336	14.533	261726	16.004
LOWER LIMIT	128333	10.898	65334	13.533	65431.5	15.004
EPA SAMPLE NO.						
22 WC-B-COMPDL	223216	11.39	133455	14.03	127899	15.50
23 WC-14-5-7.5B	175001	11.40	126707	14.03	125544	15.50

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.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163454BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	410	ug/Kg	24				10	133	
	Aniline	1700	1500	ug/Kg	88				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	980	ug/Kg	58				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5200	ug/Kg	158				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	24400	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163454BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2200	ug/Kg	67				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163486BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1400	ug/Kg	82				28	98		
	Benzaldehyde	1700	500	ug/Kg	29				10	133		
	Aniline	1700	1700	ug/Kg	100				38	100		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100		
	Acetophenone	1700	1400	ug/Kg	82				66	98		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1300	ug/Kg	76				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111		
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110		
	Benzoic acid	1700	1300	ug/Kg	76				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100		
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	5000	ug/Kg	152				45	165		
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101		
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1600	ug/Kg	94				57	104		
	Total PAH	27200	24900	ug/Kg	92				57	104		
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163486BS	4-Nitrophenol	3300	2700	ug/Kg	82				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	3000	ug/Kg	88				60	106		
	Diethylphthalate	1700	1500	ug/Kg	88				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	2100	ug/Kg	124				47	152		
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	2400	ug/Kg	73				10	98		
	Pyrene	1700	1700	ug/Kg	100				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102		
	Chrysene	1700	1600	ug/Kg	94				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135		
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163495BS	n-Nitrosodimethylamine	50	39.3	ug/L	79				55	108	
	Pyridine	50	43	ug/L	86				29	97	
	Benzaldehyde	50	12.2	ug/L	24				10	162	
	Aniline	50	44.4	ug/L	89				10	130	
	Phenol	50	42.8	ug/L	86				66	118	
	bis(2-Chloroethyl)ether	50	42.2	ug/L	84				62	103	
	2-Chlorophenol	50	43.3	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	41.4	ug/L	83				72	102	
	1,3-Dichlorobenzene	50	40.7	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.4	ug/L	83				76	103	
	Benzyl Alcohol	50	42.2	ug/L	84				36	93	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.3	ug/L	101		*		65	100	
	Acetophenone	50	40.5	ug/L	81				60	104	
	3+4-Methylphenols	50	41.8	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50	44.6	ug/L	89				57	107	
	Hexachloroethane	50	40.7	ug/L	81				76	118	
	Nitrobenzene	50	39.8	ug/L	80				58	106	
	Isophorone	50	44.8	ug/L	90				61	102	
	2-Nitrophenol	50	45.5	ug/L	91				70	115	
	2,4-Dimethylphenol	50	53.7	ug/L	107				42	142	
	bis(2-Chloroethoxy)methane	50	45.1	ug/L	90				58	109	
	2,4-Dichlorophenol	50	43	ug/L	86				66	115	
	1,2,4-Trichlorobenzene	50	40.2	ug/L	80				41	115	
	Benzoic acid	50	38.1	ug/L	76				10	125	
	Naphthalene	50	42	ug/L	84				64	107	
	4-Chloroaniline	50	23.8	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.1	ug/L	80				69	101	
	Caprolactam	50	43.7	ug/L	87				58	128	
	4-Chloro-3-methylphenol	50	43.2	ug/L	86				65	114	
	2-Methylnaphthalene	50	42.7	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	44.3	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	42.4	ug/L	85				70	106	
	1,1-Biphenyl	50	42.3	ug/L	85				72	98	
	2-Chloronaphthalene	50	41.8	ug/L	84				59	106	
	2-Nitroaniline	50	43.1	ug/L	86				73	114	
	Dimethylphthalate	50	44.1	ug/L	88				64	103	
	Acenaphthylene	50	46.1	ug/L	92				79	103	
	2,6-Dinitrotoluene	50	42.1	ug/L	84				64	110	
	3-Nitroaniline	50	28.3	ug/L	57				28	100	
	Acenaphthene	50	47.4	ug/L	95				59	113	
	Total PAH	800	724.2	ug/L	91				59	113	
	2,4-Dinitrophenol	100	89.4	ug/L	89				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163495BS	4-Nitrophenol	100	78.9	ug/L	79				45	147	
	Dibenzofuran	50	42.9	ug/L	86				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	85.8	ug/L	86				60	115	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	43.2	ug/L	86				63	105	
	4-Chlorophenyl-phenylether	50	41.9	ug/L	84				61	104	
	Fluorene	50	41.9	ug/L	84				64	107	
	4-Nitroaniline	50	38.3	ug/L	77				55	125	
	4,6-Dinitro-2-methylphenol	50	48	ug/L	96				62	132	
	N-Nitrosodiphenylamine	50	45.9	ug/L	92				61	109	
	Azobenzene	50	43.5	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50	45.5	ug/L	91				73	103	
	Hexachlorobenzene	50	44	ug/L	88				73	106	
	Atrazine	50	62.7	ug/L	125		*		76	120	
	Pentachlorophenol	100	81.5	ug/L	82				47	114	
	Phenanthrene	50	44.6	ug/L	89				62	109	
	Anthracene	50	46.6	ug/L	93				65	110	
	Carbazole	50	42.8	ug/L	86				62	106	
	Di-n-butylphthalate	50	45.1	ug/L	90				64	106	
	Fluoranthene	50	40.9	ug/L	82				64	110	
	Benzidine	100	66.4	ug/L	66				10	94	
	Pyrene	50	48.3	ug/L	97				71	103	
	Butylbenzylphthalate	50	49.3	ug/L	99				61	105	
	3,3-Dichlorobenzidine	50	34.2	ug/L	68				43	108	
	Benzo(a)anthracene	50	46.8	ug/L	94				62	107	
	Chrysene	50	45.6	ug/L	91				61	108	
	bis(2-Ethylhexyl)phthalate	50	49.2	ug/L	98				59	110	
	Di-n-octyl phthalate	50	51	ug/L	102				52	139	
	Benzo(b)fluoranthene	50	47.5	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	41.4	ug/L	83				77	105	
	Benzo(a)pyrene	50	48.8	ug/L	98				72	131	
	Indeno(1,2,3-cd)pyrene	50	47	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50	46.2	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50	43.1	ug/L	86				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.5	ug/L	85				72	101	
	1,4-Dioxane	50	36.2	ug/L	72				38	125	
	2,3,4,6-Tetrachlorophenol	50	44	ug/L	88				63	116	
	1-Methylnaphthalene	50	41	ug/L	82				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163516BS	n-Nitrosodimethylamine	50	40.2	ug/L	80				55	108	
	Pyridine	50	43.9	ug/L	88				29	97	
	Benzaldehyde	50	12	ug/L	24				10	162	
	Aniline	50	46.1	ug/L	92				10	130	
	Phenol	50	43.9	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	42.4	ug/L	85				62	103	
	2-Chlorophenol	50	44.2	ug/L	88				70	117	
	1,2-Dichlorobenzene	50	42.2	ug/L	84				72	102	
	1,3-Dichlorobenzene	50	41.5	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	41.6	ug/L	83				76	103	
	Benzyl Alcohol	50	42.9	ug/L	86				36	93	
	2-Methylphenol	50	44.9	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50	51.2	ug/L	102		*		65	100	
	Acetophenone	50	40.7	ug/L	81				60	104	
	3+4-Methylphenols	50	42.3	ug/L	85				67	106	
	N-Nitroso-di-n-propylamine	50	44.7	ug/L	89				57	107	
	Hexachloroethane	50	41.8	ug/L	84				76	118	
	Nitrobenzene	50	40.1	ug/L	80				58	106	
	Isophorone	50	45.4	ug/L	91				61	102	
	2-Nitrophenol	50	46.2	ug/L	92				70	115	
	2,4-Dimethylphenol	50	53.8	ug/L	108				42	142	
