

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG No.: BF092024

Instrument ID: BNA_F Calibration Date/Time: 9/20/2024 1:10:09

Lab File ID: BF139493.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	0.868		-7.66	
Pyridine	1.084	1.258		16.052	
2-Fluorophenol	1.226	1.222		-0.326	
Benzaldehyde	0.930	0.810		-12.903	
Aniline	1.214	1.237		1.895	
Phenol-d6	1.609	1.611		0.124	
Phenol	1.639	1.692		3.234	20.0
bis(2-Chloroethyl) ether	1.246	1.258		0.963	
2-Chlorophenol	1.262	1.281		1.506	
1,2-Dichlorobenzene	1.370	1.360		-0.73	
1,3-Dichlorobenzene	1.435	1.419		-1.115	
1,4-Dichlorobenzene	1.450	1.457		0.483	20.0
Benzyl Alcohol	1.284	1.241		-3.349	
2-Methylphenol	1.003	1.039		3.589	
2,2-oxybis(1-Chloropropane)	1.920	2.153		12.135	
Acetophenone	0.523	0.496		-5.163	
3+4-Methylphenols	1.368	1.355		-0.95	
n-Nitroso-di-n-propylamine	0.954	0.960	0.050	0.629	
Nitrobenzene-d5	0.425	0.412		-3.059	
Hexachloroethane	0.552	0.528		-4.348	
Nitrobenzene	0.438	0.427		-2.511	
Isophorone	0.673	0.674		0.149	
2-Nitrophenol	0.171	0.183		7.018	20.0
2,4-Dimethylphenol	0.225	0.230		2.222	
bis(2-Chloroethoxy) methane	0.383	0.392		2.35	
2,4-Dichlorophenol	0.286	0.287		0.35	20.0
1,2,4-Trichlorobenzene	0.333	0.321		-3.604	
Benzoic acid	0.211	0.216		2.37	
Naphthalene	1.044	1.034		-0.958	
4-Chloroaniline	0.319	0.326		2.194	
Hexachlorobutadiene	0.226	0.206		-8.85	20.0
Caprolactam	0.088	0.094		6.818	
4-Chloro-3-methylphenol	0.327	0.324		-0.917	20.0
2-Methylnaphthalene	0.663	0.648		-2.262	
Hexachlorocyclopentadiene	0.207	0.186	0.050	-10.145	
2,4,6-Trichlorophenol	0.386	0.380		-1.554	20.0
2-Fluorobiphenyl	1.426	1.336		-6.311	
2,4,5-Trichlorophenol	0.407	0.415		1.966	
1,1-Biphenyl	1.539	1.504		-2.274	

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Lab File ID: BF139493.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.150	1.150		0.0	
2-Nitroaniline	0.428	0.434		1.402	
Dimethylphthalate	1.313	1.264		-3.732	
Acenaphthylene	1.732	1.741		0.52	
2,6-Dinitrotoluene	0.291	0.301		3.436	
3-Nitroaniline	0.291	0.307		5.498	
Acenaphthene	1.209	1.198		-0.91	20.0
2,4-Dinitrophenol	0.162	0.161	0.050	-0.617	
4-Nitrophenol	0.240	0.235	0.050	-2.083	
Dibenzofuran	1.685	1.666		-1.128	
2,4-Dinitrotoluene	0.393	0.400		1.781	
Diethylphthalate	1.355	1.267		-6.494	
4-Chlorophenyl-phenylether	0.668	0.624		-6.587	
Fluorene	1.375	1.313		-4.509	
4-Nitroaniline	0.317	0.302		-4.732	
4,6-Dinitro-2-methylphenol	0.106	0.116		9.434	
n-Nitrosodiphenylamine	0.585	0.583		-0.342	20.0
Azobenzene	1.332	1.307		-1.877	
2,4,6-Tribromophenol	0.213	0.192		-9.859	
4-Bromophenyl-phenylether	0.198	0.194		-2.02	
Hexachlorobenzene	0.233	0.223		-4.292	
Atrazine	0.139	0.123		-11.511	
Pentachlorophenol	0.140	0.135		-3.571	20.0
Phenanthrene	0.965	0.958		-0.725	
Anthracene	0.943	0.947		0.424	
Carbazole	0.903	0.920		1.883	
Di-n-butylphthalate	1.006	0.975		-3.082	
Fluoranthene	1.030	1.036		0.583	20.0
Benzidine	0.287	0.249		-13.24	
Pyrene	1.717	2.023		17.822	
Terphenyl-d14	1.218	1.315		7.964	
Butylbenzylphthalate	0.585	0.614		4.957	
3,3-Dichlorobenzidine	0.388	0.355		-8.505	
Benzo(a)anthracene	1.325	1.307		-1.358	
Chrysene	1.219	1.222		0.246	
Bis(2-ethylhexyl)phthalate	0.744	0.717		-3.629	
Di-n-octyl phthalate	1.095	0.971		-11.324	20.0
Benzo(b)fluoranthene	1.233	1.206		-2.19	
Benzo(k)fluoranthene	1.137	1.048		-7.828	

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Instrument ID: BNA_F Calibration Date/Time: 9/20/2024 1:10:09

Lab File ID: BF139493.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	1.027		0.391	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.283		7.906	
Dibenzo(a,h)anthracene	0.983	1.049		6.714	
Benzo(g,h,i)perylene	0.973	1.111		14.183	
1,2,4,5-Tetrachlorobenzene	0.593	0.577		-2.698	
1,4-Dioxane	0.492	0.530		7.724	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.326		-2.976	
1-Methylnaphthalene	0.651	0.640		-1.69	

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.:	BF092024
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
BF139494.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	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.:	BF092024
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
BF139494.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	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.:	BF092024
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
BF139494.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	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	131.423		18-112		88	SPK: -150
13127-88-3	Phenol-d6	130.765		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	86.487		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.609		20-109		87	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.:	BF092024
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
BF139494.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	121.873		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	87.425		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78344	6.875				
1146-65-2	Naphthalene-d8	298318	8.157				
15067-26-2	Acenaphthene-d10	160737	9.91				
1517-22-2	Phenanthrene-d10	308614	11.392				
1719-03-5	Chrysene-d12	202209	14.027				
1520-96-3	Perylene-d12	161841	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			5.116	

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:	RT2299RE	SDG No.:	BF092024
Lab Sample ID:	P4097-02RE	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
BF139495.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:	RT2299RE	SDG No.:	BF092024
Lab Sample ID:	P4097-02RE	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
BF139495.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:	RT2299RE	SDG No.:	BF092024
Lab Sample ID:	P4097-02RE	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
BF139495.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	130.744		10-139		87	SPK: -150
13127-88-3	Phenol-d6	49.898		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	100.689		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	317.656	*	52-132		318	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:	RT2299RE	SDG No.:	BF092024
Lab Sample ID:	P4097-02RE	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
BF139495.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	471.928	*	44-137		315	SPK: -150
1718-51-0	Terphenyl-d14	471.398	*	48-125		471	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73301	6.875				
1146-65-2	Naphthalene-d8	256815	8.157				
15067-26-2	Acenaphthene-d10	43060	9.91				
1517-22-2	Phenanthrene-d10	129039	11.398				
1719-03-5	Chrysene-d12	13234	14.033				
1520-96-3	Perylene-d12	0	0				

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-09RE	SDG No.:	BF092024
Lab Sample ID:	P4088-14RE	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
BF139496.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-09RE	SDG No.:	BF092024
Lab Sample ID:	P4088-14RE	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
BF139496.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-09RE	SDG No.:	BF092024
Lab Sample ID:	P4088-14RE	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
BF139496.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	136.615		10-139		91	SPK: -150
13127-88-3	Phenol-d6	83.442		10-134		56	SPK: -150
4165-60-0	Nitrobenzene-d5	96.96		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	182.848	*	52-132		183	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-09RE	SDG No.:	BF092024
Lab Sample ID:	P4088-14RE	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
BF139496.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	279.797	*	44-137		187	SPK: -150
1718-51-0	Terphenyl-d14	256.081	*	48-125		256	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70442	6.881				
1146-65-2	Naphthalene-d8	254236	8.157				
15067-26-2	Acenaphthene-d10	70976	9.91				
1517-22-2	Phenanthrene-d10	200805	11.398				
1719-03-5	Chrysene-d12	39062	14.033				
1520-96-3	Perylene-d12	973	15.51				

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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139497.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	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	43.3	U	43.3	86	86	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	91.8	U	91.8	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.8	U	88.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.8	U	88.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.6	U	89.6	140	180	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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139497.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	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	95.9	U	95.9	140	180	ug/Kg
83-32-9	Acenaphthene	87.2	U	87.2	140	180	ug/Kg
Total PAH	Total PAH	1425	U	1425	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	86.1	U	86.1	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:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	WC-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139497.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	83.1	U	83.1	290	350	ug/Kg
85-01-8	Phenanthrene	90.3	U	90.3	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	92.2	J	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	88.8	U	88.8	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	86.1	U	86.1	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	80.3	U	80.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.5	U	89.5	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.315		18-112		56	SPK: -150
13127-88-3	Phenol-d6	83.963		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	65.123		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	56.357		20-109		56	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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139497.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	71.024		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	49.986		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75553	6.875				
1146-65-2	Naphthalene-d8	249625	8.163				
15067-26-2	Acenaphthene-d10	120674	9.922				
1517-22-2	Phenanthrene-d10	199719	11.404				
1719-03-5	Chrysene-d12	140700	14.039				
1520-96-3	Perylene-d12	103274	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.146	
000629-50-5	Tridecane	450	J			6.992	
071186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	610	J			7.145	
000091-17-8	Naphthalene, decahydro-	680	J			7.275	
	unknown7.522	440	J			7.522	
002958-76-1	Naphthalene, decahydro-2-methyl-	630	J			7.686	
	unknown7.763	460	J			7.763	
002958-75-0	1-Methyldecahydronaphthalene	690	J			7.804	
	unknown8.039	430	J			8.039	
	unknown8.457	1200	J			8.457	
053366-38-4	Cyclopentane, (2-methylbutyl)-	570	J			8.71	
	unknown8.951	430	J			8.951	
005617-41-4	Heptylcyclohexane	730	J			9.08	
003891-98-3	Dodecane, 2,6,10-trimethyl-	2400	J			9.192	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	960	J			9.328	
162239-52-3	7-Oxabicyclo[4.1.0]heptane, 1,5-di	2000	J			9.639	
1010245-50-0	2-Heptafluorobutyroxypentadecane	470	J			9.792	
	unknown9.833	720	J			9.833	
054105-67-8	Heptadecane, 2,6-dimethyl-	1600	J			10.827	

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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139497.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
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	650	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF139498.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	96.6	U	96.6	300	370	ug/Kg
110-86-1	Pyridine	88.9	U	88.9	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.2	U	92.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.1	U	93.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.9	U	92.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.1	U	94.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.2	U	96.2	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.3	U	92.3	300	370	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.8	U	88.8	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.8	U	44.8	89	89	ug/Kg
67-72-1	Hexachloroethane	92.3	U	92.3	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.1	U	94.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95	U	95	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.9	U	91.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.9	U	91.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.7	U	92.7	140	190	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF139498.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	96.6	U	96.6	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.2	U	86.2	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	810		91.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.4	U	79.4	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.3	U	82.3	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.2	U	97.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.9	U	90.9	140	190	ug/Kg
208-96-8	Acenaphthylene	96.2	U	96.2	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.6	U	92.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.2	U	99.2	140	190	ug/Kg
83-32-9	Acenaphthene	120	J	90.2	140	190	ug/Kg
Total PAH	Total PAH	3297.6		1470.5	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	100	J	93.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.5	U	188.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.9	U	95.9	140	190	ug/Kg
84-66-2	Diethylphthalate	89.1	U	89.1	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.2	U	95.2	140	190	ug/Kg
86-73-7	Fluorene	210		95.1	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.8	U	90.8	140	190	ug/Kg
103-33-3	Azobenzene	88.6	U	88.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.8	U	87.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.6	U	94.6	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF139498.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	86	U	86	300	370	ug/Kg
85-01-8	Phenanthrene	760		93.4	140	190	ug/Kg
120-12-7	Anthracene	120	J	93.9	140	190	ug/Kg
86-74-8	Carbazole	89.3	U	89.3	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.8	U	93.8	140	190	ug/Kg
206-44-0	Fluoranthene	580		90.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	510		92.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	220		89.8	140	190	ug/Kg
218-01-9	Chrysene	180	J	88.4	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	210		90.2	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.6	J	91.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.9	U	86.9	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.3	U	90.3	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	89.1	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.6	U	96.6	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.1	U	83.1	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	730		92.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.428		18-112		48	SPK: -150
13127-88-3	Phenol-d6	73.935		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	52.746		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	54.78		20-109		55	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF139498.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	52.536		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	50.552		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77808	6.875				
1146-65-2	Naphthalene-d8	274750	8.157				
15067-26-2	Acenaphthene-d10	127776	9.916				
1517-22-2	Phenanthrene-d10	192815	11.404				
1719-03-5	Chrysene-d12	138154	14.033				
1520-96-3	Perylene-d12	99507	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	870	J			2.152	
004292-92-6	Cyclohexane, pentyl-	390	J			9.063	
017302-32-8	Nonane, 3,7-dimethyl-	1500	J			9.181	
002425-77-6	1-Decanol, 2-hexyl-	930	J			9.316	
006682-06-0	1H-Indene, 2,3-dihydro-4,5,7-trime	420	J			9.381	
000939-27-5	Naphthalene, 2-ethyl-	700	J			9.433	
000581-40-8	Naphthalene, 2,3-dimethyl-	1800	J			9.498	
000573-98-8	Naphthalene, 1,2-dimethyl-	2200	J			9.575	
003891-99-4	2,6,10-Trimethyltridecane	2200	J			9.633	
000575-41-7	Naphthalene, 1,3-dimethyl-	760	J			9.692	
001127-76-0	Naphthalene, 1-ethyl-	610	J			9.775	
	unknown9.822	390	J			9.822	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	900	J			10.233	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	530	J			10.257	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	980	J			10.322	
000629-50-5	Tridecane	1900	J			10.563	
055045-07-3	Dodecane, 2-methyl-8-propyl-	2400	J			10.828	
002523-37-7	9H-Fluorene, 9-methyl-	450	J			11.039	
055045-11-9	Tridecane, 5-propyl-	1300	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF139498.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
055045-10-8	Tridecane, 6-propyl-	550	J			11.639	