	bis(2-Chloroethoxy)methane	50	45.3	ug/L	91				58	109	
	2,4-Dichlorophenol	50	44	ug/L	88				66	115	
	1,2,4-Trichlorobenzene	50	40.6	ug/L	81				41	115	
	Benzoic acid	50	38.4	ug/L	77				10	125	
	Naphthalene	50	42.2	ug/L	84				64	107	
	4-Chloroaniline	50	22.4	ug/L	45				10	85	
	Hexachlorobutadiene	50	39.2	ug/L	78				69	101	
	Caprolactam	50	44.1	ug/L	88				58	128	
	4-Chloro-3-methylphenol	50	43.1	ug/L	86				65	114	
	2-Methylnaphthalene	50	43.3	ug/L	87				64	107	
	Hexachlorocyclopentadiene	100	150	ug/L	150				36	160	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	42	ug/L	84				70	106	
	1,1-Biphenyl	50	42.3	ug/L	85				72	98	
	2-Chloronaphthalene	50	41.7	ug/L	83				59	106	
	2-Nitroaniline	50	43.2	ug/L	86				73	114	
	Dimethylphthalate	50	43.7	ug/L	87				64	103	
	Acenaphthylene	50	46.3	ug/L	93				79	103	
	2,6-Dinitrotoluene	50	43.6	ug/L	87				64	110	
	3-Nitroaniline	50	28	ug/L	56				28	100	
	Acenaphthene	50	47.7	ug/L	95				59	113	
	Total PAH	800	730.2	ug/L	91				59	113	
	2,4-Dinitrophenol	100	88	ug/L	88				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163516BS	4-Nitrophenol	100	79.4	ug/L	79				45	147	
	Dibenzofuran	50	43.2	ug/L	86				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100	86.6	ug/L	87				60	115	
	2,4-Dinitrotoluene	50	43	ug/L	86				60	115	
	Diethylphthalate	50	43.1	ug/L	86				63	105	
	4-Chlorophenyl-phenylether	50	41.4	ug/L	83				61	104	
	Fluorene	50	41.4	ug/L	83				64	107	
	4-Nitroaniline	50	37.7	ug/L	75				55	125	
	4,6-Dinitro-2-methylphenol	50	48.7	ug/L	97				62	132	
	N-Nitrosodiphenylamine	50	47.2	ug/L	94				61	109	
	Azobenzene	50	44.3	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	46.2	ug/L	92				73	103	
	Hexachlorobenzene	50	43.8	ug/L	88				73	106	
	Atrazine	50	63.7	ug/L	127		*		76	120	
	Pentachlorophenol	100	82.5	ug/L	83				47	114	
	Phenanthrene	50	45.4	ug/L	91				62	109	
	Anthracene	50	46.8	ug/L	94				65	110	
	Carbazole	50	42.7	ug/L	85				62	106	
	Di-n-butylphthalate	50	46	ug/L	92				64	106	
	Fluoranthene	50	42.1	ug/L	84				64	110	
	Benzidine	100	65.6	ug/L	66				10	94	
	Pyrene	50	48.7	ug/L	97				71	103	
	Butylbenzylphthalate	50	50.4	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	35	ug/L	70				43	108	
	Benzo(a)anthracene	50	47.2	ug/L	94				62	107	
	Chrysene	50	45.8	ug/L	92				61	108	
	bis(2-Ethylhexyl)phthalate	50	49.6	ug/L	99				59	110	
	Di-n-octyl phthalate	50	51.8	ug/L	104				52	139	
	Benzo(b)fluoranthene	50	48.2	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	41.9	ug/L	84				77	105	
	Benzo(a)pyrene	50	49.5	ug/L	99				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	46.8	ug/L	94				78	115	
	Benzo(g,h,i)perylene	50	42.7	ug/L	85				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84				72	101	
	1,4-Dioxane	50	37.3	ug/L	75				38	125	
	2,3,4,6-Tetrachlorophenol	50	44.5	ug/L	89				63	116	
	1-Methylnaphthalene	50	41	ug/L	82				51	114	
PB163516BSD	n-Nitrosodimethylamine	50	40.4	ug/L	81	0			55	108	20
	Pyridine	50	43.9	ug/L	88	0			29	97	20
	Benzaldehyde	50	12.5	ug/L	25	4			10	162	20
	Aniline	50	45	ug/L	90	2			10	130	20
	Phenol	50	44	ug/L	88	0			66	118	20
	bis(2-Chloroethyl)ether	50	43	ug/L	86	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163516BSD	2-Chlorophenol	50	44.5	ug/L	89	1			70	117	20
	1,2-Dichlorobenzene	50	42	ug/L	84	0			72	102	20
	1,3-Dichlorobenzene	50	41.3	ug/L	83	0			71	103	20
	1,4-Dichlorobenzene	50	42.1	ug/L	84	1			76	103	20
	Benzyl Alcohol	50	43.1	ug/L	86	0			36	93	20
	2-Methylphenol	50	44.9	ug/L	90	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	51	ug/L	102	0	*		65	100	20
	Acetophenone	50	40.9	ug/L	82	0			60	104	20
	3+4-Methylphenols	50	42.8	ug/L	86	1			67	106	20
	N-Nitroso-di-n-propylamine	50	45.5	ug/L	91	2			57	107	20
	Hexachloroethane	50	42.3	ug/L	85	1			76	118	20
	Nitrobenzene	50	40.3	ug/L	81	0			58	106	20
	Isophorone	50	45.6	ug/L	91	0			61	102	20
	2-Nitrophenol	50	46.5	ug/L	93	1			70	115	20
	2,4-Dimethylphenol	50	54.3	ug/L	109	1			42	142	20
	bis(2-Chloroethoxy)methane	50	45.5	ug/L	91	0			58	109	20
	2,4-Dichlorophenol	50	43.7	ug/L	87	1			66	115	20
	1,2,4-Trichlorobenzene	50	40.3	ug/L	81	1			41	115	20
	Benzoic acid	50	39.1	ug/L	78	2			10	125	20
	Naphthalene	50	42.4	ug/L	85	0			64	107	20
	4-Chloroaniline	50	23.4	ug/L	47	4			10	85	20
	Hexachlorobutadiene	50	39.5	ug/L	79	1			69	101	20
	Caprolactam	50	44.8	ug/L	90	2			58	128	20
	4-Chloro-3-methylphenol	50	43.5	ug/L	87	1			65	114	20
	2-Methylnaphthalene	50	43.7	ug/L	87	1			64	107	20
	Hexachlorocyclopentadiene	100	150	ug/L	150	0			36	160	20
	2,4,6-Trichlorophenol	50	44.8	ug/L	90	0			61	110	20
	2,4,5-Trichlorophenol	50	42.5	ug/L	85	1			70	106	20
	1,1-Biphenyl	50	42.4	ug/L	85	0			72	98	20
	2-Chloronaphthalene	50	42	ug/L	84	1			59	106	20
	2-Nitroaniline	50	43.5	ug/L	87	1			73	114	20
	Dimethylphthalate	50	44.2	ug/L	88	1			64	103	20
	Acenaphthylene	50	46.4	ug/L	93	0			79	103	20
	2,6-Dinitrotoluene	50	44	ug/L	88	1			64	110	20
	3-Nitroaniline	50	28.1	ug/L	56	0			28	100	20
	Acenaphthene	50	48	ug/L	96	1			59	113	20
	Total PAH	800	727.7	ug/L	91	0			59	113	20
	2,4-Dinitrophenol	100	90.5	ug/L	91	3			36	166	20
	4-Nitrophenol	100	78.1	ug/L	78	2			45	147	20
	Dibenzofuran	50	43.4	ug/L	87	0			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	88.1	ug/L	88	2			60	115	20
	2,4-Dinitrotoluene	50	44.1	ug/L	88	3			60	115	20
	Diethylphthalate	50	43.5	ug/L	87	1			63	105	20
	4-Chlorophenyl-phenylether	50	42	ug/L	84	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163516BSD	Fluorene	50	41.6	ug/L	83	0			64	107	20
	4-Nitroaniline	50	38.4	ug/L	77	2			55	125	20
	4,6-Dinitro-2-methylphenol	50	47.3	ug/L	95	3			62	132	20
	N-Nitrosodiphenylamine	50	46.6	ug/L	93	1			61	109	20
	Azobenzene	50	44.4	ug/L	89	0			59	106	20
	4-Bromophenyl-phenylether	50	46	ug/L	92	0			73	103	20
	Hexachlorobenzene	50	43.6	ug/L	87	0			73	106	20
	Atrazine	50	63.1	ug/L	126	1	*		76	120	20
	Pentachlorophenol	100	82.7	ug/L	83	0			47	114	20
	Phenanthrene	50	45	ug/L	90	1			62	109	20
	Anthracene	50	46.7	ug/L	93	0			65	110	20
	Carbazole	50	42.7	ug/L	85	0			62	106	20
	Di-n-butylphthalate	50	45.9	ug/L	92	0			64	106	20
	Fluoranthene	50	42.1	ug/L	84	0			64	110	20
	Benzidine	100	65.6	ug/L	66	0			10	94	20
	Pyrene	50	47.7	ug/L	95	2			71	103	20
	Butylbenzylphthalate	50	48.9	ug/L	98	3			61	105	20
	3,3-Dichlorobenzidine	50	33.8	ug/L	68	3			43	108	20
	Benzo(a)anthracene	50	46.7	ug/L	93	1			62	107	20
	Chrysene	50	44.6	ug/L	89	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	49.4	ug/L	99	0			59	110	20
	Di-n-octyl phthalate	50	51.4	ug/L	103	1			52	139	20
	Benzo(b)fluoranthene	50	48.8	ug/L	98	1			77	113	20
	Benzo(k)fluoranthene	50	43	ug/L	86	3			77	105	20
	Benzo(a)pyrene	50	49.8	ug/L	100	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	46.9	ug/L	94	1			72	105	20
	Dibenz(a,h)anthracene	50	46.2	ug/L	92	1			78	115	20
	Benzo(g,h,i)perylene	50	41.8	ug/L	84	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84	0			72	101	20
	1,4-Dioxane	50	36.9	ug/L	74	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	44.4	ug/L	89	0			63	116	20
	1-Methylnaphthalene	50	40.9	ug/L	82	0			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163454BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091924