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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF139499.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	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.7	U	92.7	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.2	U	96.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.1	U	97.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.9	U	96.9	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.2	U	98.2	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.8	U	99.8	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.3	U	96.3	310	380	ug/Kg
95-48-7	2-Methylphenol	93.5	U	93.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.6	U	92.6	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.8	U	46.8	92.8	92.8	ug/Kg
67-72-1	Hexachloroethane	96.3	U	96.3	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.2	U	98.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.6	U	99.6	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.6	U	87.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.1	U	99.1	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	390		95.9	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.9	U	95.9	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.7	U	96.7	150	200	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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF139499.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	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.9	U	89.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	610		95.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.9	U	82.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.9	U	85.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.7	U	96.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.8	U	94.8	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.6	U	96.6	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.1	U	94.1	150	200	ug/Kg
Total PAH	Total PAH	1539.4	U	1539.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97.9	U	97.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.6	U	196.6	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93	U	93	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.3	U	99.3	150	200	ug/Kg
86-73-7	Fluorene	99.2	U	99.2	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.7	U	94.7	150	200	ug/Kg
103-33-3	Azobenzene	92.4	U	92.4	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.6	U	91.6	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.6	U	98.6	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF139499.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	89.7	U	89.7	310	380	ug/Kg
85-01-8	Phenanthrene	130	J	97.5	150	200	ug/Kg
120-12-7	Anthracene	97.9	U	97.9	150	200	ug/Kg
86-74-8	Carbazole	93.2	U	93.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.8	U	97.8	150	200	ug/Kg
206-44-0	Fluoranthene	94.8	U	94.8	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	140	J	96.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.6	U	93.6	150	200	ug/Kg
218-01-9	Chrysene	92.3	U	92.3	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.1	U	94.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.9	U	95.9	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.6	U	90.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.2	U	94.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93	U	93	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.7	U	86.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	930		96.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.421		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.945		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.059		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	61.921		20-109		62	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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF139499.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	69.731		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	54.271		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77879	6.881				
1146-65-2	Naphthalene-d8	273264	8.163				
15067-26-2	Acenaphthene-d10	130057	9.916				
1517-22-2	Phenanthrene-d10	197920	11.398				
1719-03-5	Chrysene-d12	140501	14.033				
1520-96-3	Perylene-d12	99170	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	870	J			2.163	
000108-67-8	Mesitylene	1100	J			6.704	
013151-35-4	Decane, 5-methyl-	420	J			7.151	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	1100	J			7.198	
	unknown7.269	550	J			7.269	
	unknown7.522	500	J			7.522	
	unknown8.451	410	J			8.451	
003891-98-3	Dodecane, 2,6,10-trimethyl-	1600	J			9.181	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	1300	J			9.316	
000582-16-1	Naphthalene, 2,7-dimethyl-	830	J			9.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	1200	J			9.575	
019218-94-1	Tetradecane, 1-iodo-	2400	J			9.633	
019780-11-1	2-Dodecen-1-yl(-)succinic anhydrid	490	J			9.78	
	unknown9.828	760	J			9.828	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	860	J			10.163	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	510	J			10.322	
000593-49-7	Heptacosane	770	J			10.563	
013187-99-0	2-Bromo dodecane	1200	J			10.828	
321732-25-6	Dehydrochamazulene	450	J			11.039	

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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF139499.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
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	620	J			11.292	

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	64.9
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
BF139500.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	U	150	460	560	ug/Kg
110-86-1	Pyridine	140	U	140	220	290	ug/Kg
100-52-7	Benzaldehyde	310	U	310	460	560	ug/Kg
62-53-3	Aniline	170	U	170	220	290	ug/Kg
108-95-2	Phenol	140	U	140	220	290	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	290	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	220	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	U	150	220	290	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	460	560	ug/Kg
95-48-7	2-Methylphenol	140	U	140	220	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	290	ug/Kg
98-86-2	Acetophenone	150	U	150	220	290	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	460	560	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.8	U	68.8	140	140	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	290	ug/Kg
98-95-3	Nitrobenzene	160	U	160	220	290	ug/Kg
78-59-1	Isophorone	140	U	140	220	290	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	290	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	220	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	220	290	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	U	150	220	290	ug/Kg
65-85-0	Benzoic acid	400	U	400	460	560	ug/Kg
91-20-3	Naphthalene	140	U	140	220	290	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	290	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	64.9
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
BF139500.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	U	150	460	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	290	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	460	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	220	290	ug/Kg
92-52-4	1,1-Biphenyl	150	U	150	220	290	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	290	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	290	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	290	ug/Kg
208-96-8	Acenaphthylene	150	U	150	220	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	290	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	290	ug/Kg
83-32-9	Acenaphthene	140	U	140	220	290	ug/Kg
Total PAH	Total PAH	2270	U	2270	220	4640	ug/Kg
51-28-5	2,4-Dinitrophenol	420	U	420	460	560	ug/Kg
100-02-7	4-Nitrophenol	200	U	200	460	560	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	220	290	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	290	U	290	220	580	ug/Kg
84-66-2	Diethylphthalate	140	U	140	220	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	220	290	ug/Kg
86-73-7	Fluorene	150	U	150	220	290	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	290	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	460	560	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	290	ug/Kg
103-33-3	Azobenzene	140	U	140	220	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	290	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	220	290	ug/Kg
1912-24-9	Atrazine	160	U	160	220	290	ug/Kg

Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM		
Project:				Date Received:	9/19/2024 12:00:00 AM		
Client Sample ID:	RB24085			SDG No.:	BF092024		
Lab Sample ID:	P4120-13			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	64.9		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139500.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	460	560	ug/Kg
85-01-8	Phenanthrene	140	U	140	220	290	ug/Kg
120-12-7	Anthracene	140	U	140	220	290	ug/Kg
86-74-8	Carbazole	140	U	140	220	290	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	290	ug/Kg
206-44-0	Fluoranthene	140	U	140	220	290	ug/Kg
92-87-5	Benzidine	280	U	280	460	560	ug/Kg
129-00-0	Pyrene	140	U	140	220	290	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	220	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	460	560	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	140	220	290	ug/Kg
218-01-9	Chrysene	140	U	140	220	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	220	290	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	460	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	220	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	220	290	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	220	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	220	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	220	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	220	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	220	290	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	220	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	220	290	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	290	290	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.09		18-112		38	SPK: -150
13127-88-3	Phenol-d6	57.696		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	38.941		18-107		39	SPK: -100
321-60-8	2-Fluorobiphenyl	24.877		20-109		25	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	64.9
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
BF139500.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	42.611		10-116		28	SPK: -150
1718-51-0	Terphenyl-d14	16.711		10-105		17	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75619	6.875				
1146-65-2	Naphthalene-d8	280924	8.157				
15067-26-2	Acenaphthene-d10	141392	9.91				
1517-22-2	Phenanthrene-d10	207833	11.398				
1719-03-5	Chrysene-d12	148505	14.033				
1520-96-3	Perylene-d12	101861	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.151	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.087	
000119-61-9	Benzophenone	450	J			10.621	
	unknown11.951	140	J			11.951	

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024	SDG No.:	BF092024
Lab Sample ID:	P4126-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139501.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.6	U	99.6	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.5	U	99.5	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.3	U	50.3	99.8	99.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.1	U	94.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024	SDG No.:	BF092024
Lab Sample ID:	P4126-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139501.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.6	U	96.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89	U	89	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.3	U	92.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	3780	U	1646.4	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.9	U	99.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.3	U	99.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.4	U	98.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024	SDG No.:	BF092024
Lab Sample ID:	P4126-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139501.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.4	U	96.4	340	410	ug/Kg
85-01-8	Phenanthrene	580		100	160	210	ug/Kg
120-12-7	Anthracene	150	J	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	670		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	680		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	330		100	160	210	ug/Kg
218-01-9	Chrysene	280		99.1	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	97.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	99.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.1	U	93.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.762		18-112		73	SPK: -150
13127-88-3	Phenol-d6	111.744		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	76.97		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	86.41		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024	SDG No.:	BF092024
Lab Sample ID:	P4126-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139501.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.494		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	87.776		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83075	6.875				
1146-65-2	Naphthalene-d8	300614	8.157				
15067-26-2	Acenaphthene-d10	135928	9.91				
1517-22-2	Phenanthrene-d10	214390	11.398				
1719-03-5	Chrysene-d12	130672	14.039				
1520-96-3	Perylene-d12	97548	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.087	
013151-34-3	Decane, 3-methyl-	180	J			10.339	
000646-31-1	Tetracosane	110	J			10.557	
000119-61-9	Benzophenone	200	J			10.622	
000629-50-5	Tridecane	380	J			10.816	
000544-76-3	Hexadecane	250	J			11.257	
000248-13-5	Azuleno(2,1-b)thiophene	210	J			11.292	
000593-49-7	Heptacosane	220	J			11.686	
000832-69-9	Phenanthrene, 1-methyl-	110	J			11.927	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			12.01	
000629-62-9	Pentadecane	200	J			12.092	
055045-09-5	Tridecane, 7-propyl-	250	J			12.48	
000238-84-6	11H-Benzo[a]fluorene	110	J			13.163	
000607-50-1	Naphthalene, 1,1-methylenebis-	110	J			14.421	
000192-97-2	Benzo[e]pyrene	170	J			15.38	

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MS	SDG No.:	BF092024
Lab Sample ID:	P4126-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139502.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	730		110	340	410	ug/Kg
110-86-1	Pyridine	680		99.7	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	180	J	120	160	210	ug/Kg
108-95-2	Phenol	820		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	880		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	850		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	800		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	800		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	790		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	590		100	340	410	ug/Kg
95-48-7	2-Methylphenol	850		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		110	160	210	ug/Kg
98-86-2	Acetophenone	820		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	790		99.6	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	840		50.3	99.9	99.9	ug/Kg
67-72-1	Hexachloroethane	730		100	160	210	ug/Kg
98-95-3	Nitrobenzene	810		110	160	210	ug/Kg
78-59-1	Isophorone	890		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	900		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	910		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	840		94.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	790		110	160	210	ug/Kg
65-85-0	Benzoic acid	490		300	340	410	ug/Kg
91-20-3	Naphthalene	840		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	520		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	770		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MS	SDG No.:	BF092024
Lab Sample ID:	P4126-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139502.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	810		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	720		96.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	820		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	900		89.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830		92.4	160	210	ug/Kg
92-52-4	1,1-Biphenyl	910		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	870		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	870		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	910		100	160	210	ug/Kg
208-96-8	Acenaphthylene	930		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	820		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	740		110	160	210	ug/Kg
83-32-9	Acenaphthene	880		100	160	210	ug/Kg
Total PAH	Total PAH	17510		1646.7	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	760		300	340	410	ug/Kg
100-02-7	4-Nitrophenol	1400		140	340	410	ug/Kg
132-64-9	Dibenzofuran	860		110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	770		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590		210	160	420	ug/Kg
84-66-2	Diethylphthalate	820		100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	790		110	160	210	ug/Kg
86-73-7	Fluorene	860		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	680		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	960		100	160	210	ug/Kg
103-33-3	Azobenzene	900		99.4	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	920		98.5	160	210	ug/Kg
118-74-1	Hexachlorobenzene	840		110	160	210	ug/Kg
1912-24-9	Atrazine	1200		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MS	SDG No.:	BF092024
Lab Sample ID:	P4126-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139502.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1500		96.5	340	410	ug/Kg
85-01-8	Phenanthrene	1400		100	160	210	ug/Kg
120-12-7	Anthracene	1100		110	160	210	ug/Kg
86-74-8	Carbazole	960		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	930		110	160	210	ug/Kg
206-44-0	Fluoranthene	1500		100	160	210	ug/Kg
92-87-5	Benzidine	390	J	200	340	410	ug/Kg
129-00-0	Pyrene	1600		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	820		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		100	160	210	ug/Kg
218-01-9	Chrysene	1200		99.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	960		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		97.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	840		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	670		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	770		93.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	780		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.17		18-112		67	SPK: -150
13127-88-3	Phenol-d6	102.362		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	71.38		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	79.628		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MS	SDG No.:	BF092024
Lab Sample ID:	P4126-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139502.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.404		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	86.43		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84914	6.875				
1146-65-2	Naphthalene-d8	297564	8.157				
15067-26-2	Acenaphthene-d10	134257	9.916				
1517-22-2	Phenanthrene-d10	214374	11.398				
1719-03-5	Chrysene-d12	122209	14.039				
1520-96-3	Perylene-d12	98834	15.51				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MSD	SDG No.:	BF092024
Lab Sample ID:	P4126-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139503.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	770		110	340	410	ug/Kg
110-86-1	Pyridine	820		99.7	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	330		120	160	210	ug/Kg
108-95-2	Phenol	880		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	970		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	890		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	830		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	820		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	830		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	630		100	340	410	ug/Kg
95-48-7	2-Methylphenol	880		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		110	160	210	ug/Kg
98-86-2	Acetophenone	860		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	830		99.5	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		50.3	99.8	99.8	ug/Kg
67-72-1	Hexachloroethane	760		100	160	210	ug/Kg
98-95-3	Nitrobenzene	840		110	160	210	ug/Kg
78-59-1	Isophorone	930		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	920		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	960		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	860		94.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	820		110	160	210	ug/Kg
65-85-0	Benzoic acid	490		300	340	410	ug/Kg
91-20-3	Naphthalene	880		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	590		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	800		100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MSD	SDG No.:	BF092024
Lab Sample ID:	P4126-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139503.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	820		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	760		96.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	850		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	920		89.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	890		92.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	950		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	920		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	930		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	960		100	160	210	ug/Kg
208-96-8	Acenaphthylene	960		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	820		110	160	210	ug/Kg
83-32-9	Acenaphthene	920		100	160	210	ug/Kg
Total PAH	Total PAH	18050		1646.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	690		300	340	410	ug/Kg
100-02-7	4-Nitrophenol	1500		140	340	410	ug/Kg
132-64-9	Dibenzofuran	900		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	730		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		110	160	210	ug/Kg
84-66-2	Diethylphthalate	870		99.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		110	160	210	ug/Kg
86-73-7	Fluorene	890		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	770		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		100	160	210	ug/Kg
103-33-3	Azobenzene	940		99.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930		98.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	890		110	160	210	ug/Kg
1912-24-9	Atrazine	1200		110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MSD	SDG No.:	BF092024
Lab Sample ID:	P4126-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139503.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1700		96.4	340	410	ug/Kg
85-01-8	Phenanthrene	1400		100	160	210	ug/Kg
120-12-7	Anthracene	1100		110	160	210	ug/Kg
86-74-8	Carbazole	1000		100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	990		110	160	210	ug/Kg
206-44-0	Fluoranthene	1500		100	160	210	ug/Kg
92-87-5	Benzidine	780		200	340	410	ug/Kg
129-00-0	Pyrene	1600		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		100	160	210	ug/Kg
218-01-9	Chrysene	1200		99.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		97.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920		99.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	690		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	830		93.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	790		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.868		18-112		65	SPK: -150
13127-88-3	Phenol-d6	98.592		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	69.832		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	76.972		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	NB-08-09192024MSD	SDG No.:	BF092024
Lab Sample ID:	P4126-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139503.D	2	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.298		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	81.984		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84652	6.875				
1146-65-2	Naphthalene-d8	293536	8.157				
15067-26-2	Acenaphthene-d10	130592	9.916				
1517-22-2	Phenanthrene-d10	214580	11.398				
1719-03-5	Chrysene-d12	124140	14.039				
1520-96-3	Perylene-d12	97561	15.509				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PL-01-09192024	SDG No.:	BF092024
Lab Sample ID:	P4125-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139504.D	10	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540	U	540	1700	2100	ug/Kg
110-86-1	Pyridine	500	U	500	810	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	600	U	600	810	1100	ug/Kg
108-95-2	Phenol	520	U	520	810	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	520	U	520	810	1100	ug/Kg
95-57-8	2-Chlorophenol	520	U	520	810	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	810	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	530	U	530	810	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	540	U	540	810	1100	ug/Kg
100-51-6	Benzyl Alcohol	520	U	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	500	U	500	810	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	560	U	560	810	1100	ug/Kg
98-86-2	Acetophenone	540	U	540	810	1100	ug/Kg
65794-96-9	3+4-Methylphenols	500	U	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	500	500	ug/Kg
67-72-1	Hexachloroethane	520	U	520	810	1100	ug/Kg
98-95-3	Nitrobenzene	560	U	560	810	1100	ug/Kg
78-59-1	Isophorone	530	U	530	810	1100	ug/Kg
88-75-5	2-Nitrophenol	590	U	590	810	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	810	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	530	U	530	810	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	810	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	530	U	530	810	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	510	U	510	810	1100	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	810	1100	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	810	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PL-01-09192024	SDG No.:	BF092024
Lab Sample ID:	P4125-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139504.D	10	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	540	U	540	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	810	1100	ug/Kg
91-57-6	2-Methylnaphthalene	510	U	510	810	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	970	U	970	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	810	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	810	1100	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	810	1100	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	810	1100	ug/Kg
88-74-4	2-Nitroaniline	590	U	590	810	1100	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	810	1100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	810	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	810	1100	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	810	1100	ug/Kg
83-32-9	Acenaphthene	500	U	500	810	1100	ug/Kg
Total PAH	Total PAH	27930	U	8220	810	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	720	U	720	1700	2100	ug/Kg
132-64-9	Dibenzofuran	520	U	520	810	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	810	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060	U	1060	810	2200	ug/Kg
84-66-2	Diethylphthalate	500	U	500	810	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	810	1100	ug/Kg
86-73-7	Fluorene	530	U	530	810	1100	ug/Kg
100-01-6	4-Nitroaniline	660	U	660	810	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	730	U	730	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	810	1100	ug/Kg
103-33-3	Azobenzene	490	U	490	810	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	490	U	490	810	1100	ug/Kg
118-74-1	Hexachlorobenzene	530	U	530	810	1100	ug/Kg
1912-24-9	Atrazine	570	U	570	810	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PL-01-09192024	SDG No.:	BF092024
Lab Sample ID:	P4125-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139504.D	10	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	480	U	480	1700	2100	ug/Kg
85-01-8	Phenanthrene	3400		520	810	1100	ug/Kg
120-12-7	Anthracene	930	J	520	810	1100	ug/Kg
86-74-8	Carbazole	500	U	500	810	1100	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	810	1100	ug/Kg
206-44-0	Fluoranthene	5500		510	810	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	5000		520	810	1100	ug/Kg
85-68-7	Butylbenzylphthalate	600	U	600	810	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	2700		500	810	1100	ug/Kg
218-01-9	Chrysene	2200		490	810	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	810	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	680	U	680	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		500	810	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		510	810	1100	ug/Kg
50-32-8	Benzo(a)pyrene	2400		580	810	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	J	490	810	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	U	500	810	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	J	500	810	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540	U	540	810	1100	ug/Kg
123-91-1	1,4-Dioxane	680	U	680	810	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	810	1100	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.91		18-112		47	SPK: -150
13127-88-3	Phenol-d6	68.18		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	50.55		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	57.88		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PL-01-09192024	SDG No.:	BF092024
Lab Sample ID:	P4125-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139504.D	10	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.18		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	66.34		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69085	6.875				
1146-65-2	Naphthalene-d8	227798	8.157				
15067-26-2	Acenaphthene-d10	100633	9.91				
1517-22-2	Phenanthrene-d10	179805	11.398				
1719-03-5	Chrysene-d12	97718	14.039				
1520-96-3	Perylene-d12	79171	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.122	
000629-50-5	Tridecane	960	J			8.745	
1000309-72-8	Oxalic acid, butyl neopentyl ester	620	J			9.175	
013287-21-3	Tridecane, 6-methyl-	2300	J			9.31	
000575-37-1	Naphthalene, 1,7-dimethyl-	860	J			9.569	
003891-98-3	Dodecane, 2,6,10-trimethyl-	1200	J			9.627	
000629-62-9	Pentadecane	2200	J			9.839	
1000309-12-6	Sulfurous acid, pentadecyl 2-propyl	590	J			10.163	
000544-76-3	Hexadecane	2500	J			10.339	
017301-22-3	Undecane, 2,5-dimethyl-	1300	J			10.557	
000629-92-5	Nonadecane	3400	J			10.816	
000629-94-7	Heneicosane	2000	J			11.257	
000132-65-0	Dibenzothiophene	1200	J			11.292	
000593-49-7	Heptacosane	1700	J			11.686	
000112-39-0	Hexadecanoic acid, methyl ester	960	J			11.786	
000610-48-0	Anthracene, 1-methyl-	620	J			11.927	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	J			12.01	
000646-31-1	Tetracosane	1400	J			12.092	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	5500	J			12.492	

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	PL-01-09192024	SDG No.:	BF092024
Lab Sample ID:	P4125-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139504.D	10	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163555

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-02	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
BF139505.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-02	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
BF139505.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-02	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
BF139505.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.6	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	115.095		10-139		77	SPK: -150
13127-88-3	Phenol-d6	106.706		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	84.439		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	87.754		52-132		88	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-22A	SDG No.:	BF092024
Lab Sample ID:	P4103-02	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
BF139505.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.684		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	102.747		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69979	6.881				
1146-65-2	Naphthalene-d8	241063	8.157				
15067-26-2	Acenaphthene-d10	108708	9.91				
1517-22-2	Phenanthrene-d10	194594	11.398				
1719-03-5	Chrysene-d12	109467	14.033				
1520-96-3	Perylene-d12	83692	15.509				

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-22AMS	SDG No.:	BF092024
Lab Sample ID:	P4103-02MS	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
BF139506.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		10.3	80	100	ug/L
110-86-1	Pyridine	350		15.5	40	50	ug/L
100-52-7	Benzaldehyde	73.5	J	40	80	100	ug/L
62-53-3	Aniline	72.6		16	40	50	ug/L
108-95-2	Phenol	370		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	400		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	400		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	320		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	300		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	310		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	360		16	80	100	ug/L
95-48-7	2-Methylphenol	420		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		13.5	40	50	ug/L
98-86-2	Acetophenone	390		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	410		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	280		10.1	40	50	ug/L
98-95-3	Nitrobenzene	370		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	410		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	530		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	450		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	420		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	340		11	40	50	ug/L
65-85-0	Benzoic acid	380		54.7	80	100	ug/L
91-20-3	Naphthalene	380		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	59.7		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	330		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:	WC-22AMS	SDG No.:	BF092024
Lab Sample ID:	P4103-02MS	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
BF139506.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	380		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	380		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	380		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	800		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	470		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	460		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	470		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	220		13.7	40	50	ug/L
83-32-9	Acenaphthene	460		8.1	40	50	ug/L
Total PAH	Total PAH	7640		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	590		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	780		20	80	100	ug/L
132-64-9	Dibenzofuran	440		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	910		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	450		15.2	40	50	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	420		9.8	40	50	ug/L
86-73-7	Fluorene	420		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	350		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	340		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		8.9	40	50	ug/L
103-33-3	Azobenzene	430		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	450		11.4	40	50	ug/L
1912-24-9	Atrazine	460		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:	WC-22AMS	SDG No.:	BF092024
Lab Sample ID:	P4103-02MS	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
BF139506.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	990	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	480		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	490		12.9	40	50	ug/L
92-87-5	Benzidine	190		40.7	80	100	ug/L
129-00-0	Pyrene	570		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	620		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	170		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	500		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	540		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	480		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	330		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	360		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.023		10-139		79	SPK: -150
13127-88-3	Phenol-d6	112.813		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	85.506		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	90.38		52-132		90	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-22AMS	SDG No.:	BF092024
Lab Sample ID:	P4103-02MS	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
BF139506.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.193		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	110.523		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75118	6.881				
1146-65-2	Naphthalene-d8	265096	8.163				
15067-26-2	Acenaphthene-d10	120212	9.916				
1517-22-2	Phenanthrene-d10	206785	11.404				
1719-03-5	Chrysene-d12	107208	14.039				
1520-96-3	Perylene-d12	86523	15.509				

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-22AMSD	SDG No.:	BF092024
Lab Sample ID:	P4103-02MSD	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
BF139507.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	71.9	J	40	80	100	ug/L
62-53-3	Aniline	87.9		16	40	50	ug/L
108-95-2	Phenol	380		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	400		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	320		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	300		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	300		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	360		16	80	100	ug/L
95-48-7	2-Methylphenol	420		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		13.5	40	50	ug/L
98-86-2	Acetophenone	400		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	400		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	280		10.1	40	50	ug/L
98-95-3	Nitrobenzene	390		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	440		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	560		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	440		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	350		11	40	50	ug/L
65-85-0	Benzoic acid	390		54.7	80	100	ug/L
91-20-3	Naphthalene	390		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	63.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	340		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:	WC-22AMSD	SDG No.:	BF092024
Lab Sample ID:	P4103-02MSD	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
BF139507.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	410		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	400		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	740		50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	440		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	470		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	500		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	450		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	230		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7730		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	610		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	780		20	80	100	ug/L
132-64-9	Dibenzofuran	450		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	440		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	890		27.6	40	100	ug/L
84-66-2	Diethylphthalate	460		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		9.8	40	50	ug/L
86-73-7	Fluorene	420		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	350		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	360		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	490		8.9	40	50	ug/L
103-33-3	Azobenzene	420		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	460		11.4	40	50	ug/L
1912-24-9	Atrazine	450		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:	WC-22AMSD	SDG No.:	BF092024
Lab Sample ID:	P4103-02MSD	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
BF139507.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	510		10.7	40	50	ug/L
86-74-8	Carbazole	490		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	300		40.7	80	100	ug/L
129-00-0	Pyrene	570		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	610		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	190		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	530		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	490		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	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	460		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	470		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	420		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	320		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	380		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.148		10-139		78	SPK: -150
13127-88-3	Phenol-d6	113.812		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	88.104		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	92.748		52-132		93	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-22AMSD	SDG No.:	BF092024
Lab Sample ID:	P4103-02MSD	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
BF139507.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.712		44-137		76	SPK: -150
1718-51-0	Terphenyl-d14	109.359		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71206	6.881				
1146-65-2	Naphthalene-d8	245793	8.163				
15067-26-2	Acenaphthene-d10	113109	9.916				
1517-22-2	Phenanthrene-d10	188079	11.398				
1719-03-5	Chrysene-d12	100035	14.039				
1520-96-3	Perylene-d12	80990	15.51				

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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-05	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
BF139508.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-05	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
BF139508.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-05	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
BF139508.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	61.5	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	120.148		10-139		80	SPK: -150
13127-88-3	Phenol-d6	110.645		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	91.389		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.537		52-132		92	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-14-5-7.5A	SDG No.:	BF092024
Lab Sample ID:	P4103-05	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
BF139508.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.349		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	106.535		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74397	6.881				
1146-65-2	Naphthalene-d8	256441	8.157				
15067-26-2	Acenaphthene-d10	119498	9.91				
1517-22-2	Phenanthrene-d10	212737	11.398				
1719-03-5	Chrysene-d12	125388	14.033				
1520-96-3	Perylene-d12	91312	15.51				