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139454.D

Lab Sample ID: PB163454BL

Instrument ID: BNA_F

Date Extracted: 09/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 10:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163454BS	PB163454BS	BF139455.D	09/19/2024
DN-B-49	P4027-01	BF139488.D	09/20/2024
SW-1-TANK17	P4015-03	BF139470.D	09/19/2024
SW-1-TANK17MS	P4015-03MS	BF139471.D	09/19/2024
SW-1-TANK17MSD	P4015-03MSD	BF139472.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

NB-614-COMP-03

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091924

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139489.D

Lab Sample ID: P4087-13

Instrument ID: BNA_F

Date Extracted: 09/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 03:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
NB-614-COMP-03	P4087-13	BF139489.D	09/20/2024
NB-614-COMP-02	P4087-07	BF139465.D	09/19/2024
NB-614-COMP-08	P4088-07	BF139466.D	09/19/2024
NB-614-COMP-04	P4087-19	BF139463.D	09/19/2024
PB163486BS	PB163486BS	BF139457.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163495BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091924

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139456.D

Lab Sample ID: PB163495BL

Instrument ID: BNA_F

Date Extracted: 09/18/2024

Matrix: (soil/water) water

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 11:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163445TB	PB163445TB	BF139458.D	09/19/2024
PB163495BS	PB163495BS	BF139459.D	09/19/2024
PB163446TB	PB163446TB	BF139469.D	09/19/2024
WC-A-08-202409MS	P4030-02MS	BF139473.D	09/19/2024
WC-A-08-202409MSD	P4030-02MSD	BF139474.D	09/19/2024
RT2299	P4097-02	BF139475.D	09/19/2024
COMP-1	P4085-02	BF139476.D	09/19/2024
NB-614-COMP-01	P4087-02	BF139477.D	09/19/2024
NB-614-COMP-02	P4087-08	BF139478.D	09/19/2024
NB-614-COMP-03	P4087-14	BF139479.D	09/19/2024
NB-614-COMP-04	P4087-20	BF139480.D	09/19/2024
NB-614-COMP-05	P4087-26	BF139481.D	09/19/2024
NB-614-COMP-06	P4087-32	BF139482.D	09/20/2024
NB-614-COMP-07	P4088-02	BF139483.D	09/20/2024
NB-614-COMP-08	P4088-08	BF139484.D	09/20/2024
NB-614-COMP-09	P4088-14	BF139485.D	09/20/2024
365-351-294	P4089-02	BF139486.D	09/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163516BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091924

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139460.D

Lab Sample ID: PB163516BL

Instrument ID: BNA_F

Date Extracted: 09/18/2024

Matrix: (soil/water) Water

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 12:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163516BS	PB163516BS	BF139461.D	09/19/2024
PB163516BSD	PB163516BSD	BF139462.D	09/19/2024
PURGE-WATER	P4085-05	BF139464.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-14-5-7.5B

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091924

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139491.D

Lab Sample ID: P4103-07

Instrument ID: BNA_F

Date Extracted: 09/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 04:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-14-5-7.5B	P4103-07	BF139491.D	09/20/2024
WC-14-7.5-10A	P4103-10	BF139487.D	09/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4015-03MS		Client Sample ID: SW-1-TANK17MS		DataFile: BF139471.D							
n-Nitrosodimethylamine	1800		1600	ug/Kg	89				66	124	
Pyridine	1800		1800	ug/Kg	100				45	119	
Benzaldehyde	1800		480	ug/Kg	27				10	86	
Aniline	1800		1800	ug/Kg	100	*			10	88	
Phenol	1800		1800	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1800		1700	ug/Kg	94				54	125	
2-Chlorophenol	1800		1800	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1800		1700	ug/Kg	94				61	105	
1,3-Dichlorobenzene	1800		1600	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1800		1700	ug/Kg	94				63	104	
Benzyl Alcohol	1800		1700	ug/Kg	94				47	126	
2-Methylphenol	1800		1800	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1800		2100	ug/Kg	117	*			65	110	
Acetophenone	1800		1700	ug/Kg	94				75	111	
3+4-Methylphenols	1800		1700	ug/Kg	94				66	104	
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100				59	119	
Hexachloroethane	1800		1600	ug/Kg	89				65	117	
Nitrobenzene	1800		1600	ug/Kg	89				70	119	
Isophorone	1800		1900	ug/Kg	106				76	122	
2-Nitrophenol	1800		1800	ug/Kg	100				54	145	
2,4-Dimethylphenol	1800		2100	ug/Kg	117				44	135	
bis(2-Chloroethoxy)methane	1800		1900	ug/Kg	106				68	112	
2,4-Dichlorophenol	1800		1700	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1800		1600	ug/Kg	89				57	103	
Benzoic acid	1800		1500	ug/Kg	83				50	104	
Naphthalene	1800		1700	ug/Kg	94				72	110	
4-Chloroaniline	1800		820	ug/Kg	46				10	91	
Hexachlorobutadiene	1800		1600	ug/Kg	89				66	114	
Caprolactam	1800		1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800		1700	ug/Kg	94				57	132	
2-Methylnaphthalene	1800		1700	ug/Kg	94				59	123	
Hexachlorocyclopentadiene	3700		5100	ug/Kg	138				10	175	
2,4,6-Trichlorophenol	1800		1800	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94				72	117	
1,1-Biphenyl	1800		1800	ug/Kg	100				75	113	
2-Chloronaphthalene	1800		1700	ug/Kg	94				67	118	
2-Nitroaniline	1800		1700	ug/Kg	94				69	127	
Dimethylphthalate	1800		1800	ug/Kg	100				70	113	
Acenaphthylene	1800		1800	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1800		1700	ug/Kg	94				70	125	
3-Nitroaniline	1800		1200	ug/Kg	67				30	99	
Acenaphthene	1800		1800	ug/Kg	100				70	121	
Total PAH	28800		26700	ug/Kg	93				70	121	
2,4-Dinitrophenol	3700		2800	ug/Kg	76				10	155	
4-Nitrophenol	3700		3000	ug/Kg	81				45	133	
Dibenzofuran	1800		1700	ug/Kg	94				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1600	ug/Kg	89				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3300	ug/Kg	92				55	128	
Diethylphthalate	1800		1800	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94				71	108	
Fluorene	1800		1600	ug/Kg	89				68	116	
4-Nitroaniline	1800		1400	ug/Kg	78				55	120	
4,6-Dinitro-2-methylphenol	1800		1700	ug/Kg	94				10	160	
N-Nitrosodiphenylamine	1800		2000	ug/Kg	111				73	118	
Azobenzene	1800		1800	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111				65	121	
Hexachlorobenzene	1800		1800	ug/Kg	100				67	118	
Atrazine	1800		2600	ug/Kg	144	*			79	127	
Pentachlorophenol	3700		3200	ug/Kg	86				47	128	
Phenanthrene	1800		1800	ug/Kg	100				52	128	
Anthracene	1800		1900	ug/Kg	106				62	124	
Carbazole	1800		1600	ug/Kg	89				59	119	
Di-n-butylphthalate	1800		1900	ug/Kg	106				69	118	
Fluoranthene	1800		1400	ug/Kg	78				44	125	
Benzydine	3700		3100	ug/Kg	84				10	119	
Pyrene	1800		1700	ug/Kg	94				26	142	
Butylbenzylphthalate	1800		1900	ug/Kg	106				64	126	
3,3-Dichlorobenzidine	1800		1700	ug/Kg	94				33	116	
Benzo(a)anthracene	1800		1900	ug/Kg	106				71	114	
Chrysene	1800		1800	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1800		2000	ug/Kg	111				42	169	
Di-n-octyl phthalate	1800		2300	ug/Kg	128				23	175	
Benzo(b)fluoranthene	1800		1900	ug/Kg	106				67	121	
Benzo(k)fluoranthene	1800		1600	ug/Kg	89				57	134	
Benzo(a)pyrene	1800		1900	ug/Kg	106				70	142	
Indeno(1,2,3-cd)pyrene	1800		1400	ug/Kg	78				40	129	
Dibenz(a,h)anthracene	1800		1400	ug/Kg	78				43	123	
Benzo(g,h,i)perylene	1800		1100	ug/Kg	61				24	125	
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100				69	124	
1,4-Dioxane	1800		1600	ug/Kg	89				46	112	
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94				69	112	
1-Methylnaphthalene	1800		1600	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4015-03MSD		Client Sample ID: SW-1-TANK17MSD		DataFile: BF139472.D							
n-Nitrosodimethylamine	1800		1600	ug/Kg	89		0		66	124	20
Pyridine	1800		1900	ug/Kg	106		6		45	119	20
Benzaldehyde	1800		480	ug/Kg	27		0		10	86	20
Aniline	1800		1900	ug/Kg	106	*	6		10	88	20
Phenol	1800		1800	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1800		1800	ug/Kg	100		6		54	125	20
2-Chlorophenol	1800		1800	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1800		1700	ug/Kg	94		0		61	105	20
1,3-Dichlorobenzene	1800		1700	ug/Kg	94		5		62	101	20
1,4-Dichlorobenzene	1800		1700	ug/Kg	94		0		63	104	20
Benzyl Alcohol	1800		1800	ug/Kg	100		6		47	126	20
2-Methylphenol	1800		1800	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800		2100	ug/Kg	117	*	0		65	110	20
Acetophenone	1800		1700	ug/Kg	94		0		75	111	20
3+4-Methylphenols	1800		1700	ug/Kg	94		0		66	104	20
N-Nitroso-di-n-propylamine	1800		1900	ug/Kg	106		6		59	119	20
Hexachloroethane	1800		1600	ug/Kg	89		0		65	117	20
Nitrobenzene	1800		1700	ug/Kg	94		5		70	119	20
Isophorone	1800		1900	ug/Kg	106		0		76	122	20
2-Nitrophenol	1800		1800	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1800		2200	ug/Kg	122		4		44	135	20
bis(2-Chloroethoxy)methane	1800		1900	ug/Kg	106		0		68	112	20
2,4-Dichlorophenol	1800		1800	ug/Kg	100		6		72	118	20
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94		5		57	103	20
Benzoic acid	1800		1500	ug/Kg	83		0		50	104	20
Naphthalene	1800		1700	ug/Kg	94		0		72	110	20
4-Chloroaniline	1800		760	ug/Kg	42		9		10	91	20
Hexachlorobutadiene	1800		1700	ug/Kg	94		5		66	114	20
Caprolactam	1800		1700	ug/Kg	94		5		51	134	20
4-Chloro-3-methylphenol	1800		1700	ug/Kg	94		0		57	132	20
2-Methylnaphthalene	1800		1800	ug/Kg	100		6		59	123	20
Hexachlorocyclopentadiene	3700		5100	ug/Kg	138		0		10	175	20
2,4,6-Trichlorophenol	1800		1900	ug/Kg	106		6		72	117	20
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100		6		72	117	20
1,1-Biphenyl	1800		1800	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1800		1800	ug/Kg	100		6		67	118	20
2-Nitroaniline	1800		1800	ug/Kg	100		6		69	127	20
Dimethylphthalate	1800		1900	ug/Kg	106		6		70	113	20
Acenaphthylene	1800		1900	ug/Kg	106		6		79	118	20
2,6-Dinitrotoluene	1800		1800	ug/Kg	100		6		70	125	20
3-Nitroaniline	1800		1200	ug/Kg	67		0		30	99	20
Acenaphthene	1800		1900	ug/Kg	106		6		70	121	20
Total PAH	28800		27400	ug/Kg	95		2		70	121	20
2,4-Dinitrophenol	3700		3100	ug/Kg	84		10		10	155	20
4-Nitrophenol	3700		3200	ug/Kg	86		6		45	133	20
Dibenzofuran	1800		1800	ug/Kg	100		6		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1700	ug/Kg	94		5		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3500	ug/Kg	97		5		55	128	20
Diethylphthalate	1800		1800	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94		0		71	108	20
Fluorene	1800		1700	ug/Kg	94		5		68	116	20
4-Nitroaniline	1800		1500	ug/Kg	83		6		55	120	20
4,6-Dinitro-2-methylphenol	1800		1800	ug/Kg	100		6		10	160	20
N-Nitrosodiphenylamine	1800		2100	ug/Kg	117		5		73	118	20
Azobenzene	1800		1900	ug/Kg	106		6		73	110	20
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111		0		65	121	20
Hexachlorobenzene	1800		1900	ug/Kg	106		6		67	118	20
Atrazine	1800		2700	ug/Kg	150	*	4		79	127	20
Pentachlorophenol	3700		3300	ug/Kg	89		3		47	128	20
Phenanthrene	1800		1800	ug/Kg	100		0		52	128	20
Anthracene	1800		1900	ug/Kg	106		0		62	124	20
Carbazole	1800		1700	ug/Kg	94		5		59	119	20
Di-n-butylphthalate	1800		2000	ug/Kg	111		5		69	118	20
Fluoranthene	1800		1400	ug/Kg	78		0		44	125	20
Benzydine	3700		3400	ug/Kg	92		9		10	119	20
Pyrene	1800		1700	ug/Kg	94		0		26	142	20
Butylbenzylphthalate	1800		2000	ug/Kg	111		5		64	126	20
3,3-Dichlorobenzidine	1800		1700	ug/Kg	94		0		33	116	20
Benzo(a)anthracene	1800		1900	ug/Kg	106		0		71	114	20
Chrysene	1800		1800	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2000	ug/Kg	111		0		42	169	20
Di-n-octyl phthalate	1800		2400	ug/Kg	133		4		23	175	20