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.:	BF092024
Lab Sample ID:	P4103-08	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
BF139509.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	36	J	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:	WC-14-5-7.5B	SDG No.:	BF092024
Lab Sample ID:	P4103-08	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
BF139509.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	28	J	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:	WC-14-5-7.5B	SDG No.:	BF092024
Lab Sample ID:	P4103-08	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
BF139509.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	23.7	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	42.2	J	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.455		10-139		86	SPK: -150
13127-88-3	Phenol-d6	121.608		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	88.381		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.583		52-132		90	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.:	BF092024
Lab Sample ID:	P4103-08	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
BF139509.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.332		44-137		81	SPK: -150
1718-51-0	Terphenyl-d14	102.119		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76931	6.881				
1146-65-2	Naphthalene-d8	265343	8.157				
15067-26-2	Acenaphthene-d10	123864	9.91				
1517-22-2	Phenanthrene-d10	220987	11.398				
1719-03-5	Chrysene-d12	131452	14.033				
1520-96-3	Perylene-d12	98227	15.509				

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.:	BF092024
Lab Sample ID:	P4103-11	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
BF139510.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-14-7.5-10A	SDG No.:	BF092024
Lab Sample ID:	P4103-11	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
BF139510.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	28	J	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:	WC-14-7.5-10A	SDG No.:	BF092024
Lab Sample ID:	P4103-11	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
BF139510.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110		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	30.9	J	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.539		10-139		84	SPK: -150
13127-88-3	Phenol-d6	120.325		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	87.434		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.442		52-132		88	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.:	BF092024
Lab Sample ID:	P4103-11	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
BF139510.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.074		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	100.552		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73109	6.881				
1146-65-2	Naphthalene-d8	250421	8.157				
15067-26-2	Acenaphthene-d10	112091	9.91				
1517-22-2	Phenanthrene-d10	192291	11.398				
1719-03-5	Chrysene-d12	112426	14.033				
1520-96-3	Perylene-d12	88798	15.51				

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-14-7.5-10B	SDG No.:	BF092024
Lab Sample ID:	P4103-14	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
BF139511.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-14-7.5-10B	SDG No.:	BF092024
Lab Sample ID:	P4103-14	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
BF139511.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-14-7.5-10B	SDG No.:	BF092024
Lab Sample ID:	P4103-14	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
BF139511.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	108.904		10-139		73	SPK: -150
13127-88-3	Phenol-d6	101.501		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	81.39		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	84.661		52-132		85	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-14-7.5-10B	SDG No.:	BF092024
Lab Sample ID:	P4103-14	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
BF139511.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.695		44-137		72	SPK: -150
1718-51-0	Terphenyl-d14	95.767		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78153	6.875				
1146-65-2	Naphthalene-d8	271104	8.157				
15067-26-2	Acenaphthene-d10	126022	9.91				
1517-22-2	Phenanthrene-d10	217565	11.398				
1719-03-5	Chrysene-d12	128652	14.033				
1520-96-3	Perylene-d12	93854	15.51				

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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-17	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
BF139512.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-23	SDG No.:	BF092024
Lab Sample ID:	P4103-17	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
BF139512.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	WC-23	SDG No.:	BF092024
Lab Sample ID:	P4103-17	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
BF139512.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	21.4	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	25.7	J	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.143		10-139		86	SPK: -150
13127-88-3	Phenol-d6	123.9		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	90.481		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	91.911		52-132		92	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-23	SDG No.:	BF092024
Lab Sample ID:	P4103-17	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
BF139512.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.861		44-137		79	SPK: -150
1718-51-0	Terphenyl-d14	107.381		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78495	6.881				
1146-65-2	Naphthalene-d8	271926	8.157				
15067-26-2	Acenaphthene-d10	125895	9.91				
1517-22-2	Phenanthrene-d10	219540	11.398				
1719-03-5	Chrysene-d12	129376	14.033				
1520-96-3	Perylene-d12	96172	15.51				

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-14	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
BF139513.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-14	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
BF139513.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-14	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
BF139513.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

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	105.276		10-139		70	SPK: -150
13127-88-3	Phenol-d6	99.111		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	79.696		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	82.695		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RB24085	SDG No.:	BF092024
Lab Sample ID:	P4120-14	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
BF139513.D	1	9/20/2024 12:00:00 AM	9/20/2024 12:00:00 AM	PB163571

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.851		44-137		71	SPK: -150
1718-51-0	Terphenyl-d14	101.691		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85041	6.881				
1146-65-2	Naphthalene-d8	304799	8.157				
15067-26-2	Acenaphthene-d10	149285	9.91				
1517-22-2	Phenanthrene-d10	264907	11.398				
1719-03-5	Chrysene-d12	138468	14.033				
1520-96-3	Perylene-d12	110184	15.504				



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



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.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

EPA Sample No.: SSTDICCC040

Date Analyzed: Sep 20 2024 12:00AM

Lab File ID: BF139349.D

Time Analyzed: 10:40

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	78344	6.88	298318	8.16	160737	9.91
02	RT2299RE	73301	6.88	256815	8.16	43060 *	9.91
03	NB-614-COMP-09RE	70442	6.88	254236	8.16	70976	9.91
04	WC-22A	75553	6.88	249625	8.16	120674	9.92
05	WC-14-5-7.5A	77808	6.88	274750	8.16	127776	9.92
06	WC-23	77879	6.88	273264	8.16	130057	9.92
07	RB24085	75619	6.88	280924	8.16	141392	9.91
08	NB-08-09192024	83075	6.88	300614	8.16	135928	9.91
09	NB-08-09192024MS	84914	6.88	297564	8.16	134257	9.92
10	NB-08-09192024MSD	84652	6.88	293536	8.16	130592	9.92
11	PL-01-09192024	69085	6.88	227798	8.16	100633	9.91
12	WC-22A	69979	6.88	241063	8.16	108708	9.91
13	WC-22AMS	75118	6.88	265096	8.16	120212	9.92
14	WC-22AMSD	71206	6.88	245793	8.16	113109	9.92
15	WC-14-5-7.5A	74397	6.88	256441	8.16	119498	9.91
16	WC-14-5-7.5B	76931	6.88	265343	8.16	123864	9.91
17	WC-14-7.5-10A	73109	6.88	250421	8.16	112091	9.91
18	WC-14-7.5-10B	78153	6.88	271104	8.16	126022	9.91
19	WC-23	78495	6.88	271926	8.16	125895	9.91
20	RB24085	85041	6.88	304799	8.16	149285	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139349.D Time Analyzed: 20:45

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.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139493.D Time Analyzed: 10:40

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	72885	6.881	269376	8.16	147488	9.92
	UPPER LIMIT	145770	7.381	538752	8.663	294976	10.416
	LOWER LIMIT	36442.5	6.381	134688	7.663	73744	9.416
	EPA SAMPLE NO.						
01	PB163454BL	78344	6.88	298318	8.16	160737	9.91
02	RT2299RE	73301	6.88	256815	8.16	43060 *	9.91
03	NB-614-COMP-09RE	70442	6.88	254236	8.16	70976 *	9.91
04	WC-22A	75553	6.88	249625	8.16	120674	9.92
05	WC-14-5-7.5A	77808	6.88	274750	8.16	127776	9.92
06	WC-23	77879	6.88	273264	8.16	130057	9.92
07	RB24085	75619	6.88	280924	8.16	141392	9.91
08	NB-08-09192024	83075	6.88	300614	8.16	135928	9.91
09	NB-08-09192024MS	84914	6.88	297564	8.16	134257	9.92
10	NB-08-09192024MSD	84652	6.88	293536	8.16	130592	9.92
11	PL-01-09192024	69085	6.88	227798	8.16	100633	9.91
12	WC-22A	69979	6.88	241063	8.16	108708	9.91
13	WC-22AMS	75118	6.88	265096	8.16	120212	9.92
14	WC-22AMSD	71206	6.88	245793	8.16	113109	9.92
15	WC-14-5-7.5A	74397	6.88	256441	8.16	119498	9.91
16	WC-14-5-7.5B	76931	6.88	265343	8.16	123864	9.91
17	WC-14-7.5-10A	73109	6.88	250421	8.16	112091	9.91
18	WC-14-7.5-10B	78153	6.88	271104	8.16	126022	9.91
19	WC-23	78495	6.88	271926	8.16	125895	9.91
20	RB24085	85041	6.88	304799	8.16	149285	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139493.D Time Analyzed: 20:45

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	72885	6.881	269376	8.16	147488	9.92
UPPER LIMIT	145770	7.381	538752	8.663	294976	10.416
LOWER LIMIT	36442.5	6.381	134688	7.663	73744	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.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139349.D Time Analyzed: 10:40

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	308614	11.39	202209	14.03	161841	15.50
02	RT2299RE	129039	11.40	13234 *	14.03	0 *	0.00
03	NB-614-COMP-09RE	200805	11.40	39062 *	14.03	973 *	15.51
04	WC-22A	199719	11.40	140700	14.04	103274	15.51
05	WC-14-5-7.5A	192815	11.40	138154	14.03	99507	15.51
06	WC-23	197920	11.40	140501	14.03	99170	15.51
07	RB24085	207833	11.40	148505	14.03	101861	15.51
08	NB-08-09192024	214390	11.40	130672	14.04	97548	15.51
09	NB-08-09192024MS	214374	11.40	122209	14.04	98834	15.51
10	NB-08-09192024MSD	214580	11.40	124140	14.04	97561	15.51
11	PL-01-09192024	179805	11.40	97718	14.04	79171	15.51
12	WC-22A	194594	11.40	109467	14.03	83692	15.51
13	WC-22AMS	206785	11.40	107208	14.04	86523	15.51
14	WC-22AMSD	188079	11.40	100035	14.04	80990	15.51
15	WC-14-5-7.5A	212737	11.40	125388	14.03	91312	15.51
16	WC-14-5-7.5B	220987	11.40	131452	14.03	98227	15.51
17	WC-14-7.5-10A	192291	11.40	112426	14.03	88798	15.51
18	WC-14-7.5-10B	217565	11.40	128652	14.03	93854	15.51
19	WC-23	219540	11.40	129376	14.03	96172	15.51
20	RB24085	264907	11.40	138468	14.03	110184	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139349.D Time Analyzed: 20:45

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.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139493.D Time Analyzed: 10:40

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	275829	11.398	142849	14.033	143390	15.498
	UPPER LIMIT	551658	11.898	285698	14.533	286780	15.998
	LOWER LIMIT	137914.5	10.898	71424.5	13.533	71695	14.998
	EPA SAMPLE NO.						
01	PB163454BL	308614	11.39	202209	14.03	161841	15.50
02	RT2299RE	129039 *	11.40	13234 *	14.03	0 *	0.00 *
03	NB-614-COMP-09RE	200805	11.40	39062 *	14.03	973 *	15.51
04	WC-22A	199719	11.40	140700	14.04	103274	15.51
05	WC-14-5-7.5A	192815	11.40	138154	14.03	99507	15.51
06	WC-23	197920	11.40	140501	14.03	99170	15.51
07	RB24085	207833	11.40	148505	14.03	101861	15.51
08	NB-08-09192024	214390	11.40	130672	14.04	97548	15.51
09	NB-08-09192024MS	214374	11.40	122209	14.04	98834	15.51
10	NB-08-09192024MSD	214580	11.40	124140	14.04	97561	15.51
11	PL-01-09192024	179805	11.40	97718	14.04	79171	15.51
12	WC-22A	194594	11.40	109467	14.03	83692	15.51
13	WC-22AMS	206785	11.40	107208	14.04	86523	15.51
14	WC-22AMSD	188079	11.40	100035	14.04	80990	15.51
15	WC-14-5-7.5A	212737	11.40	125388	14.03	91312	15.51
16	WC-14-5-7.5B	220987	11.40	131452	14.03	98227	15.51
17	WC-14-7.5-10A	192291	11.40	112426	14.03	88798	15.51
18	WC-14-7.5-10B	217565	11.40	128652	14.03	93854	15.51
19	WC-23	219540	11.40	129376	14.03	96172	15.51
20	RB24085	264907	11.40	138468	14.03	110184	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092024 SAS No.: BF092024 SDG NO.: BF092024

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

Lab File ID: BF139493.D Time Analyzed: 20:45

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	275829	11.398	142849	14.033	143390	15.498
UPPER LIMIT	551658	11.898	285698	14.533	286780	15.998
LOWER LIMIT	137914.5	10.898	71424.5	13.533	71695	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163454BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092024

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139494.D

Lab Sample ID: PB163454BL

Instrument ID: BNA_F

Date Extracted: 09/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 10:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-22A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092024

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139497.D

Lab Sample ID: P4103-01

Instrument ID: BNA_F

Date Extracted: 09/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 12:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-22A	P4103-01	BF139497.D	09/20/2024
WC-14-5-7.5A	P4103-04	BF139498.D	09/20/2024
WC-23	P4103-16	BF139499.D	09/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RB24085

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092024

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139500.D

Lab Sample ID: P4120-13

Instrument ID: BNA_F

Date Extracted: 09/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 14:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RB24085	P4120-13	BF139500.D	09/20/2024
NB-08-09192024	P4126-01	BF139501.D	09/20/2024
NB-08-09192024MS	P4126-01MS	BF139502.D	09/20/2024
NB-08-09192024MSD	P4126-01MSD	BF139503.D	09/20/2024
PL-01-09192024	P4125-01	BF139504.D	09/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-22A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092024