Benzo(b)fluoranthene	1800		1900	ug/Kg	106		0		67	121	20
Benzo(k)fluoranthene	1800		1700	ug/Kg	94		5		57	134	20
Benzo(a)pyrene	1800		2000	ug/Kg	111		5		70	142	20
Indeno(1,2,3-cd)pyrene	1800		1400	ug/Kg	78		0		40	129	20
Dibenz(a,h)anthracene	1800		1500	ug/Kg	83		6		43	123	20
Benzo(g,h,i)perylene	1800		1200	ug/Kg	67		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1800		1900	ug/Kg	106		6		69	124	20
1,4-Dioxane	1800		1600	ug/Kg	89		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1800	ug/Kg	100		6		69	112	20
1-Methylnaphthalene	1800		1600	ug/Kg	89		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4030-02MS		Client Sample ID: WC-A-08-202409MS		DataFile: BF139473.D							
n-Nitrosodimethylamine	500		390	ug/L	78				10	130	
Pyridine	500		380	ug/L	76				10	109	
Benzaldehyde	500		130	ug/L	26				10	137	
Aniline	500		500	ug/L	100				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		440	ug/L	88				29	141	
2-Chlorophenol	500		440	ug/L	88				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		400	ug/L	80				65	106	
1,4-Dichlorobenzene	500		400	ug/L	80				55	125	
Benzyl Alcohol	500		460	ug/L	92				31	94	
2-Methylphenol	500		470	ug/L	94				37	126	
2,2-oxybis(1-Chloropropane)	500		520	ug/L	104				36	141	
Acetophenone	500		430	ug/L	86				31	164	
3+4-Methylphenols	500		440	ug/L	88				31	127	
N-Nitroso-di-n-propylamine	500		490	ug/L	98				36	147	
Hexachloroethane	500		390	ug/L	78				49	110	
Nitrobenzene	500		410	ug/L	82				62	112	
Isophorone	500		510	ug/L	102				39	146	
2-Nitrophenol	500		450	ug/L	90				30	148	
2,4-Dimethylphenol	500		590	ug/L	118				17	143	
bis(2-Chloroethoxy)methane	500		490	ug/L	98				39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		400	ug/L	80				66	110	
Benzoic acid	500		390	ug/L	78				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		380	ug/L	76				10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		400	ug/L	80				10	130	
4-Chloro-3-methylphenol	500		470	ug/L	94				17	148	
2-Methylnaphthalene	500		460	ug/L	92				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		510	ug/L	102				78	112	
2,4,5-Trichlorophenol	500		500	ug/L	100				71	111	
1,1-Biphenyl	500		490	ug/L	98				38	154	
2-Chloronaphthalene	500		480	ug/L	96				41	145	
2-Nitroaniline	500		520	ug/L	104				39	151	
Dimethylphthalate	500		530	ug/L	106				42	147	
Acenaphthylene	500		510	ug/L	102				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		430	ug/L	86				10	111	
Acenaphthene	500		530	ug/L	106				37	146	
Total PAH	8000		7930	ug/L	99				37	146	
2,4-Dinitrophenol	1000		910	ug/L	91				14	167	
4-Nitrophenol	1000		830	ug/L	83				10	130	
Dibenzofuran	500		490	ug/L	98				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1000	ug/L	100				50	142	
2,4-Dinitrotoluene	500		500	ug/L	100				50	142	
Diethylphthalate	500		520	ug/L	104				41	148	
4-Chlorophenyl-phenylether	500		480	ug/L	96				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		550	ug/L	110				32	175	
N-Nitrosodiphenylamine	500		620	ug/L	124				40	150	
Azobenzene	500		500	ug/L	100				72	112	
4-Bromophenyl-phenylether	500		600	ug/L	120				42	151	
Hexachlorobenzene	500		540	ug/L	108				72	115	
Atrazine	500		700	ug/L	140				20	162	
Pentachlorophenol	1000	180	1100	ug/L	92				25	139	
Phenanthrene	500		540	ug/L	108				40	147	
Anthracene	500		560	ug/L	112				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		580	ug/L	116				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000		740	ug/L	74				10	130	
Pyrene	500		500	ug/L	100				41	149	
Butylbenzylphthalate	500		580	ug/L	116				39	155	
3,3-Dichlorobenzidine	500		580	ug/L	116	*			10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		540	ug/L	108				44	144	
bis(2-Ethylhexyl)phthalate	500		600	ug/L	120				33	160	
Di-n-octyl phthalate	500		700	ug/L	140				36	158	
Benzo(b)fluoranthene	500		560	ug/L	112				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		590	ug/L	118				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		430	ug/L	86				23	172	
Benzo(g,h,i)perylene	500		340	ug/L	68				27	167	
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96				89	102	
1,4-Dioxane	500		360	ug/L	72				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4030-02MSD		Client Sample ID: WC-A-08-202409MSD					DataFile: BF139474.D				
n-Nitrosodimethylamine	500		390	ug/L	78		0		10	130	20
Pyridine	500		390	ug/L	78		3		10	109	20
Benzaldehyde	500		140	ug/L	28		7		10	137	20
Aniline	500		520	ug/L	104		4		10	130	20
Phenol	500		420	ug/L	84		2		10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		0		29	141	20
2-Chlorophenol	500		450	ug/L	90		2		23	127	20
1,2-Dichlorobenzene	500		420	ug/L	84		0		61	114	20
1,3-Dichlorobenzene	500		410	ug/L	82		2		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		5		55	125	20
Benzyl Alcohol	500		470	ug/L	94		2		31	94	20
2-Methylphenol	500		470	ug/L	94		0		37	126	20
2,2-oxybis(1-Chloropropane)	500		540	ug/L	108		4		36	141	20
Acetophenone	500		430	ug/L	86		0		31	164	20
3+4-Methylphenols	500		450	ug/L	90		2		31	127	20
N-Nitroso-di-n-propylamine	500		500	ug/L	100		2		36	147	20
Hexachloroethane	500		390	ug/L	78		0		49	110	20
Nitrobenzene	500		430	ug/L	86		5		62	112	20
Isophorone	500		520	ug/L	104		2		39	146	20
2-Nitrophenol	500		470	ug/L	94		4		30	148	20
2,4-Dimethylphenol	500		600	ug/L	120		2		17	143	20
bis(2-Chloroethoxy)methane	500		510	ug/L	102		4		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		4		22	146	20
1,2,4-Trichlorobenzene	500		420	ug/L	84		5		66	110	20
Benzoic acid	500		420	ug/L	84		7		10	101	20
Naphthalene	500		450	ug/L	90		2		17	157	20
4-Chloroaniline	500		410	ug/L	82		8		10	95	20
Hexachlorobutadiene	500		410	ug/L	82		0		52	125	20
Caprolactam	500		410	ug/L	82		2		10	130	20
4-Chloro-3-methylphenol	500		480	ug/L	96		2		17	148	20
2-Methylnaphthalene	500		470	ug/L	94		2		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		4		78	112	20
2,4,5-Trichlorophenol	500		520	ug/L	104		4		71	111	20
1,1-Biphenyl	500		500	ug/L	100		2		38	154	20
2-Chloronaphthalene	500		490	ug/L	98		2		41	145	20
2-Nitroaniline	500		530	ug/L	106		2		39	151	20
Dimethylphthalate	500		550	ug/L	110		4		42	147	20
Acenaphthylene	500		530	ug/L	106		4		40	141	20
2,6-Dinitrotoluene	500		520	ug/L	104		4		43	148	20
3-Nitroaniline	500		450	ug/L	90		5		10	111	20
Acenaphthene	500		550	ug/L	110		4		37	146	20
Total PAH	8000		8140	ug/L	102		3		37	146	20
2,4-Dinitrophenol	1000		970	ug/L	97		6		14	167	20
4-Nitrophenol	1000		840	ug/L	84		1		10	130	20
Dibenzofuran	500		510	ug/L	102		4		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103		3		50	142	20
2,4-Dinitrotoluene	500		510	ug/L	102		2		50	142	20
Diethylphthalate	500		540	ug/L	108		4		41	148	20
4-Chlorophenyl-phenylether	500		500	ug/L	100		4		38	149	20
Fluorene	500		490	ug/L	98		4		39	144	20
4-Nitroaniline	500		450	ug/L	90		2		27	138	20
4,6-Dinitro-2-methylphenol	500		580	ug/L	116		5		32	175	20
N-Nitrosodiphenylamine	500		630	ug/L	126		2		40	150	20
Azobenzene	500		530	ug/L	106		6		72	112	20
4-Bromophenyl-phenylether	500		610	ug/L	122		2		42	151	20
Hexachlorobenzene	500		570	ug/L	114		5		72	115	20
Atrazine	500		720	ug/L	144		3		20	162	20
Pentachlorophenol	1000	180	1200	ug/L	102		10		25	139	20
Phenanthrene	500		550	ug/L	110		2		40	147	20
Anthracene	500		570	ug/L	114		2		41	146	20
Carbazole	500		500	ug/L	100		2		37	154	20
Di-n-butylphthalate	500		600	ug/L	120		3		40	151	20
Fluoranthene	500		440	ug/L	88		0		42	146	20
Benzdine	1000		630	ug/L	63		16		10	130	20
Pyrene	500		510	ug/L	102		2		41	149	20
Butylbenzylphthalate	500		580	ug/L	116		0		39	155	20
3,3-Dichlorobenzidine	500		590	ug/L	118	*	2		10	114	20
Benzo(a)anthracene	500		570	ug/L	114		4		41	147	20
Chrysene	500		550	ug/L	110		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		2		33	160	20
Di-n-octyl phthalate	500		710	ug/L	142		1		36	158	20
Benzo(b)fluoranthene	500		590	ug/L	118		5		40	150	20
Benzo(k)fluoranthene	500		520	ug/L	104		2		40	147	20
Benzo(a)pyrene	500		600	ug/L	120		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86		2		30	166	20
Dibenz(a,h)anthracene	500		440	ug/L	88		2		23	172	20
Benzo(g,h,i)perylene	500		350	ug/L	70		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98		2		89	102	20
1,4-Dioxane	500		370	ug/L	74		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		530	ug/L	106		4		91	111	20
1-Methylnaphthalene	500		460	ug/L	92		4		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3984-04DL	WC-B-COMPDL	BF139490.D	2-Fluorophenol	150	90.22	60		18	112
			Phenol-d6	150	90.21	60		15	107
			Nitrobenzene-d5	100	61.11	61		18	107
			2-Fluorobiphenyl	100	72.28	72		20	109
			2,4,6-Tribromophenol	150	68.71	46		10	116
			Terphenyl-d14	100	62.96	63		10	105