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139505.D

Lab Sample ID: P4103-02

Instrument ID: BNA_F

Date Extracted: 09/20/2024

Matrix: (soil/water) water

Date Analyzed: 09/20/2024

Level: (low/med) LOW

Time Analyzed: 16:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-22A	P4103-02	BF139505.D	09/20/2024
WC-22AMS	P4103-02MS	BF139506.D	09/20/2024
WC-22AMSD	P4103-02MSD	BF139507.D	09/20/2024
WC-14-5-7.5A	P4103-05	BF139508.D	09/20/2024
WC-14-5-7.5B	P4103-08	BF139509.D	09/20/2024
WC-14-7.5-10A	P4103-11	BF139510.D	09/20/2024
WC-14-7.5-10B	P4103-14	BF139511.D	09/20/2024
WC-23	P4103-17	BF139512.D	09/20/2024
RB24085	P4120-14	BF139513.D	09/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4126-01MS		Client Sample ID: NB-08-09192024MS		DataFile: BF139502.D							
n-Nitrosodimethylamine	1000		730	ug/Kg	73				66	124	
Pyridine	1000		680	ug/Kg	68				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	
Aniline	1000		180	ug/Kg	18				10	88	
Phenol	1000		820	ug/Kg	82				67	126	
bis(2-Chloroethyl)ether	1000		880	ug/Kg	88				54	125	
2-Chlorophenol	1000		850	ug/Kg	85				79	107	
1,2-Dichlorobenzene	1000		800	ug/Kg	80				61	105	
1,3-Dichlorobenzene	1000		800	ug/Kg	80				62	101	
1,4-Dichlorobenzene	1000		790	ug/Kg	79				63	104	
Benzyl Alcohol	1000		590	ug/Kg	59				47	126	
2-Methylphenol	1000		850	ug/Kg	85				66	122	
2,2-oxybis(1-Chloropropane)	1000		970	ug/Kg	97				65	110	
Acetophenone	1000		820	ug/Kg	82				75	111	
3+4-Methylphenols	1000		790	ug/Kg	79				66	104	
N-Nitroso-di-n-propylamine	1000		840	ug/Kg	84				59	119	
Hexachloroethane	1000		730	ug/Kg	73				65	117	
Nitrobenzene	1000		810	ug/Kg	81				70	119	
Isophorone	1000		890	ug/Kg	89				76	122	
2-Nitrophenol	1000		900	ug/Kg	90				54	145	
2,4-Dimethylphenol	1000		1100	ug/Kg	110				44	135	
bis(2-Chloroethoxy)methane	1000		910	ug/Kg	91				68	112	
2,4-Dichlorophenol	1000		840	ug/Kg	84				72	118	
1,2,4-Trichlorobenzene	1000		790	ug/Kg	79				57	103	
Benzoic acid	1000		490	ug/Kg	49	*			50	104	
Naphthalene	1000		840	ug/Kg	84				72	110	
4-Chloroaniline	1000		520	ug/Kg	52				10	91	
Hexachlorobutadiene	1000		770	ug/Kg	77				66	114	
Caprolactam	1000		810	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1000		720	ug/Kg	72				57	132	
2-Methylnaphthalene	1000		820	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2100		1500	ug/Kg	71				10	175	
2,4,6-Trichlorophenol	1000		900	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	1000		830	ug/Kg	83				72	117	
1,1-Biphenyl	1000		910	ug/Kg	91				75	113	
2-Chloronaphthalene	1000		870	ug/Kg	87				67	118	
2-Nitroaniline	1000		870	ug/Kg	87				69	127	
Dimethylphthalate	1000		910	ug/Kg	91				70	113	
Acenaphthylene	1000		930	ug/Kg	93				79	118	
2,6-Dinitrotoluene	1000		820	ug/Kg	82				70	125	
3-Nitroaniline	1000		740	ug/Kg	74				30	99	
Acenaphthene	1000		880	ug/Kg	88				70	121	
Total PAH	16000	3780	17510	ug/Kg	109				70	121	
2,4-Dinitrophenol	2100		760	ug/Kg	36				10	155	
4-Nitrophenol	2100		1400	ug/Kg	67				45	133	
Dibenzofuran	1000		860	ug/Kg	86				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		770	ug/Kg	77				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1590	ug/Kg	80				55	128	
Diethylphthalate	1000		820	ug/Kg	82				70	112	
4-Chlorophenyl-phenylether	1000		790	ug/Kg	79				71	108	
Fluorene	1000	0	860	ug/Kg	86				68	116	
4-Nitroaniline	1000		680	ug/Kg	68				55	120	
4,6-Dinitro-2-methylphenol	1000		480	ug/Kg	48				10	160	
N-Nitrosodiphenylamine	1000		960	ug/Kg	96				73	118	
Azobenzene	1000		900	ug/Kg	90				73	110	
4-Bromophenyl-phenylether	1000		920	ug/Kg	92				65	121	
Hexachlorobenzene	1000		840	ug/Kg	84				67	118	
Atrazine	1000		1200	ug/Kg	120				79	127	
Pentachlorophenol	2100		1500	ug/Kg	71				47	128	
Phenanthrene	1000	580	1400	ug/Kg	82				52	128	
Anthracene	1000	150	1100	ug/Kg	95				62	124	
Carbazole	1000		960	ug/Kg	96				59	119	
Di-n-butylphthalate	1000		930	ug/Kg	93				69	118	
Fluoranthene	1000	670	1500	ug/Kg	83				44	125	
Benzydine	2100		390	ug/Kg	19				10	119	
Pyrene	1000	680	1600	ug/Kg	92				26	142	
Butylbenzylphthalate	1000		1100	ug/Kg	110				64	126	
3,3-Dichlorobenzidine	1000		820	ug/Kg	82				33	116	
Benzo(a)anthracene	1000	330	1200	ug/Kg	87				71	114	
Chrysene	1000	280	1200	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1000		1000	ug/Kg	100				42	169	
Di-n-octyl phthalate	1000		960	ug/Kg	96				23	175	
Benzo(b)fluoranthene	1000	310	1100	ug/Kg	79				67	121	
Benzo(k)fluoranthene	1000	150	1000	ug/Kg	85				57	134	
Benzo(a)pyrene	1000	300	1200	ug/Kg	90				70	142	
Indeno(1,2,3-cd)pyrene	1000	150	960	ug/Kg	81				40	129	
Dibenz(a,h)anthracene	1000		840	ug/Kg	84				43	123	
Benzo(g,h,i)perylene	1000	180	900	ug/Kg	72				24	125	
1,2,4,5-Tetrachlorobenzene	1000		930	ug/Kg	93				69	124	
1,4-Dioxane	1000		670	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1000		770	ug/Kg	77				69	112	
1-Methylnaphthalene	1000		780	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4126-01MSD		Client Sample ID: NB-08-09192024MSD					DataFile: BF139503.D				
n-Nitrosodimethylamine	1000		770	ug/Kg	77		5		66	124	20
Pyridine	1000		820	ug/Kg	82		19		45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	20
Aniline	1000		330	ug/Kg	33		59	*	10	88	20
Phenol	1000		880	ug/Kg	88		7		67	126	20
bis(2-Chloroethyl)ether	1000		970	ug/Kg	97		10		54	125	20
2-Chlorophenol	1000		890	ug/Kg	89		5		79	107	20
1,2-Dichlorobenzene	1000		830	ug/Kg	83		4		61	105	20
1,3-Dichlorobenzene	1000		820	ug/Kg	82		2		62	101	20
1,4-Dichlorobenzene	1000		830	ug/Kg	83		5		63	104	20
Benzyl Alcohol	1000		630	ug/Kg	63		7		47	126	20
2-Methylphenol	1000		880	ug/Kg	88		3		66	122	20
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100		3		65	110	20
Acetophenone	1000		860	ug/Kg	86		5		75	111	20
3+4-Methylphenols	1000		830	ug/Kg	83		5		66	104	20
N-Nitroso-di-n-propylamine	1000		870	ug/Kg	87		4		59	119	20
Hexachloroethane	1000		760	ug/Kg	76		4		65	117	20
Nitrobenzene	1000		840	ug/Kg	84		4		70	119	20
Isophorone	1000		930	ug/Kg	93		4		76	122	20
2-Nitrophenol	1000		920	ug/Kg	92		2		54	145	20
2,4-Dimethylphenol	1000		1100	ug/Kg	110		0		44	135	20
bis(2-Chloroethoxy)methane	1000		960	ug/Kg	96		5		68	112	20
2,4-Dichlorophenol	1000		860	ug/Kg	86		2		72	118	20
1,2,4-Trichlorobenzene	1000		820	ug/Kg	82		4		57	103	20
Benzoic acid	1000		490	ug/Kg	49	*	0		50	104	20
Naphthalene	1000		880	ug/Kg	88		5		72	110	20
4-Chloroaniline	1000		590	ug/Kg	59		13		10	91	20
Hexachlorobutadiene	1000		800	ug/Kg	80		4		66	114	20
Caprolactam	1000		820	ug/Kg	82		1		51	134	20
4-Chloro-3-methylphenol	1000		760	ug/Kg	76		5		57	132	20
2-Methylnaphthalene	1000		850	ug/Kg	85		4		59	123	20
Hexachlorocyclopentadiene	2100		1400	ug/Kg	67		6		10	175	20
2,4,6-Trichlorophenol	1000		920	ug/Kg	92		2		72	117	20
2,4,5-Trichlorophenol	1000		890	ug/Kg	89		7		72	117	20
1,1-Biphenyl	1000		950	ug/Kg	95		4		75	113	20
2-Chloronaphthalene	1000		920	ug/Kg	92		6		67	118	20
2-Nitroaniline	1000		930	ug/Kg	93		7		69	127	20
Dimethylphthalate	1000		960	ug/Kg	96		5		70	113	20
Acenaphthylene	1000		960	ug/Kg	96		3		79	118	20
2,6-Dinitrotoluene	1000		890	ug/Kg	89		8		70	125	20
3-Nitroaniline	1000		820	ug/Kg	82		10		30	99	20
Acenaphthene	1000		920	ug/Kg	92		4		70	121	20
Total PAH	16000	3780	18050	ug/Kg	113		4		70	121	20
2,4-Dinitrophenol	2100		690	ug/Kg	33		9		10	155	20
4-Nitrophenol	2100		1500	ug/Kg	71		6		45	133	20
Dibenzofuran	1000		900	ug/Kg	90		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		840	ug/Kg	84		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1730	ug/Kg	87		8		55	128	20
Diethylphthalate	1000		870	ug/Kg	87		6		70	112	20
4-Chlorophenyl-phenylether	1000		810	ug/Kg	81		3		71	108	20
Fluorene	1000	0	890	ug/Kg	89		3		68	116	20
4-Nitroaniline	1000		770	ug/Kg	77		12		55	120	20
4,6-Dinitro-2-methylphenol	1000		470	ug/Kg	47		2		10	160	20
N-Nitrosodiphenylamine	1000		1000	ug/Kg	100		4		73	118	20
Azobenzene	1000		940	ug/Kg	94		4		73	110	20
4-Bromophenyl-phenylether	1000		930	ug/Kg	93		1		65	121	20
Hexachlorobenzene	1000		890	ug/Kg	89		6		67	118	20
Atrazine	1000		1200	ug/Kg	120		0		79	127	20
Pentachlorophenol	2100		1700	ug/Kg	81		13		47	128	20
Phenanthrene	1000	580	1400	ug/Kg	82		0		52	128	20
Anthracene	1000	150	1100	ug/Kg	95		0		62	124	20
Carbazole	1000		1000	ug/Kg	100		4		59	119	20
Di-n-butylphthalate	1000		990	ug/Kg	99		6		69	118	20
Fluoranthene	1000	670	1500	ug/Kg	83		0		44	125	20
Benzidine	2100		780	ug/Kg	37		64	*	10	119	20
Pyrene	1000	680	1600	ug/Kg	92		0		26	142	20
Butylbenzylphthalate	1000		1100	ug/Kg	110		0		64	126	20
3,3-Dichlorobenzidine	1000		940	ug/Kg	94		14		33	116	20
Benzo(a)anthracene	1000	330	1200	ug/Kg	87		0		71	114	20
Chrysene	1000	280	1200	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000		1100	ug/Kg	110		10		42	169	20
Di-n-octyl phthalate	1000		1000	ug/Kg	100		4		23	175	20
Benzo(b)fluoranthene	1000	310	1200	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1000	150	1100	ug/Kg	95		11		57	134	20
Benzo(a)pyrene	1000	300	1300	ug/Kg	100		11		70	142	20
Indeno(1,2,3-cd)pyrene	1000	150	1000	ug/Kg	85		5		40	129	20
Dibenz(a,h)anthracene	1000		880	ug/Kg	88		5		43	123	20
Benzo(g,h,i)perylene	1000	180	920	ug/Kg	74		3		24	125	20
1,2,4,5-Tetrachlorobenzene	1000		960	ug/Kg	96		3		69	124	20
1,4-Dioxane	1000		690	ug/Kg	69		3		46	112	20
2,3,4,6-Tetrachlorophenol	1000		830	ug/Kg	83		8		69	112	20
1-Methylnaphthalene	1000		790	ug/Kg	79		1		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4103-02MS		Client Sample ID: WC-22AMS		DataFile: BF139506.D							
n-Nitrosodimethylamine	500		350	ug/L	70				10	130	
Pyridine	500		350	ug/L	70				10	109	
Benzaldehyde	500		73.5	ug/L	15				10	137	
Aniline	500		72.6	ug/L	15				10	130	
Phenol	500		370	ug/L	74				10	130	
bis(2-Chloroethyl)ether	500		400	ug/L	80				29	141	
2-Chlorophenol	500		400	ug/L	80				23	127	
1,2-Dichlorobenzene	500		320	ug/L	64				61	114	
1,3-Dichlorobenzene	500		300	ug/L	60	*			65	106	
1,4-Dichlorobenzene	500		310	ug/L	62				55	125	
Benzyl Alcohol	500		360	ug/L	72				31	94	
2-Methylphenol	500		420	ug/L	84				37	126	
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88				36	141	
Acetophenone	500		390	ug/L	78				31	164	
3+4-Methylphenols	500		410	ug/L	82				31	127	
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	
Hexachloroethane	500		280	ug/L	56				49	110	
Nitrobenzene	500		370	ug/L	74				62	112	
Isophorone	500		440	ug/L	88				39	146	
2-Nitrophenol	500		410	ug/L	82				30	148	
2,4-Dimethylphenol	500		530	ug/L	106				17	143	
bis(2-Chloroethoxy)methane	500		450	ug/L	90				39	143	
2,4-Dichlorophenol	500		420	ug/L	84				22	146	
1,2,4-Trichlorobenzene	500		340	ug/L	68				66	110	
Benzoic acid	500		380	ug/L	76				10	101	
Naphthalene	500		380	ug/L	76				17	157	
4-Chloroaniline	500		59.7	ug/L	12				10	95	
Hexachlorobutadiene	500		330	ug/L	66				52	125	
Caprolactam	500		380	ug/L	76				10	130	
4-Chloro-3-methylphenol	500		380	ug/L	76				17	148	
2-Methylnaphthalene	500		380	ug/L	76				38	146	
Hexachlorocyclopentadiene	1000		800	ug/L	80				20	153	
2,4,6-Trichlorophenol	500		470	ug/L	94				78	112	
2,4,5-Trichlorophenol	500		450	ug/L	90				71	111	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		440	ug/L	88				41	145	
2-Nitroaniline	500		460	ug/L	92				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		470	ug/L	94				40	141	
2,6-Dinitrotoluene	500		460	ug/L	92				43	148	
3-Nitroaniline	500		220	ug/L	44				10	111	
Acenaphthene	500		460	ug/L	92				37	146	
Total PAH	8000		7640	ug/L	96				37	146	
2,4-Dinitrophenol	1000		590	ug/L	59				14	167	
4-Nitrophenol	1000		780	ug/L	78				10	130	
Dibenzofuran	500		440	ug/L	88				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