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4015-03	SW-1-TANK17	BF139470.D	2-Fluorophenol	150	125.50	84		18	112
			Phenol-d6	150	126.88	85		15	107
			Nitrobenzene-d5	100	87.63	88		18	107
			2-Fluorobiphenyl	100	88.09	88		20	109
			2,4,6-Tribromophenol	150	110.44	74		10	116
			Terphenyl-d14	100	91.47	91		10	105
P4015-03MS	SW-1-TANK17MS	BF139471.D	2-Fluorophenol	150	103.22	69		18	112
			Phenol-d6	150	103.72	69		15	107
			Nitrobenzene-d5	100	72.66	73		18	107
			2-Fluorobiphenyl	100	74.07	74		20	109
			2,4,6-Tribromophenol	150	93.47	62		10	116
			Terphenyl-d14	100	72.37	72		10	105
P4015-03MSD	SW-1-TANK17MSIBF	139472.D	2-Fluorophenol	150	106.95	71		18	112
			Phenol-d6	150	107.51	72		15	107
			Nitrobenzene-d5	100	74.43	74		18	107
			2-Fluorobiphenyl	100	77.79	78		20	109
			2,4,6-Tribromophenol	150	98.15	65		10	116
			Terphenyl-d14	100	75.71	76		10	105
P4027-01	DN-B-49	BF139488.D	2-Fluorophenol	150	41.28	28		18	112
			Phenol-d6	150	40.73	27		15	107
			Nitrobenzene-d5	100	26.72	27		18	107
			2-Fluorobiphenyl	100	30.05	30		20	109
			2,4,6-Tribromophenol	150	33.03	22		10	116
			Terphenyl-d14	100	29.39	29		10	105
PB163454BL	PB163454BL	BF139454.D	2-Fluorophenol	150	105.33	70		18	112
			Phenol-d6	150	103.88	69		15	107
			Nitrobenzene-d5	100	71.12	71		18	107
			2-Fluorobiphenyl	100	71.61	72		20	109
			2,4,6-Tribromophenol	150	97.63	65		10	116
			Terphenyl-d14	100	78.11	78		10	105
PB163454BS	PB163454BS	BF139455.D	2-Fluorophenol	150	118.09	79		18	112
			Phenol-d6	150	116.74	78		15	107
			Nitrobenzene-d5	100	81.93	82		18	107
			2-Fluorobiphenyl	100	82.26	82		20	109
			2,4,6-Tribromophenol	150	118.24	79		10	116
			Terphenyl-d14	100	93.56	94		10	105