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		910	ug/L	91				50	142	
2,4-Dinitrotoluene	500		450	ug/L	90				50	142	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		420	ug/L	84				38	149	
Fluorene	500		420	ug/L	84				39	144	
4-Nitroaniline	500		350	ug/L	70				27	138	
4,6-Dinitro-2-methylphenol	500		340	ug/L	68				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		430	ug/L	86				72	112	
4-Bromophenyl-phenylether	500		480	ug/L	96				42	151	
Hexachlorobenzene	500		450	ug/L	90				72	115	
Atrazine	500		460	ug/L	92				20	162	
Pentachlorophenol	1000	93.6	990	ug/L	90				25	139	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		500	ug/L	100				40	151	
Fluoranthene	500		490	ug/L	98				42	146	
Benzydine	1000		190	ug/L	19				10	130	
Pyrene	500		570	ug/L	114				41	149	
Butylbenzylphthalate	500		620	ug/L	124				39	155	
3,3-Dichlorobenzidine	500		170	ug/L	34				10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114				33	160	
Di-n-octyl phthalate	500		540	ug/L	108				36	158	
Benzo(b)fluoranthene	500		470	ug/L	94				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		530	ug/L	106				42	147	
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92				30	166	
Dibenz(a,h)anthracene	500		480	ug/L	96				23	172	
Benzo(g,h,i)perylene	500		400	ug/L	80				27	167	
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90				89	102	
1,4-Dioxane	500		330	ug/L	66				38	130	
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92				91	111	
1-Methylnaphthalene	500		360	ug/L	72				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4103-02MSD	Client Sample ID:	WC-22AMSD					DataFile:	BF139507.D		
n-Nitrosodimethylamine	500		350	ug/L	70		0		10	130	20
Pyridine	500		360	ug/L	72		3		10	109	20
Benzaldehyde	500		71.9	ug/L	14		7		10	137	20
Aniline	500		87.9	ug/L	18		18		10	130	20
Phenol	500		380	ug/L	76		3		10	130	20
bis(2-Chloroethyl)ether	500		420	ug/L	84		5		29	141	20
2-Chlorophenol	500		400	ug/L	80		0		23	127	20
1,2-Dichlorobenzene	500		320	ug/L	64		0		61	114	20
1,3-Dichlorobenzene	500		300	ug/L	60	*	0		65	106	20
1,4-Dichlorobenzene	500		300	ug/L	60		3		55	125	20
Benzyl Alcohol	500		360	ug/L	72		0		31	94	20
2-Methylphenol	500		420	ug/L	84		0		37	126	20
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88		0		36	141	20
Acetophenone	500		400	ug/L	80		3		31	164	20
3+4-Methylphenols	500		400	ug/L	80		2		31	127	20
N-Nitroso-di-n-propylamine	500		420	ug/L	84		0		36	147	20
Hexachloroethane	500		280	ug/L	56		0		49	110	20
Nitrobenzene	500		390	ug/L	78		5		62	112	20
Isophorone	500		460	ug/L	92		4		39	146	20
2-Nitrophenol	500		440	ug/L	88		7		30	148	20
2,4-Dimethylphenol	500		560	ug/L	112		6		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		2		39	143	20
2,4-Dichlorophenol	500		440	ug/L	88		5		22	146	20
1,2,4-Trichlorobenzene	500		350	ug/L	70		3		66	110	20
Benzoic acid	500		390	ug/L	78		3		10	101	20
Naphthalene	500		390	ug/L	78		3		17	157	20
4-Chloroaniline	500		63.4	ug/L	13		8		10	95	20
Hexachlorobutadiene	500		340	ug/L	68		3		52	125	20
Caprolactam	500		400	ug/L	80		5		10	130	20
4-Chloro-3-methylphenol	500		410	ug/L	82		8		17	148	20
2-Methylnaphthalene	500		400	ug/L	80		5		38	146	20
Hexachlorocyclopentadiene	1000		740	ug/L	74		8		20	153	20
2,4,6-Trichlorophenol	500		480	ug/L	96		2		78	112	20
2,4,5-Trichlorophenol	500		470	ug/L	94		4		71	111	20
1,1-Biphenyl	500		460	ug/L	92		0		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		0		41	145	20
2-Nitroaniline	500		470	ug/L	94		2		39	151	20
Dimethylphthalate	500		500	ug/L	100		2		42	147	20
Acenaphthylene	500		480	ug/L	96		2		40	141	20
2,6-Dinitrotoluene	500		450	ug/L	90		2		43	148	20
3-Nitroaniline	500		230	ug/L	46		4		10	111	20
Acenaphthene	500		470	ug/L	94		2		37	146	20
Total PAH	8000		7730	ug/L	97		1		37	146	20
2,4-Dinitrophenol	1000		610	ug/L	61		3		14	167	20
4-Nitrophenol	1000		780	ug/L	78		0		10	130	20
Dibenzofuran	500		450	ug/L	90		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

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		890	ug/L	89		2		50	142	20
2,4-Dinitrotoluene	500		440	ug/L	88		2		50	142	20
Diethylphthalate	500		460	ug/L	92		0		41	148	20
4-Chlorophenyl-phenylether	500		430	ug/L	86		2		38	149	20
Fluorene	500		420	ug/L	84		0		39	144	20
4-Nitroaniline	500		350	ug/L	70		0		27	138	20
4,6-Dinitro-2-methylphenol	500		360	ug/L	72		6		32	175	20
N-Nitrosodiphenylamine	500		490	ug/L	98		4		40	150	20
Azobenzene	500		420	ug/L	84		2		72	112	20
4-Bromophenyl-phenylether	500		490	ug/L	98		2		42	151	20
Hexachlorobenzene	500		460	ug/L	92		2		72	115	20
Atrazine	500		450	ug/L	90		2		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		11		25	139	20
Phenanthrene	500		500	ug/L	100		4		40	147	20
Anthracene	500		510	ug/L	102		0		41	146	20
Carbazole	500		490	ug/L	98		0		37	154	20
Di-n-butylphthalate	500		500	ug/L	100		0		40	151	20
Fluoranthene	500		500	ug/L	100		2		42	146	20
Benzidine	1000		300	ug/L	30		45	*	10	130	20
Pyrene	500		570	ug/L	114		0		41	149	20
Butylbenzylphthalate	500		610	ug/L	122		2		39	155	20
3,3-Dichlorobenzidine	500		190	ug/L	38		11		10	114	20
Benzo(a)anthracene	500		500	ug/L	100		2		41	147	20
Chrysene	500		510	ug/L	102		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114		0		33	160	20
Di-n-octyl phthalate	500		530	ug/L	106		2		36	158	20
Benzo(b)fluoranthene	500		490	ug/L	98		4		40	150	20
Benzo(k)fluoranthene	500		510	ug/L	102		4		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92		0		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		2		23	172	20
Benzo(g,h,i)perylene	500		420	ug/L	84		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		2		89	102	20
1,4-Dioxane	500		320	ug/L	64		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92		0		91	111	20
1-Methylnaphthalene	500		380	ug/L	76		5		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4126-01MS		Client Sample ID: NB-08-09192024MS		DataFile: BF139502.D							
n-Nitrosodimethylamine	1000		730	ug/Kg	73				66	124	
Pyridine	1000		680	ug/Kg	68				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	
Aniline	1000		180	ug/Kg	18				10	88	
Phenol	1000		820	ug/Kg	82				67	126	
bis(2-Chloroethyl)ether	1000		880	ug/Kg	88				54	125	
2-Chlorophenol	1000		850	ug/Kg	85				79	107	
1,2-Dichlorobenzene	1000		800	ug/Kg	80				61	105	
1,3-Dichlorobenzene	1000		800	ug/Kg	80				62	101	
1,4-Dichlorobenzene	1000		790	ug/Kg	79				63	104	
Benzyl Alcohol	1000		590	ug/Kg	59				47	126	
2-Methylphenol	1000		850	ug/Kg	85				66	122	
2,2-oxybis(1-Chloropropane)	1000		970	ug/Kg	97				65	110	
Acetophenone	1000		820	ug/Kg	82				75	111	
3+4-Methylphenols	1000		790	ug/Kg	79				66	104	
N-Nitroso-di-n-propylamine	1000		840	ug/Kg	84				59	119	
Hexachloroethane	1000		730	ug/Kg	73				65	117	
Nitrobenzene	1000		810	ug/Kg	81				70	119	
Isophorone	1000		890	ug/Kg	89				76	122	
2-Nitrophenol	1000		900	ug/Kg	90				54	145	
2,4-Dimethylphenol	1000		1100	ug/Kg	110				44	135	
bis(2-Chloroethoxy)methane	1000		910	ug/Kg	91				68	112	
2,4-Dichlorophenol	1000		840	ug/Kg	84				72	118	
1,2,4-Trichlorobenzene	1000		790	ug/Kg	79				57	103	
Benzoic acid	1000		490	ug/Kg	49	*			50	104	
Naphthalene	1000		840	ug/Kg	84				72	110	
4-Chloroaniline	1000		520	ug/Kg	52				10	91	
Hexachlorobutadiene	1000		770	ug/Kg	77				66	114	
Caprolactam	1000		810	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1000		720	ug/Kg	72				57	132	
2-Methylnaphthalene	1000		820	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2100		1500	ug/Kg	71				10	175	
2,4,6-Trichlorophenol	1000		900	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	1000		830	ug/Kg	83				72	117	
1,1-Biphenyl	1000		910	ug/Kg	91				75	113	
2-Chloronaphthalene	1000		870	ug/Kg	87				67	118	
2-Nitroaniline	1000		870	ug/Kg	87				69	127	
Dimethylphthalate	1000		910	ug/Kg	91				70	113	
Acenaphthylene	1000		930	ug/Kg	93				79	118	
2,6-Dinitrotoluene	1000		820	ug/Kg	82				70	125	
3-Nitroaniline	1000		740	ug/Kg	74				30	99	
Acenaphthene	1000		880	ug/Kg	88				70	121	
Total PAH	16000	3780	17510	ug/Kg	109				70	121	
2,4-Dinitrophenol	2100		760	ug/Kg	36				10	155	
4-Nitrophenol	2100		1400	ug/Kg	67				45	133	
Dibenzofuran	1000		860	ug/Kg	86				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		770	ug/Kg	77				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1590	ug/Kg	80				55	128	
Diethylphthalate	1000		820	ug/Kg	82				70	112	
4-Chlorophenyl-phenylether	1000		790	ug/Kg	79				71	108	
Fluorene	1000	0	860	ug/Kg	86				68	116	
4-Nitroaniline	1000		680	ug/Kg	68				55	120	
4,6-Dinitro-2-methylphenol	1000		480	ug/Kg	48				10	160	
N-Nitrosodiphenylamine	1000		960	ug/Kg	96				73	118	
Azobenzene	1000		900	ug/Kg	90				73	110	
4-Bromophenyl-phenylether	1000		920	ug/Kg	92				65	121	
Hexachlorobenzene	1000		840	ug/Kg	84				67	118	
Atrazine	1000		1200	ug/Kg	120				79	127	
Pentachlorophenol	2100		1500	ug/Kg	71				47	128	
Phenanthrene	1000	580	1400	ug/Kg	82				52	128	
Anthracene	1000	150	1100	ug/Kg	95				62	124	
Carbazole	1000		960	ug/Kg	96				59	119	
Di-n-butylphthalate	1000		930	ug/Kg	93				69	118	
Fluoranthene	1000	670	1500	ug/Kg	83				44	125	
Benzydine	2100		390	ug/Kg	19				10	119	
Pyrene	1000	680	1600	ug/Kg	92				26	142	
Butylbenzylphthalate	1000		1100	ug/Kg	110				64	126	
3,3-Dichlorobenzidine	1000		820	ug/Kg	82				33	116	
Benzo(a)anthracene	1000	330	1200	ug/Kg	87				71	114	
Chrysene	1000	280	1200	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1000		1000	ug/Kg	100				42	169	
Di-n-octyl phthalate	1000		960	ug/Kg	96				23	175	
Benzo(b)fluoranthene	1000	310	1100	ug/Kg	79				67	121	
Benzo(k)fluoranthene	1000	150	1000	ug/Kg	85				57	134	
Benzo(a)pyrene	1000	300	1200	ug/Kg	90				70	142	
Indeno(1,2,3-cd)pyrene	1000	150	960	ug/Kg	81				40	129	
Dibenz(a,h)anthracene	1000		840	ug/Kg	84				43	123	
Benzo(g,h,i)perylene	1000	180	900	ug/Kg	72				24	125	
1,2,4,5-Tetrachlorobenzene	1000		930	ug/Kg	93				69	124	
1,4-Dioxane	1000		670	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1000		770	ug/Kg	77				69	112	
1-Methylnaphthalene	1000		780	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4126-01MSD		Client Sample ID: NB-08-09192024MSD					DataFile: BF139503.D				
n-Nitrosodimethylamine	1000		770	ug/Kg	77		5		66	124	20
Pyridine	1000		820	ug/Kg	82		19		45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	20
Aniline	1000		330	ug/Kg	33		59	*	10	88	20
Phenol	1000		880	ug/Kg	88		7		67	126	20
bis(2-Chloroethyl)ether	1000		970	ug/Kg	97		10		54	125	20
2-Chlorophenol	1000		890	ug/Kg	89		5		79	107	20
1,2-Dichlorobenzene	1000		830	ug/Kg	83		4		61	105	20
1,3-Dichlorobenzene	1000		820	ug/Kg	82		2		62	101	20
1,4-Dichlorobenzene	1000		830	ug/Kg	83		5		63	104	20
Benzyl Alcohol	1000		630	ug/Kg	63		7		47	126	20
2-Methylphenol	1000		880	ug/Kg	88		3		66	122	20
2,2-oxybis(1-Chloropropane)	1000		1000	ug/Kg	100		3		65	110	20
Acetophenone	1000		860	ug/Kg	86		5		75	111	20
3+4-Methylphenols	1000		830	ug/Kg	83		5		66	104	20
N-Nitroso-di-n-propylamine	1000		870	ug/Kg	87		4		59	119	20
Hexachloroethane	1000		760	ug/Kg	76		4		65	117	20
Nitrobenzene	1000		840	ug/Kg	84		4		70	119	20
Isophorone	1000		930	ug/Kg	93		4		76	122	20
2-Nitrophenol	1000		920	ug/Kg	92		2		54	145	20
2,4-Dimethylphenol	1000		1100	ug/Kg	110		0		44	135	20
bis(2-Chloroethoxy)methane	1000		960	ug/Kg	96		5		68	112	20
2,4-Dichlorophenol	1000		860	ug/Kg	86		2		72	118	20
1,2,4-Trichlorobenzene	1000		820	ug/Kg	82		4		57	103	20
Benzoic acid	1000		490	ug/Kg	49	*	0		50	104	20
Naphthalene	1000		880	ug/Kg	88		5		72	110	20
4-Chloroaniline	1000		590	ug/Kg	59		13		10	91	20
Hexachlorobutadiene	1000		800	ug/Kg	80		4		66	114	20
Caprolactam	1000		820	ug/Kg	82		1		51	134	20
4-Chloro-3-methylphenol	1000		760	ug/Kg	76		5		57	132	20
2-Methylnaphthalene	1000		850	ug/Kg	85		4		59	123	20
Hexachlorocyclopentadiene	2100		1400	ug/Kg	67		6		10	175	20
2,4,6-Trichlorophenol	1000		920	ug/Kg	92		2		72	117	20
2,4,5-Trichlorophenol	1000		890	ug/Kg	89		7		72	117	20
1,1-Biphenyl	1000		950	ug/Kg	95		4		75	113	20
2-Chloronaphthalene	1000		920	ug/Kg	92		6		67	118	20
2-Nitroaniline	1000		930	ug/Kg	93		7		69	127	20
Dimethylphthalate	1000		960	ug/Kg	96		5		70	113	20
Acenaphthylene	1000		960	ug/Kg	96		3		79	118	20
2,6-Dinitrotoluene	1000		890	ug/Kg	89		8		70	125	20
3-Nitroaniline	1000		820	ug/Kg	82		10		30	99	20
Acenaphthene	1000		920	ug/Kg	92		4		70	121	20
Total PAH	16000	3780	18050	ug/Kg	113		4		70	121	20
2,4-Dinitrophenol	2100		690	ug/Kg	33		9		10	155	20
4-Nitrophenol	2100		1500	ug/Kg	71		6		45	133	20
Dibenzofuran	1000		900	ug/Kg	90		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1000		840	ug/Kg	84		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2000		1730	ug/Kg	87		8		55	128	20
Diethylphthalate	1000		870	ug/Kg	87		6		70	112	20
4-Chlorophenyl-phenylether	1000		810	ug/Kg	81		3		71	108	20
Fluorene	1000	0	890	ug/Kg	89		3		68	116	20
4-Nitroaniline	1000		770	ug/Kg	77		12		55	120	20
4,6-Dinitro-2-methylphenol	1000		470	ug/Kg	47		2		10	160	20
N-Nitrosodiphenylamine	1000		1000	ug/Kg	100		4		73	118	20
Azobenzene	1000		940	ug/Kg	94		4		73	110	20
4-Bromophenyl-phenylether	1000		930	ug/Kg	93		1		65	121	20
Hexachlorobenzene	1000		890	ug/Kg	89		6		67	118	20
Atrazine	1000		1200	ug/Kg	120		0		79	127	20
Pentachlorophenol	2100		1700	ug/Kg	81		13		47	128	20
Phenanthrene	1000	580	1400	ug/Kg	82		0		52	128	20
Anthracene	1000	150	1100	ug/Kg	95		0		62	124	20
Carbazole	1000		1000	ug/Kg	100		4		59	119	20
Di-n-butylphthalate	1000		990	ug/Kg	99		6		69	118	20
Fluoranthene	1000	670	1500	ug/Kg	83		0		44	125	20
Benzidine	2100		780	ug/Kg	37		64	*	10	119	20
Pyrene	1000	680	1600	ug/Kg	92		0		26	142	20
Butylbenzylphthalate	1000		1100	ug/Kg	110		0		64	126	20
3,3-Dichlorobenzidine	1000		940	ug/Kg	94		14		33	116	20
Benzo(a)anthracene	1000	330	1200	ug/Kg	87		0		71	114	20
Chrysene	1000	280	1200	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000		1100	ug/Kg	110		10		42	169	20
Di-n-octyl phthalate	1000		1000	ug/Kg	100		4		23	175	20
Benzo(b)fluoranthene	1000	310	1200	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1000	150	1100	ug/Kg	95		11		57	134	20
Benzo(a)pyrene	1000	300	1300	ug/Kg	100		11		70	142	20
Indeno(1,2,3-cd)pyrene	1000	150	1000	ug/Kg	85		5		40	129	20
Dibenz(a,h)anthracene	1000		880	ug/Kg	88		5		43	123	20
Benzo(g,h,i)perylene	1000	180	920	ug/Kg	74		3		24	125	20
1,2,4,5-Tetrachlorobenzene	1000		960	ug/Kg	96		3		69	124	20
1,4-Dioxane	1000		690	ug/Kg	69		3		46	112	20
2,3,4,6-Tetrachlorophenol	1000		830	ug/Kg	83		8		69	112	20
1-Methylnaphthalene	1000		790	ug/Kg	79		1		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4103-02MS		Client Sample ID: WC-22AMS					DataFile: BF139506.D				
n-Nitrosodimethylamine	500		350	ug/L	70				10	130	
Pyridine	500		350	ug/L	70				10	109	
Benzaldehyde	500		73.5	ug/L	15				10	137	
Aniline	500		72.6	ug/L	15				10	130	
Phenol	500		370	ug/L	74				10	130	
bis(2-Chloroethyl)ether	500		400	ug/L	80				29	141	
2-Chlorophenol	500		400	ug/L	80				23	127	
1,2-Dichlorobenzene	500		320	ug/L	64				61	114	
1,3-Dichlorobenzene	500		300	ug/L	60	*			65	106	
1,4-Dichlorobenzene	500		310	ug/L	62				55	125	
Benzyl Alcohol	500		360	ug/L	72				31	94	
2-Methylphenol	500		420	ug/L	84				37	126	
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88				36	141	
Acetophenone	500		390	ug/L	78				31	164	
3+4-Methylphenols	500		410	ug/L	82				31	127	
N-Nitroso-di-n-propylamine	500		420	ug/L	84				36	147	
Hexachloroethane	500		280	ug/L	56				49	110	
Nitrobenzene	500		370	ug/L	74				62	112	
Isophorone	500		440	ug/L	88				39	146	
2-Nitrophenol	500		410	ug/L	82				30	148	
2,4-Dimethylphenol	500		530	ug/L	106				17	143	
bis(2-Chloroethoxy)methane	500		450	ug/L	90				39	143	
2,4-Dichlorophenol	500		420	ug/L	84				22	146	
1,2,4-Trichlorobenzene	500		340	ug/L	68				66	110	
Benzoic acid	500		380	ug/L	76				10	101	
Naphthalene	500		380	ug/L	76				17	157	
4-Chloroaniline	500		59.7	ug/L	12				10	95	
Hexachlorobutadiene	500		330	ug/L	66				52	125	
Caprolactam	500		380	ug/L	76				10	130	
4-Chloro-3-methylphenol	500		380	ug/L	76				17	148	
2-Methylnaphthalene	500		380	ug/L	76				38	146	
Hexachlorocyclopentadiene	1000		800	ug/L	80				20	153	
2,4,6-Trichlorophenol	500		470	ug/L	94				78	112	
2,4,5-Trichlorophenol	500		450	ug/L	90				71	111	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		440	ug/L	88				41	145	
2-Nitroaniline	500		460	ug/L	92				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		470	ug/L	94				40	141	
2,6-Dinitrotoluene	500		460	ug/L	92				43	148	
3-Nitroaniline	500		220	ug/L	44				10	111	
Acenaphthene	500		460	ug/L	92				37	146	
Total PAH	8000		7640	ug/L	96				37	146	
2,4-Dinitrophenol	1000		590	ug/L	59				14	167	
4-Nitrophenol	1000		780	ug/L	78				10	130	
Dibenzofuran	500		440	ug/L	88				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

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		910	ug/L	91				50	142	
2,4-Dinitrotoluene	500		450	ug/L	90				50	142	
Diethylphthalate	500		460	ug/L	92				41	148	
4-Chlorophenyl-phenylether	500		420	ug/L	84				38	149	
Fluorene	500		420	ug/L	84				39	144	
4-Nitroaniline	500		350	ug/L	70				27	138	
4,6-Dinitro-2-methylphenol	500		340	ug/L	68				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		430	ug/L	86				72	112	
4-Bromophenyl-phenylether	500		480	ug/L	96				42	151	
Hexachlorobenzene	500		450	ug/L	90				72	115	
Atrazine	500		460	ug/L	92				20	162	
Pentachlorophenol	1000	93.6	990	ug/L	90				25	139	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		510	ug/L	102				41	146	
Carbazole	500		490	ug/L	98				37	154	
Di-n-butylphthalate	500		500	ug/L	100				40	151	
Fluoranthene	500		490	ug/L	98				42	146	
Benzydine	1000		190	ug/L	19				10	130	
Pyrene	500		570	ug/L	114				41	149	
Butylbenzylphthalate	500		620	ug/L	124				39	155	
3,3-Dichlorobenzidine	500		170	ug/L	34				10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		500	ug/L	100				44	144	
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114				33	160	
Di-n-octyl phthalate	500		540	ug/L	108				36	158	
Benzo(b)fluoranthene	500		470	ug/L	94				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		530	ug/L	106				42	147	
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92				30	166	
Dibenz(a,h)anthracene	500		480	ug/L	96				23	172	
Benzo(g,h,i)perylene	500		400	ug/L	80				27	167	
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90				89	102	
1,4-Dioxane	500		330	ug/L	66				38	130	
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92				91	111	
1-Methylnaphthalene	500		360	ug/L	72				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4103-02MSD	Client Sample ID:	WC-22AMSD					DataFile:	BF139507.D		
n-Nitrosodimethylamine	500		350	ug/L	70		0		10	130	20
Pyridine	500		360	ug/L	72		3		10	109	20
Benzaldehyde	500		71.9	ug/L	14		7		10	137	20
Aniline	500		87.9	ug/L	18		18		10	130	20
Phenol	500		380	ug/L	76		3		10	130	20
bis(2-Chloroethyl)ether	500		420	ug/L	84		5		29	141	20
2-Chlorophenol	500		400	ug/L	80		0		23	127	20
1,2-Dichlorobenzene	500		320	ug/L	64		0		61	114	20
1,3-Dichlorobenzene	500		300	ug/L	60	*	0		65	106	20
1,4-Dichlorobenzene	500		300	ug/L	60		3		55	125	20
Benzyl Alcohol	500		360	ug/L	72		0		31	94	20
2-Methylphenol	500		420	ug/L	84		0		37	126	20
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88		0		36	141	20
Acetophenone	500		400	ug/L	80		3		31	164	20
3+4-Methylphenols	500		400	ug/L	80		2		31	127	20
N-Nitroso-di-n-propylamine	500		420	ug/L	84		0		36	147	20
Hexachloroethane	500		280	ug/L	56		0		49	110	20
Nitrobenzene	500		390	ug/L	78		5		62	112	20
Isophorone	500		460	ug/L	92		4		39	146	20
2-Nitrophenol	500		440	ug/L	88		7		30	148	20
2,4-Dimethylphenol	500		560	ug/L	112		6		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		2		39	143	20
2,4-Dichlorophenol	500		440	ug/L	88		5		22	146	20
1,2,4-Trichlorobenzene	500		350	ug/L	70		3		66	110	20
Benzoic acid	500		390	ug/L	78		3		10	101	20
Naphthalene	500		390	ug/L	78		3		17	157	20
4-Chloroaniline	500		63.4	ug/L	13		8		10	95	20
Hexachlorobutadiene	500		340	ug/L	68		3		52	125	20
Caprolactam	500		400	ug/L	80		5		10	130	20
4-Chloro-3-methylphenol	500		410	ug/L	82		8		17	148	20
2-Methylnaphthalene	500		400	ug/L	80		5		38	146	20
Hexachlorocyclopentadiene	1000		740	ug/L	74		8		20	153	20
2,4,6-Trichlorophenol	500		480	ug/L	96		2		78	112	20
2,4,5-Trichlorophenol	500		470	ug/L	94		4		71	111	20
1,1-Biphenyl	500		460	ug/L	92		0		38	154	20
2-Chloronaphthalene	500		440	ug/L	88		0		41	145	20
2-Nitroaniline	500		470	ug/L	94		2		39	151	20
Dimethylphthalate	500		500	ug/L	100		2		42	147	20
Acenaphthylene	500		480	ug/L	96		2		40	141	20
2,6-Dinitrotoluene	500		450	ug/L	90		2		43	148	20
3-Nitroaniline	500		230	ug/L	46		4		10	111	20
Acenaphthene	500		470	ug/L	94		2		37	146	20
Total PAH	8000		7730	ug/L	97		1		37	146	20
2,4-Dinitrophenol	1000		610	ug/L	61		3		14	167	20
4-Nitrophenol	1000		780	ug/L	78		0		10	130	20
Dibenzofuran	500		450	ug/L	90		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092024