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4087-07	NB-614-COMP-02	BF139465.D	2-Fluorophenol	150	78.46	52		18	112
			Phenol-d6	150	82.33	55		15	107
			Nitrobenzene-d5	100	53.04	53		18	107
			2-Fluorobiphenyl	100	49.62	50		20	109
			2,4,6-Tribromophenol	150	72.93	49		10	116
			Terphenyl-d14	100	55.64	56		10	105
P4087-13	NB-614-COMP-03	BF139489.D	2-Fluorophenol	150	81.73	54		18	112
			Phenol-d6	150	85.03	57		15	107
			Nitrobenzene-d5	100	58.06	58		18	107
			2-Fluorobiphenyl	100	61.74	62		20	109
			2,4,6-Tribromophenol	150	69.40	46		10	116
			Terphenyl-d14	100	53.28	53		10	105
P4087-19	NB-614-COMP-04	BF139463.D	2-Fluorophenol	150	83.55	56		18	112
			Phenol-d6	150	87.32	58		15	107
			Nitrobenzene-d5	100	57.43	57		18	107
			2-Fluorobiphenyl	100	57.51	58		20	109
			2,4,6-Tribromophenol	150	77.99	52		10	116
			Terphenyl-d14	100	67.98	68		10	105
P4088-07	NB-614-COMP-08	BF139466.D	2-Fluorophenol	150	75.25	50		18	112
			Phenol-d6	150	79.28	53		15	107
			Nitrobenzene-d5	100	53.94	54		18	107
			2-Fluorobiphenyl	100	54.68	55		20	109
			2,4,6-Tribromophenol	150	68.08	45		10	116
			Terphenyl-d14	100	62.12	62		10	105
PB163486BS	PB163486BS	BF139457.D	2-Fluorophenol	150	127.58	85		18	112
			Phenol-d6	150	129.01	86		15	107
			Nitrobenzene-d5	100	86.11	86		18	107
			2-Fluorobiphenyl	100	87.87	88		20	109
			2,4,6-Tribromophenol	150	126.30	84		10	116
			Terphenyl-d14	100	101.49	101		10	105

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4030-02MS	WC-A-08-202409M	BF139473.D	2-Fluorophenol	150	113.63	76		10	139
			Phenol-d6	150	109.83	73		10	134
			Nitrobenzene-d5	100	86.08	86		49	133
			2-Fluorobiphenyl	100	92.53	93		52	132
			2,4,6-Tribromophenol	150	125.61	84		44	137
			Terphenyl-d14	100	98.90	99		48	125
P4030-02MSD	WC-A-08-202409M	BF139474.D	2-Fluorophenol	150	115.87	77		10	139
			Phenol-d6	150	111.63	74		10	134
			Nitrobenzene-d5	100	87.57	88		49	133
			2-Fluorobiphenyl	100	95.85	96		52	132
			2,4,6-Tribromophenol	150	128.06	85		44	137
			Terphenyl-d14	100	101.39	101		48	125
P4085-02	COMP-1	BF139476.D	2-Fluorophenol	150	134.58	90		10	139
			Phenol-d6	150	121.59	81		10	134
			Nitrobenzene-d5	100	101.42	101		49	133
			2-Fluorobiphenyl	100	102.52	103		52	132
			2,4,6-Tribromophenol	150	137.19	91		44	137
			Terphenyl-d14	100	111.63	112		48	125
P4087-02	NB-614-COMP-01	BF139477.D	2-Fluorophenol	150	110.68	74		10	139
			Phenol-d6	150	103.51	69		10	134
			Nitrobenzene-d5	100	81.90	82		49	133
			2-Fluorobiphenyl	100	84.42	84		52	132
			2,4,6-Tribromophenol	150	109.08	73		44	137
			Terphenyl-d14	100	89.32	89		48	125
P4087-08	NB-614-COMP-02	BF139478.D	2-Fluorophenol	150	130.78	87		10	139
			Phenol-d6	150	117.96	79		10	134
			Nitrobenzene-d5	100	96.17	96		49	133
			2-Fluorobiphenyl	100	94.68	95		52	132
			2,4,6-Tribromophenol	150	127.54	85		44	137
			Terphenyl-d14	100	105.95	106		48	125
P4087-14	NB-614-COMP-03	BF139479.D	2-Fluorophenol	150	138.60	92		10	139
			Phenol-d6	150	126.95	85		10	134
			Nitrobenzene-d5	100	101.39	101		49	133
			2-Fluorobiphenyl	100	105.47	105		52	132
			2,4,6-Tribromophenol	150	136.08	91		44	137
			Terphenyl-d14	100	103.32	103		48	125
P4087-20	NB-614-COMP-04	BF139480.D	2-Fluorophenol	150	149.22	99		10	139
			Phenol-d6	150	143.80	96		10	134
			Nitrobenzene-d5	100	101.77	102		49	133
			2-Fluorobiphenyl	100	101.43	101		52	132
			2,4,6-Tribromophenol	150	140.18	93		44	137
			Terphenyl-d14	100	110.91	111		48	125
P4087-26	NB-614-COMP-05	BF139481.D	2-Fluorophenol	150	114.19	76		10	139
			Phenol-d6	150	101.72	68		10	134
			Nitrobenzene-d5	100	88.47	88		49	133
			2-Fluorobiphenyl	100	86.18	86		52	132
			2,4,6-Tribromophenol	150	114.30	76		44	137
			Terphenyl-d14	100	93.66	94		48	125
P4087-32	NB-614-COMP-06	BF139482.D	2-Fluorophenol	150	154.70	103		10	139

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4087-32	NB-614-COMP-06	BF139482.D	Phenol-d6	150	146.82	98		10	134
			Nitrobenzene-d5	100	105.38	105		49	133
			2-Fluorobiphenyl	100	104.19	104		52	132
			2,4,6-Tribromophenol	150	141.55	94		44	137
			Terphenyl-d14	100	115.15	115		48	125
P4088-02	NB-614-COMP-07	BF139483.D	2-Fluorophenol	150	147.85	99		10	139
			Phenol-d6	150	141.51	94		10	134
			Nitrobenzene-d5	100	101.89	102		49	133
			2-Fluorobiphenyl	100	100.76	101		52	132
			2,4,6-Tribromophenol	150	134.07	89		44	137
P4088-08	NB-614-COMP-08	BF139484.D	Terphenyl-d14	100	105.78	106		48	125
			2-Fluorophenol	150	153.71	102		10	139
			Phenol-d6	150	146.50	98		10	134
			Nitrobenzene-d5	100	104.94	105		49	133
			2-Fluorobiphenyl	100	102.64	103		52	132
P4088-14	NB-614-COMP-09	BF139485.D	2,4,6-Tribromophenol	150	143.59	96		44	137
			Terphenyl-d14	100	118.63	119		48	125
			2-Fluorophenol	150	134.67	90		10	139
			Phenol-d6	150	80.02	53		10	134
			Nitrobenzene-d5	100	95.54	96		49	133
P4089-02	365-351-294	BF139486.D	2-Fluorobiphenyl	100	199.20	199	*	52	132
			2,4,6-Tribromophenol	150	270.75	181	*	44	137
			Terphenyl-d14	100	201.25	201	*	48	125
			2-Fluorophenol	150	138.11	92		10	139
			Phenol-d6	150	139.01	93		10	134
P4097-02	RT2299	BF139475.D	Nitrobenzene-d5	100	99.10	99		49	133
			2-Fluorobiphenyl	100	100.44	100		52	132
			2,4,6-Tribromophenol	150	131.69	88		44	137
			Terphenyl-d14	100	103.69	104		48	125
			2-Fluorophenol	150	127.52	85		10	139
PB163445TB	PB163445TB	BF139458.D	Phenol-d6	150	48.11	32		10	134
			Nitrobenzene-d5	100	101.12	101		49	133
			2-Fluorobiphenyl	100	349.90	350	*	52	132
			2,4,6-Tribromophenol	150	453.97	303	*	44	137
			Terphenyl-d14	100	496.45	496	*	48	125
PB163446TB	PB163446TB	BF139469.D	2-Fluorophenol	150	102.85	69		10	139
			Phenol-d6	150	104.01	69		10	134
			Nitrobenzene-d5	100	70.66	71		49	133
			2-Fluorobiphenyl	100	70.85	71		52	132
			2,4,6-Tribromophenol	150	95.90	64		44	137
PB163495BL	PB163495BL	BF139456.D	Terphenyl-d14	100	79.22	79		48	125
			2-Fluorophenol	150	139.24	93		10	139
			Phenol-d6	150	135.68	90		10	134
			Nitrobenzene-d5	100	96.32	96		49	133
			2-Fluorobiphenyl	100	94.93	95		52	132
PB163495BL	PB163495BL	BF139456.D	2,4,6-Tribromophenol	150	125.55	84		44	137
			Terphenyl-d14	100	90.61	91		48	125
			2-Fluorophenol	150	103.95	69		10	139
PB163495BL	PB163495BL	BF139456.D	Phenol-d6	150	102.80	69		10	134