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		890	ug/L	89		2		50	142	20
2,4-Dinitrotoluene	500		440	ug/L	88		2		50	142	20
Diethylphthalate	500		460	ug/L	92		0		41	148	20
4-Chlorophenyl-phenylether	500		430	ug/L	86		2		38	149	20
Fluorene	500		420	ug/L	84		0		39	144	20
4-Nitroaniline	500		350	ug/L	70		0		27	138	20
4,6-Dinitro-2-methylphenol	500		360	ug/L	72		6		32	175	20
N-Nitrosodiphenylamine	500		490	ug/L	98		4		40	150	20
Azobenzene	500		420	ug/L	84		2		72	112	20
4-Bromophenyl-phenylether	500		490	ug/L	98		2		42	151	20
Hexachlorobenzene	500		460	ug/L	92		2		72	115	20
Atrazine	500		450	ug/L	90		2		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		11		25	139	20
Phenanthrene	500		500	ug/L	100		4		40	147	20
Anthracene	500		510	ug/L	102		0		41	146	20
Carbazole	500		490	ug/L	98		0		37	154	20
Di-n-butylphthalate	500		500	ug/L	100		0		40	151	20
Fluoranthene	500		500	ug/L	100		2		42	146	20
Benzidine	1000		300	ug/L	30		45	*	10	130	20
Pyrene	500		570	ug/L	114		0		41	149	20
Butylbenzylphthalate	500		610	ug/L	122		2		39	155	20
3,3-Dichlorobenzidine	500		190	ug/L	38		11		10	114	20
Benzo(a)anthracene	500		500	ug/L	100		2		41	147	20
Chrysene	500		510	ug/L	102		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114		0		33	160	20
Di-n-octyl phthalate	500		530	ug/L	106		2		36	158	20
Benzo(b)fluoranthene	500		490	ug/L	98		4		40	150	20
Benzo(k)fluoranthene	500		510	ug/L	102		4		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		460	ug/L	92		0		30	166	20
Dibenz(a,h)anthracene	500		470	ug/L	94		2		23	172	20
Benzo(g,h,i)perylene	500		420	ug/L	84		5		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		2		89	102	20
1,4-Dioxane	500		320	ug/L	64		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92		0		91	111	20
1-Methylnaphthalene	500		380	ug/L	76		5		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163454BL	PB163454BL	BF139494.D	2-Fluorophenol	150	131.42	88		18	112
			Phenol-d6	150	130.77	87		15	107
			Nitrobenzene-d5	100	86.49	86		18	107
			2-Fluorobiphenyl	100	86.61	87		20	109
			2,4,6-Tribromophenol	150	121.87	81		10	116
			Terphenyl-d14	100	87.43	87		10	105

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4088-14RE	NB-614-COMP-09IBF139496.D		2-Fluorophenol	150	136.62	91		10	139
			Phenol-d6	150	83.44	56		10	134
			Nitrobenzene-d5	100	96.96	97		49	133
			2-Fluorobiphenyl	100	182.85	183	*	52	132
			2,4,6-Tribromophenol	150	279.80	187	*	44	137
			Terphenyl-d14	100	256.08	256	*	48	125
P4097-02RE	RT2299RE	BF139495.D	2-Fluorophenol	150	130.74	87		10	139
			Phenol-d6	150	49.90	33		10	134
			Nitrobenzene-d5	100	100.69	101		49	133
			2-Fluorobiphenyl	100	317.66	318	*	52	132
			2,4,6-Tribromophenol	150	471.93	315	*	44	137
			Terphenyl-d14	100	471.40	471	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4103-01	WC-22A	BF139497.D	2-Fluorophenol	150	84.32	56		18	112
			Phenol-d6	150	83.96	56		15	107
			Nitrobenzene-d5	100	65.12	65		18	107
			2-Fluorobiphenyl	100	56.36	56		20	109
			2,4,6-Tribromophenol	150	71.02	47		10	116
			Terphenyl-d14	100	49.99	50		10	105
P4103-04	WC-14-5-7.5A	BF139498.D	2-Fluorophenol	150	72.43	48		18	112
			Phenol-d6	150	73.94	49		15	107
			Nitrobenzene-d5	100	52.75	53		18	107
			2-Fluorobiphenyl	100	54.78	55		20	109
			2,4,6-Tribromophenol	150	52.54	35		10	116
			Terphenyl-d14	100	50.55	51		10	105
P4103-16	WC-23	BF139499.D	2-Fluorophenol	150	87.42	58		18	112
			Phenol-d6	150	87.95	59		15	107
			Nitrobenzene-d5	100	63.06	63		18	107
			2-Fluorobiphenyl	100	61.92	62		20	109
			2,4,6-Tribromophenol	150	69.73	46		10	116
			Terphenyl-d14	100	54.27	54		10	105

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4120-13	RB24085	BF139500.D	2-Fluorophenol	150	57.09	38		18	112
			Phenol-d6	150	57.70	38		15	107
			Nitrobenzene-d5	100	38.94	39		18	107
			2-Fluorobiphenyl	100	24.88	25		20	109
			2,4,6-Tribromophenol	150	42.61	28		10	116
			Terphenyl-d14	100	16.71	17		10	105
P4125-01	PL-01-09192024	BF139504.D	2-Fluorophenol	150	70.91	47		18	112
			Phenol-d6	150	68.18	45		15	107
			Nitrobenzene-d5	100	50.55	51		18	107
			2-Fluorobiphenyl	100	57.88	58		20	109
			2,4,6-Tribromophenol	150	58.18	39		10	116
			Terphenyl-d14	100	66.34	66		10	105
P4126-01	NB-08-09192024	BF139501.D	2-Fluorophenol	150	109.76	73		18	112
			Phenol-d6	150	111.74	74		15	107
			Nitrobenzene-d5	100	76.97	77		18	107
			2-Fluorobiphenyl	100	86.41	86		20	109
			2,4,6-Tribromophenol	150	90.49	60		10	116
			Terphenyl-d14	100	87.78	88		10	105
P4126-01MS	NB-08-09192024M	BF139502.D	2-Fluorophenol	150	101.17	67		18	112
			Phenol-d6	150	102.36	68		15	107
			Nitrobenzene-d5	100	71.38	71		18	107
			2-Fluorobiphenyl	100	79.63	80		20	109
			2,4,6-Tribromophenol	150	90.40	60		10	116
			Terphenyl-d14	100	86.43	86		10	105
P4126-01MSD	NB-08-09192024M	BF139503.D	2-Fluorophenol	150	96.87	65		18	112
			Phenol-d6	150	98.59	66		15	107
			Nitrobenzene-d5	100	69.83	70		18	107
			2-Fluorobiphenyl	100	76.97	77		20	109
			2,4,6-Tribromophenol	150	86.30	58		10	116
			Terphenyl-d14	100	81.98	82		10	105

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4103-02	WC-22A	BF139505.D	2-Fluorophenol	150	115.10	77		10	139
			Phenol-d6	150	106.71	71		10	134
			Nitrobenzene-d5	100	84.44	84		49	133
			2-Fluorobiphenyl	100	87.75	88		52	132
			2,4,6-Tribromophenol	150	115.68	77		44	137
			Terphenyl-d14	100	102.75	103		48	125
P4103-02MS	WC-22AMS	BF139506.D	2-Fluorophenol	150	118.02	79		10	139
			Phenol-d6	150	112.81	75		10	134
			Nitrobenzene-d5	100	85.51	86		49	133
			2-Fluorobiphenyl	100	90.38	90		52	132
			2,4,6-Tribromophenol	150	115.19	77		44	137
			Terphenyl-d14	100	110.52	111		48	125
P4103-02MSD	WC-22AMSD	BF139507.D	2-Fluorophenol	150	117.15	78		10	139
			Phenol-d6	150	113.81	76		10	134
			Nitrobenzene-d5	100	88.10	88		49	133
			2-Fluorobiphenyl	100	92.75	93		52	132
			2,4,6-Tribromophenol	150	114.71	76		44	137
			Terphenyl-d14	100	109.36	109		48	125
P4103-05	WC-14-5-7.5A	BF139508.D	2-Fluorophenol	150	120.15	80		10	139
			Phenol-d6	150	110.65	74		10	134
			Nitrobenzene-d5	100	91.39	91		49	133
			2-Fluorobiphenyl	100	91.54	92		52	132
			2,4,6-Tribromophenol	150	119.35	80		44	137
			Terphenyl-d14	100	106.54	107		48	125
P4103-08	WC-14-5-7.5B	BF139509.D	2-Fluorophenol	150	128.46	86		10	139
			Phenol-d6	150	121.61	81		10	134
			Nitrobenzene-d5	100	88.38	88		49	133
			2-Fluorobiphenyl	100	89.58	90		52	132
			2,4,6-Tribromophenol	150	121.33	81		44	137
			Terphenyl-d14	100	102.12	102		48	125
P4103-11	WC-14-7.5-10A	BF139510.D	2-Fluorophenol	150	125.54	84		10	139
			Phenol-d6	150	120.33	80		10	134
			Nitrobenzene-d5	100	87.43	87		49	133
			2-Fluorobiphenyl	100	88.44	88		52	132
			2,4,6-Tribromophenol	150	115.07	77		44	137
			Terphenyl-d14	100	100.55	101		48	125
P4103-14	WC-14-7.5-10B	BF139511.D	2-Fluorophenol	150	108.90	73		10	139
			Phenol-d6	150	101.50	68		10	134
			Nitrobenzene-d5	100	81.39	81		49	133
			2-Fluorobiphenyl	100	84.66	85		52	132
			2,4,6-Tribromophenol	150	108.70	72		44	137
			Terphenyl-d14	100	95.77	96		48	125
P4103-17	WC-23	BF139512.D	2-Fluorophenol	150	129.14	86		10	139
			Phenol-d6	150	123.90	83		10	134
			Nitrobenzene-d5	100	90.48	90		49	133
			2-Fluorobiphenyl	100	91.91	92		52	132
			2,4,6-Tribromophenol	150	118.86	79		44	137
			Terphenyl-d14	100	107.38	107		48	125
P4120-14	RB24085	BF139513.D	2-Fluorophenol	150	105.28	70		10	139

Surrogate Summary

SW-846

SDG No.: **BF092024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4120-14	RB24085	BF139513.D	Phenol-d6	150	99.11	66		10	134
			Nitrobenzene-d5	100	79.70	80		49	133
			2-Fluorobiphenyl	100	82.70	83		52	132
			2,4,6-Tribromophenol	150	106.85	71		44	137
			Terphenyl-d14	100	101.69	102		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF092024

Lab Code: CHEM

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139492.D

DFTPP Injection Date: 09/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.3 (19.1) 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	BF139493.D	09/20/2024	10:09
PB163454BL	PB163454BL	BF139494.D	09/20/2024	10:40
RT2299RE	P4097-02RE	BF139495.D	09/20/2024	11:52
NB-614-COMP-09RE	P4088-14RE	BF139496.D	09/20/2024	12:21
WC-22A	P4103-01	BF139497.D	09/20/2024	12:50
WC-14-5-7.5A	P4103-04	BF139498.D	09/20/2024	13:19
WC-23	P4103-16	BF139499.D	09/20/2024	13:48
RB24085	P4120-13	BF139500.D	09/20/2024	14:28
NB-08-09192024	P4126-01	BF139501.D	09/20/2024	14:57
NB-08-09192024MS	P4126-01MS	BF139502.D	09/20/2024	15:26
NB-08-09192024MSD	P4126-01MSD	BF139503.D	09/20/2024	15:55
PL-01-09192024	P4125-01	BF139504.D	09/20/2024	16:24
WC-22A	P4103-02	BF139505.D	09/20/2024	16:53
WC-22AMS	P4103-02MS	BF139506.D	09/20/2024	17:23
WC-22AMSD	P4103-02MSD	BF139507.D	09/20/2024	17:52
WC-14-5-7.5A	P4103-05	BF139508.D	09/20/2024	18:20
WC-14-5-7.5B	P4103-08	BF139509.D	09/20/2024	18:49
WC-14-7.5-10A	P4103-11	BF139510.D	09/20/2024	19:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF092024

Lab Code: CHEM

SAS No.: BF092024 SDG NO.: BF092024

Lab File ID: BF139492.D

DFTPP Injection Date: 09/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.3 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
WC-14-7.5-10B	P4103-14	BF139511.D	09/20/2024	19:47
WC-23	P4103-17	BF139512.D	09/20/2024	20:17
RB24085	P4120-14	BF139513.D	09/20/2024	20:45