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163495BL	PB163495BL	BF139456.D	Nitrobenzene-d5	100	70.83	71		49	133
			2-Fluorobiphenyl	100	70.11	70		52	132
			2,4,6-Tribromophenol	150	95.89	64		44	137
			Terphenyl-d14	100	80.04	80		48	125
PB163495BS	PB163495BS	BF139459.D	2-Fluorophenol	150	117.31	78		10	139
			Phenol-d6	150	117.33	78		10	134
			Nitrobenzene-d5	100	80.98	81		49	133
			2-Fluorobiphenyl	100	80.79	81		52	132
			2,4,6-Tribromophenol	150	117.32	78		44	137
			Terphenyl-d14	100	93.78	94		48	125

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4085-05	PURGE-WATER	BF139464.D	2-Fluorophenol	150	59.17	39		10	139
			Phenol-d6	150	35.63	24		10	134
			Nitrobenzene-d5	100	89.67	90		49	133
			2-Fluorobiphenyl	100	88.94	89		52	132
			2,4,6-Tribromophenol	150	125.07	83		44	137
			Terphenyl-d14	100	111.71	112		48	125
PB163516BL	PB163516BL	BF139460.D	2-Fluorophenol	150	104.95	70		10	139
			Phenol-d6	150	104.15	69		10	134
			Nitrobenzene-d5	100	70.53	71		49	133
			2-Fluorobiphenyl	100	70.36	70		52	132
			2,4,6-Tribromophenol	150	95.53	64		44	137
			Terphenyl-d14	100	80.80	81		48	125
PB163516BS	PB163516BS	BF139461.D	2-Fluorophenol	150	118.88	79		10	139
			Phenol-d6	150	119.08	79		10	134
			Nitrobenzene-d5	100	82.09	82		49	133
			2-Fluorobiphenyl	100	80.86	81		52	132
			2,4,6-Tribromophenol	150	115.60	77		44	137
			Terphenyl-d14	100	92.95	93		48	125
PB163516BSD	PB163516BSD	BF139462.D	2-Fluorophenol	150	120.26	80		10	139
			Phenol-d6	150	119.65	80		10	134
			Nitrobenzene-d5	100	81.82	82		49	133
			2-Fluorobiphenyl	100	81.20	81		52	132
			2,4,6-Tribromophenol	150	116.65	78		44	137
			Terphenyl-d14	100	91.75	92		48	125

Surrogate Summary

SW-846

SDG No.: **BF091924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4103-07	WC-14-5-7.5B	BF139491.D	2-Fluorophenol	150	88.42	59		18	112
			Phenol-d6	150	89.33	60		15	107
			Nitrobenzene-d5	100	63.51	64		18	107
			2-Fluorobiphenyl	100	64.44	64		20	109
			2,4,6-Tribromophenol	150	73.46	49		10	116
			Terphenyl-d14	100	51.63	52		10	105
P4103-10	WC-14-7.5-10A	BF139487.D	2-Fluorophenol	150	94.75	63		18	112
			Phenol-d6	150	94.05	63		15	107
			Nitrobenzene-d5	100	66.11	66		18	107
			2-Fluorobiphenyl	100	70.19	70		20	109
			2,4,6-Tribromophenol	150	81.64	54		10	116
			Terphenyl-d14	100	68.41	68		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091924

Lab Code: CHEM

SAS No.: BF091924

SDG NO.: BF091924

Lab File ID: BF139452.D

DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.4
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	49
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	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.2
443	15.0 - 24.0% of mass 442	18.2 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139453.D	09/19/2024	09:39
PB163454BL	PB163454BL	BF139454.D	09/19/2024	10:07
PB163454BS	PB163454BS	BF139455.D	09/19/2024	10:36
PB163495BL	PB163495BL	BF139456.D	09/19/2024	11:04
PB163486BS	PB163486BS	BF139457.D	09/19/2024	11:32
PB163445TB	PB163445TB	BF139458.D	09/19/2024	12:01
PB163495BS	PB163495BS	BF139459.D	09/19/2024	12:29
PB163516BL	PB163516BL	BF139460.D	09/19/2024	12:58
PB163516BS	PB163516BS	BF139461.D	09/19/2024	13:27
PB163516BSD	PB163516BSD	BF139462.D	09/19/2024	13:55
NB-614-COMP-04	P4087-19	BF139463.D	09/19/2024	14:37
PURGE-WATER	P4085-05	BF139464.D	09/19/2024	15:05
NB-614-COMP-02	P4087-07	BF139465.D	09/19/2024	15:34
NB-614-COMP-08	P4088-07	BF139466.D	09/19/2024	16:03

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091924

Lab Code: CHEM

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139467.D

DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 16:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.7
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	17.8 (19.2) 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	BF139468.D	09/19/2024	17:19
PB163446TB	PB163446TB	BF139469.D	09/19/2024	17:49
SW-1-TANK17	P4015-03	BF139470.D	09/19/2024	18:23
SW-1-TANK17MS	P4015-03MS	BF139471.D	09/19/2024	18:51
SW-1-TANK17MSD	P4015-03MSD	BF139472.D	09/19/2024	19:20
WC-A-08-202409MS	P4030-02MS	BF139473.D	09/19/2024	19:49
WC-A-08-202409MSD	P4030-02MSD	BF139474.D	09/19/2024	20:18
RT2299	P4097-02	BF139475.D	09/19/2024	20:47
COMP-1	P4085-02	BF139476.D	09/19/2024	21:16
NB-614-COMP-01	P4087-02	BF139477.D	09/19/2024	21:44
NB-614-COMP-02	P4087-08	BF139478.D	09/19/2024	22:13
NB-614-COMP-03	P4087-14	BF139479.D	09/19/2024	22:42
NB-614-COMP-04	P4087-20	BF139480.D	09/19/2024	23:10
NB-614-COMP-05	P4087-26	BF139481.D	09/19/2024	23:39
NB-614-COMP-06	P4087-32	BF139482.D	09/20/2024	00:07
NB-614-COMP-07	P4088-02	BF139483.D	09/20/2024	00:36
NB-614-COMP-08	P4088-08	BF139484.D	09/20/2024	01:05
NB-614-COMP-09	P4088-14	BF139485.D	09/20/2024	01:34

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091924

Lab Code: CHEM

SAS No.: BF091924 SDG NO.: BF091924

Lab File ID: BF139467.D

DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 16:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.7
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	17.8 (19.2) 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
365-351-294	P4089-02	BF139486.D	09/20/2024	02:02
WC-14-7.5-10A	P4103-10	BF139487.D	09/20/2024	02:31
DN-B-49	P4027-01	BF139488.D	09/20/2024	02:59
NB-614-COMP-03	P4087-13	BF139489.D	09/20/2024	03:28
WC-B-COMPD	P3984-04DL	BF139490.D	09/20/2024	03:57
WC-14-5-7.5B	P4103-07	BF139491.D	09/20/2024	04:25